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PRODUCTS... who makes them

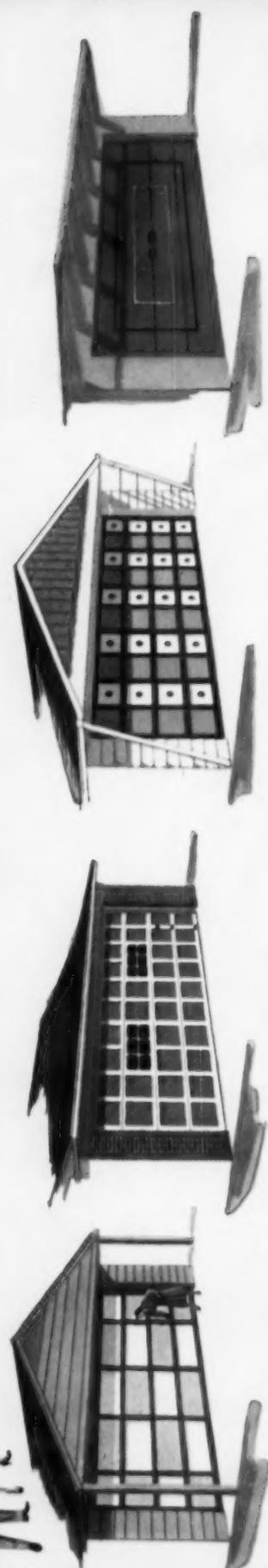
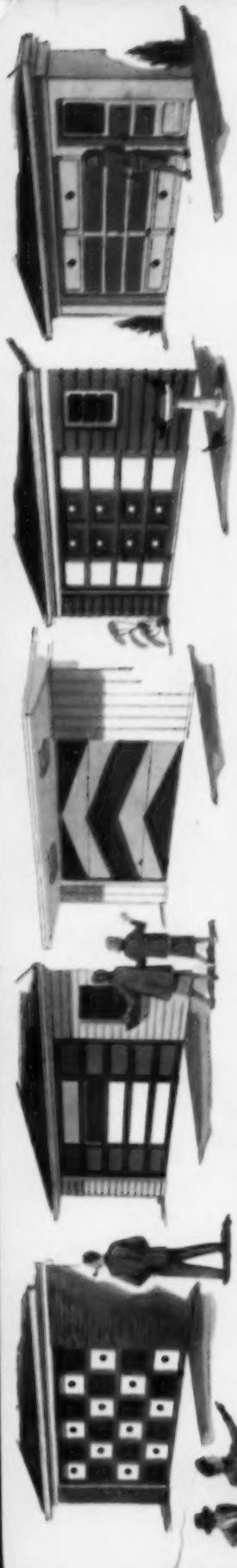
BRAND NAMES... whose they are

DISTRIBUTORS... how to find them

**REFERENCE DATA... Guide to best books and
folders on home building**

APRIL • 1955

STOP the "SHOPPERS" THEN YOU HAVE A CHANCE TO SELL THEM



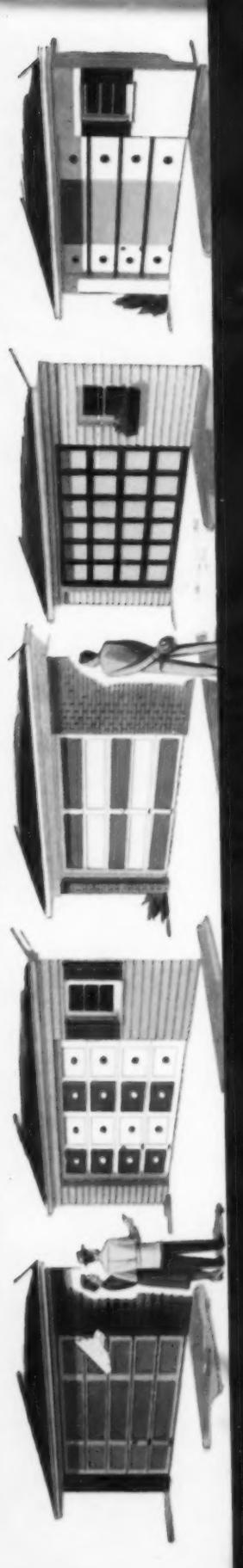
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Crawford MARVEL-LIFT Garage Doors with Customized Design



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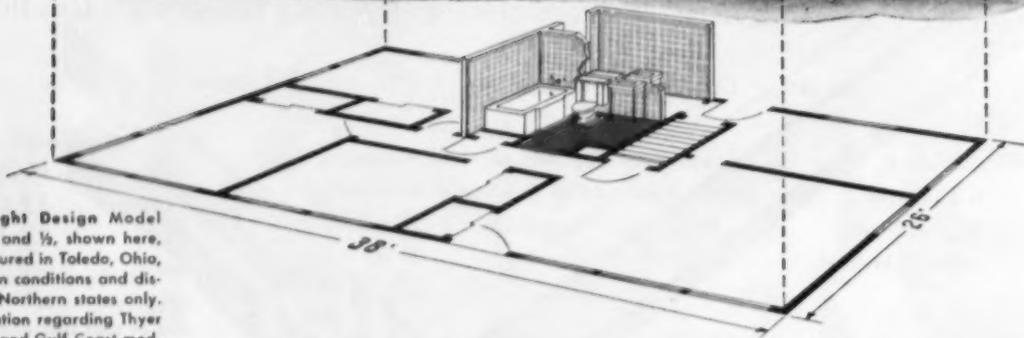
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Home-owning or renting and the cost of living

Most families have to do a lot of juggling of family finances to buy a new house. Builders are frequently interested bystanders as the family scrapes up the cash for the down payment and adjusts the family budget to make the monthly payments.

A study made by the Heller Committee for Research and Social Economics, University of California, states that it costs the average family just \$6.85 more per week to own their own house than to rent. This could be a strong closing point for wavering home buyers.

The Heller study was concerned with the "commonly accepted standards of living" of a family unit comprising the father, his wife at home (doing her own housework), a boy of 13 and a girl of 8. The wage-earning family, living in rented quarters, required a weekly income of \$103.95 to meet the "cost of those goods and services public opinion currently recognize as necessary to health and reasonably comfortable living." The same family, buying their own house, needed \$6.85 more a week, or \$110.80.

The junior executive family of four, according to the Heller Committee, would need a minimum weekly salary of \$155.50 to get by on a "reasonably comfortable" basis.

The breakdown of the weekly budget for the renting family of four is as follows:

Food and Groceries	\$ 31.14
Rent	11.77
Household operation	3.98
House Furnishings	4.08
Clothing & Upkeep	8.87
Transportation	10.13
Medical & Dental Care	7.27
Insurance,	
including Social Security	4.13
Personal Care	1.83
Recreation	3.91
Alcoholic Beverages	.95
Tabacco	1.81
Union Dues	.84
Gifts & Contributions	1.57
Miscellaneous	1.00
Income Taxes	10.67
Total Weekly Budget	\$103.95

Committee study shows that it costs average family \$6.85 per week more to own home than to rent

The additional amount of mortgage payments of \$6.85 for the home-owning family, of course, is representative of savings, since part of the payment is used to retire the mortgage.

Actual income of buyers

Actually, about 50 per cent of home buyers have an income of under \$77 a week, according to a survey of the Federal Reserve System and the University of Michigan. Seventeen out of 100 have weekly incomes of \$77 to \$96, and one-third have incomes of more than \$96 weekly.

Surprisingly enough, 26 out of 100 buyers are single persons. Thirty-two out of 100 are married, under 45 years of age, and have children under 18. Twenty-nine out of 100 are married and over 45 years of age. About one-third are veterans of World War II.

Metropolitan areas

It's interesting to note from the Bureau of Labor Statistics, that about eighty per cent of all new

dwelling units are being built in metropolitan areas, particularly in the suburbs of such areas. A metropolitan area is defined as a county containing one or more central cities of 50,000 or more population plus other contiguous counties which are economically dominated by such a central city.

There have been vast movements of the population during the last fourteen years. The metropolitan areas have increased by about 23 million in population and the U.S. outside of metropolitan areas by about 6 million. Geographically, the concentration of the population has been in metropolitan areas around our seacoasts and the Great Lakes. Leading home building states are California, New York, Pennsylvania and Illinois.

The typical home buyer is therefore more likely to be located in a metropolitan area. Business is nevertheless brisk for builders in the smaller towns. Most of them are finding that demand for new houses, repairs and remodeling has never been better.

HOW MUCH DOES IT COST TO LIVE? FAMILY OF FOUR . . . TOTAL \$111 WEEKLY			
FOOD \$31	HOUSING AND OPERATION (RENTERS) \$20	CLOTHING \$9	INCOME TAX \$11
	COST OF HOME OWNERSHIP \$6.85	TRANSPORTATION \$10	ALL OTHER EXPENSES \$12 INCLUDING INSURANCE, RECREATION, ETC.
		MEDICAL & DENTAL \$7	

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Home Builders' Guide To Reference Material

**A BIBLIOGRAPHY
ON THE BUSINESS
OF HOME BUILDING**

Compiled and edited by
**Eugene Adhemar Tilleux and
Leonard G. Haeger, A. I. A.**

Each day the home builder is confronted with a variety of questions arising from the complex nature of this nation's home building industry. Answers to these questions represent a troublesome job for the industry, and the need for a simple tool to assist the builder in finding the answers has long been recognized. The up-to-date bibliography beginning on page 115 is an effort to provide individual builders with a comprehensive listing of source material.

The "Home Builders' Guide to Reference Material" has been prepared by the Construction Department and Research Institute of the National Association of Home Builders.

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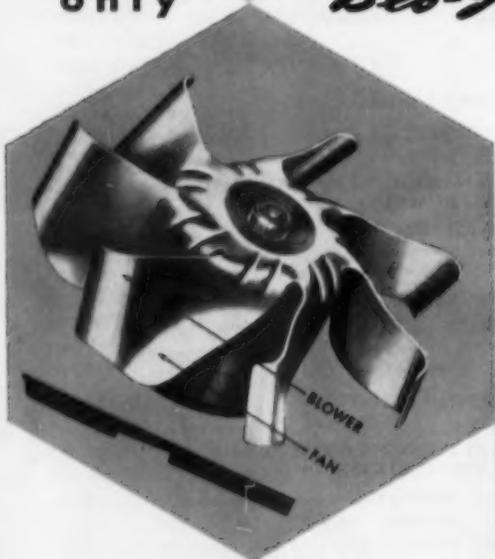
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Is this a home-building boom era?

THE ANSWER is "no" if by boom we mean a mad, uncontrollable production race that can end only in over-saturation of the market and consequent economic calamity. We are in a lusty, healthful and unprecedented market for high quality new homes at reasonable prices. And the conditions which have created this market bid well to sustain it for a long time—long enough for a new and foreseeable set of conditions to take over and prolong the market at the present or an accelerated pace beyond the predictable future. "Boom" is the wrong word. This is not a housing boom.

What then are the factors that are sustaining high level production and sales? First, these factors must be divided into two groups, need and demand.

The principal need factors are annual net new family formations, a statistically predictable figure; replacements needed because of destruction by fire, flood and wind, or abandonment because of advanced or absolute decay, a variable figure subject to close estimate; migration caused by the expansion of established industries and the creation of new industries, a relatively unpredictable figure; and a new factor, large-scale demolition of habitable dwellings to provide right-of-way for urban, suburban and intercity freeways.

For 1955 this need factor is estimated to be about 1,000,000. With practically everybody agreed that 1955 will see production of, and a market for 1,400,000 new units, where does the other 400,000 come from? This is where the demand group comes into the picture.

THE demand-group of factors consists of many parts. Some of them are easier mortgage contracts, creating a new and larger group of potential home buyers in lower-income brackets than ever existed before; an accelerated undoubling rate; increasing human longevity, and consequent de-

mand for small, luxury retirement units; the dramatic, demonstrable fact that the new house of today is unbelievably superior to one of equivalent size 20 years ago, and even five years ago, and that it actually costs a lot less.

This last named factor is stimulating obsolescence and trade-up selling, inducing more and more home owners to trade in their now obsolete five-year old houses for the 1955 models with their new economies, advanced styling, materials and equipment and added living comfort.

Migration, replacement in many cases, and trade-up buying all are increasing the rate of abandonment of substandard dwellings, with the result that the entire housing level is being upgraded.

The demand factors have not yet reached a peak, due to the slow pace and wartime slow-down of home building between 1930 and 1945. Every statistical analysis indicates that need is likely to decline sometime between 1956 and 1960, possibly to a figure as low as 800,000 to 850,000. But marketing students believe that demand can and will be stimulated to new highs that will compensate for the decline in need, at least until 1960. Then, the need is expected to shoot to all-time new highs, and stay there for two or more decades. Beginning in the early sixties, normal home building years should absorb 1,500,000 units.

WE are not having a boom. We are supplying the need for housing an increasing population. And through a neat coordination of technical, economic, design, production and building products improvement, we are creating a healthful, thoroughly American demand for the new and better that is steadily and belatedly lifting the level of housing quality.

Ed Gavin

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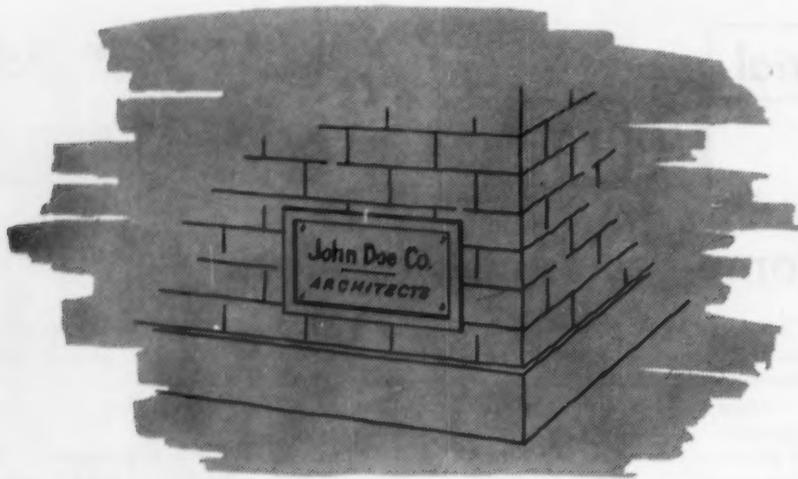
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Is Destructive Condensation Jeopardizing Your Reputation?

SPECIFYING on a "take-it-for-granted" basis, some architects and builders with their own hands sow the seeds of destruction inside the walls of buildings they are so proud of.

A sturdy, frame house in Pennsylvania, for example, had to be moved. But it was found that the sills had rotted away. Inside the walls was ordinary insulation and no metallic vapor barrier.

A large brick and steel apartment development in the suburbs; a huge housing project in a big city; each caused great expense to its sponsors when ordinary insulation inside walls failed to prevent excess vapor flow, excess condensation formation, resulting in peeling paint and crumbling plaster.

Reputations as well as buildings are guarded by the use of multiple accordion aluminum. Its continuous metal sheets, 500 ft. to 750 ft. long, are almost impervious to water vapor. Infiltration under flat, stapled flanges is slight.

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in new construction between wood joists,
material with labor,

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To obtain MAXIMUM, uniform-depth protection against heat loss and condensation formation, it is necessary to use the new **edge-to-edge** multiple aluminum*, each sheet of which stretches from joist to joist, and also all through the flanges for further vapor protection as well as permanent attachment of each sheet.

*Patent applied for.

A National Bureau of Standards brochure: "Moisture Condensation in Building Walls," interestingly discusses Vapor Flow, and causes and control of Condensation. Use the coupon for free copy.

Infra Insulation Inc., Dept. B-4
525 Broadway, New York, N. Y.

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of Standards Booklet BMS63

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NORTHERN AREA

Show the public how substandard houses can be remodeled at a profit. That's the program 15 Rochester builders have undertaken to encourage other builders and property owners to eliminate slums. It is sponsored by the city's ACTION committee, comprising members of the local home builders association, real estate board and Citizens' Tax League.

Each builder is participating as an individual. He acquires his own property, arranges FHA-insured or conventional financing and puts the building into "first class" condition. When completed, each house will be open for public inspection. After that, it will be rented, or sold for a profit.

"We expect the idea will catch on," a spokesman said, "so that widespread work will be done in this field." The city will emphasize its improvement program at two booths in the Rochester Home Builders Assoc. home show April 23-30.

Most home buyers are families with children, or older couples, discloses a Dime Savings Bank of Brooklyn survey of 500 recent mortgage applications. George C. Johnson, president, reports the study included homes selling from \$10,000 to \$42,000; showed that 84.2 per cent of the buyers had one or more children and the remainder were older couples. Few were newly-married and they were in the higher income brackets.

Average age of the head of the family is 32.3 years in another study of a recently completed 480-home operation. "I consider this particularly revealing," Johnson said, "because it should refute the claim made by some alarmists that mere kids are being enticed to buy homes because of easy credit terms."

"Any equity at all is better than a handful of rent receipts," the banker continued, pointing out that his institution, with \$91,000,000 invested in FHA-insured mortgages, had found that "home-buying families do establish equities. You would be surprised at the number and amounts of prepayments."

Hoover Commission suggests several FHA changes, in study of lending agencies sent to Congress March 14.

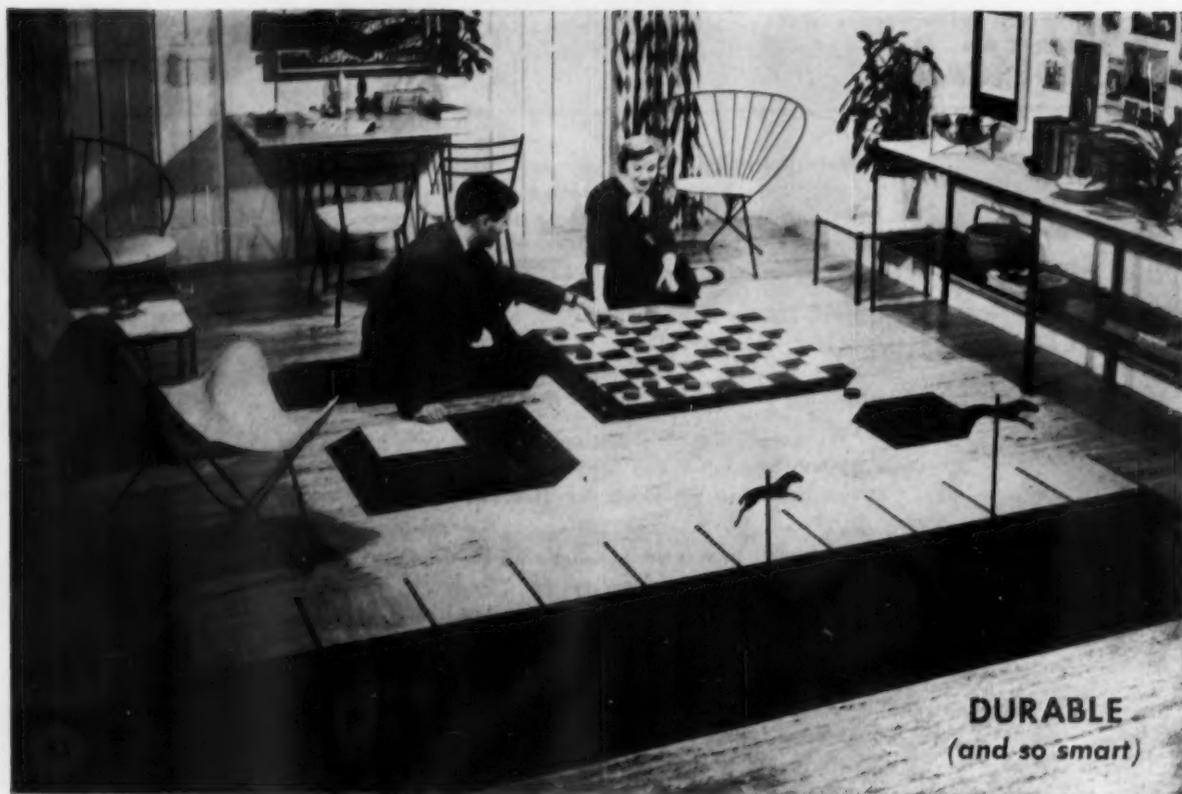
The report urges that institutions making such loans share more risk; that the President should have authority to increase equities required for such loans; that FHA be reorganized to provide its own financing, without need to ask the government for funds.

Further tightening of the apartment house program was recommended to assure "better appraisal and cost estimates." Also called for were studies of prospective foreclosure and loss experience of all government housing phases.

Change of name for either FHA or Public Housing Administration was asked, to eliminate confusion. Suggestions were "Federal Mortgage Insurance Administration" and "Federal Slum Clearance Administration."

HHFA plans to present findings of year's study this month to the President. Administrator Cole said he would give commission proposals prompt attention.

National Housing Center in Washington, D. C., will officially open August 15. National Association of Home Builders expects to move into its eight-story headquarters in June, occupying the top two floors for offices and the NAHB Research Institute. Remainder of the building will be devoted to exhibits and products of manufacturers of home building materials, equipment and furnishings. The \$2,500,000 building at 1625 L Street, N. W., is being erected by Joseph Nebel, Washington builder, from plans by Aubinoe, Edwards & Beery, architects.



*The flooring that invites prospective house buyers to **move right in!***

WHEN a new home goes on the market, the imagination and craftsmanship of the builder is laid bare to the prospective buyer.

Usually there is nothing there but bare walls and floors—inviting careful appraisal of the quality of materials and the workmanship that went into the building of the house.

When the floors are of gleaming Goodyear All-Vinyl, you register a strong impression in your favor—for this beautiful flooring indicates careful attention to detail on your part.

The colors are superb, and immediately give "life" to the still empty house—and Mrs. Buyer begins thinking in terms of how she is going to finish decorating and furnishing, begins thinking of it in terms of *her* new home.

The quality is unrivaled, a fact that mortgage people are quick to confirm—for they are well acquainted with the longer life and durability of Goodyear All-Vinyl.

The ease of maintenance is the clincher. Homemakers the country over have dreamt of enjoying the pre-polished flooring that *Never Needs Waxing!* More than a million homes have already installed Goodyear All-Vinyl, either in regular residential quality or in new H. D. H. Heavy-Duty Homogeneous Goodyear All-Vinyl.

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Crossett supplies this superior woodwork in A. I. A.—approved contours and standard patterns which, through quantity production, give you the advantage of fine quality at important cost saving over custom millwork. Arkansas Soft Pine's soft texture, light weight and freedom from pitch work easily to close detail, patterns matching exactly at mitres.

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Typical of authentic patterns in satin-like interior trim. Appropriate to a wide variety of decorative schemes.

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10 BASIC MODELS
\$24.25 to \$36.50 list

Door Chimes

17 MODELS
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Any second-rate Ventilating Fan, Door Chime, Range Hood or Electric Heater can be made for a few pennies less — by using inferior materials which fail, or substitutes that won't hold up. If an inferior product fails because it is made of skimpy materials and gives unsatisfactory service . . . you should not be the loser! You should not pay for "SERVICE CALL-BACKS."

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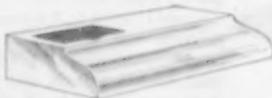
\$500,000.00 Service Guarantee

NuTone offers you a REAL — "MONEY-IN-THE-BANK" SERVICE GUARANTEE . . . not just an ordinary parts replacement warranty which some other fan manufacturers give. Our \$500,000 Service Guarantee Bond is made possible because of NuTone's outstanding record of TROUBLE-FREE performance in the field and because of our TRIPLE INSPECTION factory control!

THIS VALUABLE SERVICE POLICY IS YOURS FREE!

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\$34.50 to \$39.50 list

Ceiling Heaters

"HEAT-A-LITE" OR RADIANT
\$24.95 to \$64.95 list



NEWS

Co-op Land Deal Formula Outlined

Minneapolis builder **Emil Fronk**, following a successful "joint venture" with two other builders, recommends the following formula to those planning to participate in co-operative purchase and development of home sites:

- Only hook up with builders who think alike.
- Construction of each must be of comparable quality.
- Plat only that part of your area currently being developed to take advantage of the farm tax angle.
- Set up a corporation . . . buy land back from the corporation as needed . . . decide on restrictions . . . get FHA and VA approval for use if needed in sales.

Fronk's suggestions featured a regional forum on land acquisition sponsored by the Chicago Metropolitan Home Builders Assn. At the same meeting, **Ed Smith** pointed out that "co-op" land acquisition is perhaps the only way the average builder in his area can now acquire land. He warned that all land purchase contracts should be "subject to engineers' feasibility report for your own protection."



New England Valentine

Robert H. Wood, executive secretary, Master HBA of Worcester, Mass., holds appropriate "emblem" at organization's valentine dinner-dance, aided by **Jerome J. Madigan** (left), NAHB membership director, and **Peter George Jr.**, chairman



Milwaukeeans Embark on Chicagoland Tour

Members of the Milwaukee Builders Assn. at start of March 2 trip to Chicago suburbs for inspection of three large subdivisions

Big Trade-in Field

Half the home owners of New England would buy new homes if they were able to trade in their present homes as easily as they can turn in their old car for a new one, believes **Arthur Oman**, Boston area builder . . . New Jersey Real Estate Commission has recommended to the legislature that a state license be required of all builders and subdividers. In rebuttal, New Jersey State HBA charged that building is already subjected to more policing and controls than any other industry in the state and backed up the claim with a list of 28 "disciplinary steps" a builder is subjected to in his operations. . . . **Timothy J. Murphy** has resigned as FHA state director for Connecticut, a post he held nine years. The post was taken by **Charles Francis Kelley**, the day after he retired as the state's commissioner of motor vehicles . . .

Pre-spring announcements heralded many more king-size projects . . . **Scott-Shaw, Inc.**, headed by **George Sirott** opened first models last month for Georgetowne, 4,000-house development to be built on 1,500 acres of New Jersey farmland 11 miles east of Philadelphia. The site, between Marlton

and Medford, N. J., will include a 46-acre shopping center and four "neighborhoods," each with land to be dedicated for use by schools, churches, parks and playgrounds . . . **Martin Cerel**, who built 1,200 houses in Boston suburbs last year, has begun a 2,000-unit program for 1955 in towns between Wayland and West Peabody . . . In the Cleveland area, **Eaton Construction Co. (David Kirschenbaum)** has announced plans for New Northgate, 1,500 homes on 1,000 acres at Avon.

(Continued on page 17-N)

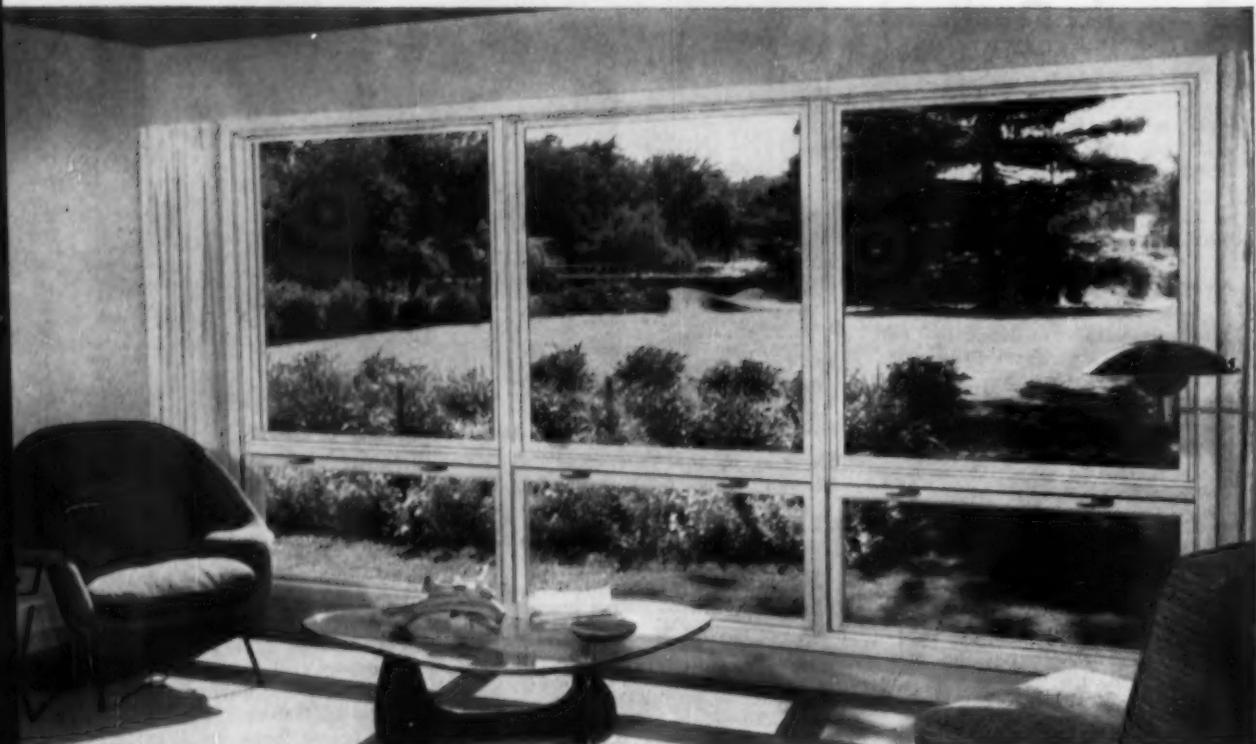


Dealers' Choice

New officers of Ohio Association of Retail Lumber Dealers (from left): **Warren E. Carter**, Akron; **F. T. McGuire**, Cleveland, and **R. L. Kinney**, Bridgeport

TAKE YOUR CHOICE OF 4

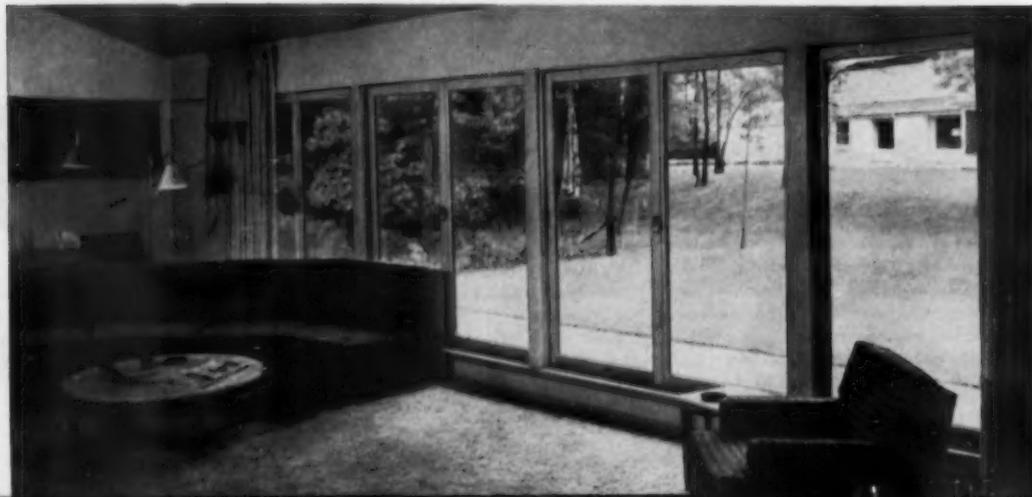
Andersen



Andersen Flexivent® Window shown in hopper position below new Flexiview picture window size. Low cost, high quality, extreme versatility and sales appeal make Flexivent a favorite, especially

with merchant builders. Hundreds of combinations possible from 16 stock sizes. Use in ribbons, stacks, groups, or with other windows. Choice of hopper, awning, casement or fixed sash.

Andersen Gliding Window. Here is Andersen's famous picture window that opens. Sash glide easily from side to side in plastic tracks. Horizontal sliding action makes possible wide range of sizes from narrow ribbon up to nearly 6'x5½' sash. Available in one-light or horizontal glazing.



COMPLETE WOOD WINDOWS

Windowalls

TRADEMARK OF ANDERSEN CORPORATION



Andersen Casement Window . . . the casement that combines advantages of weathertight wood construction with beauty of narrow line design. Available in wide variety of sizes, including stock

picture window combinations. Your choice of two sash widths, 1'6" or 1'10½". Five different heights available with one-light, horizontal or cut-up glazing. Sash may be swinging or stationary.

Andersen WINDOWALLS are complete wood window units. They're precision-made in Andersen's modern plant by skilled window craftsmen. Every unit comes complete with hardware, full weatherstripping, screen and double glazing. All wood parts are toxic treated for protection against moisture, decay and termites. WINDOWALLS are sold only through millwork dealers.

For further information see your millwork dealer, Sweet's Light Construction File, or write Andersen. WINDOWALLS are sold by established millwork dealers throughout the country including the Pacific Coast.

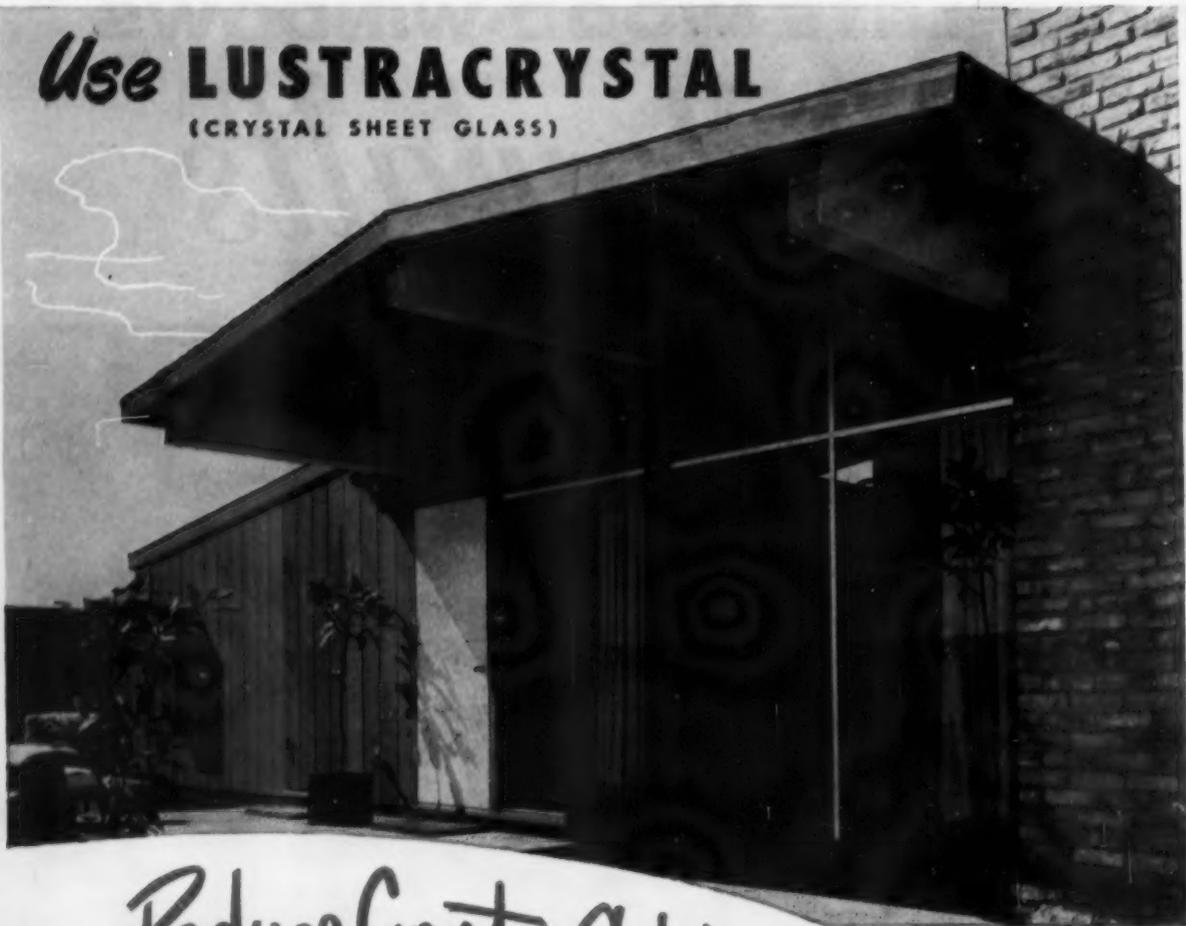
ANDERSEN CORPORATION • BAYPORT, MINNESOTA

Andersen Pressure Seal Window. This is the Andersen double hung unit. Sash lift right out. Only Andersen has the concealed operating device that permits instant sash removability while assuring extreme weathertightness. Special Storm-Screen combination is available to fit Pressure Seal Units.



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(CRYSTAL SHEET GLASS)



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Lustracrystal is a sheet glass of extraordinary flatness, clarity and brilliance. It has the highest transparency

obtainable.

Lustracrystal serves ideally as an economical glass for large openings. It is made in thicknesses up to $\frac{1}{4}$ ".

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Kansas City Citation

Larry Winn Jr. (right) receiving president's service plaque of HBA of Greater Kansas City from Stanley W. Cowherd

NORTHERN NEWS

(Continued from page 13-N)

K-D Builders (Edward J. Demeter) have begun 650 ranch and split-level houses in Hudson, Ohio, at a 190-acre subdivision known as Brentwood . . . Orrin Thompson opened two \$12,250 models last month in Coon Rapids, Minn., north of Minneapolis. He plans 600 houses there this year, and as many more in 1956 . . .

Parade of Homes at Show

Annual home show of HBA of Greater St. Louis drew attendance of 177,000, breaking last year's record by 55,000. Three full-size homes built alongside the Arena were a major attraction, according to Ben Goldberg, chairman, as was an



Irwin



Wall

elaborate display of ten winning architectural designs submitted by college students . . . Richard B. Irwin has been named executive secretary of the HBA of Metropolitan Pittsburgh and of the Pennsylvania State HBA. Edgar Hagel of Pittsburgh's South Hills area is the new state president . . . Michigan Retail Lumber Dealers Assn. has appointed Donald F. Wall as assistant secretary . . .

New association magazines are putting in an appearance, a first edition rolling this month at Wich-



Avenue of Homes at St. Louis Show

These furnished houses, built in a row opposite the entrance to the Arena, attracted many thousands to nine-day home show of HBA of Greater St. Louis. At top is the new Glasgow Village model of Clarence T. Wilson; center is type of home built by Melvin H. Glick and recently featured on television; below is new National Homes model built by St. Louis Construction Co. After show, Glick sold his home for \$8,900, donated money to local charities



Changing Leaders

Marvin M. Helf, president of the HBA of Greater Cleveland, presents service plaque to Leonard F. Merrick, retiring president

ita, Kans., and next month at Youngstown, Ohio. Wichita chapter has acquired a three-story house at 1120 N. Broadway and was to open its headquarters there about April 1. Other new addresses are. HBA of Hartford County, 14 Oakwood Ave., West Hartford, Conn., and Columbus HBA, 22 S. Young St., Columbus, Ohio . . . Columbus is advising members who sign for the Parade of Homes next National Home Week that they will save at



Long Island Installs

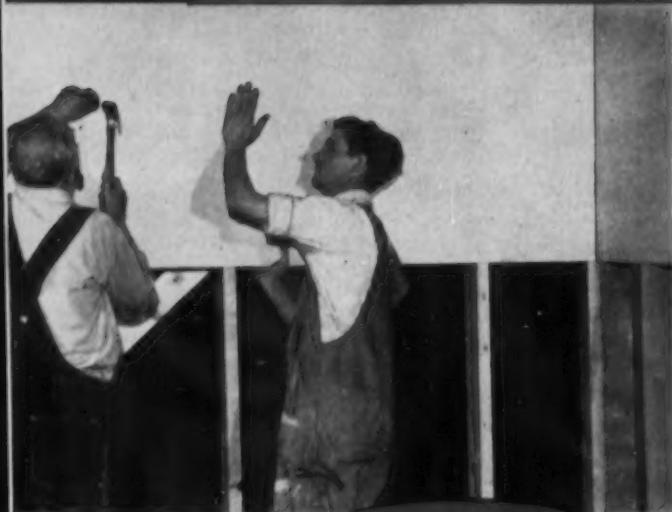
Former leaders Kalman Klein and Walter Stackler hand gavel to Emil M. Keen, new president of Long Island Home Builders Institute

least \$600 on the going price of lots in the area and that more lots will be available to them after the parade . . . J. Everett Christiansen has succeeded Bob Hathaway as executive secretary of Montgomery County Builders Assn., Dayton, Ohio . . .

Long Island Home Builders Institute has expanded its activities to include a construction research department, reports Emil Keen, president.



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SHEETROCK

T.M. Reg. U.S. Pat. Off.

the fireproof gypsum wallboard

Dry walls are beautiful walls—smooth, even, strong—when they're made of SHEETROCK. And they're easy to build, because SHEETROCK comes in big, *yet lightweight*, panels that nail up quickly and easily—up to 48 sq. ft. of wall in each panel. Joints are beautifully concealed with the PERF-A-TAPE* Joint System, giving you walls that are really "smooth selling."

*T.M. Reg. U.S. Pat. Off.

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RIPPLE

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No Priming... No Mixing Required

... the ideal "one material" paint for concealing the last traces of dry-wall joints, and minor surface imperfections. TEXOLITE Ripple comes in 12 gorgeous colors, ready to use right from the can. Just stir and apply. Roll it, or brush it *and* roll it. Flows on freely, dries fast, covers beautifully. Its washable, smooth stipple finish gives walls a luxurious look that assures you "smooth selling" ahead.

For complete information, see your U.S.G. representative; or write Dept. AB-1, 300 W. Adams St., Chicago 6.



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- 2. **PLANS FOR NEW HOMES**—109 beautiful modern designs in wide variety of styles and sizes. 32 in full color 50c
- 3. **HOMES IN BRICK**—114 designs of medium and large homes. Includes color section of ranch styles in brick, stone and frame \$1.00
- 4. **SUCCESSFUL FIREPLACES**—200 pictures, outdoor (patio) and indoor types including correct construction details. Reliable, authentic, information \$.75
- 5. **ALL-AMERICAN HOMES** 3rd edition—featuring 120 different designs in varied types of construction. 64 in full color 50c
- 6. **SUNSHINE HOMES**—62 appealing designs, pleasantly styled. 2 and 3 bedroom sizes. Many without basements 50c
- 7. **AMERICA'S BEST**—2nd edition. Over 120 outstanding designs. All styles 2 and 3 bedroom. 64 in full color 50c
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- 10. **NEW SMALL HOMES**—Over 80 new plans, 32 in full color. Many sizes, 650 to 1175 sq. ft. floor space 1, 2 and 3 bedrooms 50c
- 11. **100 NEW HOMES**—A wide variety of styles—ranch, colonial and modern—makes selecting easy. 2 to 4 bedrooms. Many in color 50c
- 12. **NEW BRICK HOMES**—64 designs in brick exteriors, every one a genuine beauty. Wide range of styles and sizes 50c
- 13. **SMALL SOUTHERN HOMES**—very pleasing designs for small families. All one story. Mostly 2 bedroom—a few 3 bedroom. Suitable for all areas. Most without basements 50c
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- 15. **KAMP KABINS AND WEE HOMES**—Over 50 designs suitable for year around and summer use—in town or country 50c
- 16. **NEW AMERICAN HOMES**—98 of our most popular larger homes. A beautiful selection—tested for popularity \$1.00
- 17. **BLUE RIBBON HOMES**—One of our most popular books—2nd edition. 107 designs. 32 in full color 50c
- 18. **YOUR NEW HOME PLANS**—A 2nd edition of 119 designs (many in color) widely varied in style and materials—2 and 3 bedroom 50c
- 19. **COMPLETE SET** of above books in one order for only \$8.00—a \$2.75 SAVINGS.
- 20. Plan set No. shown on left.

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Enclosed is \$..... cash, check or money order for books checked above.

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American Builder Ideas in Action



Sold before the roof was on . . .

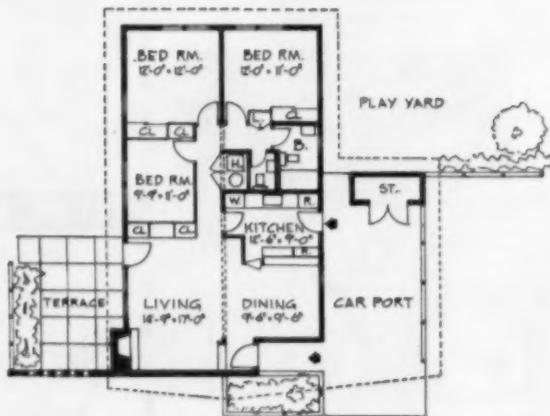


. . . the completed model sold 20 more

Indianapolis, Ind.

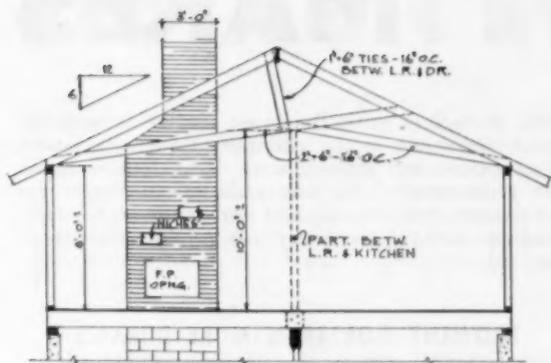
Robert F. Wirsching of Indianapolis buys this house, which is architect-designed, from his local lumber dealer as a package. The outside walls and part of the interior walls are panelized. The rafters are precut, and the storage walls are pre-assembled. This method of operation has cut carpentry labor time on the site to a minimum, Wirsching reports.

On a \$2,500 lot, the house costs \$17,900 without a basement. With a basement, the sales price jumps another \$1,500. Air conditioning is optional at an extra cost of \$1,000.



Open planning with good circulation helped win a NAHB Merit Design Award for the house. Kitchen entry can serve bedroom area, reducing cross traffic through living room

from the North



Sloped ceiling is a plus idea. Here's how roof is framed to get it



Use of natural cedar siding on end wall is a novel treatment. Fireplace helps, too, with raised hearth and suspended bookshelves alongside

Talking points keep the sales curve UP

Metuchen, N.J.

What makes a house a quick seller? *It all depends on what's in the house*, say Brisby Builders of Metuchen, New Jersey. The *plus* features shown here, from Brisby's 3-bedroom 2-bathroom ranch model, are creating quick sales for this builder.

Perhaps the biggest plus feature is the 12 by 13-foot kitchen, with its novel pass-through, dishwasher, built-in oven, ventilating fan, ample storage and counters. Bathrooms have tiled walls, built-in vanities, glass-enclosed shower and clothes chute.

Architect was George W. Doylan. The house has full basement, sells for \$26,500.



Pass-through is really a space divider, has generous width of 6 feet. Note also inlaid ceramic tile counter top with built-in cooking units



The true ranch-type look. The 2-car garage, with an entrance to basement, is a big drawing card



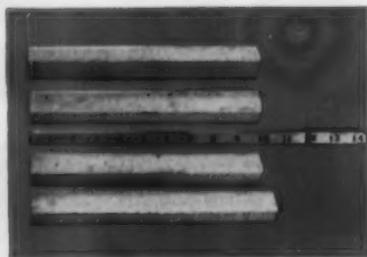
BRIXMENT MAKES

BRIXMENT is a water-proofed masonry cement for every kind of brick, tile, concrete block or stone masonry, and also for stucco and plaster. Brixment complies with the requirements of the American Society for Testing Materials Specification C91 and the Federal Specification SSC-181 for Masonry Cement (both Type I and II). Specify one part Brixment, three parts damp sand.

BRIXMENT MAKES SOUND MORTAR



The autoclave test requires the use of a high pressure steam chest (above). Neat cement bars approximately 1" x 1" x 10" are exposed to 295 lbs. steam pressure, 420°F., for 3 hours.



The two bars above the ruler are both Brixment, before and after autoclaving. The Brixment is sound—it has not expanded. The two bars below the ruler are portland cement and lime, before and after autoclaving. They are made of one part portland and one part a lime which does not meet the autoclave test. Note the expansion—proof of unsoundness.

Sound mortar is essential for strong, durable brickwork. To be sound, mortar must be free of constituents which may cause abnormal expansion after long exposure to weather.

Unsoundness in mortar material is readily detected by the autoclave test. This severe test rapidly accelerates the chemical reaction of mortar materials, and the slightest unsoundness is immediately revealed by excessive expansion.

Brixment easily meets the requirements of the autoclave tests included in Federal and ASTM Specifications for Masonry Cement. Therefore, when Brixment is used, sound mortar and strong, durable brickwork are assured.

BRIXMENT MORTAR ASSURES STRONG WALLS



The strength of Brixment mortar is more than adequate for any type of brickwork. The strength of

brick piers laid with Brixment mortar is approximately the same as the strength of piers laid with 1-1-6 cement and lime mortar. Brixment is therefore recommended for any kind of masonry—for foundations, load-bearing and parapet walls, for free-standing stacks—for every use where strength is required.

BRIXMENT MORTAR IS MORE DURABLE



To compare the durability of Brixment with that of ordinary lime-and-cement mortar, make a cylinder or block of each, let both cure for a month or so, then freeze and thaw them about 15 times in your deep-freeze with a little water in the pan.

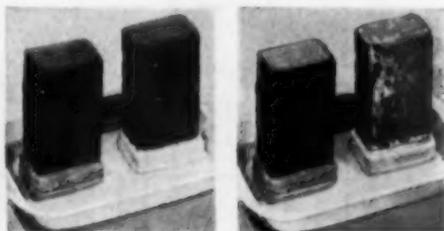


After a number of freezings and thawings, you will note that the cylinder of Brixment mortar retains its original condition, while the cylinder of non-waterproofed materials has badly crumbled and scaled.

For permanent strength and beauty, mortar must be *durable*—must be able to withstand the alternate freezing and thawing to which it is subjected many times each winter.

Brixment mortar is *durable*. This durability is due partly to the strength and soundness of Brixment mortar, and partly to the fact that an air-entraining water-repelling agent is incorporated into Brixment during manufacture. This helps prevent the mortar from becoming saturated—therefore helps protect it from the destructive action of freezing and thawing. Walls built with Brixment mortar therefore *retain* their original strength and appearance.

BRIXMENT MORTAR HELPS PREVENT EFFLORESCENCE



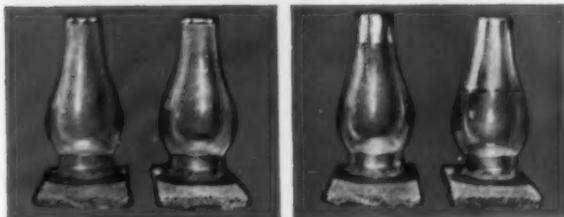
To test Brixment and ordinary lime-and-cement mortar for resistance to efflorescence, "cap" two brick heavily with the mortars—let harden, and keep both brick for a few weeks in a shallow pan of water, as shown. See the difference with Brixment mortar!

Efflorescence is an outcropping of minute white crystals on brickwork. It is caused by soluble salts which are present in almost all masonry materials. When reached by water, these salts dissolve and may be drawn, by evaporation, to the surface of the wall.

BETTER MORTAR!

Brixment helps prevent efflorescence. The air-entraining water-repelling agent in Brixment helps to prevent water from saturating the mortar and dissolving the small amount of salts that it may contain. Moreover, Brixment mortar prevents water from percolating down through the wall, dissolving salts which may be in the brick, and carrying them to the surface.

BRIXMENT MORTAR IS MORE IMPERMEABLE



Prepare two slabs of mortar, one with Brixment and one with ordinary lime-and-cement mortar. After mortars have hardened, seal a lamp chimney to each of the mortar slabs, and fill with water.

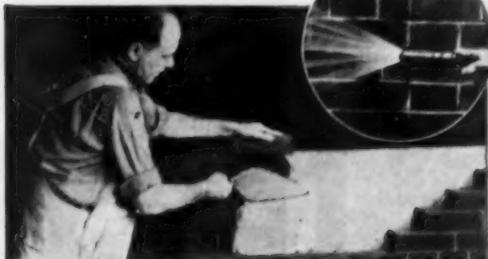
After 24 hours, note how much water has gone into and through the ordinary lime-and-cement mortar and how little water has gone into or through the Brixment mortar.

Impermeability is the ability of a mortar to withstand the passage of water. It improves the durability of the structure because it helps prevent the mortar from becoming saturated, and thereby helps protect it from freezing and thawing. It helps prevent efflorescence, because it checks the passage of water, and keeps it from percolating down through the wall. It helps prevent the absorption of harmful moisture up from the foundation and into the wall.

Brixment mortar is more impermeable. It contains an effective air-entraining water-repelling agent, so that even under pressure, water will not readily penetrate Brixment mortar. Brixment meets the special requirements of the Federal Specifications for water-repelling masonry cements.

BRIXMENT MORTAR HELPS PREVENT LEAKY WALLS

This kind of brickwork will not leak. All head-joints are full and the face brick are back-plastered before the back-up brick are laid.



Dry brick walls are much more a matter of good design and good workmanship than a result of the

mortar materials used. When a wall leaks, water almost never passes through the brick or through the mortar. It works its way through cracks or openings between the brick and mortar. Even when full joints are secured, all cracks may not be eliminated. The best precaution, therefore, is to parge or backplaster the face brick with water-proofed mortar before the backup units are laid. Brixment is waterproofed during manufacture. Therefore, if the face brick are backplastered with Brixment mortar, a water-repelling barrier is set up against the further penetration of any water which may have worked its way through cracks or voids in the outside four inches of the wall.

BRIXMENT MORTAR HAS GREATER PLASTICITY AND BETTER WATER-RETENTION



Place a dob of Brixment mortar and a dob of ordinary lime-and-cement mortar on a brick. Wait a minute, then feel each mortar. The one that stays plastic longer will be the one having the highest water-retention. Feel the difference with Brixment mortar!

Brixment's exceptional plasticity has made it the most widely-used masonry cement in the field. Brixment mortar makes it easy for the bricklayer to secure neat, economical brickwork.

Brixment mortar also has high water-retaining capacity (the ability of a mortar to retain its moisture when spread out on porous brick). Brixment strongly resists the sucking action of the brick and stays smooth and plastic longer when spread out on the wall. *This permits a more thorough bedding of the brick and a more complete contact between the brick and the mortar.* The result is better bond and hence a stronger and more watertight wall.

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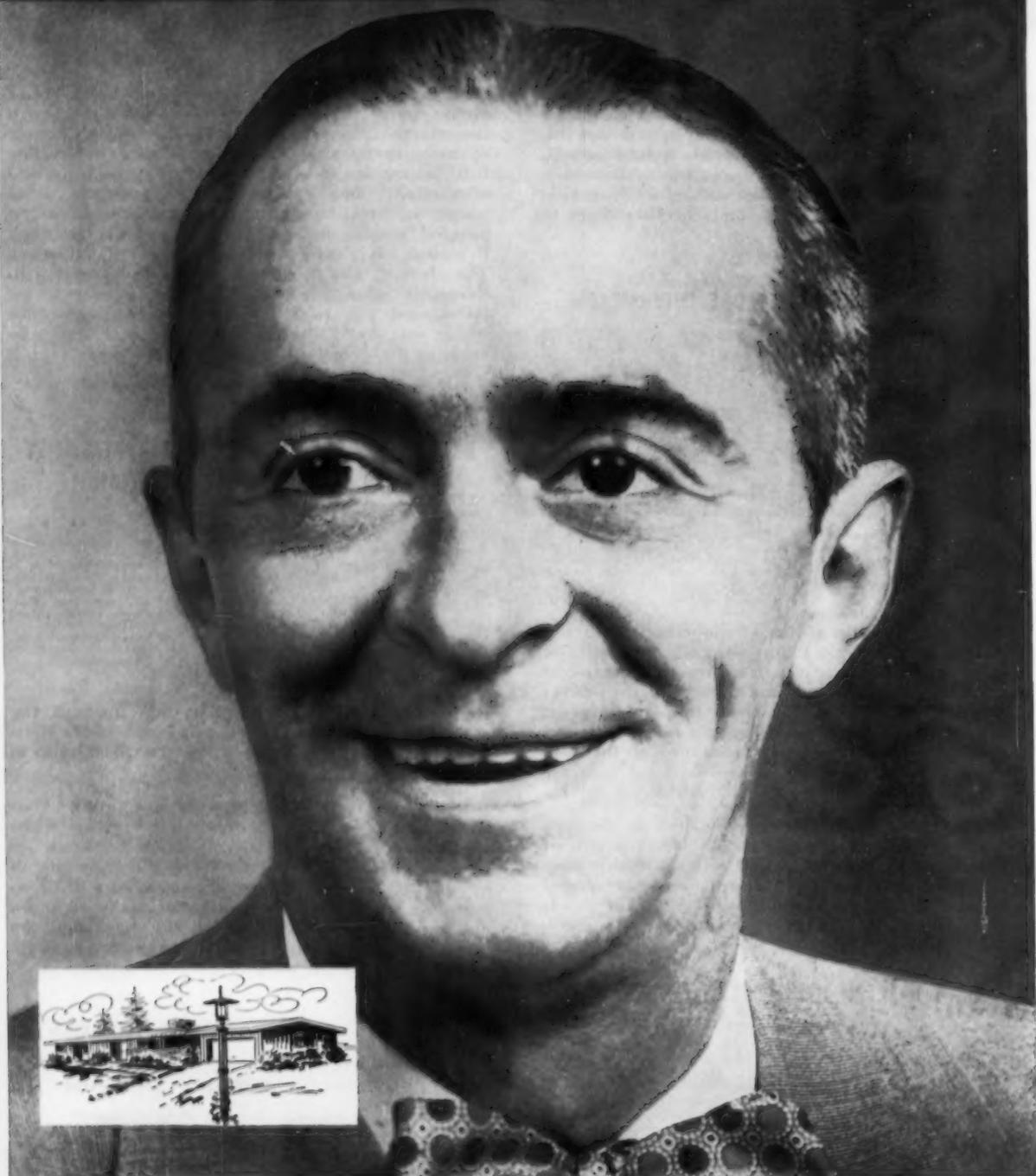
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The Saturday Evening
POST

—gets to the heart of America

AMERICAN BUILDER

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Trade it in on a new super-duty SKIL Saw and save \$22⁵⁰

Own a great new SKIL Saw! Power increased up to 107%. Blade speed up 40%! Lighter weight and greater performance than ever before. At the lowest prices in history.

Choose from these two models

NEW SKIL SAW 77 (7 1/4" Blade—Super Duty)—
Speed increased 40% to 4500 r.p.m. and weight cut to 15 1/4 lbs. Power output boosted 100%. Depth of cut 2 3/4 inches—Bevel cuts 2" dressed lumber at 45°. Most popular SKIL Saw for all-around carpentry—the standard for general construction. Power to cut wet lumber or tough materials such as metal, stone, compositions.

Price, New Model 77 less case..... \$112.50
Trade-in credit..... 22.50
YOUR COST, ONLY..... \$ 90.00

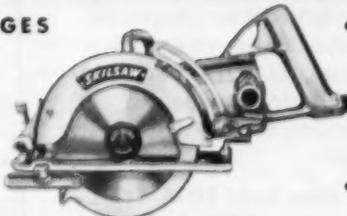
NEW SKIL SAW 825 (8 1/4" Blade—Super Duty)—
Speed boosted 34% to 4000 r.p.m. and weight reduced to 17 1/4 lbs. Power output increased 107%. Depth of cut 2 3/4 inches. Bevel cuts 2" rough lumber at 45°. A powerful, super duty saw, ideal for use on either residential or commercial construction. Powered to easily cut 2" rough lumber—wet or dry—as well as many other tough and resistant materials.

Price, New Model 825 less case..... \$134.00
Trade-in credit..... 22.50
YOUR COST, ONLY..... \$111.50



LOOK AT THESE ADVANTAGES

- LESS FRICTION! All Ball Bearing
- CONVENIENT! Full Size Top Handle
- VERSATILE! Foot Design Permits Right or Left Cuts
- MORE SAFETY! Satin Finish Reduces Glare



- SAFER! Telescoping Guard
- CONTROL! In-Line Rear Handle
- ACCURATE! Blade Visible at Cut
- CLEAR SIGHTING! Effective Sawdust Blower
- HIGH TORQUE—Low-Ratio Worm Drive

Limited Offer! Hurry, this saving opportunity ends May 31, 1955. It is made now only because the response to our introductory Trade-in Program last Fall was so overwhelming that many builders were disappointed. Offer positively must close May 31, 1955.

SKIL
PORTABLE TOOLS

Made only by SKIL Corporation
formerly SKILSAW, Inc.
5033 Elston Avenue, Chicago 30, Ill.
Factory Branches in ALL Leading Cities

FREE! Mail Coupon Now!

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- Please advise name of nearest SKIL Distributor
 Have a salesman call to make a demonstration.

Name _____ Title _____
Company _____
Street _____
City _____ Zone _____ State _____

Call your nearest SKIL Distributor or write for information

ARE YOU FLYING SOLO?



THE BUILDER who "goes it alone" makes his job—needlessly—more difficult. He passes up the benefits of group action; he passes up sources of information that mean growth and prosperity.

By joining your local Association of home builders, you share the technical ability of scores of other local builders, thousands of other builders located around the country, and the assistance of NAHB's Technical Services Department.

Membership is of two categories: *Builder* and *Associate*. The latter consists of representatives of interests allied with building, such as mortgage bankers, materials dealers, architects, sub-contractors, etc.

Association dues pay for skilled non-profit partners in your business. The group becomes a clearing house for group insurance, bonded builder programs, public relations programs. It speaks for you at City Hall, at the County Courthouse, at FHA and VA offices. Dues are deductible as business expenses at income tax time (as are travelling expenses to and from annual NAHB Conventions).

To avoid flying solo, join your local HBA (this automatically makes you a member of the National Association). If none has been formed for your area, write to the Membership Department for complete details.

NATIONAL ASSOCIATION OF HOME BUILDERS
1028 Connecticut Avenue, N.W., Washington 6, D.C.

WHAT'S NAHB? An aggressive group of more than 29,000 home builders, contractors and sub-contractors, material suppliers, mortgage lenders, realtors, architects, building material manufacturers, all dedicated to a strong industry, free from unnecessary controls. Organized on national, state and community levels, it provides an effective means of voicing collective opinions on local and national matters. *Through membership in your local Association, you automatically become a member of the National group.*

ACTIVITIES OF NAHB. It represents you on Capitol Hill and before federal legislative groups; provides data on up-to-date design and construction techniques, mortgage finance information; engages in housing research; promotes National Home Week and the Parade of Homes; informs the public of industry activities through press, magazine, radio and TV; sponsors slum clearance programs, "trade secrets" meetings, annual conventions and expositions; your local association speaks for you at City Hall, at local FHA and VA offices.

NAHB provides these information services:

- *Washington Letter*—keeps NAHB members posted on trends that will influence operations; issued about three times monthly in concise, factual form.
- *Correlator*—monthly publication for members only, packed with Association news and information.
- *Housing . . . U. S. A.*—NAHB and Simmons-Boardman Publishing Co., publishers of American Builder magazine, combined forces to produce this interesting, informative, profusely illustrated volume on the merchant builder and the housing industry.
- *Special Bulletins* on new developments issued as circumstances warrant.
- *Technical Services Department* conducts continuing research to "build a better house with less money and fewer headaches"; examines new materials, construction techniques, land-planning methods. The Trade Secrets House was a product of this service available only to NAHB members.



AFFILIATED LOCAL ASSOCIATIONS
(Northern)

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HOME BUILDERS ASSOCIATION OF FAIRFIELD COUNTY
37 Bellin Circle, Trumbull 19, Conn.
Telephone # 423-4495

HOME BUILDERS ASSOCIATION OF HARTFORD COUNTY, INC.
62 LeSalle Rd., West Hartford, Conn.
Telephone # 2-4495

HOME BUILDERS ASSOC. OF GREATER NEW HAVEN
122 Welba St., Milford, Conn.
Telephone # Locust 2-1607

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HOME BUILDERS ASSOCIATION OF DELAWARE
503 South Maryland Ave., Wilmington 4, Delaware

DISTRICT OF COLUMBIA

HOME BUILDERS ASSOCIATION OF METROPOLITAN WASHINGTON
Suite 303, 1757 K St., N.W., Washington, D. C.
Telephone # Republic 7-1174

ILLINOIS

CHICAGO METROPOLITAN HOME BUILDERS ASSOC.
130 W. Randolph St., Chicago 1, Ill.
Telephone # Franklin 2-9740

HOME BUILDERS ASSOCIATION OF DECATUR
1812 W. Forest, Decatur, Ill.
Telephone # 3-4451

HOME BUILDERS ASSOCIATION OF ROCKFORD
707 Central Bank Bldg., Rockford, Ill.
Telephone # 229 E. Jefferson St., Springfield, Ill.

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HOME BUILDERS ASSOCIATION OF MONTGOMERY COUNTY
606 E. Main, Crawfordsville, Ind.
HOME BUILDERS ASSOCIATION OF FORT WAYNE
4338 Drury Lane, Ft. Wayne, Ind.
EVANSVILLE HOME BUILDERS ASSOCIATION, INC.
1201 E. Riverside Dr., Evansville, Ind.
Telephone # 4-1520

MARIION COUNTY RESIDENTIAL BUILDERS, INC.
206 Evans Bldg., 136 No. Delaware St., Indianapolis, Ind.
Telephone # WA-1387

MUNCIE HOME BUILDERS ASSOCIATION
221 Hutchinsin, Muncie, Ind.
Telephone # 2-1264

HOME BUILDERS ASSOCIATION OF NORTHERN INDIANA
2801-9th Ave., Gary, Ind.
SOUTH BEND-MISHAWAKA HOME BUILDERS ASSOCIATION
Box 59, RR #6, Ireland Road, South Bend, Ind.
Telephone # AM-5-5108

HOME BUILDERS ASSOC. OF INDIANA, INC. (State)
310 K. of P. Building, Indianapolis, Ind.
Telephone # Market 3281

IOWA

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411 W. Milner St., Ottumwa, Iowa
HOME BUILDERS ASSOCIATION OF CEDAR RAPIDS
1628 Park Ave., S.E., Cedar Rapids, Iowa
Telephone # 3-9495

HOME BUILDERS ASSOCIATION OF DES MOINES
600 Mulberry St., Des Moines, Iowa
Telephone # 2-8519

HOME BUILDERS ASSOCIATION OF FORT DODGE
720-12th Ave., No. Fort Dodge, Iowa
Telephone # Austin 4-642

HOME BUILDERS ASSOCIATION OF MASON CITY
189 East State, Mason City, Iowa
QUAD CITY ASSOCIATION OF HOME BUILDERS
2434 Dugan Court, Davenport, Iowa
Telephone # 3-5054

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434 Commerce Bldg., Sioux City, Iowa
Telephone # 5-9730

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TOPEKA HOME BUILDERS ASSOCIATION
121 E. 8th St., Topeka, Kansas
WICHITA ASSOCIATION OF HOME BUILDERS
620 S. Minnesota, Wichita 2, Kansas
Telephone # AB 5-6273

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HOME BUILDERS ASSOCIATION OF MARYLAND
7 E. Lexington St., Baltimore 2, Md.
Telephone # PL 8-532

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HOME BUILDERS ASSOCIATION OF MAINE
119 Exchange St., Portland, Maine
Telephone # 3-1786

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HOME BUILDERS ASSOC. OF GREATER BOSTON
7 Water St., Boston 6, Mass.
Telephone # LA 3-2910

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92 Wood St., Somerset, Mass.
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151 Main St., Worcester 8, Mass.
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MICHIGAN ASSOC. OF HOME BUILDERS (State)
307 American State Bank Bldg., Lansing, Mich.

BATTLE CREEK ASSOCIATION OF HOME BUILDERS

717 Union Ave., Battle Creek, Mich.
BUILDERS ASSOC. OF METROPOLITAN DETROIT
2316 Dime Bldg., Detroit 26, Mich.
Telephone # W8 3-1454

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1813 Bennett Ave., Flint 6, Mich.
GRAND RAPIDS HOME BUILDERS ASSOCIATION
800 Association #1 Commerce Bldg., Grand Rapids, Mich.
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Telephone # 5-1965

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SAGINAW VALLEY BUILDERS ASSOCIATION
222 North Bates, Saginaw Michigan
HOME BUILDERS ASSOCIATION OF SOUTHWESTERN MICHIGAN
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WASHTENAW COUNTY GENERAL CONTRACTORS, INC.
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MINNEAPOLIS HOME BUILDERS ASSOCIATION
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Telephone # Lincoln 0531

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ST. PAUL HOME BUILDERS ASSOCIATION
79 Western Ave., Commodore Hotel, St. Paul 2, Minn.
Telephone # Elkhart 3-004

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725 E. 4th St., Willmar, Minn.

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4638 J. C. Nichols Parkway, Kansas City 12, Mo.
Telephone # Jefferson 6-366

HOME BUILDERS ASSOC. OF GREATER ST. LOUIS
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HOME BUILDERS ASSOCIATION OF SPRINGFIELD (MO.)
1433 So. Pickwick, Springfield, Mo.

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HOME BUILDERS ASSOCIATION OF LINCOLN
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Telephone # 2-3395

OMAHA HOME BUILDERS ASSOCIATION
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Telephone # Atlantic 3-240

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Brighton Hotel, Atlantic City, N. J.
Telephone # 5-7493

HOME BUILDERS ASSOC. OF METROPOLITAN N. J.
Military Park Hotel, Suite 733, 16 Park Place, Newark 1, N. J.
Telephone # Market 3-0314

HOME BUILDERS OF BORTHEN N. J.
25 Essex St., Northbrook, N. J.
Telephone # Hubbard 7-2733

NEW JERSEY SHORE BUILDERS ASSOCIATION
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Telephone # Monmouth 7-0502

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HOME BUILDERS ASSOCIATION OF SOMERSET & MORRIS COUNTIES
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622 Conner St., Camden, N. J.
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146 Hanover St., Trenton, N. J.
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Telephone # Kingsbridge 7-8181

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Telephone # Corning 2-1551

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12 Spring Street, Beacon, N. Y.
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570 Fulton Ave., Hempstead L. I., N. Y.
Telephone # Ivanhoe 1-8400

NIAGARA FALLS HOME BUILDERS, INC.
210 Hancock Bldg., Niagara Falls, N. Y.
Telephone # 5711

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Telephone # Cleveland 1850

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Telephone # Baker 5487

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2048 Conledge Place, Schenectady, N. Y.

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Telephone # Brentville 2-3508

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Telephone # PH 2-2013

HOME BUILDERS ASSOCIATION OF STARK CO., INC.
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Telephone # 5-0207

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Telephone # GA-4242

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Allerton Hotel, E. 13th & Chester Ave., Cleveland 11, Ohio
Telephone # Cherry 1-2920

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16 E. Broad St., Suite 1300, Columbus, Ohio
Telephone # WA 1-357

HOME BUILDERS ASSOCIATION OF BUTLER COUNTY
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Telephone # 4-7079

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1460 Chestnut St., Lancaster, Ohio
HOME BUILDERS ASSOCIATION OF LAKE COUNTY
30150 Lakeland Blvd., Wickliffe, Ohio
LBRAIN HOME BUILDERS ASSOCIATION
824 Highland Park Blvd., Lorain, Ohio
HOME BUILDERS ASSOCIATION OF NEWARK
Box 28, Newark, Ohio
HOME BUILDERS ASSOCIATION OF PORTSMOUTH
930 10th St., Portsmouth, Ohio
HOME BUILDERS ASSOC. OF MANHAWA VALLEY
3119 Market St., Suite 200, Youngstown 7, Ohio
Telephone # Sterling 8-2222

HOME BUILDERS ASSOCIATION OF MANSFIELD
618 Coleman Rd., Mansfield, Ohio
MONTGOMERY COUNTY BUILDERS ASSOCIATION
132 N. Main St., Dayton 1, Ohio
Telephone # Nighting-0323

NORTHWESTERN OHIO CONTRACTORS AND BUILDERS ASSOCIATION
793 Serrif Rd., Lima, Ohio
OHIO HOME BUILDERS ASSOCIATION (State)
111 East Gay St., Columbus 15, Ohio
Telephone # Fletcher-3112

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Box 616-506 Felck Bldg., Sandusky, Ohio
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Ohio Fuel Gas Co., 101 W. High St., Springfield, Ohio
TOLEDO ASSOCIATION OF HOME BUILDERS, INC.
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HOME BUILDERS ASSOCIATION OF MARION
R. R. #1, Marion, Ohio
Telephone # 2-6660

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345 Fourth Ave., Pittsburgh, Pa.
THE HOME BUILDERS ASSOCIATION OF METRO POLITAN PITTSBURGH
345 Fourth Ave., Pittsburgh, Pa.
Telephone # AT 1-9534

HOME BUILDERS ASSOC. OF FAYETTE COUNTY
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701 Belmont Ave., Johnstown, Pa.
HOME BUILDERS ASSOC. OF NORTHWESTERN PENN.
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LEHIGH VALLEY HOME BUILDERS ASSOCIATION
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MORRIS COUNTY BUILDERS AND CONTRACTORS ASSOCIATION
R. D. #1 East Stroudsburg, Pa.
HOME BUILDERS ASSOCIATION OF PHILADELPHIA & SUBURBS
Robinson Bldg., 42 So. 15th St., Philadelphia, Pa.
Telephone # R 4-6588

SHENANGO VALLEY HOME BUILDERS ASSOC., INC.
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HOME BUILDERS ASSOCIATION OF RHODE ISLAND
Rm. 211, 433 Westminster St., Providence, R. I.

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Telephone # 5-6579

HOME BUILDERS ASSOCIATION OF LACROSSE
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MILWAUKEE BUILDERS ASSOCIATION
6511 W. Blue Mound, Milwaukee, Wis.
Telephone # Wagonwheel 8-9850

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WISCONSIN BUILDERS ASSOCIATION (State)
206 E. Main St., Madison, Wis.
RACINE-KENOSHA HOME BUILDERS ASSOCIATION
610 Main St., Racine, Wis.
Telephone # 4-1713

NOTE: Only Telephone Numbers listed that were available.

Ideas in Action from the North



The brick wall is part of heating system

Pottstown, Pa.

A unique feature in this 3-bedroom house is the all-brick wall in the kitchen, which is as functional as it is decorative.

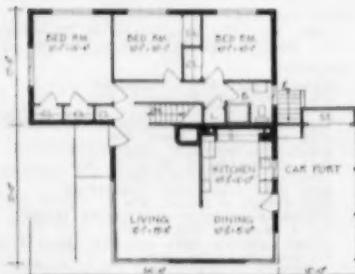
It houses the flue for the basement fireplace, air duct for the kitchen fan, enclosure for the range and oven, knotty pine kitchen cabinets and whatnot storage space, flue for the heating plant which is in

the basement, cold air returns for over half the house, and the fireplace and flue for the living room.

The house sells at \$18,850, including the lot and Thermador range and oven. A recreation room in the basement is finished with a wainscoat of mahogany panels. It also has a corner fireplace and asphalt flooring.



Living room fireplace is at one end of brick wall



Designer and builder was Allen K. Davidheiser, Incorporated



Exterior walls are frame and face brick. Massive brick chimney blends with lines of house



PLAYROOM IN BASEMENT LEVEL, instead of a garage. "People would rather have a place to park their children than to park their cars"



A THIRD BEDROOM, IN EXPANSION ATTIC, designed without dormers so that it can be finished off at relatively small cost



LARGE, FULL-VIEW WINDOW IN KITCHEN, tiled kitchen walls and a triple medicine cabinet in the bathroom all drew big response from buyers

What made it sell

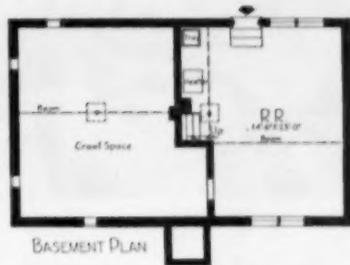
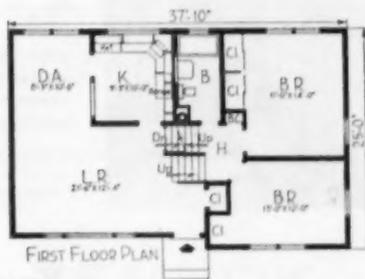
134 in 44 days?

Yonkers, N.Y.

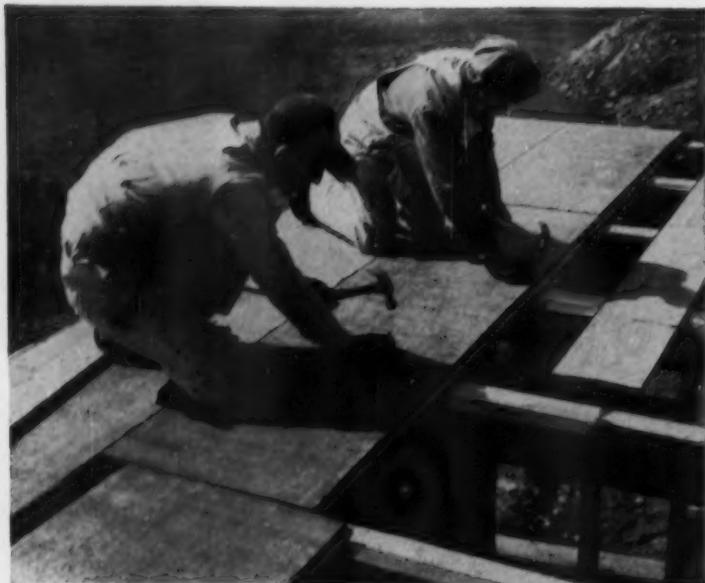
Analyzing reasons why their Park Knoll development at Roxbury has been their most successful sales job to date, Crossway Construction Company came up with the points visualized here. In addition, location was of course a big factor, the tract being situated within 5 miles

of the New York City line. The builders did not use any advertising.

Crossway called their basic model "the Ascot," designed it so that it can be built easily on top of solid rock. The house was offered at \$16,200, or \$16,850 with the expandable third bedroom completed.



FRONT ENTRANCE ARRANGED AS A SMALL FOYER was a design feature that pleased visitors to the model



**Cuts installation time 70% . . .
makes strong, tight roof**

Four men can cover a 30' x 40' flat roof with Armstrong Temlok® Roof Deck in just a little over 6 hours. With conventional materials the job would take 20 hours. As the carpenter puts down each 2' x 8' piece of roof deck, he installs 16 square feet of roof deck, 16 square feet of roof insulation, 16 square feet of vapor barrier, and 16 square feet of finished ceiling. The savings in labor can cut costs as much as \$250 per house . . . a dramatic example of the cost-cutting advantages of contemporary open beam construction.

SLASH TIME

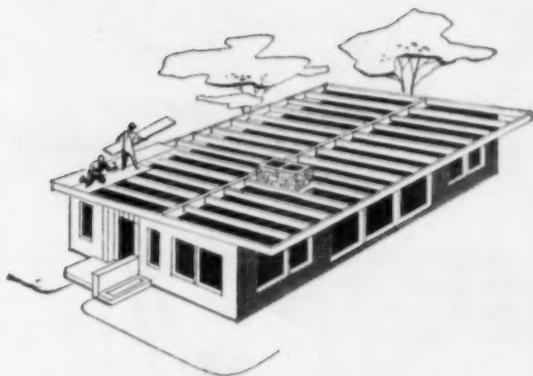


**Cuts installation time 35% . . .
adds valuable insulation
and extra strength**

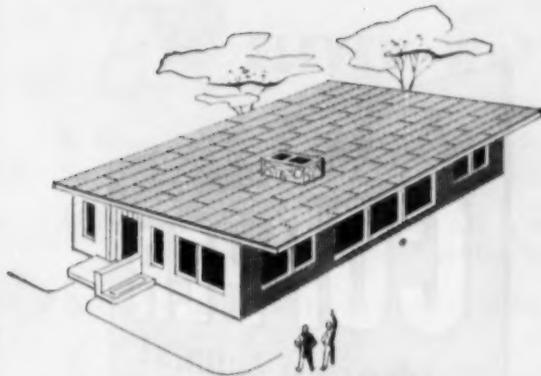
Two men can cover a house with Temlok Sheathing in less than a day. This compares with a day and a half for horizontal wood, and two days for diagonal. Temlok is much easier to handle than loose lumber off the truck, on the pile, and up the scaffold. Temlok's Rain-Shield® finish eliminates building paper . . . extra strength eliminates corner bracing . . . and large board size requires less nailing. These important time-savings can cut your building costs up to \$80 per house.

* Trade-Mark

You never stop saving with

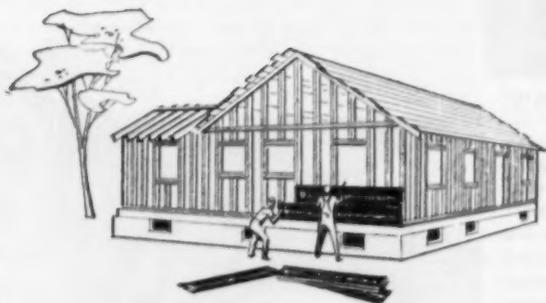


8:00 A.M. Roof Deck Job Starts. The big, lightweight boards are easy to handle, cover the roof fast. Each board has tongue-and-groove edges to speed installation. Durable and sturdy, Temlok withstands heavy roof traffic . . . gives roof extra strength and rigidity. The underside is painted light ivory—when you install Temlok Roof Deck, your ceiling is automatically finished at the same time.

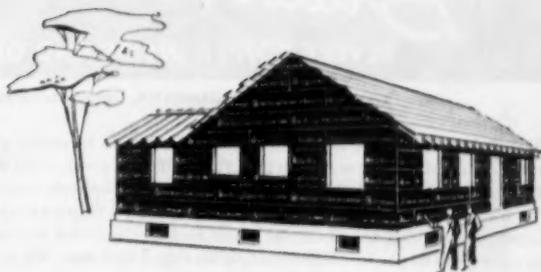


2:45 P.M. Roof Deck Job Completed. When carpenters apply Armstrong Temlok Roof Deck, they don't have to handle roofing boards, roofing paper, roof insulation, or interior finish. Temlok Roof Deck alone does the complete job. For areas where the average January temperature is 40 degrees F. or lower, Temlok Roof Deck is available with a special vapor barrier for protection against moisture.

with TEMLOK



8:00 A.M. Sheathing Starts. Every time a 4' x 8' Temlok board is nailed in place, 32 sq. ft. of wall area is sheathed (16 sq. ft. with 2' x 8' sheets). Cutting, trimming, and fitting are held to a minimum. There's almost no dimensional loss—1,000 sq. ft. of Temlok covers virtually 1,000 sq. ft. Waste is less than 5%, compared to 20% with wood.



4:45 P.M. Sheathing Finished. Even if rain interrupts the job, there's no time lost except "rain time." Work resumes as soon as a storm passes. Temlok's new Rain-Shield finish, plus asphalt impregnation, makes every square inch of the board completely water repellent. There's no sticky coating to gum up saws and hands.

For full details on how to slash time with Armstrong Temlok building products, see your Armstrong lumber dealer or write Armstrong Cork Company, 3704 Rider Avenue, Lancaster, Pa.

Armstrong TEMLOK . . . house . . . after house

SHEATHING • ROOF DECK • INTERIOR FINISH

APRIL 1955

31

Another case of
COPPER
 where it counts!

REVERE COPPER CHIMNEY FLASHING
 AND GRAVEL STOP

REVERE COPPER VENT
 PIPE FLASHING

"The
 Bride's House"

REVERE COPPER INSIDE AND OUT!

Architect: J. HERBERT BURMEISTER, Jamaica, Long Island, N.Y.

"The Bride's House", which is featured in House Beautiful's Guide for the Bride Magazine was built by E.F. DROESCH and E. AMOROSO, in Plainview, Long Island, New York. When the builders were asked why they picked Revere Copper they said, "It's a funny thing about copper water tube; for example; some builders will tell you that it's too expensive to use in homes costing less than \$15,000. We've found that with its ease and speed of installation it costs us less regardless of the price of the house. In addition it gives us a quality selling point with prospects, protects our reputation. We have also found sheet copper on the outside to be an equally potent sales feature."

Yes, the public knows copper, has accepted it for centuries as the badge of quality. Cash in on this acceptance, use and feature Revere Copper in your homes. Keep out of trouble with copper. Use it inside the home and out. And, if you have technical problems involving the best way to use Revere Copper, one of our Technical Advisors will be glad to help.

REVERE

COPPER AND BRASS INCORPORATED

Founded by Paul Revere in 1801

230 Park Avenue, New York 17, New York

Mills: Baltimore, Md.; Chicago and Clinton, Ill.; Detroit, Mich.;
 Los Angeles and Riverside, Calif.; New Bedford, Mass.; Reno, N. Y.
 Sales Offices in Principal Cities, Distributors Everywhere.

REVERE COPPER PLUMBING
 LINES THROUGHOUT

SALES POINTS EVERY ONE—when they are of enduring, rust-proof Revere Copper. People have learned over the years they can trust copper, so you never have to "justify" its use. And because it is so lasting, its cost per year of service is less. Build for good—build with Revere Copper.

THE FLOOR THAT'S *BETTER* ELEVEN WAYS



The floor with the **FLUSH FIT Super-Surface**

DURABLE—When installed in recommended manner, Higgins Block is the most durable wood flooring on the market, will remain free from damage and distortion under conditions that would ruin solid wood floors, and will last a lifetime.

ECONOMICAL—Each block is full precision-dimensioned; you order by net floor measurement. Factory prefinished, needs no on-the-job finishing; costs less laid down than any other *quality* floor—practically no upkeep expense.

EASY TO MAINTAIN—Factory wax-treated finish seldom, if ever needs refinishing. Regular dry mopping, occasional cleaning and waxing are sufficient and require little effort because wood pores are sealed against dirt and stains.

QUIET—Higgins Block absorbs sound, will not creak, has extraordinary resistance to shock, offers ideal solution to troublesome flooring problems, such as those encountered in dance studios, play rooms and gymnasiums.

DAMAGE RESISTANT—Special processing with a penetrating filler and sealer and toxic treatment provide high resistance to rot, vermin, rats and other hidden-damage factors.

LUXURIOUS BEAUTY—Final hot wax application is burnished into the surface and polished to a high luster to bring out the rich beauty of highest quality selected oak squares.

IDEAL OVER RADIANT HEATING—A Higgins floor lets heat through readily, yet is not affected by it. Damp-proof, it is favored by builders for ranch-type homes and other ground-level installations.

ADAPTABLE—In homes, apartments, offices, showrooms, stores, institutions, ships—anywhere, Higgins Block harmonizes with any decor, and with minimum care retains its beauty through the years, even in high-traffic public buildings.

The wood made world famous in Higgins hardwood-hulled fighting craft

- Flush Fit eliminates dust-catching surface grooves *
- Improved extra thick selected oak Super Surface with high-luster prefinish
- Can be sanded and refinished as often as necessary
- 9" x 9" oak hardwood blocks are easy to install
- 3-ply cross grain construction — tongue and groove
- Factory prefinish saves upward of a week's job time
- Extra thick selected oak face — quiet and comfortable
- Pressure bonded with marine-type glue—water repellent
- Toxic treated — vermin resistant, termite resistant, rot resistant
- Can be nailed over wood subfloor or laid directly on concrete slab

■ Ideal for radiant heat

*Also available with slight beveled edge

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PIONEERS AND WORLD'S LARGEST
MANUFACTURERS OF LAMINATED
HARDWOOD BLOCK FLOORING

Table-top
beauty!



Higgins

BONDED HARDWOOD BLOCK FLOORS

Effortless
cleaning!

SEE SWEETS:
Architectural $\frac{12J}{Hi}$
Light Construction $\frac{7d}{Hi}$
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AllianceWare
PORCELAIN ON STEEL

Bathtubs · Lavatories

Sinks · Closets

**FOR THE
 FINEST HOMES
 AND APARTMENTS**

Whether your demand is for sanitary fixtures in glistening gleaming white or for units of matched color in pink, tan, blue, green or grey, you'll find your choice in AllianceWare—the most complete line of formed metal sanitary fixtures—preferred by an ever-increasing number of progressive builders and plumbers from coast to coast.

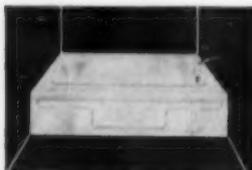
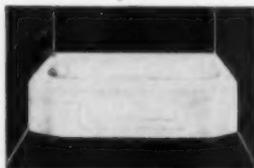
BATHTUBS

5-foot tubs—recess and corner models—of porcelain on steel each with an integral wall guard flange that prevents water leaks between tub and wall. The AllianceWare exclusive patented method of wall-hung installation keeps tub from settling and pulling away from the wall. AllianceWare design provides a "grab-rail" the full length of the tub for greater safety in entering and leaving the bath.

All AllianceWare tubs are available in white, pink, blue, green, grey, and tan.

For modernization —for a shower receptor

The AllianceWare "Junior" — a 42" recess tub illustrated below—excellent for modernization jobs in limited space and far superior as a shower receptor.



LAVATORIES

Wall-hung shelf back lavatory of porcelain-on-steel with or without overflow.

Flat rim lavatory with deep and generous bowl for tile or linoleum installations.

All AllianceWare lavatories are available in white and five colors.

CLOSETS

Close-coupled combinations—one a reverse trap, the other a wash down—the types most popular in today's construction. Each style assures positive, quick flushing.

Available in white and five colors.



DE LUXE SINKS

Porcelain-on-steel formed from heavy, 14 gauge. These sinks have double bowls or single bowls. Sliding drain boards are optional on some models. May be mounted on standard sink cabinets. Several models may be installed on legs without cabinet.

FLAT-RIM SINKS

Single bowl or double bowl, with and without faucet ledge. Also sink and tray combinations with and without faucet ledge. The design of these sinks permits a continuous tile or linoleum drain-board to run flush with the edges of the rims.

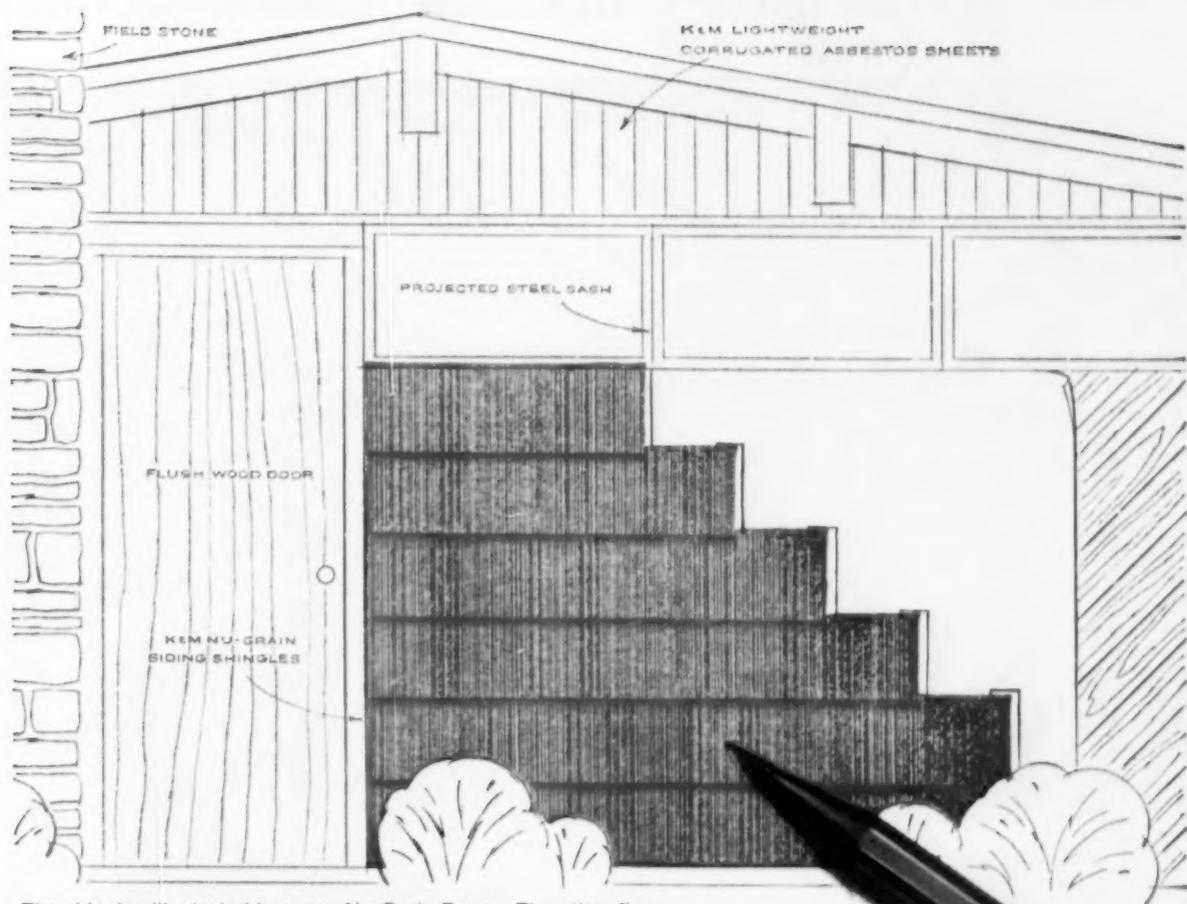
Write for the complete AllianceWare catalog of detailed specifications and installation diagrams.

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Plants in Alliance, Ohio and Colton, California

Bathtubs • Lavatories • Closets • Sinks

AllianceWare
PORCELAIN ON STEEL



The shingles illustrated here are Nu-Grain Brown. The other five available colors are: Green, Red, Whitetone, Gray, and Sepia.

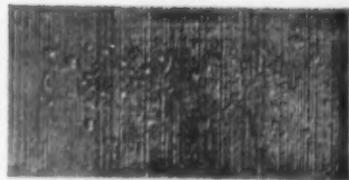
6 exciting colors add "buy appeal" —in K&M Nu-Grain Siding Shingles

Color's the key to easier, faster sales. And a home with colorful Nu-Grain Siding Shingles puts prospects in a buying frame of mind in a hurry. For extra appeal, some builders are using the Nu-Grain colors in combination; for example, one for the patio wall, another for the carport, still another for the front.

Attractive appearance. The wood shake pattern in the Nu-Grain Shingles makes them especially desirable to a prospective homeowner. And the clear, pronounced shadow lines of the shingles, when laid, help make satisfied homeowners.

Low upkeep. Maintenance costs are cut to a minimum, as K&M Nu-Grain Shingles never require protective painting. Made of asbestos fiber and portland cement, they won't burn, rot, or corrode. In fact, they become harder with age.

You will find details on K&M Nu-Grain Shingles in Sweet's Light Construction Files and Sweet's Architectural Files. For more information, contact your K&M distributor. Or write directly to us for a FREE FOLDER on these colorful shingles. Material also available on K&M roofing shingles.



SILICONE TREATED so water runs off!

Water-borne dirt, which ordinarily causes streaks under window sills and other trim doesn't readily gain a foothold on K&M Nu-Grain Siding Shingles. Water "balls up" instantly, and runs right off the shingles.

KEASBEY & MATTISON
COMPANY • AMBLER • PENNSYLVANIA



MAGNIFICENT, NEW GENERAL ELECTRIC WALL



In this de luxe refrigerator-freezer are 10.7 cubic feet of storage room—8.7 for fresh foods and 2 for frozen foods. It is 5 feet 4 inches long, 3 feet 3½ inches high and 17½ inches deep. **1.** The exterior is long-lasting baked enamel with a wide band of textured aluminum. **2.** All 3 doors have famous alnico magnets. There are no handles, no catches. **3.** Separate vegetable and fruit crispers have transparent sliding doors. **4.** Top shelf provides space for tall bottles. Shelves are adjustable to various levels. **5.** Separate compartments inside door for butter, egg rack; and door shelves for small jars and cans. **6.** Zero-degree freezer has room for up to 83 packages of frozen foods. **7.** Four new-style Mini-Cube ice trays. **8.** Frozen fruit juice storage rack. **9.** Dependable and whisper-quiet.

REFRIGERATOR-FREEZER



Little or no remodeling necessary. The new G-E Wall Refrigerator-Freezer can be installed with little or no remodeling in most homes. The cabinet is mounted safely and securely to a sturdy, 5-foot mounting bracket which is screwed to the wall. It can be moved and rehung in another location, if and when desired.

Hangs on the wall like a picture

Now, you can offer your clients something unique in refrigerator design. This magnificent refrigerator-freezer that hangs from the wall provides a completely new and advanced concept of modern living. Truly, it is the most convenient and magnificent refrigerator-freezer ever produced!

The advantages of this utterly new G-E Wall Refrigerator-Freezer are obvious: there's no need to bend or stoop for foods because everything can be seen at a glance. The new G-E Wall-Refrigerator is luxuriously convenient in other ways, too. It can be installed directly above a work counter to provide *extra* counter surface. And, there's room in the kitchen for *extra* base cabinets because this compact new appliance occupies no floor space.

All three doors are equipped with famous alnico magnets that grip the doors shut . . . no projecting handles.

The new G-E Wall Refrigerator-Freezer is available in a choice of six Mix-or-Match colors including white.

Only a limited number of G-E Wall Refrigerator-Freezers are now being produced. Call your G-E distributor, or send the coupon below. General Electric Co., Appliance Park, Louisville 1, Ky.

Progress Is Our Most Important Product

GENERAL  ELECTRIC



A Mix-or-Match color choice.

This magnificent appliance will be made for *your clients* in any one of six exciting decorator colors. You have a choice of: Canary Yellow, Turquoise Green, Petal Pink, Cadet Blue, Woodtone Brown or White.

FREE, COLORFUL 8-PAGE BOOKLET

Send to: P. O. Box 458, New York 46, N. Y.

Please send detailed information and complete specifications about the magnificent new G-E Wall Refrigerator-Freezer.

Send for it now!



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Company Name _____

Street _____

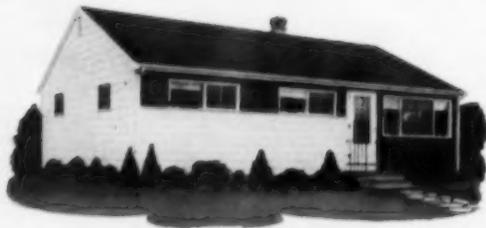
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HOW TO ADD **EXTRA SALES APPEAL**
TO HOUSES IN ANY PRICE CLASS...



Quality Approved

ALUMINUM



Today's home buyer is more interested in "Quality" than ever before. No longer is he satisfied with just a house. He demands better design, better construction, better materials. Today, he is a QUALITY-minded buyer.

To make your houses more readily saleable in today's market, give them the magic "touch of quality." Include "Quality-Approved" aluminum windows — windows that cannot rot or rust... that save money on painting and maintenance year after year... that always operate easily, effortlessly, efficiently... windows that remain up-to-date and beautiful for the life of the house.



"Quality-Approved" aluminum windows are nationally advertised in leading magazines. They are readily accepted by home buyers as a mark of quality construction. As you plan and build new houses, install "Quality-Approved" aluminum windows and see for yourself how they stimulate sales. Your prospective buyer, as well as your financing agency, will appreciate it if you also include screens and storm sash as part of a complete single-package mortgage.



"Quality-Approved" aluminum windows are available through many manufacturers (see list on next page) in all sizes and styles (awning, casement, double-hung, projected and sliding). All are tested against rigid performance standards. All are APPROVED for quality of materials, for strength of sections, for sound construction, and for low air infiltration.

For additional information, consult any of the manufacturers listed on the next page, or write to Dept. AB-55.

**ALUMINUM WINDOW
 MANUFACTURERS ASSOCIATION**
 74 Trinity Place • New York 6, N. Y.

.. \$8,000 to \$48,000



WINDOWS

These Reputable Manufacturers are ready to supply you with Quality-Approved Aluminum Windows.

	DOUBLE HUNG	CASERMENT	AWNING	PROJECTED	SLIDING
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ALUMINUM HOME PRODUCTS CO. Carr St., Knoxville, Tenn.		★			
THE WM. BAYLEY COMPANY 1200 Warder St., Springfield 99, Ohio			★	★	
CECO STEEL PRODUCTS CO. Sterling Aluminum Window Div. 5601 West 26th St., Chicago 30, Ill.	★	★		★	
CUPPLES PRODUCTS CORPORATION 2650 So. Hanley Rd., St. Louis 17, Mo.	★		★	★	★
FENTRON INDUSTRIES, INC. 2801 Market St., Seattle 7, Wash.		★	★	★	
MICHAEL FLYNN MFG. CO. 700 E. Godfrey Ave., Philadelphia 24, Pa.	★	★	★	★	★
GENERAL BRONZE CORP. Stewart Ave., Garden City, N. Y.	★	★	★	★	★
METAL ARTS MANUFACTURING CO., INC. Marwell Rd., Atlanta, Ga.	★				★
REYNOLDS METALS CO. (Window Div.) 2000 S. 9th St., Louisville, Ky.	★	★	★	★	★
THE F. C. RUSSELL CO. (Aluminum Division) Box 27, Bristol Pa.	★				★
J. S. THORN CO. 8501 Hegerman St., Philadelphia 36, Pa.	★	★	★	★	
UNIVERSAL WINDOW CO. 950 Parker St., Berkeley 10, Cal.		★	★	★	
WARE LABORATORIES, INC. 3700 N.W. 25th St., Miami, Fla.		★	★	★	
WINDALUME CORPORATION Kenvil, N. J.	★				

California Builders ... feature



Located in the lovely
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Los Angeles, Calif.

Bath'n a half's with ADJUSTO showers in Both!

"Sell features like ADJUSTO showers
... and you sell the home"

More and more, progressive builders like Fritz Burns of California are featuring bath and a half's ... each equipped with beautiful ADJUSTO Queen Mary Shower units. From the 120 acres of ADJUSTO homes in Gary to 10,000 homes in Panorama City in California, ADJUSTOS are the answer to builders everywhere whether they plan to build 5 or 500 homes. The ADJUSTO combines a shower and tub filler ... adjusts to any height ... mixes hot and cold water for full stream flow or fine needle spray.

Saves up to **\$17.50** per house

ADJUSTO costs less than a tub filler and separate shower and cuts installation time 43% because the single ADJUSTO unit does the work of both, and it's so quickly and easily installed after plastering, tiling or painting.

ADJUSTOS are IDEAL FOR:

- Sitting or Standing Shower
- Tub Filling
- Shampooing
- Children's Shower

Ask your progressive MASTER PLUMBER about
the Complete line of MILWAUKEE Faucets.



"I love the privacy and convenience of an ADJUSTO in the half-bath next to the master bedroom."

There's a Milwaukee Faucets fixture for every job.

Now, Milwaukee Faucets also offers the ultimate in styling and design—a COMPLETE line of modern over-rim tub fillers and deck faucets for the kitchen and bathroom.

Quality MILWAUKEE Sump or Utility Pumps

guard against basement flooding. With a capacity of 3600 gallons per hour, these powerful pumps offer smooth flow ... quite operation.



SUBMERSIBLE
Entire unit installs below floor for quiet operation.

MILWAUKEE

Faucets, Inc.

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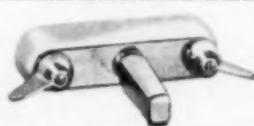
K-4009



K-4160



K-4172-A



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- Complete line of Milwaukee Faucets fixtures ADJUSTO Shower units
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I plan to build approximately homes this year.

MILWAUKEE FAUCETS, INC. formerly Milwaukee
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56 BATHTUBS FREE!

Ingersoll
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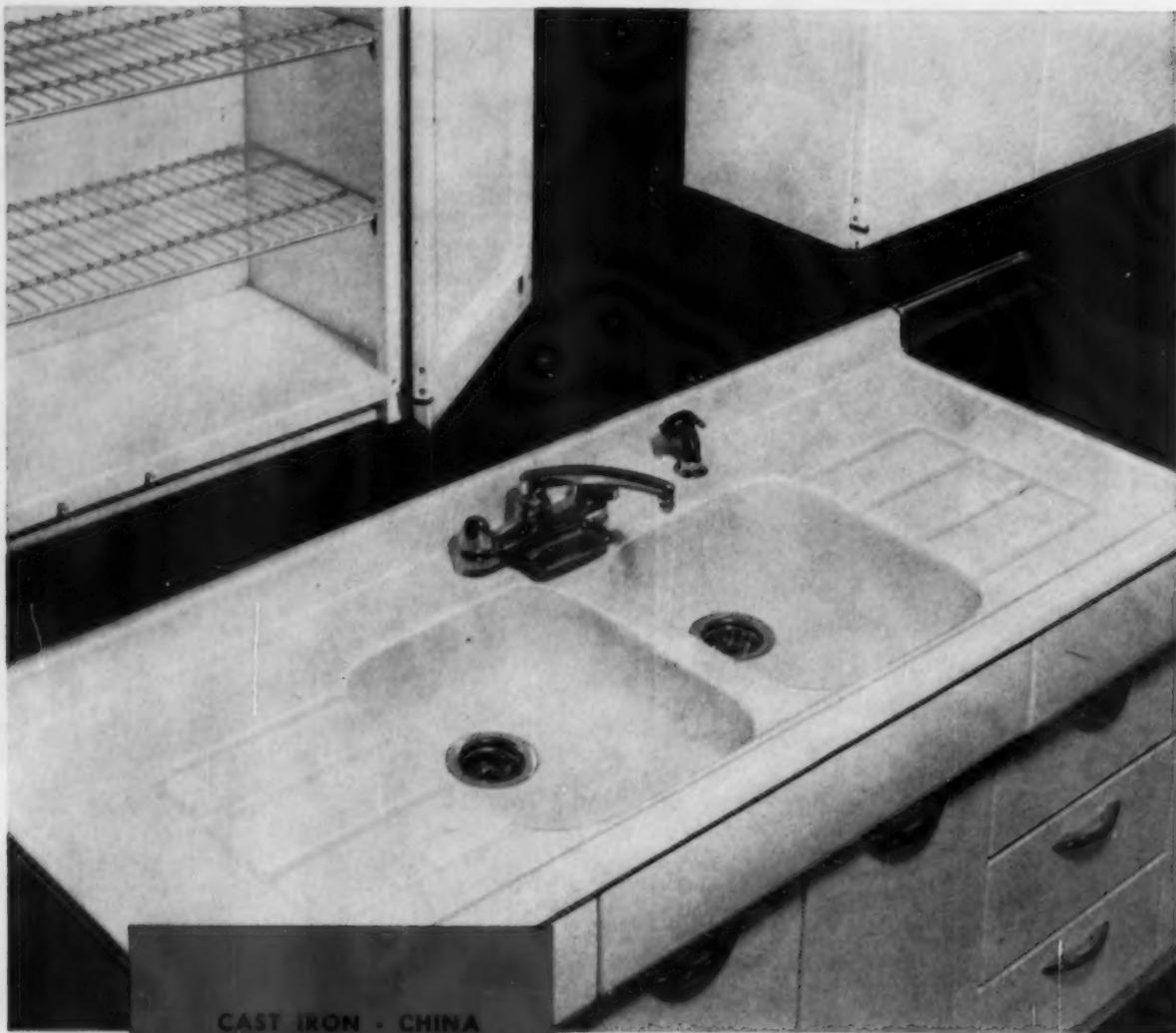
have the advantage!

- LOWER INITIAL COST due to modern materials and manufacturing.
- LOWER INSTALLED COST... light weight easier handling, less freight.
- HIGH TILING-IN FLANGE assures positive, permanent, waterproof seal between tub and wall.
- PORCELAIN ON STEEL is more resistant to shock, abrasion and temperature change.
- FULL SEAT TUB has apron brought in to straight sides and bottom... special, expensive cutting of floor and wall tile eliminated.
- UNDER TUB FRAMEWORK requires no special hanging or wood frame... tub rests on floor for perfect drainage.

A good example of how
 INGERSOLL gives you more quality for less money
 is this fact: 56 INGERSOLL Bathtubs in a 224 unit apartment
 building, in reality, are free when compared to the cost of old-
 fashioned tubs. Yes, in *any* type of construction, you can buy *four*
 INGERSOLL acid-resisting, porcelain-on-steel tubs for less than three heavy
 tubs with acid resistant finish. You save even more when you figure the labor,
 saved by installing light weight INGERSOLL Bathtubs. Yes, you're *always*
 ahead with INGERSOLL... in quality as well as cost. Check the
 partial list of INGERSOLL Bathtub features... write
 for full information.



INGERSOLL PRODUCTS DIVISION
 Borg-Warner Corporation
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FORMED STEEL • BRASS

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Division of The **MURRAY** Corporation of America

Three Gateway Center, Pittsburgh 22, Pa.

*The only name
you need to know in
plumbing fixtures!*

For sales appeal: a kitchen line built by quality plumbing craftsmen

Eljer formed-steel cabinet sinks and wall and base cabinets offer the quality builder extra profit advantages—including the prestige appeal of a plumbing manufacturer of known quality. And here are other benefits for you:

A complete, but uncluttered line for easiest planning . . . sinks with integral base, and top premounted, to save installation time and costs . . . and one-source benefits for all kitchen and plumbing units. See your plumbing contractor or write *Eljer, P.O. Box 836, Pittsburgh 30, Pennsylvania.*

Starts Set Records, But Annual Rate Falls

Housing starts totaling 90,000 in February and 88,000 in January set record post-war highs for these months. But, paradoxically, the seasonally adjusted annual rate declined each month: from 1,473,000 in December to 1,424,000 in January and 1,381,000 in February.

These Labor Department figures may temper recent demands to increase restrictions on home buyer credit, but a more reliable barometer will be the release of total starts for March, which normally registers greater increased activity than any other month in the year.

Two-month total of 178,000 starts is 25 per cent over the same period in 1954. To maintain this ratio, the March total will have to reach 120,000.

Dollar Volume Up 40%

Added quality as well as quantity is apparent this year. A joint study of the Commerce and Labor Departments disclosed that during the two months, new dwelling unit dollar volume jumped 40 per cent over Jan.-Feb., 1954.

Total new construction dollar volume was estimated at \$4.05 billion for the period and at \$2.6 billion for February alone, 12 per cent above the previous February high last year. This represents a seasonally adjusted annual rate of over \$40½ billion, nearly 10 per cent over the record set in 1954.

Since several mortgage authorities warned at the recent NAHB convention that home loan money will become "tight" if starts exceed a 1,300,000 pace this year, some government officials have become increasingly concerned about the late developments.

"The present high level of construction is out of line with family formations, which are going down," said Walter Schneider, a chief construction statistician in the Commerce Department, at a recent meeting of state planning agencies. He reported formations had been averaging about 800,000 annually since 1950 but are now about 500,000, a rate he expected would persist until the early 1960s. Then, due to the high birth rate of the war years, he said "we must have the greatest building boom of all time."



Sigety: Rules out second loan

Schneider admitted that family formation was only one of several factors determining new home demand.

Spokesmen for the United States Savings & Loan League criticized loans underwritten by the government as "excessively" long.

Census Surveying Vacancies

The government wants to know if housing vacancies are increasing. To find out, the Census Bureau will conduct a survey April through June of about 31,000 dwelling units in 230

representative town and country areas of the nation.

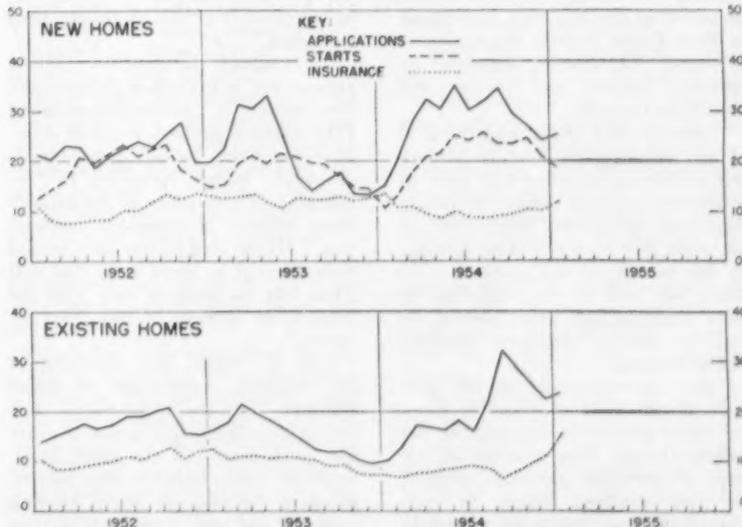
FHA's new deputy commissioner, Charles E. Sigety, has directed all field offices to take steps to eliminate the possibility that FHA-insured homes are being acquired with more than one loan. This practice is against FHA regulations but there is evidence that it has been growing, he said.

Senator John J. Sparkman (D., Ala.) has called for investigation of all phases of the federal housing program, and expressed hope that the government will not take any major steps before his hearings begin. In February, he was quoted as saying that while he had "some misgivings . . . I would not be alarmed if output did not go above 1.5 million units this year."

Real Progress, Says Cole

HHFA Administrator Albert M. Cole has indicated he will take no action until he has the results of a housing credit study he ordered.

In the meantime, he expressed pleasure at the record number of starts, said it represented "real progress." Agreeing, the Construction and Civic Development Department, Chamber of Commerce of the United States, concluded that the situation "calls for congratulation rather than



Three-year record of FHA insured loans. Numbers indicate thousands



Sweeney: Named VA loan director

apprehension." M. W. Watson, chairman, thinks any overexpansion would probably be checked by moderate rises in the money rate and costs, also by the slow pace at which water and sewerage can be supplied in suburban areas.

Fears that expansion will create a scarcity of mortgage funds are unwarranted, Watson points out, because a chamber analysis indicates that savings and loan associations, life insurance companies and mutual savings banks can be expected to bring into the market about \$1.75 billion more than they offered in 1954.

"The strong way in which the year has begun," he said, "shows that construction demand has lost none of its vitality. On the whole the prospect is an even better year than forecast."

Economic Demand Big Factor

Present outdistancing of family formations by new homes is a healthy picture and extremely desirable, according to Henry G. Waltemade, president of the National Association of Real Estate Boards. Appearing at a Norfolk, Va., meeting sponsored by realtors, builders and savings and loan men, he said:

"Since the end of the war, the goal of our industry has been to achieve this sustained superiority in rate of production over the volume of family formations to permit elimination of the unfit and least desirable housing at the bottom of the market. . . . When we look at the stimulant to home building and home buying, we look at effective economic demand, which is strong.

"Shoe manufacturers do not produce on the basis of a pair of shoes for every person enumerated in the federal census. They produce on the basis of effective economic demand for their product. Except in regimented societies, this is the trigger to all production."

Boost FHA Loan Quota

Stop-gap legislation enacted by Congress last month kept FHA in the business of insuring loans. The agency's authority to insure loans was increased by \$1.5 billion, to cover requirements until June 30. Commissioner Mason recently told the House Banking and Currency Committee that the large current volume of applications would have exhausted the previous authorization by mid-March.

Mason has introduced two new forms all building project sponsors must fill out when applying for any insured loan. They are:

- A "Previous Participation Certificate" (FHA Form 2570) to identify participants in prior FHA-insured multi-family housing projects.
- A cost form (FHA Form 2571) disclosing information "relating to costs of the applicant's Section 608 projects so that sound underwriting judgment may be made concerning



Mason Jr.: No kin of his boss

the insurance risk. This form will not be required if it has heretofore been furnished."

This added information, Mason pointed out, will disclose defaults and foreclosures in previously-sponsored FHA-financed projects and help determine whether future commitments should be issued. Referring to "the overwhelming majority of the nation's home builders as reputable businessmen," Mason said he was sure he had their support in these steps "so that FHA will do business only with the responsible element of this great industry."

Earl W. Smith, new president of the National Association of Home Builders, said the organization welcomed this "forthright action to clear the good names of the many thousands of home builders who participated in the post-war rental housing program and who, from time to time in the past year have been unjustifi-

ably accused of improper conduct in that program."

New Appointments

Several new housing official appointments were announced during the past month, including:

Thomas J. Sweeney, as loan guaranty director of the Veterans Administration. He has been serving in an acting capacity since Jan. 1 when T. B. "Bert" King resigned the post.

W. Beverley Mason Jr., as FHA urban renewal officer succeeding Loder L. Patterson who was transferred to the agency's legal staff, Mason, not related to the commissioner, was formerly assistant to the director of the multi-family housing division.

Lester P. Condon, as director of HHFA's compliance division. He had been acting chief of its investigations branch and, prior to that, a special assistant to the administrator engaged in investigating FHA operations and personnel.

Meanwhile, FHA is busy filling 1,000 new positions in its 75 field offices to help it catch up to the "unprecedented flood" of applications. Congress approved an appropriation for the enlarged staff in January; a month later over a third of the jobs had been filled.

New Year, New Record

While the nation continues to grow, the construction industry grows with it, and this year will be the tenth in succession establishing new construction records, reports John MacLeod, president of the Associated General Contractors of America. Speaking at the annual meeting of the Associated Equipment Distributors in Chicago, MacLeod, predicted \$40 billion new construction this year, a \$3 billion improvement, and a total construction of about \$56 billion. In the not too distant future, he envisioned total annual volume of \$60 to \$75 billion.



MacLeod: \$3 billion more building

Two Weekends

National Home Week has been extended this year to include two weekends. NAHB president Smith set the dates for the huge home ownership observance as Sept. 10-18. The extra weekend, he said, would give more people a chance to visit the 10,000 exhibit houses expected to be shown.

NAHB, which first proposed National Home Week in 1948, after adopting the idea as presented by Edward G. Gavin, editor of *American Builder*, estimated that more than 150 cities will participate in the program next fall. Many of them will adopt the Parade of Homes format; many others will sponsor a civic observance with many allied business and clubs taking part.

The association is rapidly enlarging its program of research and service

to the public, as promised by Smith when he assumed the presidency in January. It has engaged Dr. Ralph Johnson, formerly with the Public Health Service in Washington, as director of construction and research. He will have overall charge of the expanded division, with special concern for community facilities and slum rehabilitation problems. He succeeded Leonard G. Haeger, who joined Levitt & Sons, Levittown, Pa., March 1 as technical director.

Chris Christenson, former assistant to Haeger, has been designated as head of the technical department.

Electing Plan for Test Homes

Meanwhile, plans of leading architects are now being considered for the wide variety of test homes which will start NAHB's \$2,000,000 housing research center at Grand Rapids, Mich.

Tax Court Backs Builder

A recent decision in Tax Court of the United States held that distributions to stockholders by corporations of moneys received and retained from mortgage loans which exceeded construction costs and were FHA-insured under former Section 608, were taxable as capital gains. The decision invalidated deficiency assessments made by the Commissioner of Internal Revenue against the Cross-Morton building interests in New York on the theory that the distributions were ordinary income. The decision termed the builders as men of considerable experience who performed valuable services for their companies and could have arranged substantial salaries for themselves, also higher prices for materials and rent for equipment furnished by their other corporations.

DICKERMAN'S COLUMN

By John M. Dickerman, Executive Director, National Assn. of Home Builders

Current Building Drive Seen as Posing No Financing or Overbuilding Problems

Forecasts of continued high building activity throughout 1955 have raised two major questions in the public mind: Is the home mortgage debt likely to become dangerously high? Is the home building industry "overbuilding" and thereby imperiling not only itself but the entire national economy?

Let me say at the outset that the answer to both questions is an emphatic NO! That answer is based on the measured judgment not only of the home building industry's leading authorities but also of recognized experts in the banking world who have a vital stake in the continued stability of home building.



Dickerman

Mortgage Debt in Better Shape

The Chase National Bank of New York City, in its publication, "Business in Brief," for January 1955, summed up the situation in this fashion:

"... mortgage debt is in far sounder shape today than in the past. Interest rates are lower. Amortization is almost universal. Burdensome secondary mortgages have been eliminated. And repayment periods are longer. Thus the total amount of a mortgage is rarely subject to immedi-

date call or default today. In addition, extensive government guarantees are designed to provide strong insurance against the kind of financial panic which led to widescale mortgage liquidation in the early 1930s."

Foreclosure Rate 3 Per 1,000

There is still another pertinent fact to be considered. It is that the foreclosure rate in 1954 was about three per 1,000 mortgage properties, as compared with 11 in 1940. It also is appropriate here to note that less than 1 per cent of the FHA-insured and VA-guaranteed loans, which in 1954 accounted for 49 per cent of the total home loans, were in default.

There is no disagreement as to the need of America for more and better housing. This need will grow progressively greater as the population continues to grow. And the population is going to grow—phenomenally. The experts now expect a population of 190 million by 1965—compared with the present 164 million. By 1975, the population is expected to reach 220 million.

Much has been said about the decline in household formations from 830,000 in 1953 to 559,000 in 1954. This decline was expected as a result of the low birth rate of the 1930's, and actually was less than anticipated. It also is expected that, as a result of the increased birth rate in the 1940s, household formations will increase substantially beginning in the 1960s.

But new household formations, while an important factor in the housing market, do not by any means control it. In fact, non-farm household formations since 1946 are still greater than the total number of housing starts since that year. The fact is that hundreds of thousands of American families want improved housing and are taking steps to obtain it.

The National City Bank of New York noted in its January 1955 News Letter that: "The housing boom is kept going, to a considerable degree, by families who want larger, better, more modern homes in suburban areas, not—as was the case in early post-war years—the nearly-formed families who wanted any sort of moderately-priced shelter."

Other Factors Spur Market

There are scores of other factors to be taken into consideration in measuring the housing market. For example, two-thirds of the existing housing now is more than 25 years old. By conservative estimate, 7,000,000 homes either are dilapidated or lack basic indoor sanitary facilities. Each year the nation loses between 100,000 and 125,000 houses through destruction or abandonment—a volume equal to approximately 10 per cent of the new homes to be built in 1955. And there is a very broad market for minority housing.

The housing industry, as an essential pillar of the economy, recognizes a two-fold obligation to it. It intends neither to commit excesses that would endanger it, nor to, by under-production, short-change the economy and deny the American people the good housing they need and deserve.

'Products in Action' Theme of Dealer Show

Theme of the Second Annual Building Products Exposition sponsored by the National Retail Lumber Dealers Association will be "Products in Action," according to a brochure and floor plan prepared for exhibitors. The show will be held Oct. 11-15 in Cleveland's Public Auditorium.

Principal objective of the exposition, according to NRLDA, "is to center attention on modern merchandising, marketing and selling techniques that will sell the full production of manufacturers' products and bring into sharp focus the huge repair and modernization market that has been largely overlooked

in other building product expositions. Three other major features planned include:

- A series of clinics, workshops and demonstrations showing dealers how to merchandise effectively

at the point of sale, reduce construction costs, meet competition with pre-assembled component parts, handle materials more efficiently, etc.

- A series of consumer features designed to create a desire for home improvement among consumers and show



Dwyer



Cleveland's Public Auditorium: Scene of NRLDA exposition Oct. 11-15

dealers how to give better service to their modernization customers.

- Evening programs featuring entertainment and widely-known speakers.

The exposition, which will be preceded by the annual meeting of the NRLDA board of directors, will be open only to dealers and guests on Oct. 11-13 from 9 A.M. to 5 P.M. The public will be admitted on Oct. 14-15 from noon to 10 P.M.

Cleveland Named Director

Martin C. Dwyer, named exposition director of NRLDA, is working on arrangements for the show. Before joining the association's Washington staff, he had served seven years as manager of the Cleveland Convention and Trade Show Bureau.

Lenders Shun VHMCP

Arthur W. Viner, executive secretary of the government's Voluntary Home Mortgage Credit Program, warned recently the program faces a crisis because only 236 mortgage companies had agreed to participate.

As matters now stand, he reported, "there are large gaps in the actual coverage of the program. Some of the remotest and smallest communities—the ones where the VA direct loan program has been most active—are not effectively covered by any lending institution. Others are covered only by small commercial banks and savings and loan associations with insufficient resources to make all the FHA and GI loans for which there is a demand.

DEALER'S VIEWPOINT

By H. R. Northup, Executive Vice Pres., National Retail Lumber Dealers Assn.

Declining Profit in Face of Record Sales Calls for Check on Loose Operation

Many people have asked why the net profits of retail lumber dealers should be showing a gradual decline, as they are in quite a few cases, during a period when dealers' sales are at or near a record high.

There are several possible explanations but the cause of such a condition need not necessarily indicate the best remedy. For example, if keener competition is the cause of declining profit rates, the answer doesn't lie in lessening competition. Instead, it usually lies in meeting competition more intelligently by means of more aggressive merchandising and by keeping closer track of expenses.

When sales are high and profits are

relatively good, there's always a tendency for an organization to relax a bit. When sales come easy, salesmen have a way of taking things a little easier, and management often doesn't watch the pennies as closely as it did when volume and profits were lower. Few men work as hard or as well when they are prosperous as they do when they are struggling to get out of the red and into the black. That's human nature.

The net result is that, after a few years of good business, the looseness begins to add up to serious proportions, although management doesn't always realize what has happened. The yard owner or manager is likely to blame the diminishing profits on "competition" when the truth is that competitors had nothing to do with what has happened, except that they are benefiting from the yard's lower

standards of operating and merchandising.

Reviewing Basic Management

To help those dealers who have cause to suspect that their organization may have developed some bad habits during the period of high sales volume, NRLDA has provided them with a convenient means of checking performance and tightening up where necessary—the Dealer Operating Guide.

The D.O.G. now covers a rather wide range of subjects—purchasing, pricing, merchandising, display, salesmanship, sales management, advertising, personnel management, credits and collections, time payment financing, product information, estimating, blueprint reading, and so on. A few hours spent rereading some of those chapters may provide valuable clues to the question of why profits have not been keeping pace with sales volume.

Reviewing the fundamentals of good management every now and then is good business, no matter how many years of experience a dealer has in back of him.



Northup

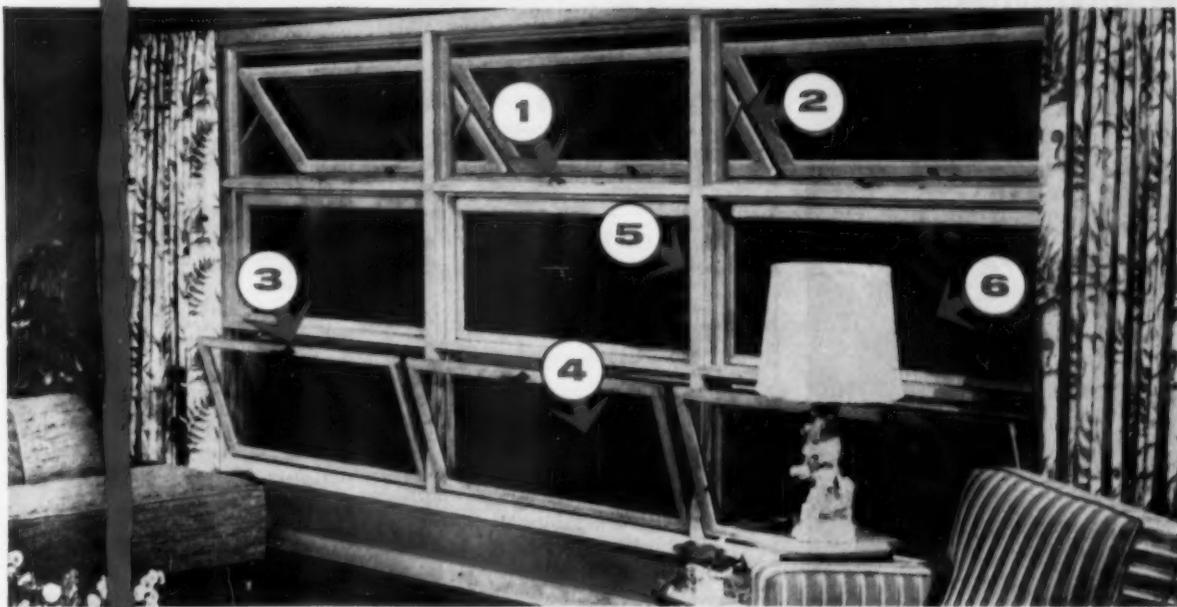
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Here is the window that is helping to revolutionize home-building in America! No other window offers so many consumer features...is so easy to install...or can be used in so many ways!



- 1 Exclusive releasable bar operator furnished on units for awning or casement use provides easy, fool-proof operation and permits adjustment to any ventilating position without disturbing screen.
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- 3 Anodized aluminum weatherstripping gives maximum protection against infiltration of rain, air, dust and dirt.
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- 5 Easily adapted to all standard wall constructions.
- 6 Unit comes completely assembled with all necessary parts, ready for quick, easy, inexpensive installation.

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ON THE RECORD

and OFF THE RECORD

HAVE YOU HAD A PROSPECT TELL you lately that new houses cost too much, that prices have doubled or more than doubled since 1928?

HAVE YOU HAD ONE tell you that his father purchased a house for \$5,500 in 1927 and that the same size house today costs \$12,000 or maybe \$14,000?

YOU PROBABLY have, and the prospect is right. He's had his hands on some sound statistics, but he didn't get enough of them. He thinks prices are out of line on the high side.

THE FACT IS that prices of new homes today are lower than they were in 1928.

LET'S LOOK AT some averages, and draw some conclusions from them.

THE AVERAGE COST of a new house in the period 1925-1929 was \$5,600. The average cost in the period 1950-1954 was \$9,200. Without taking into consideration the changed value of the dollar, it seems at first glance that costs have risen very sharply.

BUT, if we adjust the \$5,600 of the period 1925-1929 to their present value, the \$5,600 house of 21 to 39 years ago now would cost \$11,200.

PERCENTAGE-WISE, the house of today actually costs 18 per cent less than it did in 1925-1929.

BUT THAT ISN'T the end of the story. Advancements in heating, lighting, appliances, kitchen design, bathrooms, insulation, wall finishes, design and construction techniques, just to mention a few, result in a plane of livability that could not be produced for any price in the earlier period.

SO, A VASTLY superior product costs less today than it did after World War I.

THERE'S ANOTHER factor which many buyers probably do not realize. It's the matter of average income of the laboring man.

IN THE PERIOD 1925-1929 his average income was \$20 a week. Today the average is \$72 a week.

TO BUY A \$5,600 house on a \$20 a week income would require the total income for 280 weeks. To buy today's \$11,200 house on a \$72 a week income requires the total income for 123 weeks.

HERE, THE SIMPLE arithmetic does not apply. There is the matter of increased income taxes that distorts the comparison.

SO, DEPENDING on the worker's exemption, which varies his take-home pay, he is required to use considerably more than 123 weeks on his net income. But, even considering Uncle Sam's bite, the worker still is required to spend many fewer weeks of his total income for the house of today.

SO MUCH FOR the argument about high prices. It doesn't hold water.

PROPERLY USED, these facts are important sales tools.

TO THE PARENT who looks with wonder and concern at the purchase of a new home by his recently married son or daughter, let him remember that in the period 1925-1929 it was next to impossible for him to scrape together the money needed for a down payment on the \$5,600 house of that time.

TODAY with a much higher weekly wage, plus the fact that it is fairly common practice for the young bride to continue working for a year or two, the down payment can be accumulated. Then, the monthly payments are lower than rents.

IN THE 1925-1929 period, the young couple on their own could hope for nothing more than a small rented apartment in a poor section.

THE PURCHASE of a home today provides the young family with the least expensive housing ever made available.

AND IN ADDITION, with the first monthly payment, the couple begins to build an estate.

talk about COLOR*



* Scheme for easier selling with Carey Fire-Chex Shingles and Ceramo Siding in striking combinations!



New shadow-blend colors in the Fire-Chex line—Silver Rain (illustrated), Garland Green, Wineberry Red, Moonmist Buff. Other colors include: Tropic Green, Venetian Red, Dusk Gray, Delta Brown, Charcoal Black, Walnut Brown and Crystal White.



New Ceramo Colonial Yellow illustrated. Other Ceramo colors include: Sage Green, Granite Gray, Salem Red, Congo Brown and brilliant Ceramo White.

FIRE-CHEX SHINGLES

In beautiful new shadow-blends!

Colorful Fire-Chex on your homes mean there'll be a salesman on duty 24 hours a day! In sunlight or moonlight, there's nothing to match their beauty and buyer appeal. They blend so harmoniously, too, with the new siding colors! Fire-Chex are famous not only for beauty,

but for ruggedness and long life as well. Tests by a foremost authority prove Fire-Chex outlast ordinary shingles several times over. And even hurricanes won't budge them, a fact "Carol" and "Edna" recently discovered. Put Fire-Chex on your sales force!

CERAMO SIDING

In dramatic new colors!

Colonial Yellow is a striking new "cheer up" color that chases gloom, looks smart with any home design! And it's especially handsome in combination with a Fire-Chex Silver Rain shadow blend roof (as shown). All Ceramo colors are an integral part of Ceramo's glazed

ceramic surface. Won't fade, resist stains, are 100% washable with detergent and water! Made of asbestos and cement, two virtually indestructible materials, Ceramo is truly ageless, won't burn, crack, warp or curl. You can't beat it for new homes, or for re-siding jobs.

Free FOLDER!

Be sure to see beautiful Fire-Chex Shingles and Ceramo Siding at your Carey dealer's now. Also, mail coupon for catalog picturing these and other fine Carey products in full color!

THE PHILIP CAREY MFG. COMPANY Dept. AB-4
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There's extra sales appeal in American-Standard quality

Today's home buyers are quality conscious. They know that quality products cost a little more . . . and they're willing to pay the difference to be sure they get products that will serve them well, long and without expensive maintenance.

That's why so many look for the "buy" that includes American-Standard products. The reputation of American-Standard for style, durability and efficiency has made this name synonymous with quality. And prospective home buyers are impressed with the house that is equipped with these quality products.

A few examples of quality products currently making friends of builders and home buyers alike are shown here. We'd be happy to give you further information on these or any product in our complete line. Just write **American Radiator & Standard Sanitary Corp.**, Pittsburgh 30, Pa.





STYLISH STORAGE SPACE

The New Dresslyn smartly combines a deep lavatory with wide counter top and roomy storage cabinet. Available in a wide range of sizes, cabinet styles and colors, it features a medicine cabinet with lock, pull-out manicure tray, convenient cosmetic drawers and plenty of storage space. Lavatory is genuine vitreous china; counter top is mar-resisting Micarta.

SPACE SAVER

Heatrim baseboard panels are the modern way of providing comfortable, even, convected warmth throughout an entire room. Specifically designed for forced-circulation hot water heating, they take the place of wood baseboards . . . leave floor and walls unbroken, permit complete designing and decorating freedom. They can be installed against walls or recessed to depth of the plaster.



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The compact yet roomy Restal affords the double convenience of bath and shower . . . in about a 36" x 38" space! It's an ideal way to add an *extra* bath in your new houses or to convert a closet or waste space into a bathroom when modernizing. The 12"-high Restal features a flat bottom and built-in corner seat for safe, comfortable bathing. It's durably made of enameled cast iron and is available in white or six exciting colors.

CAREFREE COMFORT

Because of its excellent boiler-burner coordination, the Arcoliner oil boiler gives outstanding heating comfort while saving dollars on fuel. Compactly housed in a handsome jacket, this automatic, cast iron unit will provide uniform, clean, draft-free heat for years and years, with low operation and maintenance costs. Installation, too, is quick and easy.



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Serving home and industry: AMERICAN-STANDARD • AMERICAN BLOWER • CHURCH SEATS & WALL TILE
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It's the American-Standard Planning Kit, specially prepared with builder problems in mind. It's brimming over with ideas on how to plan a promotion program, get prospects out to inspect your houses, clinch the sales!



Here are a few examples of what the American-Standard Sales Planning Kit contains:

- **PRESS KIT.** Contains suggested publicity releases; tells how to give a Press Party . . . how to get the most out of your Grand Opening.
- **ADVERTISING GUIDE.** Specially prepared material for radio and newspaper advertisements (a digest of American-Standard Special Builder Co-op plan is included).
- **DISPLAY MATERIAL.** Sales-building hand-out pieces and direct mail pieces . . . exterior and interior signs for your model home.
- **PLANNING PACKAGE.** Practical guides on bathroom planning, kitchen layout, and heating installation . . . color schemes and decorating ideas.

TAKE ADVANTAGE OF THIS SALES BOOSTER. ORDER YOUR KIT NOW. Remember, it's free. Just contact your American-Standard sales office, or write **American Radiator & Standard Sanitary Corporation**, P. O. Box 1226, Pittsburgh 30, Pennsylvania.



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Charles Goodall joins American Builder

Charles H. Goodall, whose editorial experience in the construction field has won him a wide acquaintanceship among builders and building product manufacturers has joined the staff of *American Builder*.

He will head up the Marketing Service and Technical Reference issue which is published by *American Builder* each April. He will also be available to manufacturers and advertising agencies as a building counsellor and will aid in the preparation of advertisements and catalogs. Plans for the 1956 Marketing Service and Technical Reference issue, which will be ever more valuable to builders and building supply field, than past issues, will be made in the next 60 days.

For the past eleven years Mr. Goodall has been affiliated with *Practical Builder* magazine, where he served as technical editor and later as managing editor of the Data and Specifications File.

Prior to his entrance into the publication field he spent 18 years in the construction business with his father in LaPorte, Indiana. This firm, still operated as J. W. Goodall & Son, is well known in northern Indiana as builders of schools, churches and all types of commercial buildings as well as luxury type homes. His educational background consists of studies at Notre Dame in architecture, structural and concrete engineering.

Goodall is married, has three children, and resides in LaPorte where he continues to serve in an advisory capacity to his father's construction firm.



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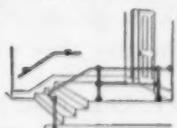


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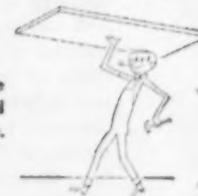
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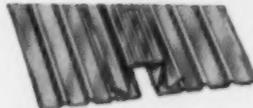
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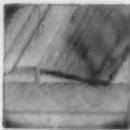
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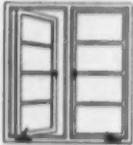
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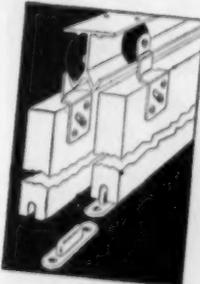
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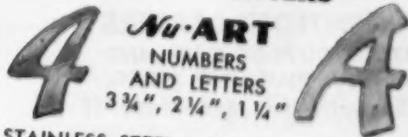


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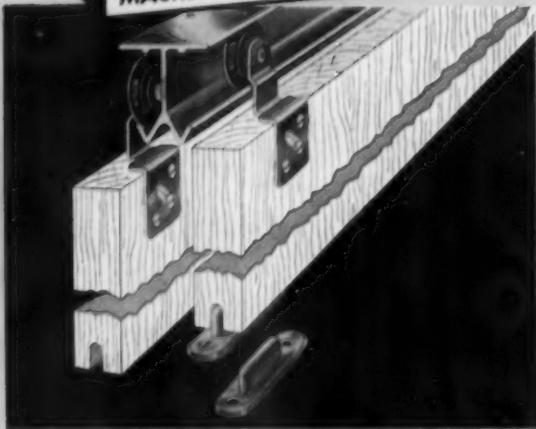


HERE IT IS . . .

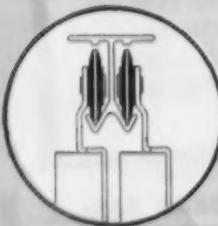
M-D

MACKLANBURG-DUNCAN CO.

**NOISELESS
Sliding Door
HARDWARE**



- ★ Extra-heavy extruded aluminum track
- ★ Heavy-gauge cadmium steel hangers with adjustable slot
- ★ Noiseless, lifetime Nylon wheels
- ★ Silent, solid brass wheel bearings
- ★ Positive, no-jump track feature
- ★ Smoothest, quietest operating



**BUILT-IN PROTECTION
AGAINST TRACK JUMPING**

At last—sliding door hardware with built-in, positive protection against track jumping! No extra work, nothing for you to do—because this exclusive M-D design stops track jumping with a built-in bumper ridge that makes it impossible for the wheel to lift out of the track once the door is in place over the floor guide. Simple, sure, foolproof!

ATTENTION DEALERS
STOCK-DISPLAY CASE AND
ACTUAL WORKING MODEL
FREE with this assortment!

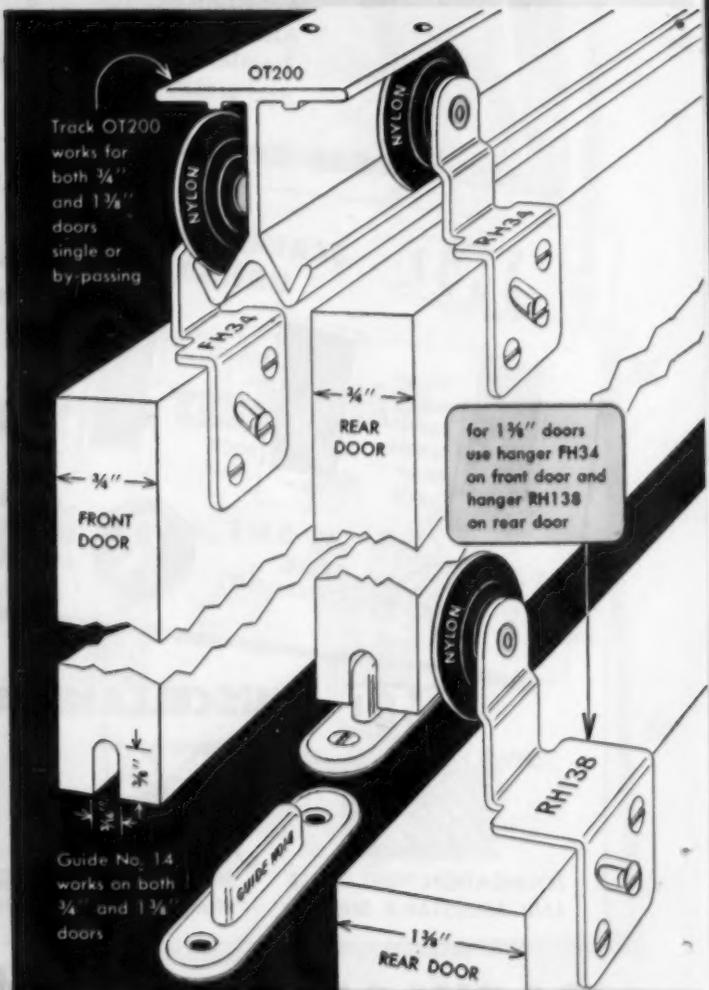
TRACK 40 Boxes of
10 PIECES-4' EACH Complete Hardware
10 PIECES-5' EACH for 3/4" Doors
10 PIECES-6' EACH ★ ★ ★
10 PIECES-8' EACH 10 Boxes of
TOTAL TRACK-230' Complete Hardware
 for 1 3/8" Doors

- ★ Attractively Displayed
- ★ Increases Impulse Purchases
- ★ Takes Small Space



**COMPLETE HARDWARE FOR
DOORS 3/8" to 3/4" or 1" to 1 3/8"**

Hardware comes completely packaged for pair of 3/4" doors, or pair of 1 3/8" doors. Each package contains 2 front door and 2 rear door hangers, 2 door guides and sufficient screws for hangers, guides and track. Cases clearly marked for 3/4" or 1 3/8" doors.



DEALERS-ORDER TODAY! your order will be shipped same day received



MACKLANBURG-DUNCAN CO.
OKLAHOMA CITY, OKLAHOMA

ANOTHER

MACKLANBURG-DUNCAN
Quality Building Product!



Nu-ART ALUMINUM **LEVEL**

-  **Light, Sturdy Extruded Aluminum for Long, Rugged Wear!**
-  **Glossy Red Interior with Silvery-Satin Edges**
-  **Tough, Non-Breakable Pyrex Vials—Replaceable!**
-  **Individually Packed in Polyethylene Tubing to Display Product, Protect Finish!**

Look at these amazing prices!

18"	.....	\$3.95	LIST
24"	.....	\$4.25	LIST
28"	.....	\$4.50	LIST
30"	.....	\$4.75	LIST
36"	.....	\$5.50	LIST
48"	.....	\$7.75	LIST
72"	.....	\$14.50	LIST
78"	.....	\$15.50	LIST



**Long lengths for plumbing doors and windows —
Shorter lengths for carpenters, masons, home-handymen!**

Sold by Hardware, Lumber and Building Supply Dealers!

**DEALERS ORDER TODAY!
Your Order will receive prompt shipment!**

Leaders in the Building Specialty Field for 35 Years



MACKLANBURG-DUNCAN CO.

BOX 1197 OKLAHOMA CITY 1, OKLAHOMA

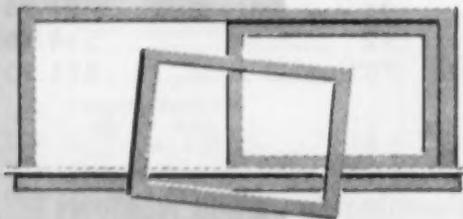
people who live in glass houses



live better with ARB WINDOWS

a. r. b. REMOV-A-GLIDE

modern, popular, extra convenient



Additional wall space becomes available with a.r.b. REMOV-A-GLIDE wood windows. And they are specially appreciated in such locations as above stoves, sinks, and counters in the kitchen. Weather-tight and rattle-proof, they are easily removable, and a.r.b. design assures complete sill drainage.

"Bringing the outdoors inside the house" can be overdone. Unless windows fit well—winter and summer—too much of the outdoors comes inside.

A.R.B. removable wood windows are kept weather-slug by patented spring construction back of the aluminum sash guides. And, the sash come out entirely and easily, for cleaning. For ventilation or weather protection, there's nothing better than A.R.B. "400" wood windows.

See your nearest lumber dealer or

A. R. B. WINDOW SALES COMPANY • 19433 John R Street, Detroit 3, Michigan.

400
METALS BY A. R. B.
for
ADJUSTABLE
REMOVABLE
WOOD WINDOWS



Prefabricated fireplace for new or old houses

Installation of the Acorn Fireplace requires no masonry or structural changes of any kind, can be hung from wall or mounted on wrought-iron legs. The Acorn requires a 6-inch flue, is made of heavy steel with seamless welded construction, is finished inside and out with refractory porcelain fused on steel with a choice of four colors, carries 10-year guarantee. List Price: \$99.50 (includes screen, irons, damper and wall-mounting hardware.) Available now. Manufacturer invites building supplies distributors. Richard T. Whitney, Acorn Designs, Inc., Dept. AB, Concord, Mass.

Circle No. 401 on coupon, page 62



Schoolroom sink has utility faucet and fountain

Kohler's new enameled cast-iron "Tech" sink is designed for schoolroom use, measures 24x20 over-all, has 3-inch ledge around front and sides. Basin is 15 inches long, 14 inches wide and 8 inches deep. The Kohler Bardney faucet with gooseneck spout is located on left side of sink. The station bubbler fitting is mounted on right, has safety feature to prevent squirting of water by mischievous children. Water stream is diverted to drain when finger is placed over fountain opening. List price: \$54.45 (with frame and fittings.) Available now through plumbing fixture distributors. R. C. Angelbeck, Dept. AB, Kohler Co., Kohler, Wis.

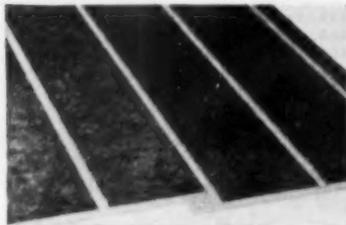
Circle No. 402 on coupon, page 62



No furnace, chimney, ducts or piping required for this system

The Electrend electric air circulating heating system is a metal duct 7 feet high 8 inches wide and 3½ inches deep with openings covered by grilles at top and bottom. It fits between 16-inch studs. The unit draws warm air from ceiling, sends it down over heating element above lower grille and out across the floor. A thermostat is mounted at front of each unit so each room is controlled individually. In summer, fans will operate without heating elements turned on for air circulation. Individual units are installed without need for duct work or piping connections. List price: \$79.50 up. Available now through electrical wholesalers. Donald D. Peterson, Electrend Products Corp., Dept. AB, St. Joseph, Mich.

Circle No. 403 on coupon, page 62



Hardboard paneling creates vertical board effect

Panelgroove is a new panel siding of 7/16-inch tempered Presdwood. The 3/8-inch wide and 3/16-inch deep grooves, spaced 4 inches on center, give the panels the appearance of vertical board construction. Panelgroove has a shiplap joint treatment: overlap on one edge is 3/4 inch, underlap on opposite edge is

1½ inches. Panels available in the 4x8-foot size or any combination of lengths cut from 16-foot panel. Available now through lumber dealers. Home Service Bureau, Masonite Corp., Dept. AB, 111 West Washington, Chicago 2, Ill.

Circle No. 404 on coupon, page 62



Built-in room air conditioner fits snugly into wall

In appearance, the Tywell air conditioner is similar to a radiator grill, can be inserted in an opening under a window or along any outer wall. Called a "builder's model," the unit is 15 inches deep, 14 inches high and 32 inches wide and is available in various capacities to fit sizes of rooms. Price is based upon quantity. Available now direct to builders. Irving Bottner, Tywell Manufacturing Corp., Dept. AB, 5702 First Ave., Brooklyn 19, N. Y.

Circle No. 405 on coupon, page 62



New built-in electric range has 6 surface units

The new Thermador Built-in Electric Range (SU-6B) has 6 fast-heating monotube units with 7-heat switch control, removable drip pans and crumb trays, red indicator on-off light. The satin finish stainless steel of the 20¾x44-inch top matches the finish of the Thermador Built-in oven and warming drawer. Also available: 6 unit top with 5 surface units and convertible Duo-Cook deepwell (SU-6AN). List price of SU-6B is \$194.50. Available now through wholesale distributors. Anthony A. Celio, Norris-Thermador Corp., Dept. AB, 5215 South Boyle Avenue, Los Angeles 58, Calif.

Circle No. 406 on coupon, page 62



Aluminum narrow stile door uses identification hardware

Kawneer's W-series entrance door has interchangeable push-pull hardware with which the business name, coat of arms, monogram, motto or logotype can be shown where it will be seen. Identification plates are easily inserted in the basic unit. The new door also has re-designed tubular sections throughout, is welded along concealed interior contact points where rails meet stiles. Available in sizes of 3x7, 3½x7 feet in the single acting unit, and 5x7, or 6x7 feet sizes in the double-acting unit. List price is \$300 to \$350 for the 3x7 door with frame, hardware and glazing installed, depending upon local conditions. Avail-

able now through more than 900 Kawneer dealers. R. M. Baker, Kawneer Co., Dept. AB, Niles, Mich.

Circle No. 407 on coupon this page



Adjustable shower arm swings down to any position

The Queen Mary Adjusto shower arm swings down to any position, mixes hot and cold water, puts water where it is wanted. Shower-head design allows full stream for tub filling or adjustment to needle spray. The arm measures 24½ inches between joint centers. Other lengths can be made to order. List price: \$24.46. Available through plumbing supply jobbers. Milwaukee Faucets, Inc., Dept. AB, 301 E. Reservoir Ave., Milwaukee, Wis.

Circle No. 408 on coupon this page



Power digger attachment can dig to size

The latest model Sherman Power Digger (the Sherman 54-C) is shown here mounted on a Ford tractor, can dig a hole to exactly the size required for a space as small as 3½ feet wide by 6 feet long by 5½ feet deep. In housing projects where water and sewer lines are already in, Sherman controls enable operators to sense when they touch water lines and to continue excavating without tearing lines out. Available now. Robert Humes, Sherman Products, Inc., Dept. AB, 3200 West 14 Mile Road, Royal Oak, Mich.

Circle No. 409 on coupon this page

Nail feeding, positioning machine speeds production

The Avalanche Nail Feeding & Positioning Machine is said to double production in house shingling, siding and floor laying operations, can be operated in any position. Mechanic uses rubber hammer to operate machine. The unit weighs two pounds. List Price: \$70. Available now at factory; available later through trade supply dealers. S. Schwartz, Vera Products, Dept. AB, 4041 Ridge Ave., Philadelphia 29, Pa.

Circle No. 410 on coupon this page

USE THIS COUPON FOR FREE INFORMATION ON PRODUCTS AND EQUIPMENT

CIRCLE ITEMS ON WHICH YOU WISH MORE INFORMATION. MAIL TO AMERICAN BUILDER, 79 W. MONROE ST., CHICAGO 3, ILL.

NEW PRODUCTS

- 401. Prefabricated fireplace
- 402. Schoolroom sink
- 403. Electric heating system
- 404. Hardboard vertical paneling
- 405. Built-in air conditioner
- 406. Built-in, 6-unit electric range
- 407. Aluminum narrow stile door
- 408. Adjustable shower arm
- 409. Power digger attachment
- 410. Nail feeding, positioning machine
- 411. Air conditioning unit
- 412. Earth drill attachment
- 413. Bathroom cabinet package
- 414. Plastic brick wall surfacing
- 415. Electric outlets in plastic strip
- 416. One-blow nailing machine
- 417. Lever-operated door latch
- 418. Portable power saw
- 419. Asbestos-cement siding

CATALOGS

- 420. Timber fabrication, assembly
- 421. Round windows

- 422. Premixed grout, mortar
- 423. Industrial catalog (pumps)
- 424. Adequate wiring
- 425. Suspended ceilings
- 426. Timber truss sources
- 427. Multi-control wiring system
- 428. Sliding aluminum windows
- 429. Acoustical tile adhesives
- 430. Residential load centers
- 431. Glass heat
- 432. Western red cedar
- 433. Redwood wall patterns

SERVICE ON THIS COUPON EXPIRES IN 90 DAYS—ACT NOW! (APRIL 1955)

NAME

FIRM TITLE

STREET

CITY ZONE STATE

Please print name

Which plywood did you buy?

you'll always see
edges like this

instead of this

Harborite
and

SUPER Harbor

In the manufacture of *Harborite* and *SUPER Harbor* ...



this came out

These unretouched photos of samples from Harbor's regular production show one reason for the super-quality of Harborite and SUPER-Harbord. Most plywood specifications allow knotholes as large as 1" to remain inside the panel. Harbor carefully removes even the smallest knotholes and flaws from veneers that go into panel cores.



this went in

There are no "minimum" size flaws or knotholes allowed in Harborite or SUPER-Harbord. Solid plugs of fir heartwood, exactly the same size as the imperfect section, are stamped from clear veneer. As the flaw is punched out, a skilled workman fits in a solid plug like this—making sure that veneers are all solid wood.

result...solid wood

Wherever you cut Harborite or SUPER-Harbord, you'll reveal solid wood throughout the panel. Every nail and screw bites into solid wood. There are no core gaps to repair, no possibility of surface punctures showing up later. Solid cores are one reason why these panels are the delight of carpenters and boatbuilders—the standard of plywood quality.



Here are 4 more reasons why *HARBORITE* and *SUPER* are tops:

1. Only prime Douglas fir heartwood is used.
2. Core veneers are butted square together—no gaps.
3. Natural wood moisture is restored to panel—eliminating cause of warping and grain raise.
4. Harborite's tough, medium density resin surface hides grain, makes perfect paint base.



...that's why *Harborite* and *SUPER Harbor* are the best you can buy

MANUFACTURED ONLY BY
HARBOR PLYWOOD CORPORATION

Sales Branches and Subsidiaries: Aberdeen, Atlanta, Chicago, Cincinnati,
Houston, Indianapolis, Jacksonville, Los Angeles, Oakland, San Francisco, Tampa and Seattle

LOOK



more advertising to build business for you

Eye-catching, humorous ads like these will continue in 1955 to make the 'Yellow Pages' of the telephone directory the nation's Buying Guide. This campaign has been running for 27 years.

Hundreds of home owners in your community will be seeing ads like these every month in seventeen leading magazines including the Saturday Evening Post, Life, Look, Better Homes and Gardens, Collier's, Coronet and Ladies' Home Journal.

Be sure to tie in with the selling power of this effective advertising campaign. Use the 'Yellow Pages' to reach home owners with complete information about the jobs you specialize in.



THIS EMBLEM REFERS PEOPLE TO THE 'YELLOW PAGES'

Suggestion: Your Classified Telephone Directory Representative will be pleased to help you plan your 'Yellow Pages' advertising to reach more home owners. Call him at your telephone business office.

AMERICAN
BUILDER

NEW PRODUCTS



Complete summer air conditioning for homes without heating ducts

The Summer Weathermaker is designed to provide complete summer air conditioning for existing homes equipped with wet heat or with floor furnaces or space heaters. This small room air conditioner package contains cooling and dehumidifying coils, a centrifugal fan for air circulation and a filter. It is installed with its own duct system to handle the entire home. Cooling is supplied by an air-cooled refrigerating unit in tamperproof, weatherproof casing located outside the yard. No water is required. Price can run as low as \$1,400 installed for average house. Available now through Carrier outlets, W. A. Lake, Carrier Corp., Dept. AB, 300 South Geddes St., Syracuse, N. Y.

Circle No. 411 on coupon, page 62



Earth drill attachment can be mounted on tractor

The Model YT Earth Drill is a new heavy-duty drill designed for use along with other front-mounted attachments for the Allis-Chalmers HD-5 crawler tractor. The drill is mounted without disturbing either front-mounted shovel or dozer already on tractor. The Earth Drill is driven through tractor power take-off. Adjustment for drilling positions is hydraulically controlled. With series of flights available, the drill can bore holes up to 24 inches in diameter. Optional equipment: pole setter capable of handling poles up to 45 feet in length. Available now through Allis-Chalmers industrial dealers. Allis-Chalmers Manufacturing Co., Dept. AB, Tractor Division, Milwaukee 1, Wis.

Circle No. 412 on coupon, page 62

AMERICAN BUILDER



**"Now we sell homes complete with
Carpet... and sell twice as many"**

says Donald Scholz of Toledo, Ohio



"In the past year, our volume has nearly doubled. And I attribute a large part of our success to the fact that we now include carpet as part of the package in selling our homes.

"We've found from experience that the more complete we make our homes, the easier they are to sell. That's why we add carpet. Because carpet, more than any other item of furnishing, gives a home a feeling of being complete and furnished.

"Today, working with our local retailer, we offer prospects a wide selection of carpet as part of the price. In most cases, this new technique has been the final touch in clinching the sale."

Use this modern way to sell your homes faster. Contact your local carpet supplier or write to the Carpet Institute for full information on selling your homes complete with carpet.

Home means more with Carpet on the floor

More Quiet • More Comfort • More Beauty • Easier Care

Buy carpets designed and made for the American way of life by these American manufacturers
Arlloom • Beattie • Bigelow • Downs • Firth • Gullistan • Hardwick & Magee • Hightstown
Holmes • Karastan • Leedom • Lees • Magee • Masland • Mohawk • Nye-Wait
Philadelphia Carpet • Roxbury • Sanford • Alexander Smith

Carpet Institute, Inc. 350 Fifth Avenue, New York 1, N. Y.

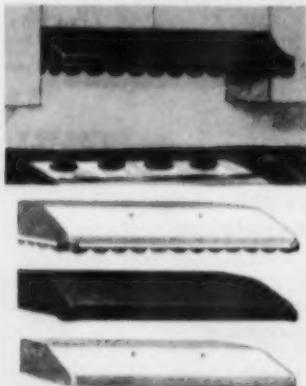
America's Cooking Ventilation Experts Say:—



If You Would Keep YOUR HOME FRESH, COMFORTABLE and FREE of COOKING GREASE

It is the only thorough way to trap, hold and remove cooking vapors that rise from the cooking area. Every home . . . even conditioned air homes . . . can now be freed of uncomfortable cooking heat, grease and steam with a Vent-A-Hood. By covering the entire cooking surface, Vent-A-Hood thoroughly traps hot cooking vapors; and its built-in "Magic-Lung" exhauster instantly removes them before they can spread and damage walls, ceilings, woodwork and furnishings. Your home will be more comfortable with a Vent-A-Hood.

For HOMES with BUILT-IN COOKING SURFACES



You will love Vent-A-Hood's beautifully designed under cabinet group. These "New Idea" hoods serve the widest range of decor. They do it in style . . . in sizes . . . in color . . . in trim . . . in accessories. They offer the widest style choice from plain, simple design to ornate luxury. Order any size. Choose any color or metallic finish. Select any type trim (chrome, gold, black, scallops, etc.) and any light and switch arrangement. Use with any brand or style of ventilating fan or blower built to fit kitchen cabinets and walls.



Vent-A-Hood Company
1903 Plantation Rd. • Dallas, Texas

Your local Vent-A-Hood cooking ventilation expert will help you with the right style selection and the most thorough cooking ventilation for your home.

Write for Literature and Name of Nearest Distributor

Please send more information about Vent-A-Hood Cooking Ventilation Equipment:

Name _____
Address _____
City _____ State _____

AMERICAN BUILDER

NEW PRODUCTS



One unit contains medicine cabinet, storage, vanity

VANI-TEEZ is a bathroom cabinet package that incorporates a lavatory sink, medicine cabinet, storage space and backsplash all in one unit. The cabinet is made of high-pressure laminates in a choice of designs and colors laminated on 7-ply hardwood plywood. Package is shipped complete with lavatory bowl installed, needs only to be set level to floor and walls and plumbing attached. Unit is 6 feet high. Other units available include a double lavatory unit. Available now. David Lear, Vanity Fair Laminates, Inc., Dept. AB, 1109 Wyoming Ave., Scranton, Pa.

Circle No. 413 on coupon, page 62



New plastic wall surfacing looks like brick

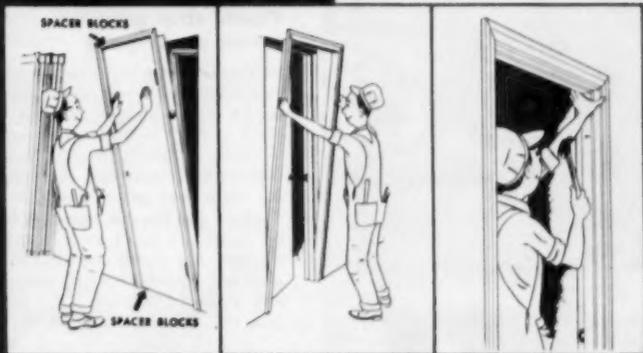
Sheets of polystyrene molded in exact reproduction of a face of a brick wall are now available for use as a wall surfacing material. Called Holl-E-Wood Brick, the sheets form a perfect base for all latex paints so the material can be painted in natural brick colors. Sizes of sheets are 46 $\frac{7}{8}$ x23 $\frac{3}{8}$ for Modern brick; 48x23 for Roman brick; 44 $\frac{3}{8}$ x24 $\frac{3}{8}$ for Antique brick. List Price: \$.60 a square foot (unapplied). Available now through exclusive wholesalers. Sherman A. Holbert, The Holl-E-Wood Co., Dept. AB, Onamia, Minn.

Circle No. 414 on coupon, page 62

ANY CARPENTER
CAN INSTALL A
READY HUNG DOOR
IN 20 MINUTES
OR LESS

COMPARE COSTS ON A HOUSE WITH 10 DOORS

The **SAVING** is in
the **LABOR** of **INSTALLATION**



SLIP THE HALVES TOGETHER IN THE OPENING AND NAIL IT TO THE HOUSE

- Fasteners on mitre joints in the trim keep mitres tight indefinitely.
- Doors conform to the Commercial Standard for the style used. Units are furnished left and right, with 1 3/4" inside doors in all standard sizes.
- Butts or hinges are 3 1/2 x 3 1/2, full mortise type. READY HUNG DOOR units are completely assembled with all hardware installed except door knobs.
- The READY HUNG DOOR manufacturer in your territory carries in stock standard units with the trim pattern, specie, and hardware popular in your area.
- Look identical to conventional doors when installed.

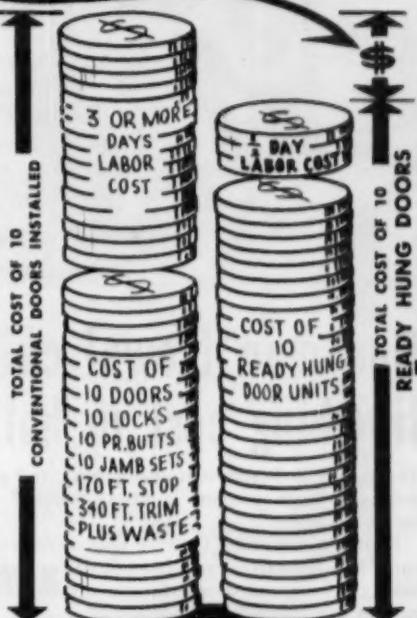


CRATED FOR DELIVERY IN PERFECT CONDITION

Tension in the steel band exerts equalized pressure (indicated by the arrows) at the corners to draw the frame in tight contact with the rigid door. Frame joints and mitres are therefore rigidly held square and tight by the door itself.

Spacer blocks between

the door and frame serve a dual purpose: (1) They block the frame around the door during shipment, and, (2) Are used to maintain proper door clearances while the door is being installed. Faces are protected by cardboard when shipped by common carrier.



ADJUSTABLE JAMB
FITS ANY WALL
IRREGULARITIES



FORM NO.
21454-2

Look for this
Trade Mark

**Ready
Hung
DOORS**

PAT. NO. 2,489,029
*TD. MK. REG. U. S. PAT. OFF.

FOR FURTHER INFORMATION WRITE THE MILL NEAREST YOU — Sold by Lumber Dealers

BALTIMORE, MD.
Central Building Supply, Inc.
210 E. Monument St.

BIRMINGHAM, ALA.
National Woodworks, Inc.
2201 29th. Ave. North

BUFFALO, N. Y.
The Whittier-Jackson Co., Inc.
267 Hamburg St.

SUBURBAN, CALIF.
Ready Hung Door Mfg. Co.
200 South Victory Blvd.

CLEVELAND, OHIO
The Whittier-Jackson Co.
1906 W 3rd St.

DAYTON, OHIO
Dexter Sash & Door Co.
8 Norwood Ave.

DENVER, COLORADO
Profabricators Incorporated
P. O. Box 4886

GRAND RAPIDS, MICH.
Hastelle Mfg. Corp.
701 Ann St., NW

HOUSTON, TEXAS
Ready Hung Door Mfg. Co.
P. O. Box 124

MADISON, INDIANA
General Millwork Corp.
219 E. 2nd St.

NEW YORK, N. Y.
Baley-Whitton Company
17 Park Ave.
W. Orange, N. J.

PITTSBURGH, PENN.
Iron City Sash & Door Co.
3rd Street and 840 E.R.

SAN ANTONIO, TEXAS
Ready Hung Door Mfg. Co.
200 Seguin Street

SAN FRANCISCO, CALIF.
Ready Hung Door Mfg. Co.
190 MacArthur Blvd.
Oakland, California

SEATTLE, WASH.
Aron Millwork, Inc.
P. O. Box 668
Kirkland, Wash.

SIOUX FALLS, S. DAK.
Jordan Millwork Co.
READY HUNG DOOR CORP., 1201 NORTH, TEXAS

ST. PAUL, MINNESOTA
Minnesota Wood Specialties, Inc.
P. O. Box 21
Saint Paul Park, Minnesota

TORONTO, CANADA
C. Lloyd & Son Limited
1214 Lawrence St.
N. Park P. O., Ont.

WACO, TEXAS
Frank Stevens Sash & Door Co.
P. O. Box 1690



One-man trowel cuts finishing cost in half

This handy little power trowel gets around pipes and into tough corners. It works fast and is a breeze to handle.

It's a one-man tool. Only 70 pounds in weight and 24 inches across, you can carry it anywhere, through doors and down the stairs, even haul it in your car.

But it's no toy. The Master Midget does a professional job faster and easier than several men on their knees. Users say it cuts their costs in half.

You're an expert with it in 15 minutes, can make float, sweat, smooth or hard-trowel finishes on slabs, sidewalks, basements, porches or driveways. No changing blades either . . . one set does all the work.

The Midget is low cost, much less than big power trowels. That's why one of our customers told us, "We paid for it on four basement jobs."

Want a folder with specifications, prices, action pictures? The coupon will bring it. You'll like this tool. Write today.



One man can handle



Goes right through door

Lightweight—only 70 lbs., 24 inches across • Sweep back blades for skilled sweep finish
• Blade adjustment for float, sweat, smooth, or hard finish
• Telescoping handle for easy carrying in car • Briggs & Stratton engine — dependable 1.6 hp gas engine.

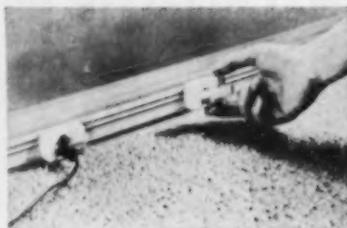
MASTER

MASTER VIBRATOR COMPANY • 439 STANLEY AVE. • DAYTON 1, OHIO
PLEASE SEND FOLDER "Master Midget Power Trowel" showing action pictures, specifications, prices.

NAME _____
FIRM _____
STREET _____
CITY _____

AMERICAN
BUILDER

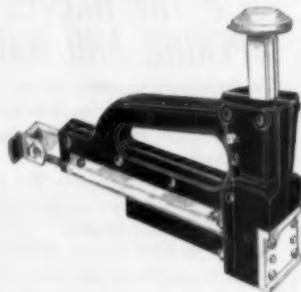
NEW PRODUCTS



Plastic strip provides outlets at any point

Electrostrip is a rigid vinyl plastic strip containing wires and is flexible enough to be hand molded around corners, pipes or posts to form a continuous outlet along its entire length. Movable or removable outlets can be snapped into the strip any place along its length. Snap-on and fused outlets may be affixed by pressing a small lever. Raising lever releases the outlet. Available through qualified distributors. P. Stough, Bulldog Electric Products Co., Dept. AB, Box 177, Detroit 32, Mich.

Circle No. 415 on coupon, page 62



One-blow nailing possible with new Powernailer

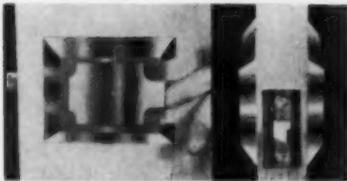
One-blow nailing of plywood roof and deck sheathing as well as pine sub-flooring is now possible with the introduction of Model 195 Powernailer which drives a 2-inch x 13-gauge Powercleat designed to meet all requirements of local and national housing agencies. Features rapid magazine loading, 75 Powercleat capacity, automatic counter-sinking, minimum maintenance. Available now. Powernail Co., Dept. AB, 961 Montana Street, Chicago 14, Illinois.

Circle No. 416 on coupon, page 62

Coming in May
RESEARCH VILLAGE
Test Tube House

A new way to raise the roof
Don't Miss it!
Renew Your Subscription Now

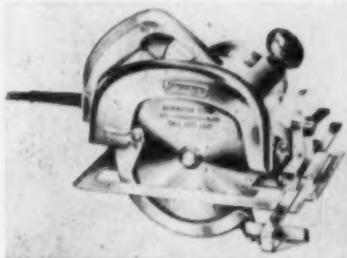
AMERICAN BUILDER



No knob on this door latch, lever operates bolt instead

The Soss Lev-R-Latch is knobless. A portion of the face of the latch works as a lever. By inserting a finger under the back part of the lever-like portion and by pulling outward, the bolt is moved back and the door swings open. To install bore a hole for the bolt, another for the latch. Place bolt in position. Outside plates are then fastened together with two screws. Manufacturer claims that this can be done so quickly that labor costs are cut one-third. Available through hardware stores and building supply dealers. Harold Marko, Soss Manufacturing Co., Dept. AB, P. O. Box 38, Harper Station, Detroit 13, Mich.

Circle No. 417 on coupon, page 62



Portable power saw for all cutting jobs

The Model 720 Dormeyer matched-craft portable power saw cuts all metal and masonry materials, has 100 per cent ball-bearing and needle-bearing construction. The saw has a 6½-inch blade diameter. Cutting capacity: vertically, 2¾ inches; at 45 degrees, 1¾ inches. Base adjustment: depth of cut from ¼-inch to 2¾-inch. Adjusts for bevel cuts from 0 to 45 degrees. List Price: \$69.95. Available now. Power Tool Division, Dept. AB, Dormeyer Corp., 700 N. Kingsbury, Chicago, Ill.

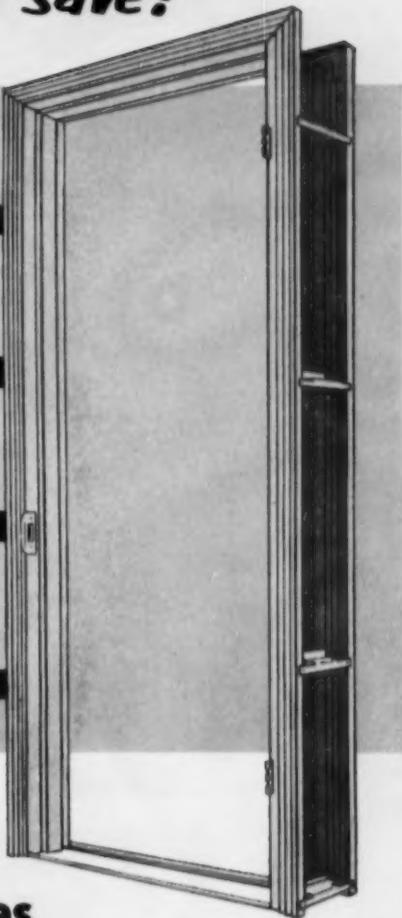
Circle No. 418 on coupon, page 62

Asbestos-cement siding has overtone effect

Shake Design Glatex has a striated surface and is made with a process which fuses two ceramic colors over a fireproof asbestos cement core to give an overtone effect. Shingles are 27 inches wide, are said never to need painting and can be washed with soap and water. Siding is available in white, green, brown, ivory and gray. Available now through lumber dealer distributors. United States Gypsum Co., Dept. AB, 300 W. Adams St., Chicago 6, Ill.

Circle No. 419 on coupon, page 62

The time they save!



steel door frames

a new approach to a money-saving product

Speed up your construction time, cut your costs! For the first time on stock steel frames, the classic, moulded trim demanded by discriminating home buyers has been made available by ingenious die design and giant 500-ton capacity presses. Standard Steel Door Frames are being swiftly installed in new homes, apartments, housing projects and commercial buildings at cost reductions averaging \$4.00 per opening. Steel surfaces are Bonderized in a five-stage process (like your automobile) and zinc-chromate primed for long-lasting rust resistance in storage or on the job. Available factory assembled and welded, square or knocked down, in standard sizes or to your size specifications in 18-gauge furniture quality, cold-rolled steel. The appearance and dimensional stability of Standard Steel Frames will add value to your houses and save you considerable installation time and costs.

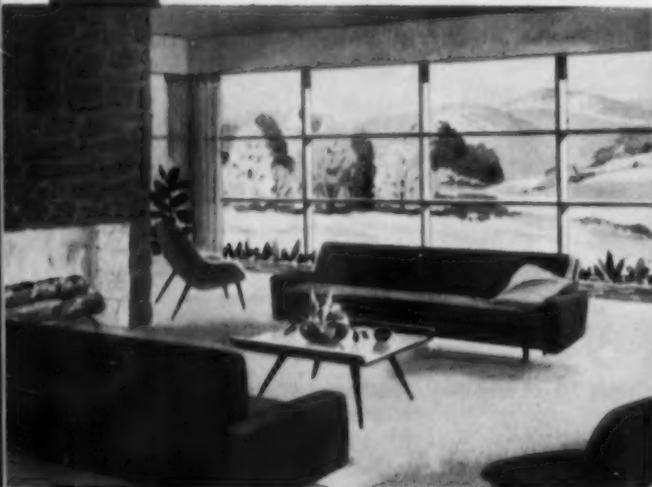
For complete details, write

SOUTHERN STATES IRON ROOFING CO.
 MANUFACTURERS
 P. O. BOX 1159 • SAVANNAH, GEORGIA

Turn daylight into dollars

**build them more beautiful...
sell your homes faster with
fabrow flexible fenestration**

Light can make money for you . . . turn daylight into dollars. Build fabrow window wall frames into every room of your homes. Interesting designer styles, plus almost unlimited combinations achieve appealing individuality . . . Dramatic exteriors, lighter quieter interiors to sell your homes faster . . . faster . . . faster!



APPEALING INTERIORS



DRAMATIC EXTERIORS

design for daylight
in your home building

design for daylight
*in your professional building**

* An added source of revenue for residential builders, a plus-profit idea from Fabrow. Paul H. Johnson, designer & builder.

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Wire, telephone or write TODAY for Design Idea Brochure

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Illinois, Danville
Frank Thirion & Son Glass Company
531 E. Main Street

Indiana, Fort Wayne
Building Materials & Supply
341 E. Main Street

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Ambridge Lumber & Supply Company
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M. Cash Glass Company, Inc.
907-09 2nd Street S.E.

Kansas, Kansas City
Window Enterprises, Inc.
301 North 7th Street
P.O. Box 962

Kentucky, Lexington
Lexington Glass Company
867 Anglans Avenue

Massachusetts, Wellesley Hills
McCabe & Dean, Inc.
27 Washington Street

Michigan, Center Line
Allied Millwork & Mfg. Co.
5674 East Ten Mile Road

Michigan, Detroit 9
Export-Import Service Company
4090 W. Jefferson Street

Michigan, Grand Haven
West Michigan Sash & Door Company

Michigan, Saginaw
Saginaw Sash & Door Company
319 McCookry Street

Minnesota, Duluth
Duluth Builders Supply Company
401 Builders Exchange Building

Nebraska, Omaha
Glass House of Omaha
3904 Lake Street

New York, Buffalo
Hastings Distributors
1630 Bailey Avenue

North Dakota, Bismarck
Vantine Paint & Glass Company
313 Main Street

Ohio, Canton
Pella Window Corporation
1811 Cleveland N.W.

Ohio, Cincinnati 2
H. Neuer Glass Company
508 Reading Road

Ohio, Columbus
Pella Sales Division
Howard S. Sterner Company
4290 Indianola Avenue

Ohio, Mansfield
Home Materials Company
154-160 Orange Street

Pennsylvania, Philadelphia 14
Chew-Bittel Company
6206 Germantown Avenue

Pennsylvania, Pittsburgh 22
Building Specialties Company
951 Century Building

Pennsylvania, Williamsport
Home Supply Company
733 W. Third Street

Pennsylvania, York
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3000 W. Leigh Street
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George J. Hoffer Glass Company
613 W. College Avenue

Wisconsin, Windsor
Central Wisconsin Supply Company

FABROW MFG., INC.
7208 Douglas • Toledo, Ohio

CATALOGS

TIMBER FABRICATION, ASSEMBLY—Essentials of wood roof truss construction are detailed for timber fabricators and builders in new publication called "Timber Fabrication and Assembly with Teco Connectors." The 12-page booklet discusses the two basic methods of timber truss fabrication and the proper procedures for erecting timber trusses and tightening the joints. Timber Engineering Co., Dept. AB, 1319 18th Street, N. W., Washington, D. C.

Circle No. 420 on coupon, page 62

ROUND WINDOWS—This four-page pamphlet shows Webb's latest line of wood-constructed round windows. Webb Manufacturing, Inc., Dept. AB, Connecticut, Ohio.

Circle No. 421 on coupon, page 62

PREMIXED GROUT, MORTAR—An eight-page illustrated folder on Embecco premixed grout and a four-page illustrated folder on Embecco pre-mixed mortar are available, each describing the advantages of using grout and mortar and the complete directions for their use. The Master Builders Co., Dept. AB, 7016 Euclid Ave., Cleveland 3, Ohio.

Circle No. 422 on coupon, page 62

INDUSTRIAL CATALOG—The new 452 Catalog illustrates and describes the new Graco Powerflo pumps, circulating system and equipment designed to spray or extrude liquids, semi-liquids and semi-solids. Gray Company, Inc., Dept. AB, 1023 Sibley St., Minneapolis 13, Minn.

Circle No. 423 on coupon, page 62

ADEQUATE WIRING—"The ABC of Home Wiring" is an illustrated booklet to familiarize home owners with the problems of inadequate wiring. Shows types of wiring for devices ranging from house lights to electric stoves. Kennecott Copper Corp., Dept. AB, 161 East 42nd St., New York 17, N. Y.

Circle No. 424 on coupon, page 62

SUSPENDED CEILINGS—Four systems for suspended ceilings are illustrated and described in the new Catalog NSP-7. It contains dimensional drawings, perspective drawings and installation photos. The Sany-metal Products Co., Inc., Dept. AB, Suspended Ceilings Div., 1701 Urbana Rd., Cleveland 12, Ohio.

Circle No. 425 on coupon, page 62

TIMBER TRUSS SOURCES—Sources from which builders may obtain their requirements in wood roof trusses are provided by a roster of timber fabricators in the new Teco products and services catalog. Also contains names and addresses of 53 firms having headquarters or field offices in 26 states and District of Columbia. Timber Engineering Co., Dept. AB, 1319 18th St., N. W., Washington, D. C.

Circle No. 426 on coupon, page 62



Cost you less!

You can install Durall Tension Screens on windows, porches and breezeways at less cost than frame screens, and make them a sales feature of the house.

Cost less to buy—far less expensive than other screens or combination windows (28" x 54" size list \$5.10)

Cost less to put up—no fitting, 5 screws and they're up, installed from the inside in 10 minutes.

Give more value—all aluminum—last a lifetime. Tension holds them tight to the window frame—bugs can't get in!

Easier sales—house buyers know through national advertising that Duralls go up easy, come down easy... from inside... Roll up to store away in small space... Never need painting.

Any size up to six feet wide—immediate delivery! Styles to fit any type window. Also available with Kaiser Aluminum Shade Screening.

Start today to use Duralls, the smart, modern screens. Your lumber, building supply or hardware dealer has them or can get them for you. Or write for full descriptive booklet.



DURALL
Aluminum Tension
SCREENS

New York Wire Cloth Company, Inc., York, Pa.

*When you use insect screening,
ask for the best*

OPAL... heavily galvanized steel

ALDURA... lifetime aluminum

LIBERTY BRONZE... never rusts

All have the extra-strong,
exclusive Multi-Strand edge

Balanced design — easy operation

Zip! Zip!
Fast as you grip!



HANSEN

the Tacker with 1001 uses —

Tacks screens, insulation, ceiling tile, metal lath, etc.

INSULATION of all types quickly and properly installed with Hansen, the Tacker you hold and operate with one hand — securely holding material and bracing self with other. Flanges on insulation are easily tacked in place. Reflective insulation looks and holds better when tacked with Hansen. Building paper, screens, ceiling tile, metal lath, cornerite, are among other time-saving uses of this modern tacking method.

REQUEST BOOKLET T-40

A. L. HANSEN MFG. CO.
5059 Ravenswood Ave.
CHICAGO 40, ILL.

Select LUFKIN WHITE CLAD

for faster, easier, more accurate measurements

SUPER MEZURALL

Sturdy 1 1/2" line . . . 10 and 12 ft. lengths . . . 16" centers indicated . . . marked feet and inches on edge, consecutive inches on other edge . . . extra-long adjustable hook . . . featherweight case.



REGULAR MEZURALL

Featherweight case is lightest yet strongest die cast case made . . . 1/2" snow white line with jet black figures . . . wears extra long because of tough clear plastic coating . . . 6, 8, 10 and 12 ft. lengths.



FREE "SEE THRU" BOX

All White Clads are packed in a handy reusable plastic box.

BANNER WHITE CLAD

Snow white 1/2" line made of hardened tempered steel for long wear . . . graduated feet, inches and 6ths . . . rugged, oxidized steel case covered in durable vinyl . . . 25, 50, 75, 100 ft. lengths.



348

BUY **LUFKIN** TAPES • RULES • PRECISION TOOLS
AT YOUR HARDWARE OR TOOL STORE
THE LUFKIN RULE CO., SAGINAW, MICH. • BARRIE, ONTARIO

CATALOGS

MULTI-CONTROL WIRING SYSTEM—The new low-voltage wiring system for the central and remote control of multiple circuits is described in this 6-page bulletin. The bulletin illustrates how the new system saves time and steps. Outdoor as well as indoor installations are described. The Bryant Electric Co., Dept. AB, Bridgeport 2, Conn.

Circle No. 427 on coupon, page 62

SLIDING ALUMINUM WINDOWS—A new standard specification for horizontal residential-type sliding aluminum windows has been developed by the Aluminum Window Manufacturers Association, and is now available to help distinguish between dependable types and the many inferior grades on the market. Aluminum Window Manufacturers Association, Dept. AB, 74 Trinity Place, New York, N. Y.

Circle No. 428 on coupon, page 62

ACOUSTICAL TILE ADHESIVES—A manual covering the use of acoustical tile cement is now available containing simple text and diagrammatic illustrations on such topics as how much cement to use, how to set and level tile and how to cement tile to various ceiling surfaces. A. Z. Bogert Co., Dept. AB, Ambler, Pa.

Circle No. 429 on coupon, page 62

RESIDENTIAL LOAD CENTERS—Bulletin GEC-1309 describes G-E's new line of circuit breaker load centers, circuit breakers and accessories. General Electric, Dept. AB, Attn. G. R. Westfall, Trumbull Components Dept., Plainville, Conn.

Circle No. 430 on coupon, page 62

GLASS HEAT—A 4-page booklet describing this company's product and installation methods. Continental Radiant Glass Heating Corp., Dept. AB, 1 East 35th St., New York 16, N. Y.

Circle No. 431 on coupon, page 62

WESTERN RED CEDAR—Two items are now available to aid users of red cedar bevel siding: a pocket-size siding estimator, with a table to compute the amount of bevel siding needed to cover a wall, and a new siding catalog describing proper application, nailing and finishing. The Western Red Cedar Lumber Association, Dept. AB, 4403 White Henry-Stuart Bldg., Seattle, Wash.

Circle No. 432 on coupon, page 62

REDWOOD WALL PATTERNS—Two new data sheets on patterns for interior and exterior walls of redwood are now available called "Anzac Siding Walls" and "Shiplap Walls." They describe the two patterns in detail including dimensions, application methods and cross sections of each. California Redwood Association, Dept. AB, 576 Sacramento St., San Francisco 11, Calif.

Circle No. 433 on coupon, page 62

QUICK-REFERENCE GUIDE TO 1955 MODELS OF

Westinghouse Appliances

REVISED and
ENLARGED
EDITION

FOR KITCHENS AND LAUNDRIES

For complete specifications, see your Westinghouse Distributor

• **EXCITING NEW COLORS!** Now Westinghouse Appliances are available in glowing Holiday Colors! Although most of the appliances are illustrated in white, many are available in exciting Sunshine Yellow,

beautiful Cascade Aqua or in a combination of these two tones. Use them to add more excitement and prospect appeal to the kitchens and laundries in your 1955 houses.

AUTOMATIC LAUNDRY EQUIPMENT

All 1955 Westinghouse Laundry Equipment is available in the full range of Holiday Colors as well as white.



WD-1



H-1



L-8 and D-8

Every Westinghouse Laundromat features the patented "New Way To Wash."

WASH 'N DRY LAUNDROMAT®

FIRST IT WASHES . . . THEN IT DRIES . . . all in a single space-saving unit. Completely flexible, it can be used just as a washer—or a dryer—or both in one continuous operation. No venting or lint trap required. Operates on 230 volts, a-c.

LAUNDROMAT 25

Only 25" wide yet washes a full family-size load . . . can be installed under counter . . . uses less water than other automatics. Perfect for homes where space really counts. Fully automatic. Casters available. Operates on 110/120 volts, a-c.

DE LUXE LAUNDROMAT

A deluxe automatic washer with exclusive New Way To Wash that does away with old agitator methods. Weight-to-Save Door and Water Saver save water and soap. Can be installed flush-to-wall. 110/120 volts, a-c.

CLOTHES DRYER

Outstanding value at a budget price! New Dryer features direct air flow system for faster, economical drying, fully automatic flexible Control Dial and handy Loading Door. Operates on either 115 or 230 volts, a-c.

DE LUXE ELECTRIC CLOTHES DRYER

Matches Laundromat. Dries all clothes including "miracle fabrics". Exclusive direct air flow system, 3-Way Dry Dial and 3-Heat Selector Dial. Vent from side or rear. 115 or 230 volts, a-c.



AD-1

AUTOMATIC LAUNDRY EQUIPMENT SPACE REQUIREMENTS

Model	Width	Height	Depth	Depth With Door Open
L-8	31"	39 7/8"	28 1/2"	43 1/2"
D-8	31"	39 7/8"	28 1/2"	43 1/2"
H-1	25"	35 3/4"	25 1/8"	39"
WD-1	32"	40 1/4"	28 1/4"	43 1/4"
AD-1	31"	36 1/2"	27 3/4"	42 3/4"

*To top of backplasher.

**Adjustable up to 36 1/2". Height without top panel 34 1/2".

Westinghouse

REFRIGERATORS

Westinghouse Refrigerators offer a wide selection of capacities, sizes and features for any building or replacement requirement. Full-width, blue anodized aluminum Freezers, refrigerated on all 5 sides, blend with striking Arctic Blue interiors and gold tone shelf fronts. The famed 1/2-hp Economizer Mechanism has a 25-year record of low operating costs and trouble-free performance. Two patented automatic defrosting systems are available—famous Frost-Free* system that even evaporates defrost water automatically, and Push-Button† system that lets user defrost simply by pushing a button. Both systems defrost Freezer so quickly that foods stay firmly frozen. All models available in gleaming white "Dulux"; some models also in Cascade Aqua or Sunshine Yellow with copper-toned interiors.

*Trade-Mark U. S. Patents Issued, Nos. 2,459,173 and 2,324,309
 †U. S. Patent Issued, No. 2,324,309



World's Only FROST-FREE Two-Door

Separate 73-lb. Freezer, plus a 9.4 cu. ft. Refrigerator with Automatic Twin Juice Fountain as optional accessory. Meat Keeper*, Roll-Out Shelves, Humidrawers, Egg Keepers, Cheese and Butter Compartments, Fruit Bin. Available in color.



PH-125



PH-109



PH-70

Push-Button Automatic Defrosting

A 12.5 cu. ft. Refrigerator, ideal for even the largest families. 70 lbs. of frozen storage space in giant full-width Freezer plus Cold Storage Tray. Adjustable Shelves, 3/4-bu. full-width Vegetable Humidrawer*, bonus Egg and Bottle Shelves-In-Door.

Push-Button Automatic Defrosting

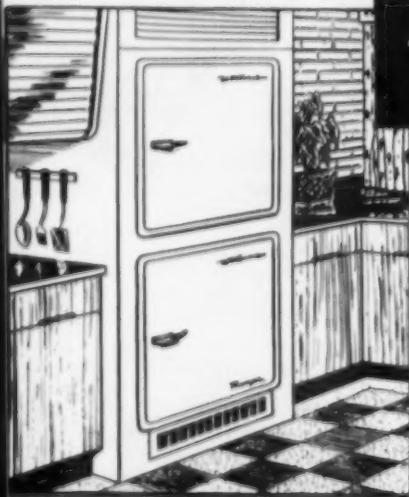
Spacious 10.9 cu. ft. family-size Refrigerator. 70 lbs. of frozen storage space. Giant full-width Freezer, Cold Storage Tray, Adjustable Shelves, 3/4-bu. full-width Vegetable Humidrawer, bonus Egg and Bottle Shelves-In-Door.

Push-Button Automatic Defrosting

Compact, spacious 9 cu. ft. Refrigerator, only 28" wide. Freezes and stores 53 lbs. of foods and ice. Adjustable Shelves, 3/4-bu. Humidrawer, Shelves-In-Door.

PH-80 Push-Button Automatic Defrosting

A full 8 cu. ft., only 24" wide. 39-lb. frozen storage capacity. 1/2-bu. Vegetable Humidrawer, Shelves-In-Door.



BRH-80

BFH-80

JUST ANNOUNCED

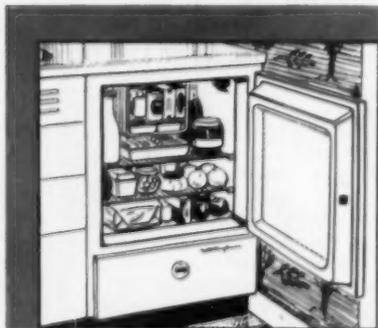
New Built-In Refrigerator and Freezer

Brand new . . . an 8.3 cu. ft. Refrigerator and a 6.3 cu. ft. Freezer . . . versatile, ideal for the growing custom-kitchen market. 4 exterior finishes—Gleaming White, Sunshine Yellow, Cascade Aqua or lustrous brushed chrome with bright chrome trim. Refrigerator and Freezer may be installed side by side, vertically or on opposite walls. Each has separate 1/2-hp mechanism which may be installed above, below the appliance or in floor joists.

SPACE REQUIREMENTS

Refrigerator Model
 BRH-80 36" W x 33 3/4" H x 24" D

Freezer Model
 BFH-80 36" W x 33 3/4" H x 24" D



HG-4 Under-Counter Model

Only 34 1/2" high, 24" wide. Full 4 cu. ft. capacity. 16-lb. Freezer. No extra space needed for full door opening. Door reversible for left- or right-hand opening.

LIFT

Westinghouse

ELECTRIC DISHWASHERS

• Westinghouse offers Dishwashers in two styles: models with contour fronts and with flat fronts. Series DWC includes 3 contour front models in gleaming white finish. Series DWD includes a straight front under-counter model in white, and a straight front freestanding model available in white and in the full range of new Holiday color combinations.

Operating features of all models are identical. They include the Temperature Monitor Control for automatic water heating, to assure sanitization as well as perfect washing and drying; selective control with visual Indicator Dial to check progress of washing cycle; an easier-to-load hinged rack design and an unsurpassed capacity.

DISHWASHER SPACE REQUIREMENTS				
Model	Width	Depth Including Hardware	Depth Drawer Open	Height
DWC-4B5C	48"	28½"	42½"	36"
DWC-24	24"	26½"	42½"	34½"
DWC-24FS	24"	26½"	42½"	36"
DWD-24	24"	25½"	42½"	34½"
DWD-24FS	24"	25½"	42½"	36"

*Depth of Dishwasher frame to which work surface is mounted—24".
**Add 4" for backplasher.



DWC-4B5C



DWD-24



DWD-24FS

DWC-4B5C—Dishwasher-Sink combination has own porcelain sink, drainboard and chrome fixtures. Also available without sink top and fixtures for under-counter installation.

DWD-24—Under-Counter Model with flat front panel to line up with adjacent base cabinets for that "custom-built" kitchen look. Also available: Model DWC-24, contour front.

DWD-24FS—Freestanding, flat-front model with porcelain work surface. Ideal for freestanding installation anywhere in kitchen. In white and all Holiday color choices. Also available: Model DWC-24FS: white, contour front.

FOOD WASTE DISPOSER

This high-quality, low-cost Westinghouse Disposer shreds all food waste, even bones, and washes it all down the drain and out of the house in seconds. Performs equally well when connected to city sewer lines or septic tanks. Can be used for "continuous feed" or "single-load" operation. Reversing switch doubles life of shredders. All metal-to-metal connections insulated against noise and vibration with Neoprene. Operates on 110 volts, a-c.

Easily and quickly installed in cast iron, formed metal or enameled sheet steel sinks with 3½" to 5½" drain openings. Requires only 7½" between bottom of sink bowl and center line of drain line in wall for connection to waste line through wall.

Disposer has opening in upper housing, with removable plug, to accommodate drain line from Dishwasher. This eliminates need for a separate dishwasher trap.

A - 18 Dimensions: 8½" wide x 10½" deep x 13¼" high.



A-18

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DFH-122

FROST-FREE Fully Automatic Defrosting

De luxe 12.2 cu. ft. Refrigerator with 51-lb. Freezer, Automatic Twin Juice Fountain (optional), Beverage Keeper, Meat Keeper, Roll-Out Shelves, Humidrawers, Egg Keepers, Cheese and Butter Compartments, Fruit Bin. Available in color.



DFH-106

FROST-FREE Fully Automatic Defrosting

Superbly styled 10.6 cu. ft. Refrigerator with 51-lb. Freezer, Meat Keeper, Roll-Out Shelves, Humidrawers, Egg Keepers, Cheese and Butter Compartments, Fruit Bin plus Automatic Twin Juice Fountain (optional). Available in color.



FH-103

FROST-FREE Fully Automatic Defrosting

Big 10.3 cu. ft. Refrigerator. Bonus storage space throughout. 51-lb. Freezer; 18-lb. Meat Keeper; full-width, 1/2-bu. Vegetable Humidrawer[®]; Adjustable Shelves; Egg and Bottle Shelves plus Butter Keeper in door.



DSG-91

Smart Copper Styling

9.1 cu. ft. Refrigerator, only 28" wide. 56 lbs. of frozen storage. Butter Keeper, Meat Keeper, 3/5-bu. Vegetable Humidrawer, Egg and Bottle Shelves plus Fruit Bin in door.



DH-80

DeLuxe Model... Only 24" Wide

A full 8 cu. ft. in cabinet 56 1/2" high. 39 lbs. of frozen storage capacity, 1/2-bu. Vegetable Humidrawer, Egg and Bottle Shelves plus Butter Keeper in door. Space-Saving Hinges.



HH-81

A 24"-Wide Space Saver

8.1 cu. ft. capacity. 40 lbs. of frozen storage in Freezer and Cold Storage Tray. Egg and Bottle Shelves-In-Door offer bonus storage space. Space-Saving Hinges.



HH-60

Only 24" Wide . . . 50" High

A full 6 cu. ft. capacity. 40 lbs. of frozen storage space in full-width Freezer and Cold Storage Tray. Special Snack Shelf and sturdy, full-width shelves. Space-Saving Hinges.

REFRIGERATOR SPACE REQUIREMENTS

(All models available with either left- or right-hand door opening)

Model	Height	Width	Depth Including Hardware	Depth Door Fully Open	Width Door Opening*	Shelf Area Sq. Ft.
TFH-115	65 1/2"	32"	29 1/4"	56 1/2"	34 1/2"	19.3
DFH-122	65 1/2"	32"	29 1/4"	56 1/2"	34 1/2"	17.8
DFH-106	59 1/4"	32"	29 1/4"	56 1/2"	34 1/2"	17.1
FH-103	59 1/4"	32"	29 1/4"	56 1/2"	34 1/2"	16.7
PH-125	65 1/2"	32"	29 1/4"	56 1/2"	34 1/2"	22.3
PH-109	59 1/4"	32"	29 1/4"	56 1/2"	34 1/2"	18.9
PH-90	57 1/2"	28"	29 1/4"	52 1/2"	30 1/2"	15.2
PH-80	56 1/2"	24"	29 1/4"	48 1/4"	26 1/2"	13.1
DSG-91	57 1/2"	28"	29 1/4"	52 1/2"	30 1/2"	16.0
DH-80	56 1/2"	24"	29 1/4"	50 1/2"	25 1/2"	13.2
HH-81	56 1/2"	24"	29 1/4"	50 1/2"	25 1/2"	13.2
HH-60	50"	24"	28 1/4"	50 1/2"	25"	10.1
HG-4	34 1/2"	24"	27"	47 3/4"	24"	8.0

HOME FREEZER SPACE REQUIREMENTS

UFH-110†	59 1/2"	32"	31 1/2"	56 1/2"	36 3/4"	13.32
UFH-140†	65 1/2"	32"	31 1/2"	56 1/2"	36 3/4"	16.85
UFE-180	67 1/2"	36"	31"	62 1/2"	38 1/2"	18.6

*Width given for door openings is minimum required for removal of all interior compartments.
†Models available with either left- or right-hand door opening.

HOME FREEZERS

Westinghouse Freezers are available in 3 sizes. Popular 11 1/2 cu. ft. model has 402-lb. capacity, 14 cu. ft. model—490 lbs. Both have new Deep Door design that doubles front row storage. Dual Freezing System provides both quick freezing and long-time storage. 18 cu. ft. model has 630-lb. capacity. Cold Saver Inner Doors and freezing coils on all 5 sides.



UFH-140

Westinghouse

SPEED-ELECTRIC RANGES

For complete specifications, see your Westinghouse Distributor



Westinghouse Ranges are hot promotional items for builders because they have the latest in cooking advancements. To mention two: the amazing Electronic Unit on which foods can't burn, and a full-width 30" oven, large enough to hold a full-course meal on one rack. One model in Holiday Colors.

De Luxe Built-In RANGE

Here's a new concept in styling and de luxe features. Its fully automatic oven is 24" wide on the inside, has a Look-in Door and is Miracle Sealed for perfect baking and roasting. For counter cooking there are 4 Plug-in Corox surface units, including a Super Corox Unit, plus Color-Glance Controls and a stainless steel and chrome finish.



SPACE REQUIREMENTS

OH—Oven Unit: 30½" W" x 25"H x 22"D

PH—Counter Unit: 33½" x 20½" x 9" Plus Trim

RANGE SPACE REQUIREMENTS			
Model	Width	Height*	Depth With Door Open
AH - AHS	40"	48½"	42½"
BH / BHS	40"	48½"	43½"
CH	40"	46½"	43½"
DH	40"	46½"	42½"
EH	40"	46½"	42½"
FH	30"	47½"	44½"
NH	30"	47½"	44½"
RH	30"	47½"	44½"
HH	40"	43½"	42½"
KH	21"	40"	43½"

*To top of backsplash.



AH—COMMANDER

Has two Miracle Sealed Ovens, Electronic Unit, Super Corox Unit, Plug-in Units, Two-Level Cooker, Minute Minder, Clock and Oven Timer, Storage Drawer.

AHS—BHS MODELS

Have same de luxe features as AH and BH except 6" Plug-in Corox Unit in place of Electronic Unit.

BH—IMPERIAL 40

America's first full-size 40" Range with a full-width oven. Has all top features including Electronic, Super Corox and Plug-in Units, Twin Broiler, Automatic Controls.

CH—CUSTOM 40

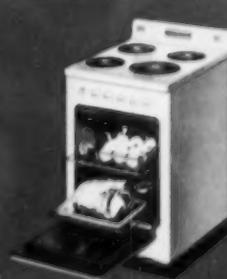
A lower cost version of the Imperial 40. Has same features except Electronic Unit and Look-in Door.

DH—CHAMPION

Features Plug-in Surface Units including Super Corox that gets Red Hot in 30 seconds, Two-Level Cooker, Miracle Sealed Oven, Fluorescent Light, Electric Clock, Minute Timer, Automatic Oven Timer, Storage Drawers, Appliance Outlet.

EH—COMMODORE

Full-size automatic Range at a budget price. Features a Miracle Sealed Oven, Electric Clock, Minute Timer and Automatic Oven Timer, Tell-A-Glance Controls, Platform Light, full-width and standard Storage Drawers, Automatic Appliance Outlet.



FH—IMPERIAL 30

Only 30" wide. Miracle Sealed Oven, Look-in Door, Super Corox Unit, Color-Glance Controls, Electric Clock, Minute Timer, Automatic Oven Timer, Fluorescent Light, Storage Drawer. In 5 Holiday color choices.

NH—THIRTY

Budget-priced 30" model has four fast Corox Units, Miracle Sealed Oven, Single Dial Oven Control and Signalite.

RH—CUSTOM 30

A de luxe version of Model NH. Has same features plus Automatic Timer and Fluorescent Platform Light.

HH—LEADER

A 40"-wide big Range value. Features four fast Corox Units, True-Temp Oven, Tell-A-Glance Controls, Appliance Outlet, Single Dial Oven Control and Oven Signalite, plus Storage Drawer.

KH—CORONET

Only 21" wide. Has four fast Corox Surface Units, one 8" and three 6" units; True-Temp Oven; Appliance Outlet; Single Dial Oven Control and Oven Signalite. Titanium porcelain finish. Light and Timer available as accessory.

Westinghouse Appliances



ELECTRIC WATER HEATERS

• Westinghouse Water Heaters can be installed anywhere—basement, kitchen, utility room, alcove, closet. No vent or flue needed. They can be installed nearest point of greatest use, an economy advantage that eliminates long pipe runs.

All Westinghouse Water Heaters carry a liberal 10-Year Protection Policy against tank failure. All have efficient, direct immersion heating elements; accurate, automatic temperature controls, and heavy Fiberglas insulation. A 40-gallon Table-Top Heater is available in all Holiday color choices.

DE LUXE MODELS

In 10, 30, 40, 52, 66 and 80-gallon capacities, with single or double heating elements.

TABLE-TOP MODELS

In 30, 40 and 50-gallon capacities, single or double heating elements. Porcelain enamel platform top provides standard height work surface or can be removed for installing heater under custom counters.

WATER HEATER SPACE REQUIREMENTS

De Luxe Models	Capacities	Height	Diameter	
DG10D	10 gal.	26 1/2"	18 3/4"	
DG30D	30 gal.	51 3/4"	20 3/4"	
DG40D	40 gal.	52"	23 3/4"	
DG52D	52 gal.	55 1/2"	25 3/4"	
DG66D	66 gal.	56"	27 3/4"	
DG80D	80 gal.	66 3/4"	27 3/4"	
Table-Top Models	Capacity	Height*	Width	Depth
AF30T	30 gal.	36"	21"	25"
AF40T	40 gal.	36"	24"	25"
AF50T	50 gal.	36"	24"	25"

*Add 4" for backplasher.

POWERAIRE® VENTILATING FANS

• A prime objective in new or remodeled homes is a clean comfortable kitchen. Westinghouse Poweraire Kitchen Ventilators provide this by changing the air in an average kitchen every two minutes. Designed for permanent installation, they are available in two wall and one ceiling models. For silent operation, all have new Hemcolite S-R® blades, which are bend-proof and warp-proof.



MODEL CV310 is similar to WV310 except that it is designed for ceiling operation. It is operated by a remote control switch (not supplied with ventilator).



MODEL 10PHV—10" wall model with snap-on Air-Injector grille to keep air movement quiet. Grille snaps off for cleaning. Pull-chain control operates both motor and outside insulated shutter.

MODEL WV310—Smaller 8" economy wall model with all the general features of the 10PHV. By loosening 2 thumb nuts, the fan may be removed for ease in cleaning both fan and ventilator interior.

SPECIFICATIONS

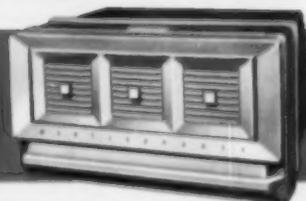
Catalog No.	Blade Size	Volts	Cycles	Speed RPM	Air Delivery CFM	Watts
10PHV	10"	115	60	1555	420* (900**)	54
WV310	8"	115	60	1900	300* (500**)	52
CV310	8"	115	60	1900	300* (500**)	52

Watts, rpm and air displacement may vary 10% from values shown.

*By standards of National Electrical Manufacturers Association.

**Free Air Capacity, as measured by certain manufacturers.

ROOM AIR CONDITIONERS



Westinghouse has 9 models available for *standard double-hung* as well as *casement* windows. They require no building alterations, no pipes, ducts or drains. Any model can be installed from inside, and will extend only a few inches into the room. Their smart, modern styling in *Alpine Gray* finish will harmonize with any room decor. The *De Luxe* units have push-button controls for ten completely different comfort zones. *Special* units have dial-type controls for six comfort zones. The entire control panel is concealed under the lid of the unit. *De Luxe* models are equipped with electric heat or reverse cycle heat.

One-year Warranty on the entire Room Air Conditioner, plus an additional 4-year Warranty, covers the complete Hermetically-Sealed Refrigeration System. Plugs into any adequately wired standard outlet.

For *Standard Double-Hung Windows*: 1/2-hp SPECIAL, 5AW-50. 3/4-hp SPECIAL, 5AW-75. 1-hp SPECIAL, 5AW-100. 1 1/2-hp DE LUXE, 5AW-150. 2-hp DE LUXE, 5AW-200D. 3/4-hp DE LUXE, 5AW-75D. 1-hp DE LUXE, 5AW-100D (both electric heat). 3/4-hp DE LUXE, 5AWR-75D (equipped with Reverse Cycle heat). For *Casement Windows*: 3/4-hp, 5AWC-75.

WESTINGHOUSE ELECTRIC CORPORATION • Electric Appliance Division • MANSFIELD • OHIO

YOU CAN BE **SURE** ... IF IT'S **Westinghouse**

Power · Performance · Economy

better than ever in the New

800 FORD TRACTORS!

30% More Power to help you get jobs done on time. Ford's advanced "Red Tiger" engine powers the new 800 series Ford Tractors . . . delivers 42.5 belt and 35 drawbar horsepower.* Here's extra power to move more dirt, handle heavy work loads easier, do more jobs faster!

New 5-speed Transmission gives you the right combination of power and speed for every job. There's a creeper gear for finish grading . . . a high speed gear for road travel . . . a full range of speeds in between. Fast, easy forward-reverse shifting speeds loading, backfilling and dozing work.

Extra weight when you need it! Specially designed wheel weights, sold separately, let

you add easily and quickly more than 1150 pounds to the tractor, in addition to loaded tires. And, for special job conditions, you can add as much as 200 pounds to the tractor's front wheels for extra front end stability.

Real Economy, Too! A rock-bottom Ford price and exceptional operating economy make the new 800 Ford Tractor a better investment. See for yourself how it can save money and manpower all year long, on a wide variety of jobs. Ask your nearby Ford Tractor and Equipment Dealer for a demonstration. Ask him to show you the new 600 Ford Tractors, too! Tractor and Implement Division, Ford Motor Company, Birmingham, Michigan.

*Manufacturers Rating



See your nearby
**FORD TRACTOR AND
EQUIPMENT DEALER**



put more easy-to-see quality and sales-

MALTA WO

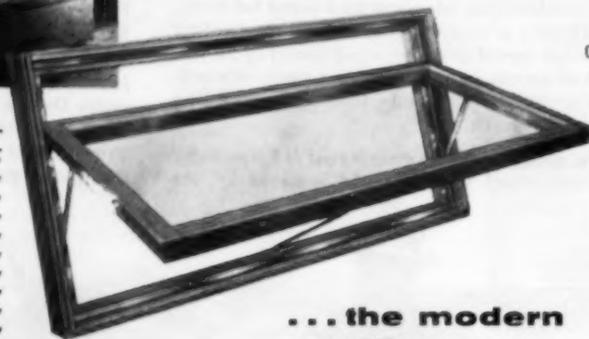


MALT-A-VENT

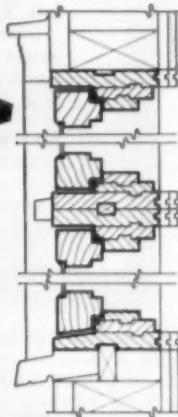
Complete operating or fixed units ready to install. Use for awnings, ribbons, casements or combine for window walls and interesting groups. Grooved sill permits perfect alignment, easy stacking. 2" full dimension sash may be single or double glazed. Fully weatherstripped. Furnished standard with operating bar. Packed 2 units in each carton, screens in place.

SIZES and SPECIFICATIONS

No.	OVERALL	GLASS	ROUGH STUD
3120	2'7" x 1'8"	26 1/2" x 15 1/2"	2'7 1/2" x 1'9 1/2"
3124	2'7" x 2'0"	26 1/2" x 19 1/2"	2'7 1/2" x 2'1 1/2"
3128	2'7" x 2'4"	26 1/2" x 23 1/2"	2'7 1/2" x 2'5 1/2"
3618	3'0" x 1'6"	31 1/2" x 13 1/2"	3'0 1/2" x 1'7 1/2"
4120	3'5" x 1'8"	36 1/2" x 15 1/2"	3'5 1/2" x 1'9 1/2"
4124	3'5" x 2'0"	36 1/2" x 19 1/2"	3'5 1/2" x 2'1 1/2"
4128	3'5" x 2'4"	36 1/2" x 23 1/2"	3'5 1/2" x 2'5 1/2"
4420	3'8" x 1'8"	39 1/2" x 15 1/2"	3'8 1/2" x 1'9 1/2"
4424	3'8" x 2'0"	39 1/2" x 19 1/2"	3'8 1/2" x 2'1 1/2"
4428	3'8" x 2'4"	39 1/2" x 23 1/2"	3'8 1/2" x 2'5 1/2"
4924	4'1" x 2'0"	44 1/2" x 19 1/2"	4'1 1/2" x 2'1 1/2"
4928	4'1" x 2'4"	44 1/2" x 23 1/2"	4'1 1/2" x 2'5 1/2"
4156	3'5" x 4'8"	36 1/2" x 51 1/2"	3'5 1/2" x 4'9 1/2"
4456	3'8" x 4'8"	39 1/2" x 51 1/2"	3'8 1/2" x 4'9 1/2"
4956	4'1" x 4'8"	44 1/2" x 51 1/2"	4'1 1/2" x 4'9 1/2"



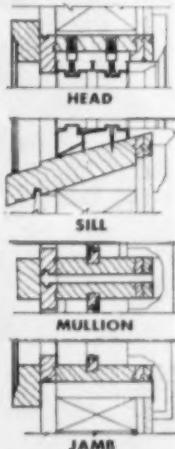
... the modern multi-purpose wood window unit



MALT-A-GLIDE ... horizontal sliding wood window unit with removable sash



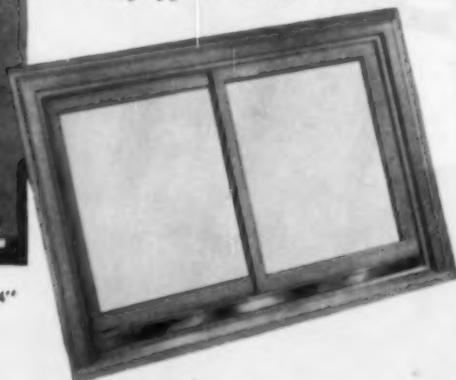
Use MALT-A-GLIDES for large glass areas, ribbon windows, picture walls. Silent operating, horizontal sliding, easy-to-remove removable sash. Fully weatherstripped, watertight seal. Removable Jamb Liner feature means quicker installation and flexibility for use in every type of wall construction.



GLASS SIZES: Widths: 16" 20" 24" 28" 32" 36" 40" 44"
 Heights: 20" 24" 28" 32" 36" 40" 44"

To determine Opening Sizes

For Stud Opening Height Width
 Singles add 9" over glass 7 1/2" over glass
 Twins add 9" over glass 14 1/2" over combined glass size
 For Masonry Opening Height Width
 Singles add 8 3/4" over glass 9" over glass
 Twins add 8 3/4" over glass 16" over combined glass size
 Neat opening 1/2" smaller for stud openings



a good start makes a

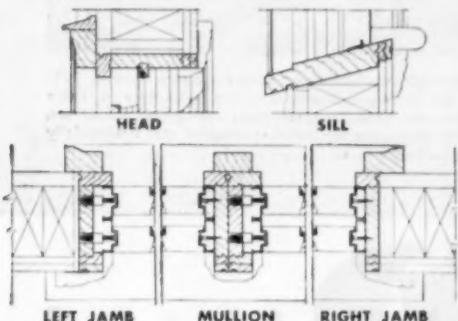
AMERICAN BUILDER

inviting appeal in every home you build!

od windows

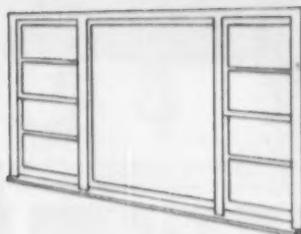
MALT-A-MATIC

The "standard" for quality double-hung units. Fully modular and adaptable to every wall thickness, every type of construction. Precision milled, 2" outside moulded casing. Rustproof spring-loaded metal weatherstripping permits easy adjustment for fingertip operation, life long dependability. Takes stock storm and screen sash.



Malt-a-Matic picture window units

Available all sizes with double-hung MALT-A-MATIC side windows with removable sash.



... the popular double-hung unit with removable sash ... available in a full range of sizes

outstanding MALTA features



JAMB LINERS ... let you use Malta units in walls of varying thicknesses. Vary jamb width from 5 1/4" to 4 1/2" for every type of wall construction. Easily removed — require no further working after installation.

QUICK, ECONOMICAL INSTALLATION ... precision milled Malta units mean greater savings for the builder. Require less working on the job — provide greater flexibility in design and construction. All Malta units are chemically treated to prevent decay, staining. Provides better painting base—gives longer life.

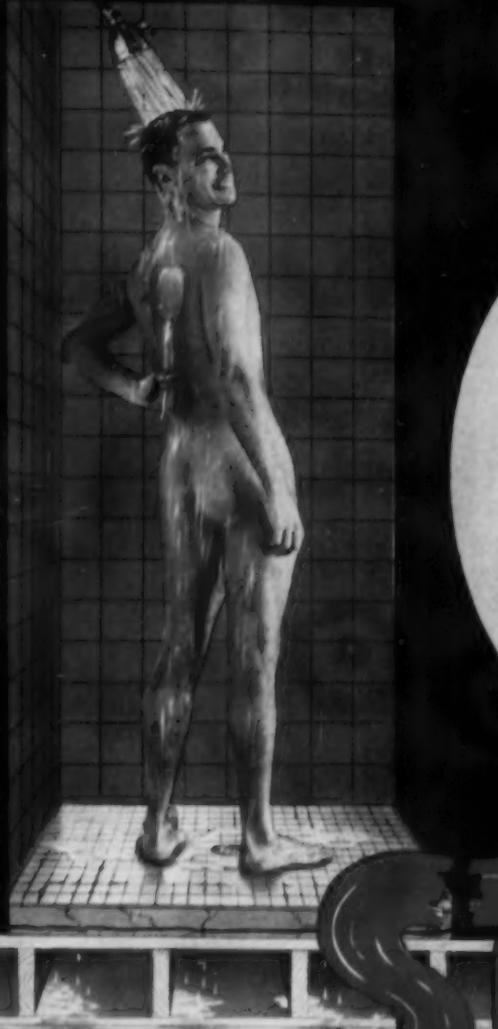


REMOVABLE SASH ... more convenience to every builder. Sash delivered with units. May be removed for setting frame in opening, for painting and decorating. Lets you close-in faster — makes cleaning-up easier. Gives added sales appeal—lets your buyer clean the outside-inside.

BUILDERS: Send for complete literature on Malta units or see your nearest Malta Dealer.



profitable finish ... with MALTA



here's the modern,



1 No special construction or added support needed. Sub-floor is laid in regular manner, cutting small hole for drain connection. No need for lead pan, sub-layers, mortar etc. Savings of on-the-job labor makes installed cost substantially less than built-up floors.

STOP old-fashioned



Builder reports "Excellent Customer Acceptance"

"After using your precast shower floors for the past year, I'm glad to tell you how pleased we are with your product. We are currently using them in both Larchmont Village, Inc., in Sacramento, and Bristol Park in Santa Ana, Cal. From both projects we are receiving very excellent customer acceptance."

"It has always been our policy to put quality products into our houses. Your precast shower floor is certainly a quality item, and the customer recognizes and appreciates this fact. The customer also likes its colorful and attractive appearance. As I said above, we like your product and best of all it helps us sell homes."

—C. E. Brock



MOST COMPLETE LINE OF "PACKAGED SHOWERS"



money-saving way to build a shower



2 The shower floor slides into place. It is a self-contained, monolithic unit with both metal tiling-in flange and drain cast integral. Plumber makes calked drain connection quickly and easily while installing floor. No call backs—no other trades required—ideal with any wall material.



3 The modern Precast floor provides perfect drainage permanently. Not fastened to framing or bonded to floor, the FIAT floor is never damaged by building settlement. Shower walls are finished over tiling-in flange to complete an economical, attractive and absolutely leakproof shower.

leaky construction with Fiat PreCast shower floors



Mr. C. E. Brock
M. J. BROCK & SONS, Inc.
Los Angeles, California

Now you can keep shower bath water where it belongs for the lifetime of the house with a guaranteed, leakproof FIAT PRECAST SHOWER FLOOR. Never again risk your reputation on intricate, multi-layer, built-up floors that are both inefficient and unsanitary. Try this modern, money-saving FIAT FLOOR to solve an age old building problem. FIAT FLOORS are designed for use with any type shower wall material—come

in a range of suitable sizes—available in either PreCast *Terrazzo* or *Artstone*, both of which provide a smooth, joint free, easy to clean appearance with a warm foot-grip surface. And best of all you can save up to 40% with FIAT FLOORS, according to leading builders who have installed them. Performance proved by thousands now in use! It will pay you to get all the facts, so mail coupon today.

See Sweet's 24c
F1



• PRECAST SHOWER FLOORS • BATH ENCLOSURES



First in Showers Since 1922

3 Complete Plants • Representatives in all Principal Cities



FIAT METAL MFG. CO.
9301 W. Belmont Ave., Franklin Park, Ill.

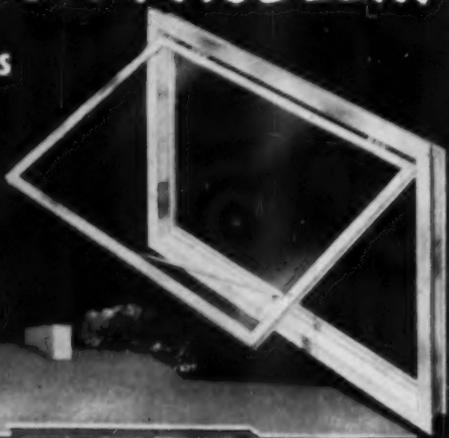
- Please send complete data on FIAT PRECAST SHOWER FLOORS.
- Have a representative contact me.

Name _____
 Address _____
 City _____ State _____
 Type of Business _____

Made to SOLVE YOUR WINDOW PROBLEM

ONE BASIC SIZE IN 4 VARIATIONS

for unlimited arrangements
in ribbons, stacks and
multi-groupings



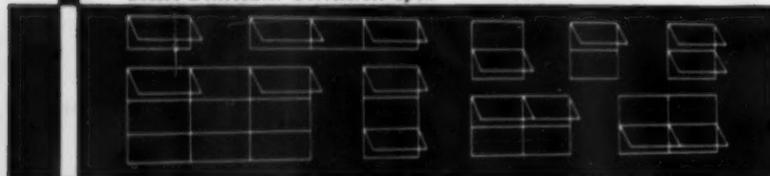
Here is a window that provides a ready solution to your window problem. Whether for light, ventilation or weather protection . . . whether for single openings, full window walls, ribbons or stacks . . . whether for private residence, commercial structure, schools or igloos.

Both TOP window units (either Vented or Fixed sash) have an outside flange about the complete perimeter of the window. Both LOWER units have the head flange located *on the inside*. This simple advancement permits window stacking *without* the use of horizontal mullion bars. The easily installed ALTEX FLEX-A-LITE eliminates the need for a variety of windows and permits you to build . . .

HIGH, WIDE and HANDSOME

- ★ PROTECTED VENTILATION
- ★ UNDER-SCREEN OPERATOR
- ★ NEOPRENE GLAZING
- ★ ALUMINUM SCREENS
- ★ STAINLESS STEEL HARDWARE
- ★ COMPLETELY WEATHERSTRIPPED
- ★ REMOVABLE VENT
- ★ LIFETIME ALUMINUM
- ★ STORM SASH AVAILABLE
- ★ NO PAINTING REQUIRED
- ★ NO MAINTENANCE COSTS

Choice Distributor Territories Open.



Write or wire today for name of distributor nearest you:

ALTEX ENGINEERING COMPANY
125 INDUSTRIAL ROAD • SUMMERVILLE, S.C.

AMERICAN
BUILDER

Steel Kitchen Cabinet Standards

The following pages contain the recently adopted standards of the Steel Kitchen Cabinet Manufacturers Association and should be helpful to the builder in his planning and designing.

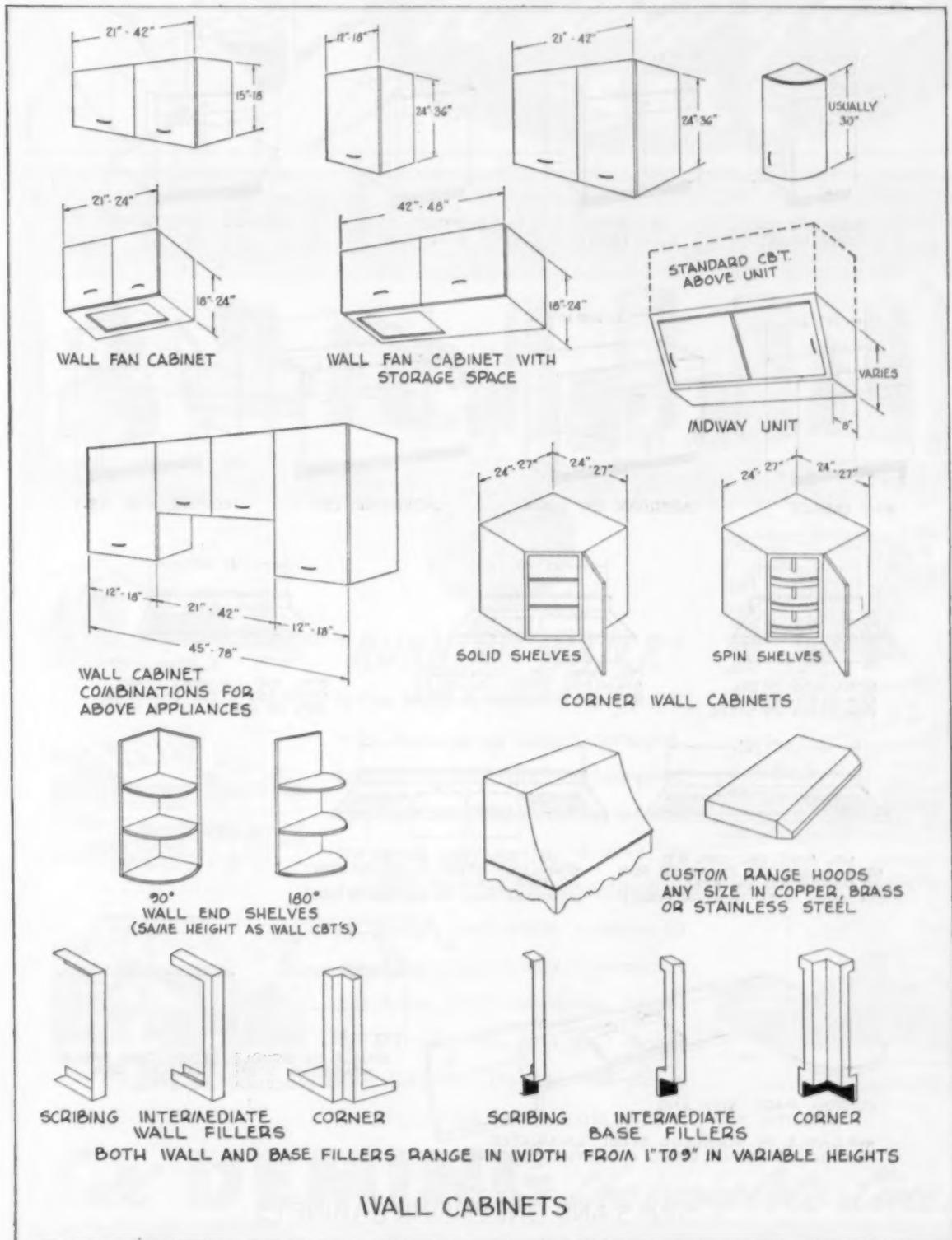
The association's offices are located in the Engineer's Building, Cleveland 14, Ohio. Arthur Tuscany, Jr., is executive secretary.

Members of the Steel Kitchen Cabinet Manufacturers Assoc.

- AMERICAN KITCHENS DIV. AVCO MFG. CORP.
Cannonsville, Ind.
- AMERICAN RADIATOR & STANDARD SANITARY CORP.
Pittsburgh, Pa.
- APPLIANCE & ELECTRONICS DIV. AVCO MFG. CORP.
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- BERGER MANUFACTURING DIV. REPUBLIC STEEL CORP.
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- TRACY KITCHENS, EDGEWATER STEEL CO.
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- UNITED METAL CABINET CORP.
Brooklyn, N.Y.
- UNIVERSAL-RUNDE CORP.
New Castle, Pa.

Technical Guide

Standards of the Steel Kitchen Cabinet Manufacturers Association



(Continued on page 80)

Standards of the Steel Kitchen Cabinet Manufacturers Association



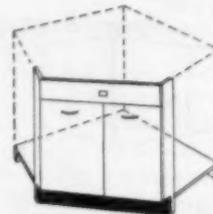
SINGLE DOOR
SINK FRONT



DBL DOOR
SINK FRONT



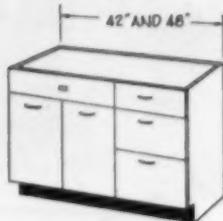
RECESSED TYPE
SINK FRONT



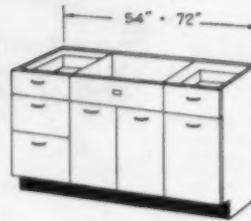
CORNER SINK FRONT



SINK CABINET



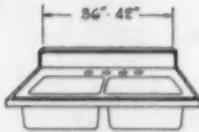
UNDERSINK CAB L OR R.



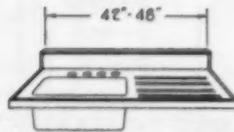
UNDERSINK CAB



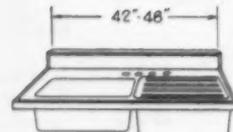
CORNER SINK CAB



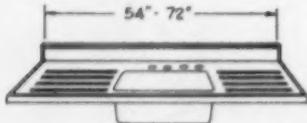
TWIN BOWL
STAINLESS STEEL,
ENAMELED IRON OR
PORCELAIN ON STEEL



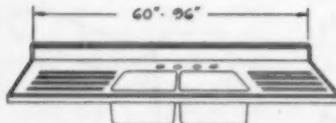
DBL BOWL DBL DRAINBOARD
STAINLESS STEEL, ENAMELED
IRON, OR PORCELAIN ON STEEL



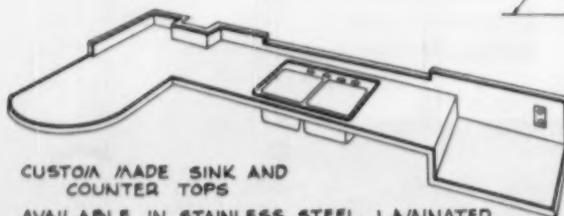
BOWL AND LAUNDRY TRAY
STAINLESS STEEL, ENAMELED
IRON OR PORCELAIN ON STEEL



SGL BOWL DBL DRN'BD
STAINLESS STEEL, ENAMELED IRON
OR PORCELAIN ON STEEL
(54\"/>

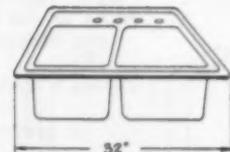
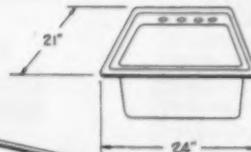


DBL BOWL DBL DRN'BD
STAINLESS STEEL, ENAMELED IRON
OR PORCELAIN ON STEEL
(60\"/>



CUSTOM MADE SINK AND
COUNTER TOPS

AVAILABLE IN STAINLESS STEEL, LAMINATED
PLASTIC, LINOLEUM, VINYL AND OTHER MATERIALS



SINGLE OR DOUBLE LEDGE TYPE BOWLS
STAINLESS STEEL, ENAMELED IRON
OR PORCELAIN ON STEEL

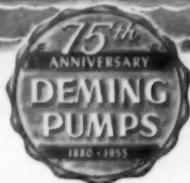
SINKS AND UNDERSINK CABINETS

(Continued on page 82)



He's out
To help you
SELL

DEMING water systems



FARMS



COTTAGES



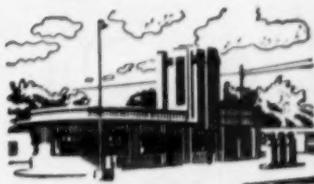
RESTAURANTS



RURAL HOMES



TOURIST COURTS



SERVICE STATIONS

"RUNNING WATER"

is the biggest helper you can sell —for farms, rural homes, cottages, tourist courts, rural restaurants, service stations—everywhere beyond city water mains. It takes a complete, top-quality line of pumps and water systems to meet the wide variety of demands for types and capacities. That's DEMING—the line that makes the Deming Dealer the pump headquarters in his community.

Sell **DEMING** *the complete Line!*

THE DEMING COMPANY • 563 BROADWAY • SALEM, OHIO

Standards of the Steel Kitchen Cabinet Manufacturers Association



**SINGLE DOOR BASE
W/1- DRAWER**



**DBL. DOOR BASE
W/1- DRAWER UP TO 30"
36" TO 42" HAS 2 DRAWERS**



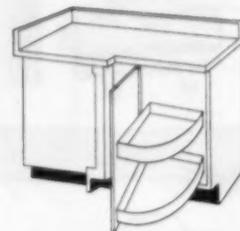
**CORNER BASE UNIT
USUALLY REQUIRES
FILLER (AS SHOWN)**



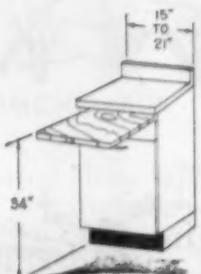
3-DRAWER BASE



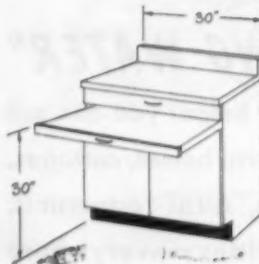
4-DRAWER BASE



**CORNER BASE SWING SHELF UNIT
USUALLY REQUIRES FILLER (AS SHOWN)**



CUTTING BOARD



SIT DOWN TABLE



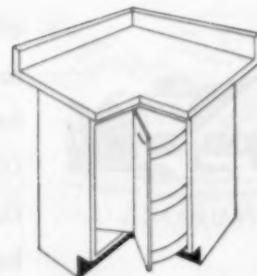
REVOLVING SHELVES



TABLE HEIGHT BASE



CURVED END



CORNER SPIN SHELF BASE

STANDARD BASE CABINETS

(Continued on page 84)

DESIGNED

FOR THE SMALL HOME



KAUSTINE SUSPENDED
FULLY AUTOMATIC OIL FIRED
WARM AIR FURNACE

The success of today's designers and builders of small homes depends on their ability to deliver a maximum of living space from available floor space . . . without sacrificing efficiency or economy.

That is why so many builders turn to the Kaustine line of fully automatic oil fired furnaces when considering their heating problem. *They know* there is a Kaustine quality heating plant to fit any small home design. *They know* these compact units operate efficiently and quietly in a minimum of space. *They know* that Kaustine furnaces are second to none in economy and long life.

Here we illustrate one of Kaustine's three Suspended Units offered for space saving installation where floor space is limited. They embody all of the features of the famous Kaustine Jersey Furnaces and are "factory assembled" for low cost installation.

GET THE FACTS . . . WRITE DEPT. AB-4

WHERE SPACE IS A PROBLEM

KAUSTINE FURNACES PROVE TROUBLE-FREE

CHARLES R. DuBAY Co.,
12 Linda Road, Wakefield, Mass.

We have just completed our first year as wholesale distributor of Kaustine Furnaces in this territory. Our sales have been gratifying and our customers have had no difficulty whatever with their Kaustine installations.

Charles R. DuBay



Kaustine

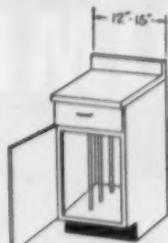
FURNACE & TANK CORP.
ROOST, NEW YORK

TOPS IN QUALITY

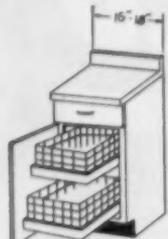
There is a Kaustine Furnace or Winter

Air Conditioner for every type of home

Standards of the Steel Kitchen Cabinet Manufacturers Association



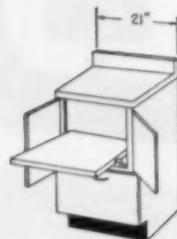
TRAY CABINET



VEGETABLE STORAGE



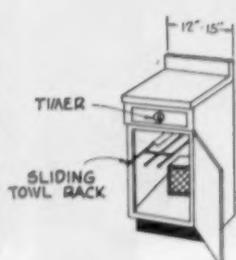
TILTING BIN



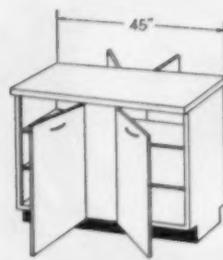
MIXER CABINET



HANDY UNIT



TOWEL DRYER



PENINSULA CABINET
(CAN BE MOUNTED ON CASTERS
TO MAKE MOVING UNIT)



180°



90°

BASE END SHELVES



2 BURNER UNIT WITH
CUT-OUT IN PANEL FOR

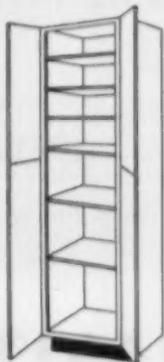


2-2 BURNER UNITS WITH
2 CUT-OUTS IN PANEL



1-3 OR 4 BURNER UNIT
WITH OR WITHOUT CUT-OUT IN PANEL

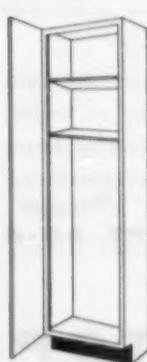
BUILT-IN RANGE CABINETS



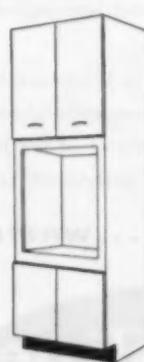
UTILITY



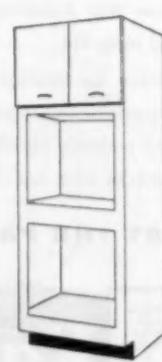
1/2 PANEL



1/2 PANEL



SINGLE OVEN



DOUBLE OVEN

FITTED BASE AND RANGE UNIT CABINETS

EVEREADY BRIKSAW



**CUT ANY MASONRY
MATERIAL FAST...
...AT LOWEST COST!**



Cutting WET (Dustless) or DRY, Eveready Brik-Saw is the fastest, most efficient Masonry Saw on the market. The simplicity of BrikSaw's design plus the EXCLUSIVE labor-saving features, make BrikSaw the most profitable to operate masonry saw for any job.

EXCLUSIVE FEATURES



"Adjusta-Height" lets cutting head change elevation for materials of varying thickness... adjusts in 4 seconds.

Swing the cutting head to any desired position with this "Toe-Matic" foot treadle. Fast shift from one type of masonry material to another.

One-piece cutting head for immediate, easy portability. Off saw frame in 21 seconds flat!

Automatic pressure control for sure control of the blade. Adjusts cutting pressure to hardness or softness of material.

EVEREADY XTRA-CUT ABRASIVE BLADES



Consistent, uniform quality—the blades you buy next month will give the same peak cutting performance as the blades you buy today. Available in both WET and DRY cutting specifications, to fit every Masonry and Hand Power Saw

YOUR
EVEREADY DEALER CARRIES
THE MOST COMPLETE LINE
OF MASONRY AND CONCRETE
CUTTING EQUIPMENT

EVEREADY TUFFIE REINFORCED BLADES



For Masonry Saws and Hand Power Saws. Virtually unbreakable... recommended for difficult edge cuts... grooving... grinding cuts. Internally reinforced with NYLON "SAFETY-WEB". You can drop it, bend it, twist it.

INCREASE YOUR JOB PROFITS

Increase job profits... lower cutting costs with a PORTABLE Eveready BrikSaw on the job. Cut any shape, any size... all types of Masonry, Stone, and Refractory materials in SECONDS... Always a better, faster job with EVEREADY BRIKSAW.

FREE BOOK

FREE BOOK on Masonry cutting... requested by more than 18,000... will be sent without obligation... or ask your dealer.



EVEREADY POWR-DRIVE CONCRETE SAW



Takes the "Push-Pull" out of Concrete Sawing—drives FORWARD AT CONTROLLED SPEED! "POWR-DRIVE" increases cutting footage with less operator effort—cuts at the lowest possible cost per lineal foot, whether used on small patching or trenching jobs or on continuous, full-scale joint cutting of highways, streets, airport runways.

EVEREADY RED-I-CUT DIAMOND BLADES

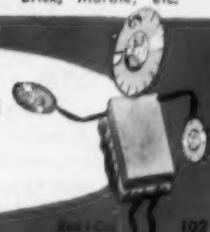


NEW Continuous Rim For Masonry Saws cut two to three times faster than standard abrasive blades when used to cut hard, dense, vitreous materials such as Glazed Tile, Glass Block, Fire Brick, Marble, etc.

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in Most Principal Cities in the United States and Canada

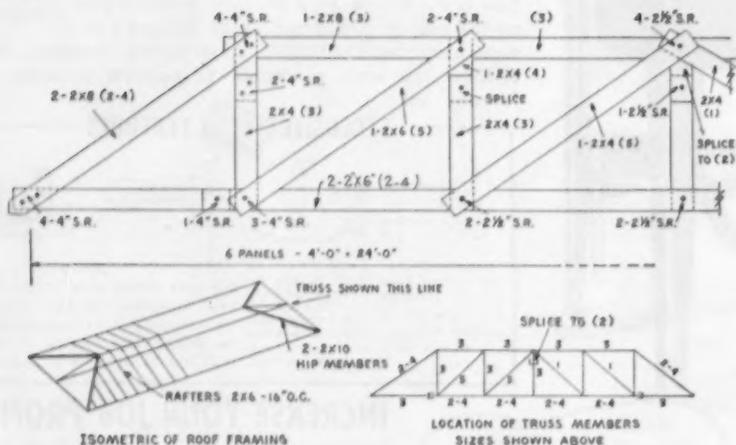
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ask the EXPERTS about

- Planning
- Concrete Work
- Framing
- Roofing
- Heating and Plumbing
- Air Conditioning
- Wiring
- Insulation
- Interior Finish
- Power Equipment



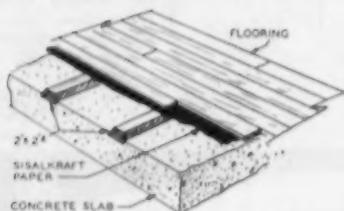
One truss carries framing for a hip roof

I am building a house which will have a hip roof, but I do not want supporting walls beneath. Due to the difficulty of raising a heavy ridge board or beams, and since I will need a support midway of the span to carry the ceiling joists, I have figured on a regular ridge board and beam under this, and then an overlay beam from plate to plate under this. I don't want to build self-supporting rafters. I want a pitch lower

than 4:12. What do you suggest?
D. F., Butte, Nebr.

Use a truss like the one illustrated, running the length of your building. Then frame rafters into it. Use 2 2x10's for hip members. Rafters should be 2x6's placed 16 inches on center. Notice that split-ring connectors (S.R. in drawing) are used in the manufacture of the truss.
Wilbur Tuggle, Structural Engineer

How to apply wood flooring over concrete slab



I plan to nail 2x2 sleepers directly on top of a concrete slab. Over the strips I plan to use hardwood strip flooring. Will I have any trouble with the 2x2's coming loose if I nail

them down with 16-d spikes while the cement is still green?

R. F., Sturgis, Mich.

If the concrete floor has not been poured, use 2x2's that have been beveled on both sides and place them in the concrete after it has had a chance to set. The bottom of the sleepers should be imbedded into the concrete at least 1/2-inch. If this is done, the sleepers will be anchored into place.

If the slab is poured, use one of the anchor guns to shoot anchors

into the concrete to hold the sleepers in place. The use of 16-d spikes driven into the cement while it is still green would also be acceptable.

Before you place the hardwood strip flooring, put a layer of Sisalkraft paper over the wood sleepers. This will seal the underside of the wood floor from penetration of any moisture from the concrete slab.

What to do when ice forms on windows

We have a problem with a house we have built. Windows and glass blocks frost up so badly that ice forms, and eventually water runs down the wall to the floor. It is a one-story house, has a full basement with insulation plus a vapor barrier in the walls. It has lath and plaster on the interior walls and ceilings. Outside walls are 2-ply paper, metal lath and cement stucco. Windows are double-hung, and two picture windows are double-glazed. How can we prevent this moisture?

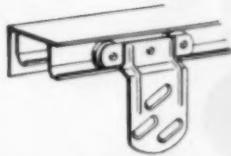
R. R. W., Melville, Sask., Canada

Evidently the house is extremely tight and the moisture from normal sources such as cooking and laundry continues to build up to a point where difficulties occur. Provide some means of ventilation either by opening windows to permit a small amount of outside air to circulate into the house or open the fireplace damper, which usually induces a draft and causes increased change of air. You might have a kitchen ventilator installed. Turn it on whenever excessive moisture occurs.

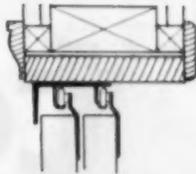
The objective is to reduce the moisture level within through the exchange of air from the outside, which is considerably drier during cold weather than is inside air.

C. E. Lund, University of Minn.

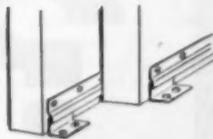
(Continued on page 90)



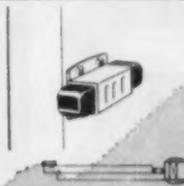
SATIN FINISH ANODIZED
ALUMINUM TRACK WITH APRON
... ADJUSTABLE HANGERS
WITH NYLON ROLLERS



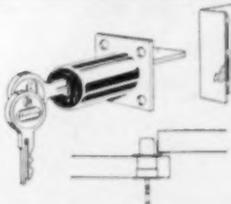
STANDARD DOOR FRAME ...
TRACK APRON SERVES AS TRIM
... ONLY 1" HEADROOM



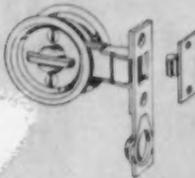
No. 876 GUIDE STRIPS
SAVE TIME, CUT COSTS ...
ELIMINATE GROOVING DOORS



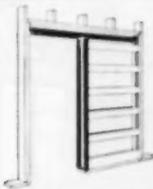
No. 885 DOOR CUSHIONS
PROTECT FINGERS AND
PREVENT SLAM



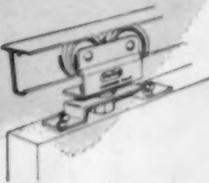
No. 1058 SLIDING DOOR LOCK
FOR BY-PASSING DOORS



No. 1036 SLIDING DOOR LOCK
FOR POCKET DOORS



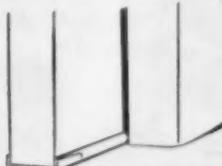
No. 1100 SERIES
POCKET DOOR T-FRAME ...
ALL STEEL ... WARP PROOF



No. 700 SERIES
TRACK AND HANGERS
DESIGNED FOR POCKET DOORS



SLIDING DOOR SET
FOR SIDE ENTRANCE DOOR
IN HOME GARAGES



ALUMINUM GUIDE STRIP
ATTACHES TO BOTTOM OF DOOR
... GUIDES DOOR INTO POCKET

Sterling®

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sliding door
hardware

Through extensive research and engineering, Sterling has pioneered and perfected many new ideas which simplify and improve sliding door installations.

Sterling is the most imitated sliding door hardware.

Pictured on this page are a few of the products recently introduced by Sterling. The new locks for by-passing and pocket doors and the new T-Frame and hardware for pocket doors embody many basically new ideas.

Builders everywhere depend on Sterling Hardware for advanced design and trouble-free operation.

Specify Sterling Hardware for your sliding door installations.



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CHICAGO 18, ILL.

SEE OUR CATALOG IN SWEET'S:
Architectural File • Light Construction File

VISIT OUR DISPLAYS:
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Chicagoland Home Building Center, 130 W. Randolph St.

Sterling means **Quality**

why build to **BURN?**



KEYMESH

GALVANIZED REINFORCING LATH

*with gypsum lath and plaster
multiplies fire resistance of buildings*

Fire safety costs so little.

Actually, walls and ceilings of gypsum lath and plaster, reinforced with Keymesh, cost less than most substitutes. Just see how they *multiply* fire safety.

Take open-web steel joist floors and concrete slabs with gypsum ceilings, for example. With $\frac{1}{2}$ inch of lightweight aggregate plaster, reinforced with Keymesh-like lath, a fire endurance limit of 3 hours and 28 minutes was obtained.*

Without reinforcement, the limit was 55 minutes. *Keymesh* adds 2 hours and 33 minutes to the fire endurance limit because it holds the plaster in place. When lath and plaster were omitted,

the fire endurance limit was only 7 minutes.

You'll find equally important protection when simple columns and beams of buildings are protected in this same way. It's so good that insurance companies cut their rates because of the greater fire safety. Actually, these lower rates quickly pay the cost of the lath and plaster.

Think of it. Greater fire safety. Acoustical properties, if you wish. Durability. Low maintenance. Beauty. Takes any decoration. Yet... this fire safe construction costs less than most substitutes. And it can slash insurance rates enough to quickly pay for the plastering.

*Actual Fire Test Shows Amazing Value of Keymesh-Type Plaster Reinforcement**

Ceiling of gypsum lath — KEYMESH-type reinforcement and $\frac{1}{2}$ " gypsum plaster with lightweight aggregate

Fire endurance limit

3 hrs. 28 min.

Ceiling of gypsum lath and $\frac{1}{2}$ " lightweight aggregate gypsum plaster

55 min.

Ceiling unprotected

7 min.

*See Building Materials and Structures Report 141, National Bureau of Standards: "Fire Endurance of Open-Web Steel-Joist Floors with Concrete Slabs and Gypsum Ceilings"

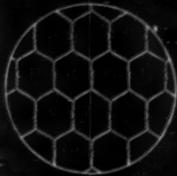
KEYSTONE STEEL & WIRE COMPANY

PEORIA 7, ILLINOIS

makers of Keymesh • Keybead • Keycorner • Keystone Welded Wire Fabric
Keystone Nails • Tie Wire • Keystone Non-Climbable and Ornamental Fence

Use these three keys to stronger plaster

3 KEYS TO STRONGER PLASTER



KEYMESH lath for over-all reinforcement. Made of galvanized woven wire. Especially recommended for ceiling construction.



KEYCORNER strip lath, pre-formed to fit snugly in corners. Lies flat when applied to joints. Galvanized to prevent rust streaks.



KEYBEAD corner lath for outside corners. Open mesh fills solid with plaster. Galvanized nose, or solid zinc nose (Key Z Bead).





**kitchens
look
larger**

HAVE MORE
WORKING SPACE
— SEAT MORE DINERS
and cost less
WITH BIANCO

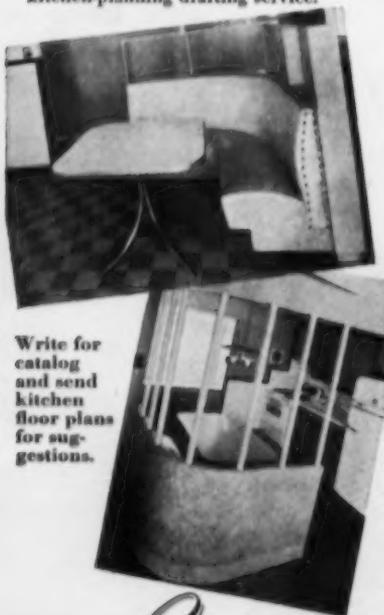
Kitchen Hostess

READY BUILT
NOOKS

OPEN FLOOR PLANNING

The trend is to open floor planning and Bianco Kitchen Hostess Nooks spark the trend with style, comfort, utility, economy and "buy" appeal. Many of America's foremost architects and builders now incorporate Bianco Ready Built Nooks into the Nation's most popular homes. Adaptable to interesting architectural details. Investigate.

Many styles and sizes to meet all floor plans. Hardwood frames. No-sag springs. Custom upholstered in heavy vinyl plastic (your choice of colors and designs) over rubberized hair. Free kitchen-planning drafting service.



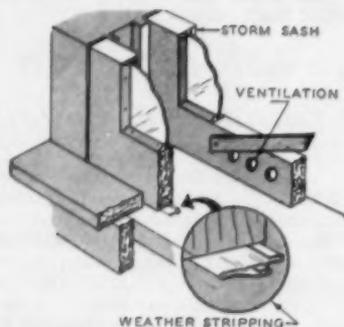
Write for catalog and send kitchen floor plans for suggestions.

Bianco
Representatives
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2734 VICTOR STREET • ST. LOUIS 4, MO.
OTHER FACTORIES IN FORT WORTH AND BALTIMORE

ask the EXPERTS

(Continued from Page 86)

What to do with storm windows that steam up



I have weather-sealed combination storm and screen windows on my frame house. Moisture condenses on the inside surface of the storm window. What is the cause, and how can the problem be corrected?

R. H., White Cloud, Mich.

The reason for the excessive moisture on the inside of your storm windows is that vapor, in the form of moisture, is passing freely through the inside sash; because of the tightness of the combination storm windows, the moisture is trapped there.

One method of relieving this situation is to provide good weather stripping around the inside sash to reduce the amount of vapor which will escape to the outside. Another method is to provide a ventilating opening in the storm sash to allow a small amount of circulation of air. It may be necessary both to weather-strip and to provide a vent to overcome the difficulty.

C. E. Lund, University of Minn.

Rule of thumb for acoustical treatment

How can I stop an echo or hollow sound heard when speaking in a room which is 92x41 feet and has a 12-foot ceiling? The walls and ceiling are made of concrete and have been painted with an oil paint. The ceiling is equipped with steel beams that are set in concrete and protrude down 12 inches and are about 14 feet on centers.

G. W. B., Spring City, Pa.

Apply acoustical tile to the ceiling. With normal ceiling height, the reverberation time can generally be reduced to an optimum if the ceiling is treated to produce the noise reduction coefficients listed in the table below. In general, it is preferable to treat the entire ceiling (less beams) with material of a low noise reduction coefficient.

Normally, ceiling beams need not be treated in view of the fact that they constitute a relatively small area and their treatment, although costly, would result in an insignificant gain.

The following is a rule-of-thumb answer to the question of what noise coefficients to use, assuming that at least 90 per cent of the ceiling area is to be treated.

	Noise Reduction Coefficient
1. Homes, apartments or clubs: Living, dining rooms, bedrooms (normal ceiling height)	.40 to .50
Kitchens, bathrooms, recreation rooms (normal ceiling height)	.60 to .70
2. Business offices: Desks, sparsely spaced, no noisy machines, (ceiling height 10 to 14 feet)	.60 to .70
Desks, densely spaced, no noisy machines, (ceiling height 10 to 14 feet)	.70 to .80
Noisy machines, (ceiling height not over 12 feet)	.75 to .85
3. Restaurants, cafeterias, bars	.65 to .75

Most of the acoustical materials now on the market will reduce the reflected noise sufficient to meet these requirements. Each manufacturer generally furnishes information concerning the noise reduction coefficient of his material.

Acoustical tile 1/2-inch to 1 3/16-inch thick, cemented to the concrete ceiling, will give a noise reduction coefficient of .40 to .65. For greater noise reduction, it will be necessary to suspend the tile with an air space between the tile and the ceiling.

Small Homes Council
University of Illinois

(Continued on page 92)



on the
boards..
or on
the job..
McKee is

America's Quality Overdoor!

No one knows or appreciates good functional design in a product more than the architect. It's the reason McKee Overdoors have attained almost universal acceptance among the nation's architects. All the rudiments of good functional design and construction are embodied in McKee Overdoors. Architects not only specify them for their client's installations but for their own homes as well.



RESIDENTIAL

McKee Residential Overdoors are available in a wide range of styles and sizes for manual operation or equipped with "Electronic Serviceman" operator. Special decorative carved raised panels available for added beauty.

INDUSTRIAL

Salient features of McKee Industrial Overdoors include: custom made, heavy duty hardware and wood door sections to provide years of trouble-free operation. Overdoor design takes no floor space and quick opening and closing feature speeds flow of materials in and out of factory.



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McKee Service Station Overdoors have become standard with many major oil companies. Combined appearance, wide choice of design, trouble-free operation and sturdy construction makes them ideal for service station installations.



Only McKee offers
adjustable
"TWIN ROLLERS"

Twin ball-bearing (or nylon) rollers (McKee "TWIN ROLLERS")—an exclusive McKee feature—assures an unusually even distribution of weight during movement of the door through the curved track.



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EVERY CARTON OF

Weatherbest
PRYME-SHAKES

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This new label extends to shakes the same guarantee of quality inspection and grade certification by the Red Cedar Shingle Bureau as the respected CERTIGRADE label for red cedar shingles. Weatherbest is proud that its Pryme-Shakes qualify under the rigid CERTIGROOVE grading rules.

What does this label mean to you?

IT IS YOUR GUARANTEE THAT:

The shakes are produced only from No. 1 Grade Certigroove shingles —

(No. 1 Grade Certigroove shingles are strictly edge-grain and all heartwood, assuring a maximum of stability and an extremely long life.)

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No wonder masonry water repellents containing silicones have become the standard in the industry! They offer *lasting* protection against the Water Menace because they're *erosion resistant*! They provide "defense in depth"—penetrate masonry pores deeply to keep water out—yet permit masonry to "breathe"!

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Ask your water repellent supplier about a treatment based on G-E DRI-FILM silicones! For the names of suppliers using DRI-FILM in their products, just write to General Electric Company, Section 155-2B, Waterford, New York. (IN CANADA, write to Canadian General Electric Company, Ltd., Toronto.)

**Sales by suppliers have jumped—almost one million dollars each year since 1950!*

Paint and Chemical Manufacturers!

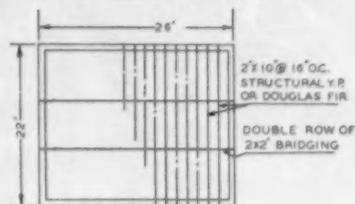
DRI-FILM silicones offer you a profitable opportunity to add a superior masonry water repellent to your product line. Ask us about DRI-FILM 103, a new G-E silicone with important manufacturing advantages!

G-E silicones fit in your future

GENERAL  ELECTRIC

ask the EXPERTS

(Continued from page 90)



Framing a flat roof

I plan to build a garage 22 feet wide and 26 feet long and having a flat roof. I plan to use 24-foot long 2x10's spaced 16 inches on center. Because I do not want any center posts, I am planning on using No. 1 grade 2x10's and will put two rows of 2x2 bridging down the length of the garage. The roof will be 1x6 t&g white pine sheathing and built-up roofing. Is this roof structurally sound or will the 2x10's sag?

R. J., Niagara Falls, N. Y.

Your thinking is sound. Use 2x10's for joists at 16 inches on center. Use structural No. 1 yellow pine or Douglas fir. Use as sheathing 1-inch t&g. Built up roof is all right. Do not put finish on the ceiling. Place 2x2-inch double bridging in two rows about 7 feet apart. Wilbur Tuggle, Structural Engineer

Flat roof, no joists

I am planning to build a wood frame cottage 28x12 feet. I want to use a flat roof with the roof extending 2 feet beyond the sides. Is it possible to use some sort of a heavy tongue and groove planking that would eliminate the necessity for bracing on the inside? How thick would the planking have to be?

A. L. P., Waupun, Wis.

A timber deck 4 inches thick that will span up to 18 feet will serve your purpose. At the span of 12 feet, it will carry a uniform load of 70 pounds per square foot, will allow for a 2-foot overhang on two sides. This product is tongued and grooved, eliminates the need for joists, purlins, sheathing or insulation. Such a roof construction requires the application of a built-up roof.

In your area, Unit Structures, Incorporated, Peshtigo, Wisconsin, manufacture a timber deck such as that described above.

K. Roderick O'Neal & Association

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That's because mechanically circulated water is the most effective and versatile medium for both heating and cooling. It provides radiant heating—uniform, draftless warmth...plus the convenience of an all year 'round supply of hot water for kitchen, laundry and bath. Snow melting and summer cooling equipment can be included when the heating system is installed or at any time later.

Owners can be assured of low heating costs, because the B & G Hydro-Flo System closely adjusts fuel consumption to weather conditions. No wasteful overheating, even in spring and fall when little heat is needed.



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An ever-ready, ample supply, heated by the same boiler that heats the house—no separate heater needed.



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Snow can be melted as fast as it falls, by means of pipe coils installed under sidewalks and circulated with hot water from a B & G Hydro-Flo System.

⁹Reg. U.S. Pat. Off.



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Kitchens



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This double-bowl beauty of Republic's Enduro Stainless Steel is only pocket-change away from the price of porcelain. It gives a custom appearance; harmonizes with the trend toward stainless steel.



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Republic pioneers with these two models that handle nearly every brand of electric or gas built-in oven . . . and Republic is working closely with the industry to bring about better design and installation.



Cabinets for On-A-Top Range or Stack-On Oven

Cabinet unit is 28" high and when used with a surface range meets the 36" finished height of Republic counter-top surfaces. This cabinet can also be ideally used as an anchor cabinet for a 30" high counter.



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Three practical sizes, 24", 30" and 36" wide; end panel available. Builders also find economy in using Republic undersink cabinets for built-in surface ranges. Range hoods, ventilator cabinets available.

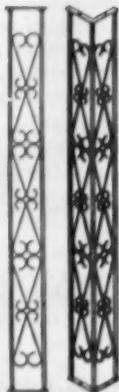
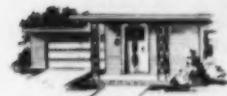


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Outer frame: $\frac{1}{4}$ " x $\frac{1}{4}$ " bar.

Scrolls: $\frac{1}{4}$ " x $\frac{1}{2}$ " solid stock.

Length: Single panels: 8'. Corner panels — 8'.

Width: Single panels: 8 $\frac{1}{2}$ ". Corner panels: 8 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ ".



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A new and effective doorway trim that is simplicity itself to install. FawSCO shutters for windows or doorways come with baked on enamel finish in green, red, blue or white, also in prime coat green or natural aluminum.

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14" x 39 $\frac{1}{2}$ "	14" x 59 $\frac{1}{2}$ "	17" x 63 $\frac{1}{2}$ "
14" x 43 $\frac{1}{2}$ "	14" x 63 $\frac{1}{2}$ "	17" x 67 $\frac{1}{2}$ "
14" x 47 $\frac{1}{2}$ "	17" x 51 $\frac{1}{2}$ "	17" x 79 $\frac{1}{2}$ "
14" x 51 $\frac{1}{2}$ "	17" x 55 $\frac{1}{2}$ "	20" x 55 $\frac{1}{2}$ "
14" x 55 $\frac{1}{2}$ "	17" x 59 $\frac{1}{2}$ "	20" x 59 $\frac{1}{2}$ "

Additional lengths available in 14", 17" and 20" widths only.



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Available in a selection of styles and prices. All heavy-duty welded construction for added rigidity. Fasten with lag screw to concrete, brick or wood. Finished in prime coat black. Standard sizes carried in stock, custom porch and stair railings quoted on request. On style shown, top and bottom rails $\frac{1}{2}$ " x 1 $\frac{1}{4}$ ", spindles $\frac{1}{2}$ " square. Standard heights, 30", widths 30" to 48".



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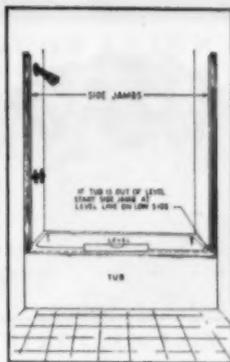
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How-to-do-it-better

Ideas for the man on the job



Holes are drilled in ceramic tile wall with an electric drill making 450 r.p.m. with a carboly-tipped bit



The right way to anchor tub enclosures

When installing glass and aluminum recessed wall-to-wall bathtub enclosures, vertical jamb members can be rigidly secured in masonry or frame construction by following these practices recommended for various wall conditions.

(1) Where dry walls are over frame or furred-out masonry, drill holes where required and insert toggle or Molly bolts into these holes to hold the screws for the jambs. For ceramic tile or marble walls, drill holes and drive lead screw plugs into these holes to take the screws that hold the jambs.

(2) Wall materials (other than ceramic tile or marble) over plaster applied to frame or furred-out masonry walls do not require lead screw anchors for the jambs. Three screws are used for holding each jamb, along with adhesive mastic applied to the backside of the jamb when it is finally secured in its proper place. No holes are drilled in the tub. The only cutting required is the trimming of the bottom and top rails, done with a hack saw.

(3) When framing out for a recessed tub to receive enclosures, locate a double stud the wide way at right angles to the edge of the tub. For furred-out masonry walls, use a 1x4 to provide solid anchoring for the jambs.

(Continued on page 100)



Final check is made on sliding doors. Top rail member holds doors and is supported by the two jamb members

Courtesy, Shower Enclosures, Inc.

FIR PANEL DOORS

for 1955

Style for today—in beauty that lasts

Fir panel doors with their beautiful proportions, dramatic shadow accents and picture frame moldings are a perfect medium in the contemporary demand for color and texture. They're equally graceful in settings of traditional conservatism and the frank warmth of modern architecture.

Doors made like fine furniture

Fir panel doors *have to be* carefully made—because there is no hidden construction. Every beautifully fitted joint, every framing member is exposed to view. Every stage of construction—much of it by hand—must be flawless. Dowels and glue, frame and panels are permanently welded together by presses, make a strong, rigid unit that won't come apart, won't warp or "fall down."

Dependability—and cost—that make friends

The tradition of skilled craftsmen using only select, straight-grain, old growth Douglas fir heartwood to make fir panel doors has built a reputation for dependability . . . a reputation that carries over to the builder who uses them. Only the most critically inspected doors carry the **FID** hallmark—your guarantee that the door meets rigid industry and U.S. Commercial Standards. Cost? Still dollars less than most good quality doors on the market.

Wide selection for any house door needs

The fir door catalog lists 68 interior, entrance, garage and specialty doors. To build your reputation for quality—specify **FID** hallmarked fir panel doors, inside, outside.

FREE DOOR DECORATOR GUIDE

45 combinations show how to make exciting decorator pieces with fir panel doors and House & Garden's 1955 colors.

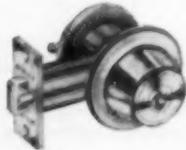
SEE YOUR DEALER OR WRITE FIR DOOR INSTITUTE, TACOMA 2, WASH.



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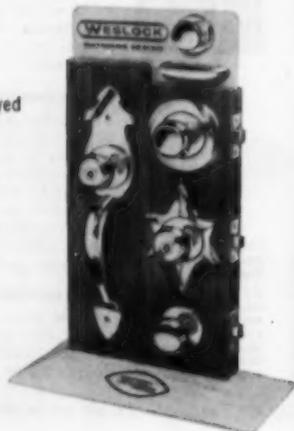
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Matching Beauty

 <p>No. 530 Entry Lock Set with Spring Latch. No. 532 Same as No. 530 but with Fixed Outer Knob.</p>	 <p>No. 540 Entry Lock Set with Dead Locking Spring Latch. No. 542 Same as No. 540 but with Fixed Outer Knob.</p>	 <p>No. 500 Passage or Interior Latch Set.</p>	 <p>No. 510 Privacy Lock Set.</p>
 <p>No. 515 Exterior or Patio Keyless Lock Set with Spring Latch. No. 520 Same as No. 515 with Dead Locking Spring Latch.</p>	 <p>No. 590 Closet Door Latch Set.</p>	 <p>No. 505 Dummy Knob</p>	 <p>No. 545 Cylinder Lock Dead Latch, with 'Hold Back.'</p>
 <p>No. 553 Cabinet Knob 2 1/2" diameter. No. 565 Cabinet Backplate 3 1/2" diameter.</p>	 <p>No. 552 Cabinet Knob 2" diameter. No. 553 Cabinet Backplate 2 1/2" diameter.</p>	 <p>No. 551 Cabinet Knob 1 1/2" diameter. No. 562 Cabinet Backplate 2" diameter.</p>	 <p>No. 555 Cabinet Pull, 3" center to center.</p>

SALES STIMULATING DISPLAY

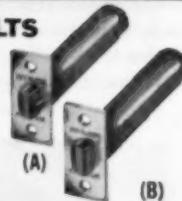
No. 76-C Demonstrator Mount Displays Weslocks with Matching Cabinet Hardware. Displayed are: No. 551 Concave Cabinet Knob w/562 Concave Cabinet Backplate, No. 555 Concave Cabinet Pull, No. 510 Bathroom Set w/"Beverly" Concave Escutcheon, No. 540 Entry Lockset w/"Star" Escutcheon, No. 500 Passage Set, No. 530 Entry Lockset w/"Monterey" Door Handle.



5" BACKSET LATCH BOLTS

One-piece construction, no links necessary. May be obtained separately or packed with locksets.

- (A) No. 4438 Deadlocking Spring Latch.
- (B) No. 4437 Spring Latch.



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All WESLOCK units now available with 1/4" RADIUS ROUND CORNER LATCH FACE and 1/4" RADIUS ROUND CORNER STRIKE PLATE. This feature makes it possible to install units in less time with the use of 1/2" power routers.



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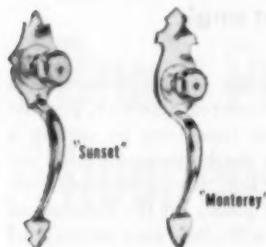
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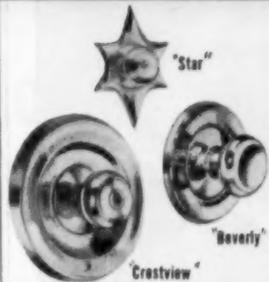
"Sunset" Solid Cast Handle.

"Monterey" Solid Cast Handle.

"Star" Solid Cast Outside Escutcheon.

"Beverly" Solid Stamped Concave Outside Escutcheon, 3 3/4" diameter.

"Crestview" Solid Stamped Concave Outside Escutcheon for use with 5" Backset, 5 1/2" diameter.



No. 4400 Keying Kit
Furnished with complete keying instruction.

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B100 A heavy-duty 1 1/16" Bit to fit any standard brace.

B102 1/4" Power Tool Boring Bit for fast installation.

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No. 578 With inside safety plate. For Patio and Exterior Doors.

No. 579 For Connecting Rooms.

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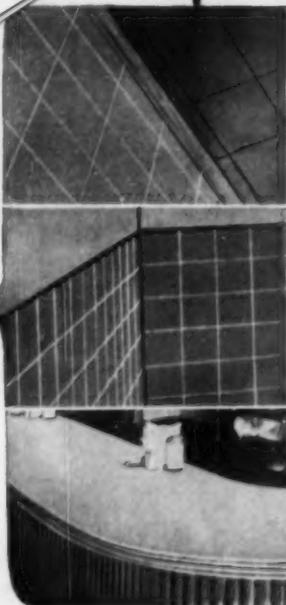


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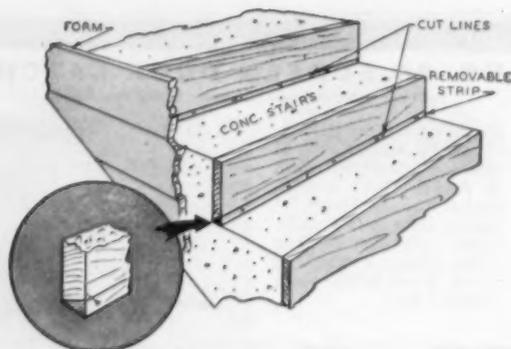
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Ideas for the man on the job

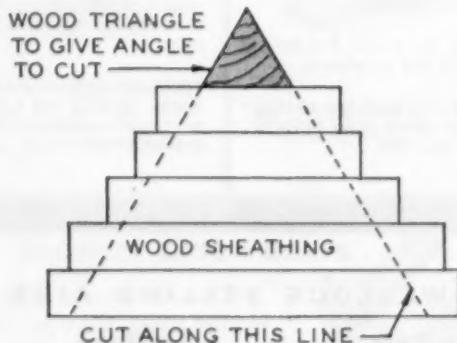
(Continued from page 97)



How to get sharp right angle in riser-tread

To obtain a clean right-angle corner between the treads and risers in a poured concrete stairway, provide a straight horizontal guide for trowelling by cutting a 45-degree triangle strip from the bottom of each riser form. Cut each of these strips into three pieces and tack them back in their respective places on the bottoms of the vertical riser forms. This will allow easy removal of these strips without having the concrete bulge, and it will be possible to get the edge of the trowel to the bottom of the riser when finishing the treads.

J. M. Tillett, Knoxville, Tenn.



Precut sheathing for gable on ground

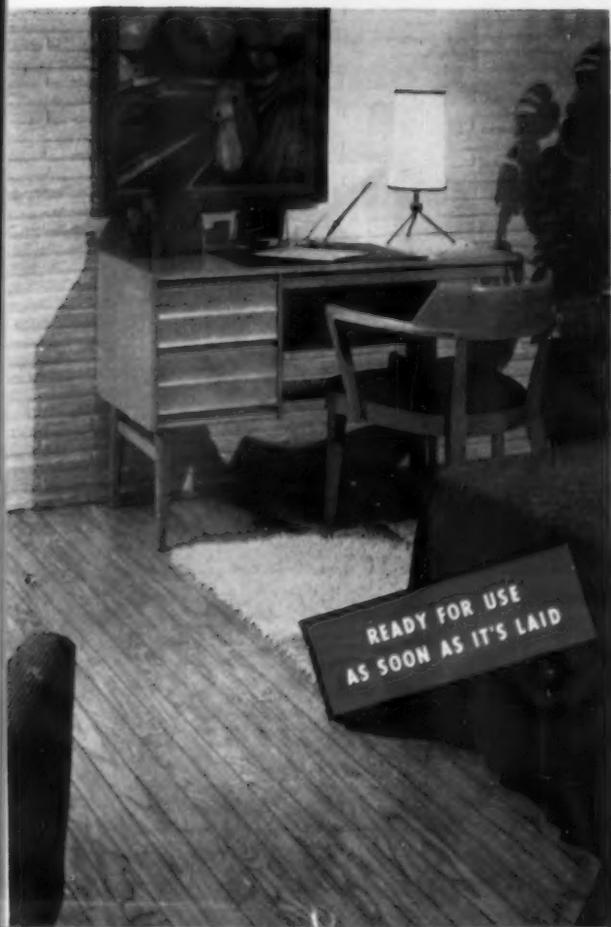
In many cases wood sheathing must be placed and nailed in a closed-up gable end, and it is impossible to let the sheathing ends run wild. Lay out the sheathing on several members supported by saw horses, and with a triangle of wood based on the roof pitch, determine the scribe marks for trimming with a power hand saw. If there are two or more gable ends that are the same, the first angle cut will serve as a finished cut on one end of some of the smaller pieces by reversing the pieces sideways.

R. H. Reed, Lynwood, Calif.

(Continued on page 103)



Bruce Prefinished Flooring cuts hardwood floor costs as much as \$100 per house



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Sanding and finishing on the job are completely eliminated with Bruce *Prefinished* Flooring. Builders everywhere say this saves them 3 to 5 days in getting homes ready for the market. It also cuts floor costs because factory-finishing costs less than on-the-job finishing.

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BUILDING SUPPLIES CORP.
1900 Monticello Ave., Norfolk

CENTRAL GLASS CO. of VIRGINIA, INC.
Commonwealth & Sycamore, Bristol

WASHINGTON
BRADFORD GLASS CO.
2801 Bismarck St., Seattle

EMPIRE GLASS CO.
E. 28 Democrat Ave., Spokane

WISCONSIN
ROBERT ARNOLD CO. (Milwaukee)
Route 2, Box 210, Salem

How-to-do-it-better

Ideas for the man on the job

(Continued from page 100)



Power digger meets tight daily schedule

To meet the schedule of completing 30 houses daily at Levittown, Pennsylvania, Morrell Construction Corporation of Tellytown, Pennsylvania, uses two Sherman Power Diggers mounted on tractors for excavating holes 3½ feet wide by 6 feet long by 5½ feet deep for 275-gallon fuel oil tanks. The fuel tanks are put in place and back-filled after the water and sewer lines are in and after the concrete house foundation has been poured.

Tanks are installed without the standpipes. When the house is completed, a Ford tractor with a post hole digger augers a hole down to the top of the tank, and the standpipes are installed after all other machinery and equipment has been removed from the site to prevent costly replacements.



Use water hose to trench under walk or driveway

To facilitate laying of pipes under concrete sidewalks and driveways, dig a trench tapered toward one side of the obstruction with a small excavation close to the trench to catch dirt coming out from under the concrete. Also, make a small excavation on the opposite side.

Then, take a length of pipe with a plug in one end and wire a water hose with nozzle to the end of this pipe, about 2 to 4 inches back to protect the nozzle. With nozzle on the underside, turn on the water full force and ram the pipe against the dirt where you want to channel under obstruction.

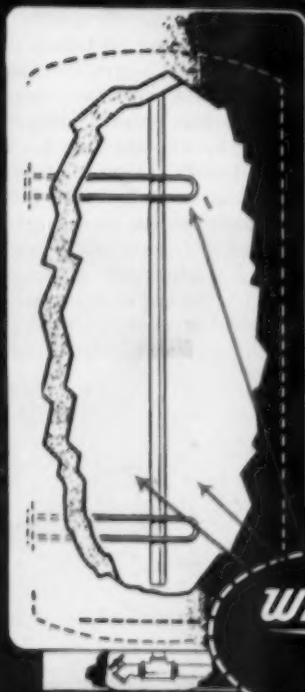
The stream of water does most of the work because the ramming merely guides it along. The result is a much smaller channel than undermining with bar and shovel. Sometimes it is not even necessary to tamp the dirt back after installing the pipe.

Werner Kraatz, Santa Cruz, Calif.

(Continued on page 104)

The Inside story

OF FASTER SALES!



White Glass

LINING

IN

WHITE *water heaters*

Automatic Water Heaters—Electric or Gas

White-Glass lining is only one of the 15 sales-clinching features White gives you—features your prospects can easily grasp. They understand—then want—then buy because they know White gives them exactly what they need. For the complete Proved Profit Story, pointing out your "road to riches", write TODAY!

WHITE PRODUCTS CORPORATION

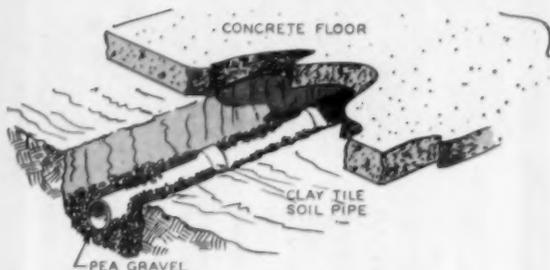
Water Heating Specialists Since 1930 Middleville, Michigan

DIVISION OF LAMB INDUSTRIES, INC.

How-to-do-it-better

Ideas for the man on the job

(Continued from page 103)

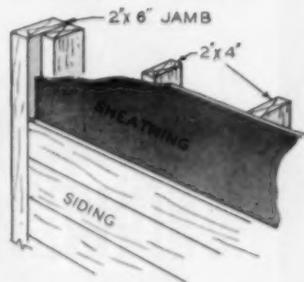


Fill in around soil pipes with pea gravel

When laying clay tile soil drain pipes in trenches in basements, use pea gravel for bedding to obtain proper pitch for drainage. Also, fill in balance of trench around drain tile and maintain at least a 4-inch bed of the same gravel to receive the poured concrete floor.

Since the soil drains pitch toward the outside sewer lines, water accumulating under the basement floor will take the path of least resistance and drain through the gravel away from the house. Pea gravel will pack immediately around the soil drain lines, eliminating any possibility of floor cracks following the soil pipes due to soil fill settling.

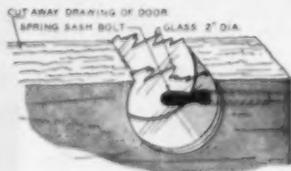
Use 2 x 6's for finished garage door jamb



Selected 2x6's can be used as finished jambs for garage door openings by nailing them to the 2x4's in the rough opening. The inside of the 2x6 is kept flush with the 2x4 on the inside and projects outside just enough to accommodate the sheathing and siding. No further exterior trim is required.

K. G. MacLean, Osceola, Pa.

Emergency exit made from stock door



If you have occasion to install an emergency door, say in an interior wall between two apartments, use a common two-panel door. Bore a two-inch hole through the stile, fit a 2¼-inch diameter glass on each side, then putty. Install a spring-pin sash fastener in the edge of the door to insure privacy with security. The surface of the glass can be painted on both sides of the door and lettered, "In case of emergency, break glass."

M. H. Cox, South Berwick, Me.



This bathroom built by J. G. Lehman and Asso., Cincinnati, O.
Formica fabricated by Muellers Cabinet Shop.

Put Your Bathrooms to Work!

Builders who use Formica and a little imagination in their bathrooms find it pays off in the sales department. Few home buyers are willing to settle today for a bathroom that "just sits there." They want color—they want easy cleaning—they want permanent materials—and most of all they want beauty coupled with utility.

You can put all of these things in your bathrooms with a Formica Vanity.[®] Why not set up a permanent working arrangement with a Formica fabricator near you? Look in your classified phone book under "plastic." For bathroom and kitchen ideas write:

DEMAND THIS CERTIFICATION

This mark certifies genuine
REMOVE WITH SOAP AND WATER

*Seeing is believing. If this wash-off identification
is not on the surface, it's not FORMICA.*

Guaranteed by
Good Housekeeping
as not to advertise itself

Beauty Bonded
FORMICA
The U.S. Pat. Co.

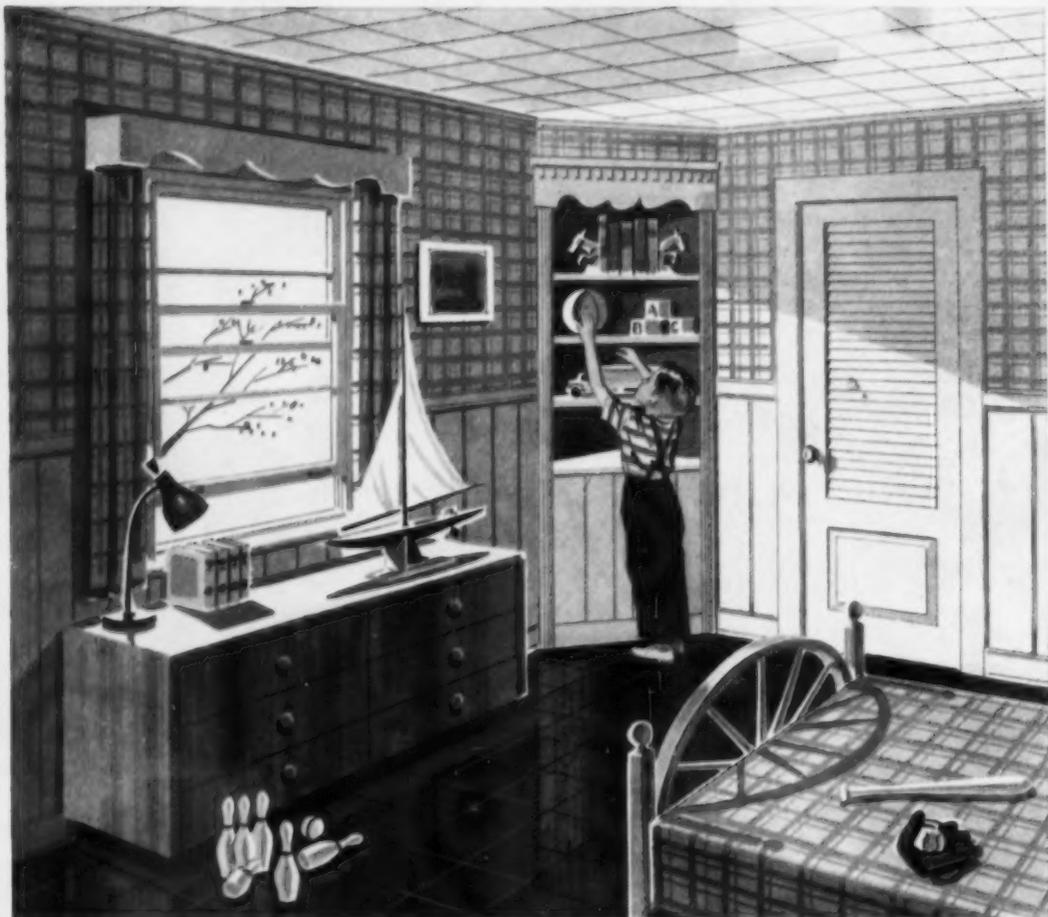
Pays in Performance

F O R M I C A

4514 Spring Grove Ave., Cincinnati 32, Ohio

In Canada Arnold Banfield & Co. Ltd., Oakville, Ontario

As advertised in The Saturday Evening Post



Child's room with a difference...created by Ponderosa Pine

This is a *different* child's room. It contains no "gadgets" or "cute" decorative features—yet it breathes the very spirit of friendliness and comfort. Much of this effect is created by Ponderosa Pine stock design windows, doors and cabinets—

available in wide variety to suit every taste. Home owners today are finding that these beautiful wood products make it possible to have rooms of distinctive individuality and lasting value at moderate cost. See your lumber dealer soon!

These are members of and contributors to Ponderosa Pine Woodwork

WOODWORK: Anderson Corporation • Anon & Gilkey Co. • Wm. Cameron & Co. • Carr, Adams & Collier Co. • Cole Manufacturing Co. • Continental Sycamore Co. • Curtis Companies Incorporated • Farley & Lutzner Mfg. Co. • Great Lakes Millwork Corp. • Grinnell Sash & Door Co. • The Haskins Brothers Co. • Hurd Millwork Corp. • Huttig Manufacturing Co. • Ideal Co. • The Long-Bell Lumber Co. • The Mally Manufacturing Co. • Missoula White Pine Sash Co. • Morgan Co. • Northern Sash & Door Co. • Philadelphia Sycamore Mfg. Co. • Rauch & Musser Co. • Rock Island Millwork Co. • Rockwell of Randolph, Inc. • Sealing-Manke Co. • The Silvers Co. • Vaughn Millwork Co. • The Wabash Sycamore Door Co. • White Pine Sash Co. • LUMBER: Alexander-Stewart Lumber Co. • Anaconda Copper Mining Company • Associated



Lumber & Box Company • Blugen Lumber Company • Brooks-Scanlon, Inc. • Cascade Lumber Company • Collins Pine Company • Crane Mills • Crawford Lumber Company • Gibraltar Lumber Company • Hayfork Lumber Company • Edward Hines Lumber Co. • Industrial Wholesale Lumber Co. • Long Lake Lumber Co. • McCleod Lumber Co. • Michigan-California Lumber Co. • J. Neils Lumber Co. • Oshosa Lumber Co. • Oregon Lumber Co. • Peshastin Lumber & Box, Inc. • Pickering Lumber Corporation • Sater Forest Products • Ralph L. Smith Lumber Co. • Tarter, Webster & Johnson, Inc. • Weyerhaeuser Sales Co. • Winton Lumber Co. • ASSOCIATE MEMBERS: The Casement Hardware Co. • Chapman Chemical Co. • The Dorris Lumber & Moulding Co. • March Metal Weatherstrip Corp. • Protection Products Mfg. Co. • Wood Treating Chemicals Co.

• AND WESTERN PINE ASSOCIATION



Finding out what makes them buy homes is another job for Ponderosa Pine Woodwork

More babies per family is a rapidly growing trend. For instance, last year, more than 4,000,000 new babies were born.

The child's bedroom illustrated at the left shows how Ponderosa Pine is capitalizing on this fact—in the interest of builders. Here is a room with more storage space—more convenience—plus the beauty and quality of Ponderosa Pine windows, doors and cabinets. It is the kind of room that marks the quality house—the kind of house you can sell at greater profit.



These are members of and contributors to Ponderosa Pine Woodwork

WOODWORK: Andersen Corporation • Anson & Gilkey Company • Wm. Cameron & Co. • Carr, Adams & Collier Company • Cole Manufacturing Co. • Continental Screen Company • Curtis Companies Incorporated • Farley & Loetscher Mfg. Co. • Great Lakes Millwork Corp. • Grinnell Sash & Door Co. • The Hatchiss Brothers Co. • Hurd Millwork Corp. • Huttig Manufacturing Co. • Ideal Co. • The Long-Bell Lumber Company • The Malta Manufacturing Co. • Missoula White Pine Sash Co. • Morgan Company • Northern Sash & Door Company • Philadelphia Screen Mfg. Co. • Roach & Musser Company • Rock Island Millwork Company • Rockwell of Randolph, Inc. • Semling-Menke Company • The Silcrest Co. • Vaughn Millwork Company • The Wabash Screen Door Company • White Pine Sash Co. • **LUMBER:** Alexander-Stewart Lumber Co. • Anaconda Copper Mining Company • Associated Lumber & Box Company • Blagen Lumber Company • Brooks-Scanlon, Inc. • Cascade Lumber Company • Collins Pine Company • Crane Mills • Crawford Lumber Company • Gilchrist Timber Company • Hayfork Lumber Company • Edward Hines Lumber Co. • Industrial Wholesale Lumber Co. • Long Lake Lumber Company • McCloud Lumber Company • Michigan-California Lumber Co. • J. Neils Lumber Company • Ochoco Lumber Company • Oregon Lumber Company • Peshastin Lumber & Box, Inc. • Pickering Lumber Corp. • Setzer Forest Products • Ralph L. Smith Lumber Co. • Tarter, Webster & Johnson, Inc. • Weyerhaeuser Sales Company • Winton Lumber Company • **ASSOCIATE MEMBERS:** The Casement Hardware Co. • Chapman Chemical Co. • The Dorris Lumber & Moulding Co. • Monarch Metal Weatherstrip Corp. • Protection Products Manufacturing Co. • Wood Treating Chemicals Co. • and **WESTERN PINE ASSOCIATION**

◀ Ponderosa Pine advertisements like this are reaching an audience of more than 20,000,000 in The Saturday Evening Post—helping you to sell quality by appealing to the homeowner's basic buying motives.

Certain partnerships may elect to be taxed as corporations

By **John F. McCarthy**

Attorney at Law

Section 1361 of the Revenue Code provides that certain sole proprietorships or partnerships owning unincorporated business enterprises may elect not later than sixty days after the close of any taxable year, to be taxed as corporations for that year and for subsequent years. A material income-producing factor of the business enterprise must be capital, or, fifty per cent or more of the gross income of the business enterprise must arise from gains or profits from trading as a principal, or from buying or selling for others, real property, commodities, stock or securities.

This will include, among those with the right to elect, enterprises in the real estate, building or construction fields. It will exclude those engaged in rendering professional services, such as architecture, engineering, accountancy and law. An election once made is irrevocable, unless the electing proprietor or partners come to have an interest of eighty per cent or less in the capital or profits of the business. In that event, a new election must be made in order to continue the right or privilege of the enterprise to be taxed as a corporation.

The business enterprise for which such an election may be made must be owned by an individual or by a partnership consisting of not more than fifty members. No proprietor or partner having more than a ten per cent interest in the capital or profits of such an enterprise may be a proprietor or partner with more than a ten per cent interest in another unincorporated business taxable as a corporation. Each owner of an interest is considered as a shareholder of a corporation to the extent of his ownership.

This is the seventh and last of a series of articles considering certain sections of the Federal Internal Revenue Code of 1954.

Changing the fiscal year

Another provision continued by the new Code is one permitting a partnership to change its fiscal or taxable year. This will result in different computations of income and expenses which may produce definite tax advantages. However, under Section 706 of the new Code, a partnership may not adopt a taxable year other than that of all of its principal partners, and vice-versa, a partner may not change to a taxable year other than that of a partnership of which he is a principal member, unless a legitimate business purpose therefor is established to the satisfaction of the Department. A principal partner is defined as one having an interest of five per cent or more in partnership capital or profits.

Non-taxable assets-for-stock

Under certain conditions, where two or more persons formed a corporation and transferred certain assets to the corporation in return for its stock, the transaction was not regarded as taxable. This continues to be true, under Section 351 of the new Code, even if the property transferred by one party is substantially less in value than the stock received by him, provided that the persons who transferred the assets are in control of the corporation. In this connection, two words of caution are necessary. First, Section 351 is not applicable where the exchange is of services for stock. Second, while the fact that the property transferred is not in proportion to the stock received will not result in a tax against the entire transaction and all persons involved, it may result in a tax against the

person receiving the excess, as for compensation for services or a gift.

Taxable distribution of assets

If a corporation completely liquidates and distributes all of its remaining assets among its shareholders, the transfer to shareholders is subjected to treatment for tax purposes as a capital gain and not ordinary income. If, however, the corporation makes only a partial distribution of assets, numerous problems arise because this may be regarded as a dividend taxable at ordinary rates rather than a partial liquidation treated as a capital gain. In this connection, in one situation, the new Code is helpful. Section 346 (b) provides that a partial distribution shall be treated as a capital gain if attributable to the discontinuance of a trade or business conducted by the corporation throughout the preceding five years where another trade or business has been conducted by the corporation during the same period.

The whole business of federal income tax has become exceedingly large and complex. The statutes, regulations and decisions literally cover thousands of pages. The Federal Government maintains approximately seventy-five offices and over fifty thousand employees to handle its tax work. Last year the Internal Revenue Service handled more than 67,000,000 income tax returns. Taxes manifestly are costly to those who pay. Yet, proper attention to details will produce savings. We can think of no better way to finish this particular series than by repeating the advice with which we started. It will be worth your while to seek competent professional advice on your tax matters.

"Jackstraw"[®]

one of the many reasons why

GOLD SEAL LINOLEUM FLOORS BOOST HOME SALES

One "basic," smooth-surface floor throughout the house . . . a floor so colorful and comfortable, it's ready to live with . . . even without rugs or carpeting. That's what customers are buying! That's the big decorating trend! And that's the reason why you should know all about the best and best-known "basic" floor of them all . . . Gold Seal Inlaid Linoleum!

Easy to clean and keep clean! Highly resistant to ordinary kitchen grease, oils, dirt, grime and dulling film. Dense, satin-smooth surface stays bright and beautiful . . . will rarely ever pit, scar or chip . . . cuts cleaning time to a minimum.

Resilient, quiet, comfortable! Deadens floor noise and reduces foot fatigue. Resists permanent indentation from heavy furniture.

Smart! Colorful! Gives homes a luxury look. Gives you more of the patterns your customers would choose for themselves. For example: famous "Jackstraw" . . . proved most-wanted linoleum in 4 consumer surveys! Wide range of colors for every color scheme. **Stays smart and colorful!** Tough. Durable. Colors are *inlaid* for longer-lasting beauty.

America's finest! The only inlaid linoleum made by the natural oxidation process for greater resilience and durability.

Easier to handle! Exclusive SuperFlex[®] back eliminates need for extra lining felt. Highly flexible.

Economical! Initial cost can be amortized over long period of time. Approved for remodeling under F.H.A. Title I (open end mortgage).

Guaranteed! Your assurance of quality and complete customer satisfaction is the famous Gold Seal Guarantee of satisfaction or your money back.

Specifications: 12 "Jackstraw" patterns, 69 other patterns, 6" wide by the yard, 23 other patterns, 9" x 9" tile. Standard gauge. Install over suspended concrete or wood sub-floors. Also 1/4" gauge, burlap back for heavy traffic areas. Gold Seal Ranchtile Linoleum in 9" x 9" tiles, standard gauge, is the only inlaid linoleum recommended for installation over on-grade concrete . . . with or without radiant heat.



U.S. Gypsum Research Village Features Gold Seal Floors.

To explore new techniques in building, United States Gypsum has built 6 Research Homes . . . all employing new design and construction ideas as well as new applications for present building materials. All six homes offer more comfort, more livability, more value. Congoleum-Nairn floors are specified throughout all six of these homes.

U. S. Steel "Bride's House" Features Gold Seal Floors.

Gold Seal Vinylbest Tile and Gold Seal VinylTile will be used in 200 model homes throughout the country . . . Proud recommendations . . . and they are just two examples today, that prove you're smart to specify Gold Seal Floors.



**For home or business . . .
you get the finest choice of all in . . .**

INLAID LINOLEUM • RANCHTILE[®] LINOLEUM • LINOLEUM, VINYL, VINYLBEST
RUBBER, CORK AND ASPHALT TILES • VINYLFLOR • VINYLTOP • CONGOLEUM[®]
AND CONGOWALL[®] ENAMEL-SURFACE FLOOR AND WALL COVERINGS. *Trade-Mark



**GOLD SEAL
FLOORS AND WALLS**

CONGOLEUM-NAIRN INC., KEARNY, N. J.



**AMERICAN
BUILDER**

BLUEPRINT HOUSE

This takes to a sloping site . . .

BUILDER:
Roy E. Olson, Inc.,
Minneapolis, Minn.

ARCHITECT:
Gerald C. Luedke,
Minneapolis, Minn.

SQUARE FLOOR AREAS:

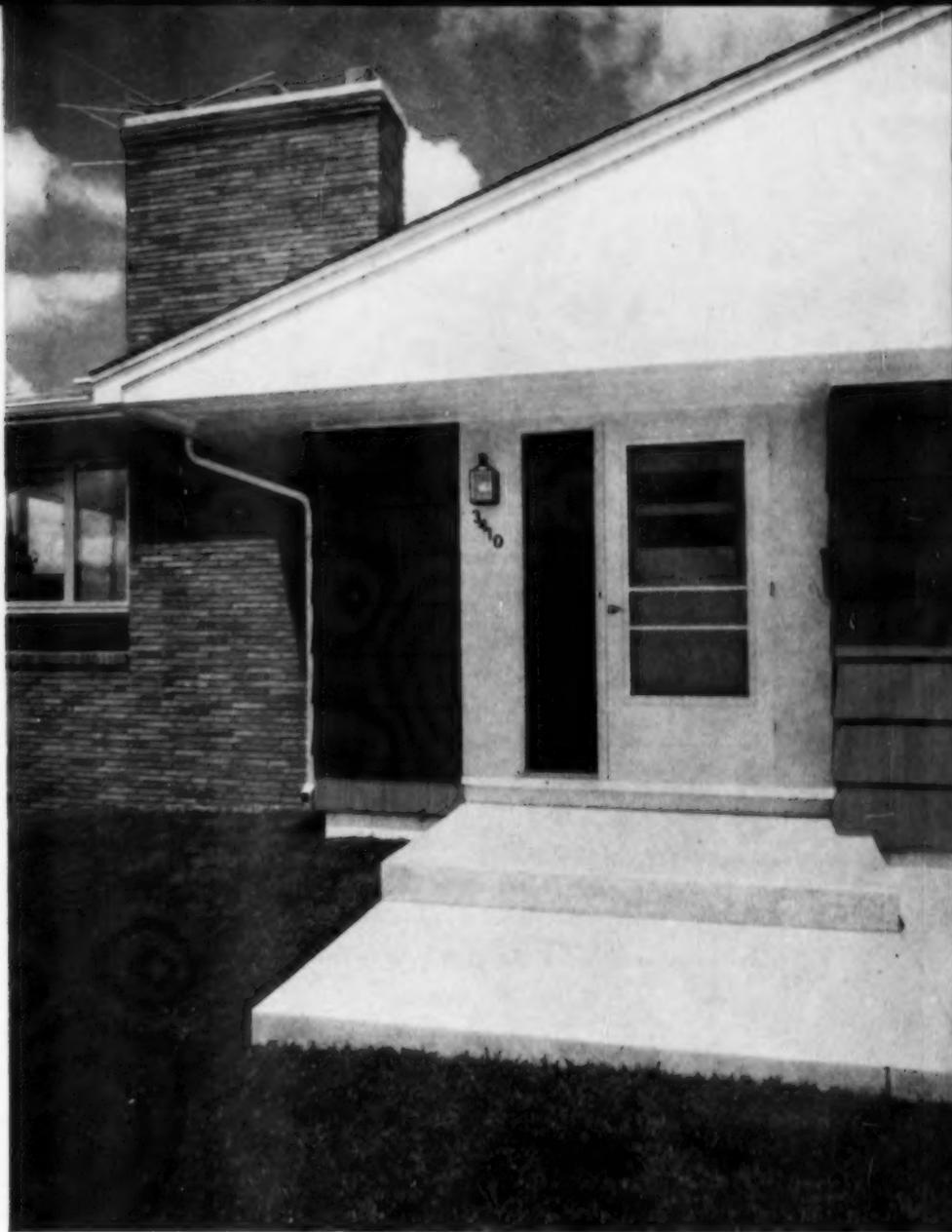
House, full area	1622
Garage, full area	440
Basement, 1/3 area	540
Total square foot area	2602
Cost per square foot	\$10.54

For computation purposes, the basement is fractional, so that the cost per square foot will be in ratio to the house and garage.

The two views on this page show the relation of the house to the low and high side of the lot. The whole exterior uses the reddish-brown and white color pattern



Proper scale is given to the entrance motif by the addition of the fluted pilasters on each side of the door and sidelight. The overhanging gable provides protection from the elements



... gables give the ranch-look on the high side

In today's house planning, the topography of the site should be accepted in a natural way, and floor levels arranged accordingly. In this case, a rambler takes on the character of a two-story structure on the low side of the lot. This has much practical value in that the basement area is provided with full-sized windows on one side and an outside entrance, which is an asset to the basement recreation room.

On the high side of the lot, the overhanging gable treatment pro-

duces the low, ranch-look, as well as protection from the elements for the front entrance and garage entrance. The roof continues in an unbroken sweep to the rear except where contact is made with the gable over the living room extension. The wide chimney gives a vertical accent for the front wall, with the brick continuing as a veneer around the living room extension.

In dealing with a sloping lot, it should be remembered that structural materials, including exposed

foundation walls, have design value. This house accents its concrete block foundation wall by applying cement stucco to it as a finish. This makes for strong color contrast with the dark stained shingle wall above. This contrast is reversed on the projecting bay at one end of the front, where the lower portion is faced with dark brick and the upper part finished in vertical boards painted white.

The plan of this house is excellent for a site that has a wide frontage. By locating the garage side of the

MORE



The brickwork on one side of the living room fireplace is extended beyond the wall to form a built-in planter

house close to the lot line, a wide expanse is left for landscaping on the opposite side.

The framing of this house is simplified by a bearing partition that extends down the center from front to rear. The rooms are positioned on either side, with the garage and living room across the front and the rest of the rooms toward the rear with a setback on both sides.

The basement area is left completely open to receive light from the large windows on the low side. A fireplace with a raised hearth is located directly below the fireplace in the living room.

The same design principles can be used when the house is placed on a level site. The large basement windows on the low side can be replaced with sash that occur below grade and which are enclosed with metal areaways. The roof, walls, material types and the window fenestration remain the same.

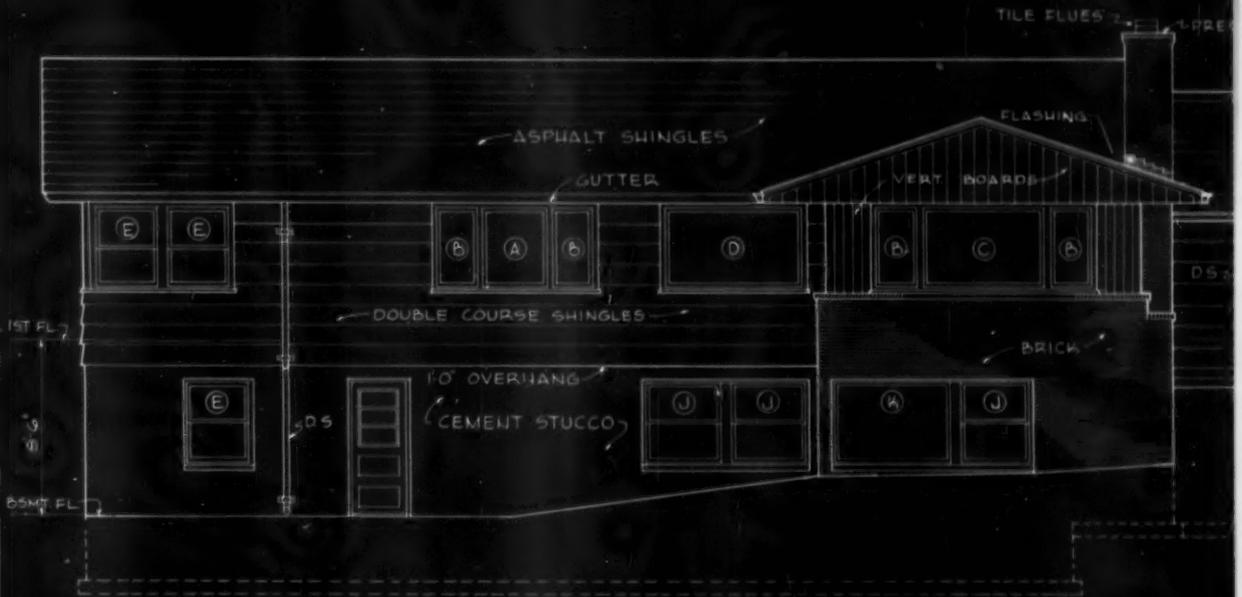
BRAND NAME PRODUCTS USED

Acme Lanterns Inc. fixtures	G-E Textolite kitchen counter
American Olean tile	Halcolite Lite fixtures
Armstrong linoleum	Insulite Backer-board
Appleton switch boxes	Kolorite process shakes
Blo-fan kitchen ventilator	Minneapolis-Honeywell zone control
Bryant forced air gas furnace	Nelson's asphalt shingles
Bruce flooring	Nu-Tane door chime
Buildrite sheathing	P & S switches
Curtis Silentite casements	Reading copper water pipe
Curtis Silentite double hung windows	Standard Sanitary plumbing fixtures
Curtis kitchen cabinets	Suntile by Cambridge tile
Curtis New Londoner doors	Thermopane double glazing
Curtis American Exterior doors	U.S. Gypsum sheetrock
Curtis wood trim	U.S. Gypsum Red Top insulation
Feather-lift garage door	Weyerhaeuser 4-Square lumber
G-E dishwasher	Wagoner water heater

For information about complete one-quarter inch working plans of this house write American Builder Home Plans Service, 79 W. Monroe St., Chicago 3, Ill.

SEE BLUEPRINT FOR WORKING DRAWINGS ►

AMERICAN BUILDER



LEFT SIDE ELEVATION

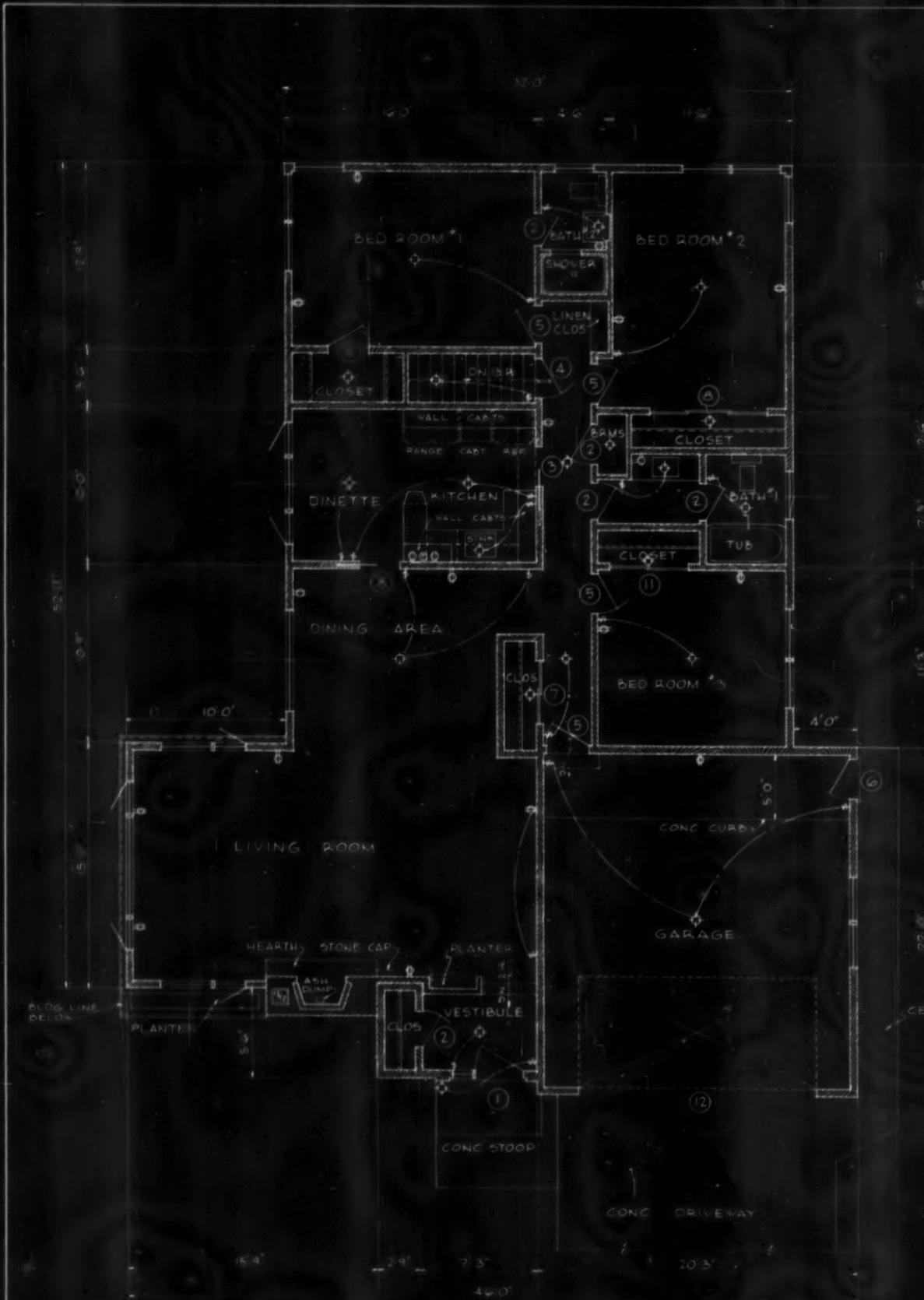
SCALE 1/8"=1'-0"



FRONT ELEVATION

SCALE 1/8"=1'-0"

← FULL OUT FOR FLOOR PLAN →



FIRST FLOOR PLAN

SCALE 1/8" = 1'-0"



BASEMENT PLAN

SCALE 1/8" = 1'-0"

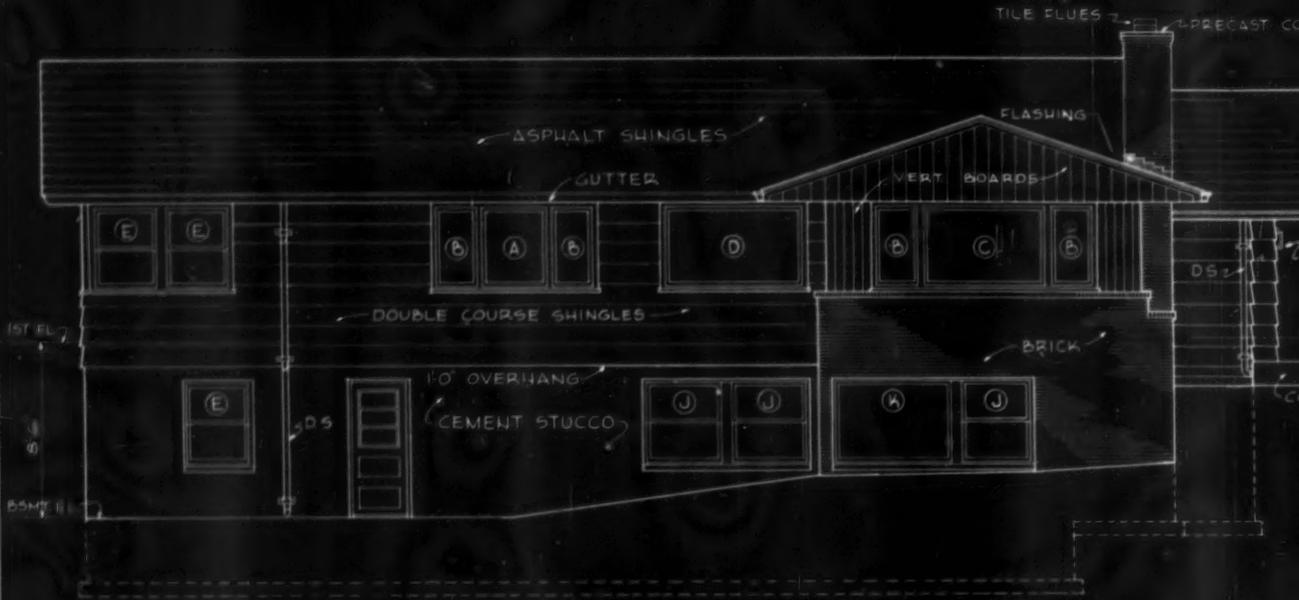
DESIGN NO. A B 217

AMERICAN BUILDER BLUE PRINT SERIES

GERALD C. LUEDKE
ARCHITECT-DESIGNER

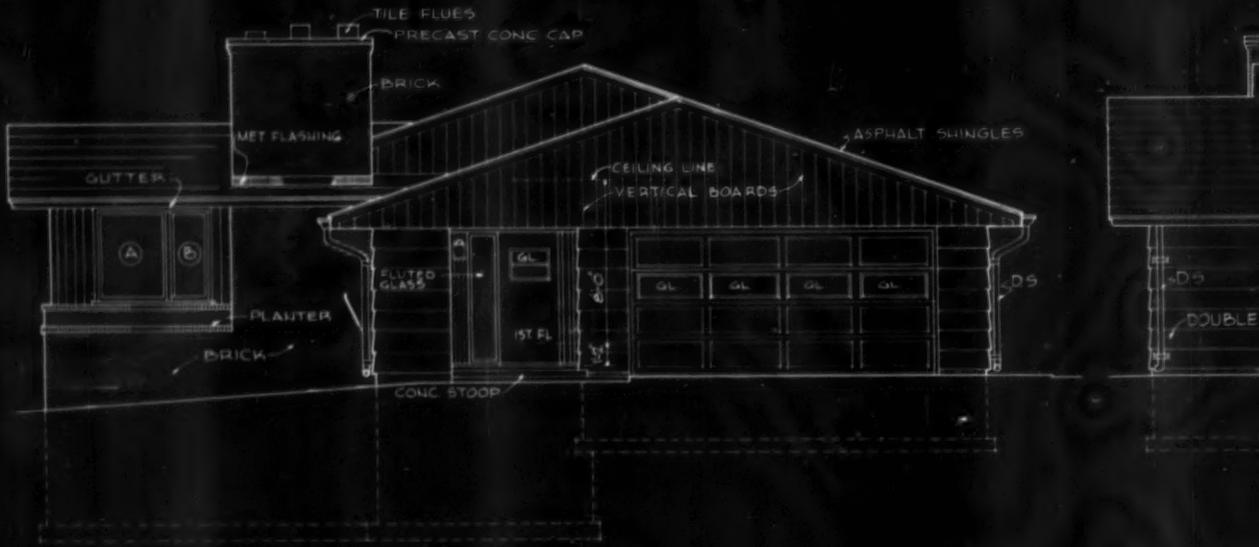
MINNEAPOLIS 23 MINNESOTA

Simmons-Boardman Publ. Corp. 79 W. Monroe St. Chicago 3, Ill.



LEFT SIDE ELEVATION

SCALE 1/8"=1'-0"



FRONT ELEVATION

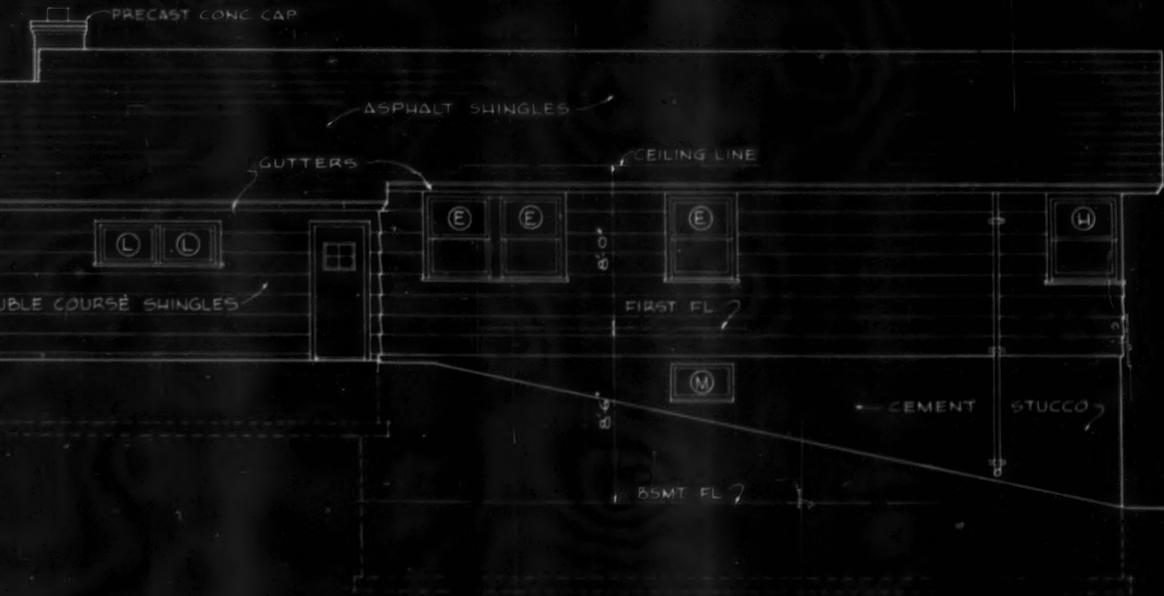
SCALE 1/8"=1'-0"

← FULL OUT FOR FLOOR PLAN →



REAR ELEVATION

SCALE 1/8"=1'-0"



RIGHT SIDE ELEVATION

SCALE 1/8"=1'-0"

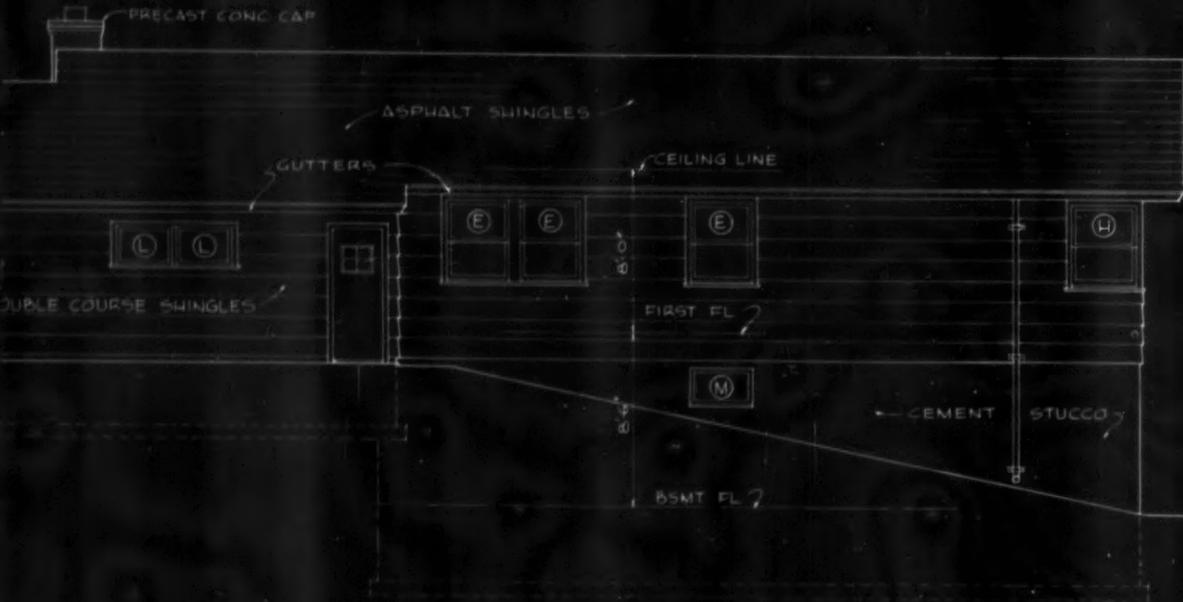
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 AMERICAN BUILDER BLUE PRINT SERIES
 GERALD C LUEDKE
 ARCHITECT-DESIGNER
 MINNEAPOLIS 23, MINNESOTA
 Simmons Boardman Publ. Corp. 79 W. Monroe St. Chicago 3111

CAST CONC CAP



REAR ELEVATION

SCALE 1/8"=1'-0"



RIGHT SIDE ELEVATION

SCALE 1/8"=1'-0"

DESIGN NO A B 217

AMERICAN BUILDER BLUE PRINT SERIES

GERALD C LUEDKE
ARCHITECT-DESIGNER
MINNEAPOLIS, 23, MINNESOTA

Simmons Boardman Publ. Corp 79 W. Monroe St. Chicago 3111

Quantity List of Materials

For American Builder Blueprint House No. 217

Gerald C. Luedke, Architect

General Information

House — Type	combination frame and masonry
Area	1,622 sq. ft.
Cube	32,440 cu. ft.
Height taken for cube was 20 ft.	
Garage — Area	440 sq. ft.
Cube	4,400 cu. ft.
Height taken for cube was 10 ft.	
Porch — Area	50 sq. ft.

Interior doors — including jambs and trim	6 — 2'4" x 6'8"
	6 — 2'8" x 6'8"
	3 — 2'6" x 6'8"
	5 — 2'0" x 6'8"
	5x panel doors 1 — 2'6" x 6'8"
Special interior doors	9 of above doors are sliding type
Special interior millwork	1 set kitchen cases
	1 bathroom case

Excavating

Trench for foundation	240 lin. ft.
Chimney and column footings	1 chimney pad and 2 column pads
Excavation for basement	200 yds.

Cement Work

Foundations (footing only)	250 cu. ft.
Concrete work	1,412 sq. ft. — 3 1/2" thick
	440 sq. ft. — 4" thick
Sidewalks	50 sq. ft.
	plus Stoop 42 cu. ft.
Waterproofing	1,000 sq. ft.
Miscellaneous	900 sq. ft. 8" thick
	and 850 sq. ft. 12" thick
Concrete driveway not included — 750 sq. ft. wall surface to be cement plastered on exterior.	

Masonry

Type	brick veneer
Walls	400 sq. ft.
Window sills	brick
1st. floor fireplace of roman brick facing	36 sq. ft.
1st. floor fireplace of stone cap and planter's shelf	17 lin. ft.
Chimney	1,250 cu. ft.
Flue lining	32 lin. ft. of 12"
Chimney cap	precast concrete
Fireplace	2
Throat and damper	2
Lintels	2
Miscellaneous	1 ash dump
No flue shown nor included for heater unit.	

Iron Work

Structural	57 lin. ft. steel beam (size not given)
Lally columns	2
No steel called for over openings in concrete block or brick walls.	

Millwork

Window — Type	casement, fixed, and double hung
Material	wood
Windows Glazed including trim	
Fixed	3 — 36" x 50"
	1 — 68" x 50"
	1 — 76" x 50"
	1 — 68" x 42"
	2 — 30" x 18"
Casements	6 — 18" x 50"
Double hung	9 — 2 ft. 32" x 24"
	2 — 2 ft. 24" x 24"
	4 — 2 ft. 36" x 24"
	3 — 2 ft. 36" x 20"
1 — 30" x 18" Hinged top. See Wdw. schedule on plan.	
Exterior doors	Wood — See door schedule on plan.
	1 — 3'0" x 6'8"
	2 — 2'8" x 6'8"
Garage door	wood
	15'0" x 7'0" upward-acting
Exterior Millwork	entrance fascias with fixed side light

Carpentry

Joists	85 — 2" x 10" — 16'0"
Bridging	280 lin. ft.
Studding and plates	450 — 2" x 4" x 8'0"
	10 — 2" x 4" x 10'0"
	10 — 2" x 4" x 12'0"
	14 — 2" x 4" x 14'0"
	83 — 2" x 4" x 16'0"
Ceiling joist	82 — 2" x 6" x 16'0"
	18 — 2" x 6" x 20'0"
Roof Rafters	6 — 2" x 8" x 16'0"
	1 — 2" x 8" x 24'0"
	72 — 2" x 6" x 20'0"
	20 — 2" x 6" x 12'0"
	14 — 2" x 6" x 18'0"
	13 — 2" x 6" x 24'0"
Framing Lintels	2 — 2" x 12" x 16'0"
	4 — 2" x 12" x 12'0"
	8 — 2" x 8" x 8'0"
	2 — 2" x 8" x 10'0"
Subfloor	1,950 b.f.m.
Roof sheathing	2,900 b.f.m.
Side Wall Sheathing	1,800 b.f.m.
Side Wall Materials	450 b.f.m. vertical boards
	8 squares double shingles
Carpenter Stairs	12 — 2" x 10" x 3'6"
	2 — 2" x 12" x 14'0"
	13 — 1" x 8" x 3'6"
	2 — 2" x 4" x 8'0"
	1 — 4" x 4" x 7'0"
Flooring — hardwood	1,160 sq. ft.
softwood	160 sq. ft.
Exterior material	
Soffits—exterior plywood	578 sq. ft.
Eaves and fascia	254 ft. 1" x 8"
Crown moulding	110 ft.
Insulation	
Ceiling (not including garage)	1,560 sq. ft.
Sidewall	1,400 sq. ft.

Sheet Metal

Gutters	134 lin. ft.
Downspouts	56 lin. ft.
Flashing	chimney

Roofing

Asphalt shingle	28 — 1/3 squares
-----------------	------------------

Interior Walls

Area to be covered — including garage	6,200 sq. ft.
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● This quantity list will be subject to variation depending on the common practices in various sections and municipalities of the country, the techniques of individual builders, the types of materials available locally and cost factors. The list published here is a suggested one, complete enough so that it can be used in arriving at a reasonably accurate estimate of the quantities and cost of materials that will be required to complete the structure. It was prepared by experts at the Edward Hines Lumber Co., Chicago.

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The Matthews kitchen.

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One of the Matthews bathrooms.

Here's what Dacre home owners say:

"There's nothing in the world for me like clay tile," says Mrs. Thomas J. Matthews, 1337 Roosevelt Avenue. "I've had crowds in my home, and you'd never know it—it's no work at all. It makes my home look 'expensive' but it actually cost me very little more."

"Mosaic clay tile saves me lots of cleaning," says Mrs. Charles R. Sias, 1212 Bryn Mawr Avenue. "My utility room's tile floor is specially practical. And, our completely tiled shower—floor, walls, seat and ceiling—is the best of all!"



View in the Sias living room.

Whether you build single units or develop large tracts, it will pay you to study the value of Mosaic clay tile in your houses. See Mosaic tile today at your Tile Contractor's Showroom, or at the Mosaic Showroom near you. For helpful Mosaic tile literature, write The Mosaic Tile Company, Dept. 35-22, Zanesville, Ohio.



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Philadelphia • Pittsburgh • Portland • Rosemead, Cal. • Salt Lake City • San Francisco
• Seattle • St. Louis • Tampa • Washington, D.C. • Zanesville

PART I

(a) Theory and Principles of Housing Market Analysis

Analysis of the Housing Market

- (1) "THE REAL ESTATE MARKET"—Chapter 8 (pages 142-167) of PRINCIPLES OF URBAN REAL ESTATE by Arthur M. Wetmer and Homer Hoyt (Revised Edition; First Edition, 1939); published by The Ronald Press Company, New York, N. Y., 1948.—512 pages; price: \$5.00

This chapter considers: 1. Market Competition; 2. Types of Real Estate Markets; 3. Tendency Toward Uniform Price; 4. Criteria of an Efficient Market; 5. Function 1: Meeting Sudden or Temporary Changes in Space Requirements; 7. Controlled versus Competitive Prices; 8. Function 2: Adjusting Supplies of Space to Changed Requirements; 9. Function 3: Land Use Determination; 10. Competitive Forces and Social Control; 11. The Market in Operation; 12. Factors Conditioning Cyclical Variations; 13. Early Stages of the Cycle; 14. Later Stages of the Cycle; 15. Is there a National Cycle of Real Estate Activity?; 16. The Real Estate Cycle and the Business Cycle; 17. What of Future Real Estate Cycles?

- (2) "THE HOUSING MARKET"—Chapter 11 (pages 302-345) of URBAN LAND ECONOMICS by Richard U. Ratcliff; published by McGraw-Hill Book Company, Inc., New York, Toronto, London, 1949.—533 pages; price: \$6.50

This chapter considers: 1. The Housing Stock; 2. The Market for Building Lots; 3. Rental Market; 4. Existing Stock of Rental Units; 5. Marketing Rental Dwellings; 6. Rental Housing Origins; 7. Market for Homes; 8. Value Stratification and Filtering; 9. Surplus as a Requisite; 10. Change in Quality; 11. Need for New Construction; 12. Surplus as a Check on Production; 13. Surplus at the Bottom; 14. Accelerated Depreciation; 15. Time Dimension in Filtering; 16. Market Experience with Filtering; 17. Long-Run Possibilities; 18. Filtering Cannot Be Forced; 19. Conclusions on Filtering; 20. Cyclical Fluctuations; 21. Market Indicators; 22. Seasonal Fluctuations; 23. Cyclical Sequence; 24. Recent Housing Market History; and 25. Manifestations of Instability.

- (3) "THE NATURE OF THE REAL ESTATE MARKET"—Chapter XIII (pages 221-242) of REAL ESTATE ANALYSIS by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.—576 pages; price: \$6.00

Includes a consideration of: 1. Development of Market Organization; 2. Nature of the Real Estate Market; 3. The Price of Real Estate; 4. Other Characteristics of the Price of Real Estate; 5. Sources of Information; 6. Distinction Between Demand and Need; 7. The Demand Factors; 8. Population Changes; 9. What is a Household?; 10. Qualitative Characteristics of Demand; 11. Wage and Employment Conditions; 12. Financing as a Factor of Demand; 13. Abnormal Conditions; 14. The Supply of Properties; 15. More Intensive Use of Existing Properties; 16. New Construction; 17. Construction Loans; 18. Holdings of Financial Institutions; 19. Agencies in the Real Estate Market; 20. Licensing of

Brokers; 21. Maintenance of Broker Standards; and 22. Heterogeneous and Fluctuating Character of the Real Estate Market.

- (4) "THE BEHAVIOR OF THE HOUSING MARKET"—Chapter 7 (pages 175-206) of AMERICAN HOUSING: PROBLEMS AND PROSPECTS; The Factual Findings By Miles L. Colean; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

Includes a consideration of: 1. SOME CRUCIAL FACTORS IN THE HOUSING MARKET; a. The Variability of Demand; b. The Stability of Supply; 2. FLUCTUATIONS IN THE BUILDING AND MARKETING OF HOMES; a. The Pattern of Building and Real Estate Cycles; b. What Influences the Cycle; 3. THE PROBLEM OF PRICE ADJUSTMENT; a. Slow Movement of Housing Prices; b. Price Stickiness and the Violence of the Building Cycle; c. Price Stickiness and Housing Surpluses; 4. CAN MARKET MALADJUSTMENTS BE LESSENE?; 5. SUMMARY.

- (5) "PRICE FLUCTUATIONS AND REAL ESTATE CYCLES—Chapter XIV (pages 243-262) of REAL ESTATE ANALYSIS; by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.—576 pages; price: \$6.00

Includes a consideration of: 1. The Record of Building Cycles; 2. Real Estate Prices; 3. Rapidity of Rise in Recent Years; 4. Analysis of Recent Price Increases; 5. Increasing Volume and Rising Prices; 6. Deed Recordings; 7. Fluctuations in Deed Recordings; 8. Land Prices; 9. Apartment House Prices; 10. Commercial and Office Buildings; 11. The Nature of Cycles; 12. The Real Estate Cycle; 13. Relationship between Real Estate and Business Cycles; 14. War and Cycles; 15. Demand and Supply; 16. Behind Supply and Demand; 17. The Importance of Public Confidence; 18. Jerry Building; 19. Speculation in Real Estate; and 20. Value and Price.

- (6) "THE MECHANICS OF THE HOUSING MARKET"—Chapter 8 (pages 207-224) of AMERICAN HOUSING: PROBLEMS AND PROSPECTS; The Factual Findings By Miles L. Colean; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

Includes a consideration of: 1. SPECIAL PROBLEMS OF THE HOUSING MARKET; a. Matching Houses to People; b. Problems of Valuation and Pricing; c. Problems of a Divided Market; 2. COMPLEXITY OF HOUSING TRANSACTIONS; a. Peculiarities of Real Estate Ownership; b. Title to Real Estate; c. The Cost of Real Estate Transactions; 3. HOW HOUSES ARE MARKETED; a. The Real-Estate Broker; b. Costs of Distribution; c. Other Types of Distributing Organizations; 4. SUMMARY.

- (7) "DEMAND FOR HOUSING"—Chapter 4 (pages 87-122) of URBAN LAND ECONOMICS by Richard U. Ratcliff; published by McGraw-Hill Company, Inc., New York, Toronto, London, 1949.—533 pages; price: \$6.50.

This chapter considers: 1. The Quantity of Demand for Housing; 2. Marriages; 3. Death and Divorce; 4. Migration; 5. Sharing of Dwellings; 6. Population and Demand; 7. Elasticity of Demand; 8. Measuring the Quantity of Demand; 9. Qualitative Aspects of Demand; 10. Tenure; 11. Recent History of Home Ownership; 12. Basic Forces Affecting Tenure; 13. Custom; 14. Occupation; 15. Age and Family Status; 16. Financial Status; 17. Relative Costs; 18. Other Forms of Tenure; 19. Type and Size; 20. Style; 21. Location; 22. Price and Rent; 23. Testing the Quality of Demand; and 24. Housing for Unattached Adults.

- (8) "THE MARKET FOR RESIDENTIAL LEASEHOLDS"—Chapter 5 (pages 91-119) of URBAN REAL ESTATE MARKETS: CHARACTERISTICS AND FINANCING by Ernest M. Fisher, Columbia University; Financial Research Program; Studies in Urban Mortgage Financing; published by National Bureau of Economic Research, 1819 Broadway, New York 23, N. Y., 1951.—186 pages; price: \$3.00

This chapter considers: 1. Characteristics of the Residential Leasehold Estate; 2. Characteristics of the Market for Residential Leasehold Estates; 3. Behavior of the Residential Rental Market; 4. Reaction of Rising Income; 5. Characteristics of a Seller's Market; 6. The Market in Transition; 7. Characteristics of a Buyer's Market; 8. The Effects of Rent Control on the Residential Rental Market; and 9. Summary.

- (9) "THE MARKET FOR HOMES IN FEE"—Chapter 3 (pages 38-60) of URBAN REAL ESTATE MARKETS: CHARACTERISTICS AND FINANCING by Ernest M. Fisher, Columbia University; Financial Research Program; Studies in Urban Mortgage Financing; published by National Bureau of Economic Research, 1819 Broadway, New York 23, N. Y., 1951.—186 pages; price: \$3.00

This chapter considers: 1. Percentage of Homes Owner-Occupied; 2. Influences Affecting Percentage of Home Ownership; 3. Length of Tenure of Owner-Occupied Homes; 4. Characteristics of the Home Ownership Market; 5. Characteristics of a Buyer's Market; 6. Measurement of Foreclosure and Surrender Rate in a Buyer's Market; 7. Transition from a Buyer's to a Seller's Market; 8. Market Changes and Price Movements; and 10. Effects on the Volume of Home Building.

- (10) "SURVEYING THE MARKET" (for Subdivisions)—Chapter 8 (pages 67-73) of REAL ESTATE SUBDIVISIONS by Stanley L. McMichael; published by Prentice-Hall, Inc., New York, N. Y., 1949.—394 pages; price: \$5.75

This chapter considers: 1. Introduction; 2. Effects of the Depression in the '30's; 3. Importance of Surveys and Planning; 4. Dr. Fisher's Survey of "Real Estate Subdivision Activity and Population Growth in Nine Urban Areas"; 5. Information Essential to Proper Analysis of Market for Subdivisions; 6. N.A.R.E.B. Survey of Who Buys and Why; 7. Improved vs. Unimproved Lots; and 8. Customary Front-Foot Prices and Widths.

- (11) "REAL ESTATE MARKET ANALYSIS"—Chapter 9 (pages 108-

177) of **PRINCIPLES OF URBAN REAL ESTATE** by Arthur M. Weiner and Homer Hoyt (Revised Edition; First Edition, 1939); published by The Ronald Press Company, New York, N. Y., 1948.—512 pages; price: \$5.00.

This chapter considers: 1. Importance of Market Analysis; 2. Extent and Character of the Market; 3. Demand Forces; 4. Supply Factors; 5. Relative Prices—Catalytic Agents; 6. Position of the Cycle; and 7. Need for Caution in Reaching Conclusions.

- (12) **"MOBILITY AND MIGRATION AS FACTORS IN HOUSING DEMAND"** by E. Everett Ashley, 3d; In *Housing Research*, October 1953, pages 1-7; published by the Housing and Home Finance Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. The declining rate of family formation has focused attention upon its probable impact upon the volume of new residential building. This article examines the importance of factors other than family formation upon the demand for new housing. It presents evidence that migration and mobility can be important elements in determining the volume of new construction. The report, prepared as a staff project, is illustrated by two charts and seven tables.

- (13) **"HOW IMPORTANT ARE CONVERSIONS IN THE CURRENT HOUSING SCENE?"** by Benjamin Lipstein; In *Housing Research*, Spring 1952, pages 1-14; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Changes in the housing supply are the result of new construction, conversion of existing structures, and losses from demolition, disasters, or reconversions. Good information is available only on new residential construction. To fill this gap in our information HHPA awarded a research contract to the Bureau of Labor Statistics, U. S. Department of Labor, to study the feasibility of measuring conversions and demolitions on a current basis. Pilot studies were made in the Baltimore and Norfolk-Fortsmouth areas. This article highlights some of the findings with regard to the conversion aspect of the problem. The research was conducted by Mr. Lipstein under the direction of H. E. Riley, Chief, Division of Construction Statistics, BLS. Arthur Germand was HHPA staff technician on the project.

- (14) **"WHY PEOPLE BUY THE HOUSES THEY DO"** by Edward T. Paxton; In *Housing Research*, October 1952, pages 1-7; published by the Housing and Home Finance Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Summarizes the results of a personal-interview survey of home-owner occupants in the upper-, middle-, and lower-third income groups who purchased dwellings in 1949 and the first half of 1950 in nine of the Nation's big metropolitan areas and in a representative and widely distributed sample of smaller cities and towns. This article reviews some of the chief findings of the survey, such as family size, age, and income characteristics of buyers of homes in different price classes, and the reasons for selecting the type of home purchased. The survey was conducted by the Survey Research Center of the University of Michigan under a contract with HHPA's Division of Housing Research. Includes a consideration of: 1. The Survey; 2. Who were the Buyers?; 3. Why were these People in the Market?; 4. Why Buyers Decided not to

Rent; 5. What did They Want and What did They Get?; (a) Number of stories; (b) Material; (c) Basement; (d) Number of Rooms; 6. The Prices Paid; 7. Were the Buyers Satisfied?; and 8. In Summary.

- (15) **HOUSING MARKET ANALYSIS: A STUDY OF THEORY AND METHODS** by Chester Rappin, Louis Winnick, and David M. Blank; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., December, 1953.—92 pages; price: 50¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Since the whole field of housing market analysis is still a relatively uncharted one, it seemed appropriate that a comprehensive empirical analysis of the subject be provided as a basis for more detailed research. In view of their long experience in the field, Prof. Ernest Fisher and his staff at Columbia University's Institute for Urban Land Use and Housing Studies seemed singularly qualified to undertake such a study of the theory underlying housing market analysis. Accordingly a research contract was entered into between the Division of Housing Research of HHPA and Columbia University to undertake the study, the results of which are presented in this report. The objectives of this particular piece of research were to develop more precise definitions of assumptions, both implicit and explicit, underlying the housing market analysis process; to appraise empirical data commonly used in the process and offer suggestions, both for more effective use of and improvements in the quality of existing statistical series; to explore the usefulness of other data not currently readily available for analytical purposes; and to develop analytical devices that might advance understanding of the behavior of local housing markets. During the preparation of the report, assistance and suggestions were received from E. Everett Ashley, 3rd, Ernest Jurkat, Henry B. Schechter, and Leonard Silk, of the Housing and Home Finance Agency, from Stanley Kadow and Frank Mucha of the Federal Housing Administration, from Lawrence Bloomberg of the Public Housing Administration, from Richard W. Hill of the New York State Division of Housing, and from L. Durward Badgley and James J. Hubbard of the Mutual Life Insurance Company of New York. Edward M. Barnett and Charles L. Quittmeyer of the Graduate School of Business, Columbia University, were consultants during the later stages of the study and prepared preliminary materials for Appendix A. Dr. Ernest M. Fisher, Director of the Institute for Urban Land Use and Housing Studies, guided the study from its earliest formulation to its completion. Dr. Leo Grebler assisted in the choice and treatment of various topics; John Rannells designed and prepared the exhibits. Assistance in preparing the manuscript was given by Mrs. Esther Olmstead, and by Misses Gladys Davies and Patricia Dionne. Some of the material in Chapter 3 (Toward a Theory of Housing Market Behavior) appeared as an article entitled "The Structure of the Housing Market" by David M. Blank and Louis Winnick, in *The Quarterly Journal of Economics*, vol. LXVII, No. 2 (May 1953).

- (16) **POPULATION GROWTH IN STANDARD METROPOLITAN AREAS, 1900-1950 (WITH AN EXPLANATORY ANALYSIS OF URBANIZED AREAS)** by Donald J. Bogue; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., December 1953.—76 pages; price: 55¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This monograph is the first report in a series of studies being made on the subject of patterns of metropolitan growth. Research in this field was begun in 1948 by the Scripps Foundation for Research in Population Problems at Miami University, Oxford, Ohio, as part of a large program of research in population distribution. This research

was particularly needed as a result of the major changes made in 1950 by the Bureau of the Census, United States Department of Commerce, in its treatment of area data in the fields of economic and social statistics. These changes made data from all earlier censuses relating to metropolitan areas and to urban population incomparable with those for 1950 and later years. There was a genuine need, therefore, for a means through which the major users of such data could make the transition to the new series with a minimum of confusion. Consequently, in 1950 the Housing and Home Finance Agency granted the Foundation for Research in Population Problems a four-year contract for further research in this field. This has made it possible to intensify and expand the work on metropolitan growth patterns. The Housing and Home Finance Agency shares its financial sponsorship with the Rockefeller Foundation which granted the original funds under which the project for research in population distribution was begun. The present monograph (intended as the first in a series of seven) reestablishes the continuity lost by the shift in 1950 from metropolitan districts to standard metropolitan areas. Working from the 168 standard metropolitan areas for 1950, the author has reconstructed comparable data by decade from 1900. Within HHPA's Division of Housing Research, the project was administered by the Division's Housing Economics Branch headed by E. Everett Ashley, 3rd. Edmond H. Hoben, urban studies specialist, was HHPA staff technician. The author, who is Associate Director of the Scripps Foundation for Research in Population Problems at Miami University, has illustrated the text with numerous tables and graphs.

- (17) **THE NEED FOR DEVELOPING LOCAL HOUSING MARKET DATA** by E. Everett Ashley 3d, in *Housing Research*, No. 7, April 1954, pages 1-9; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; Price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Because of the impact of a variety of local forces, national data are of extremely limited value for anticipating probable trends in individual housing markets. This article points up the magnitude of the divergence between national and local housing trends and shows the importance of having good locality facts and figures. The experience of seven communities is reviewed in which builders, real estate brokers, lenders, material suppliers, and other interested businessmen have joined forces to provide means of securing up-to-date data on the current status and prospects of the residential market in their respective cities on a regular recurring basis. Suggestions are offered as to how similar residential research committees could be established advantageously in other places.

(b) Application
of the Method
(Prototype
Studies)

- (31) **HOUSING IN FRONT ROYAL VIRGINIA, FACTS AND TRENDS**—Prepared and published by The American University, Washington, D. C., 1946.—93 pages, mimeographed; price: not stated. Order copies from The American University, Washington, D. C.

ABSTRACT. This analysis was undertaken by a group of students in a course in housing offered at the American University, in Washington, D. C., in cooperation with the National Housing

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9' x 7'	*	*	*	*	*
10' x 7'	*	0	0	0	0
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16' x 7'	*	*	0	0	

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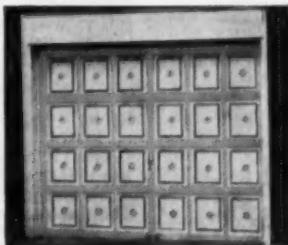
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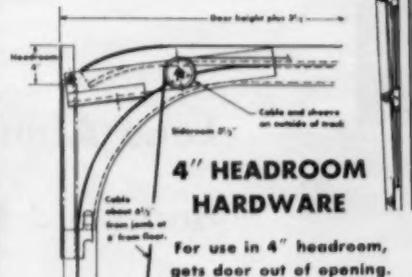
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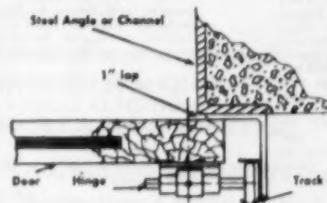
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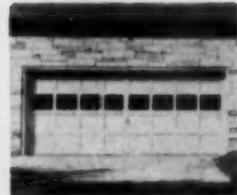
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Agency, and taught by Glenn H. Beyer, Director of the Market Research Division, Program Planning Branch, of N.H.A. Members of the class who actually compiled the information and data necessary (in field trips to Front Royal, as well as from many other sources) and who undertook the analysis and prepared the final report are: Milton I. Coven, Robert O. Davenport, V. Hebece Finkelstein, Mary B. Geiser, A. Stanley McCaughan, Ernest W. McIntosh, Corinne K. Robinson, J. Hugh Rose, Henry Schechter, and Nathan H. Schein.

- (39) **A SHORT-TERM FORECAST OF THE HOUSING MARKET, JACKSONVILLE, FLORIDA** by Reinhold P. Wolff, Director, Bureau of Business and Economic Research, University of Miami, Coral Gables, Florida, with the assistance of Professors Martin Deutsch, Jo-

seph H. Young and Allen Chester, and of David K. Gillogly. The project was sponsored by the Housing and Home Finance Agency, Division of Housing Research, and was generally supervised for HIFA by Ernest H. Jurkat and E. Everett Ashley, 3d. Published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., in June 1953.—65 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This monograph, with its five charts and 44 tables, discusses an aspect of a low-cost technique for local housing-market analysis. Interest in the availability of more precise methods of

determining present and prospective demand for shelter has been growing steadily in the housing field, with an increasing awareness among thoughtful civic leaders that the resolution of local housing problems can best be accomplished if at the outset there is a competent analysis of the current housing situation. Therefore, HIFA entered into a research contract whereby the University of Miami (Florida) undertook an experimental short-term forecast of the housing market in a moderate-size industrial community to test the feasibility of applying simple population forecasting techniques to housing market analysis. Jacksonville, Florida, was selected for the study. This selection provided an opportunity for coordinating results with those of a companion analysis on the characteristics of the mortgage market in a medium-size city, published as HIFA Housing Research Paper 23: *Residential Mortgage Financing, Jacksonville, Florida, First Six Months of 1950*, which is listed as item (874) of this reading list.

PART II

(a) Land, Land Acquisition, and Land Planning

- (51) **LAND ECONOMICS; PRINCIPLES, PROBLEMS AND POLICIES** by Roland R. Renne, Montana State College; published by Harper & Brothers, New York and London, 1947.—736 pages; price: \$5.00.

The several Parts and Chapters of this work cover the following topics: PART I: BACKGROUND AND PERSPECTIVES; 1. The Field of Land Economics; PART II: PRINCIPLES OF LAND UTILIZATION; 2. The Supply of Land; 3. The Demand for Land; 4. Land Appropriation; 5. Economic Processes in Land Utilization; 6. Land Rent and Income Distribution; PART III: MAJOR LAND USES; 7. Agricultural Land; 8. Forest Land; 9. Recreational Land; 10. Mineral Resources; 11. Water Resources; 12. Transportation; 13. Urban Land; PART IV: LAND USE PROBLEMS AND POLICIES; 14. Land Tenure and Tenancy; 15. Land Valuation and Credit; 16. Land Taxation; 17. Conservation of Land Resources; PART V: PLANNING AND CONTROL OF LAND USE; 18. Planning the Use of Land; and 19. Future Control of Land Use.

- (52) **LAND ECONOMICS** by Richard T. Ely and George S. Wehrwein; published by The Macmillan Company, New York, N. Y., 1940.—512 pages.

Includes a consideration of: 1. Land and Population; 2. Land as Nature; 3. Land as Space; 4. Land as Property; 5. The Economics of Land Utilization; 6. Agricultural Land; 7. Agricultural Land Tenure and Soil Conservation; 8. The Utilization of the Arid Lands; 9. Forest Land; 10. The Environment and Recreational Land; 11. Water Resources; 12. Mineral and Fossil Resources; 13. Urbanization and Urban Land; 14. Conservation and Social Control over Land; A Summary; and 15. Bibliography.

- (53) **"LAND FOR HOUSING"**—Chapter 1 (pages 13-37) of **AMERICAN HOUSING; PROBLEMS AND PROSPECTS; The Factual Findings** by Miles L. Colean; The Program by The Housing

Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

Includes a consideration of: 1. THE AVAILABILITY OF LAND; a. Urban Lot Vacancy; b. Decline of Central Cities; 2. BARRIERS TO THE USE OF SURPLUS LAND; a. Effect of Location on the Availability of Land; b. Effects of Tax Delinquency on the Availability of Land; c. Legal and Financial Barriers to Utilization of Land; 3. THE COST OF LAND; a. Prospects for Land Prices; b. Cost of Land in Relation to Total Property Costs; c. Raw Land and Improvement Costs; 4. TRENDS IN LAND UTILIZATION; a. Decline in Density and Price; b. Protecting Neighborhood Values; c. Growth of Public Control of Land Subdivision; d. The Movement to New Land; 5. SUMMARY.

- (54) **A CRITICAL REVIEW OF RESEARCH IN LAND ECONOMICS** by Leonard A. Salter, Jr.; published by The University of Minnesota Press, Minneapolis, Minn., 1948.—258 pages.

Includes a consideration of: 1. Introduction; 2. The Development of Rural Land Economics in the United States; 3. Scientific Method and Social Science; 4. On the Use of Publications as Methodological Evidence; 5. Land Utilization Research in the Cut-Overs; 6. Land Utilization Research in Other Areas; 7. Research in Landed Property; 8. Changes in Emphasis; and 9. Conclusions.

- (55) **"DEFICIENCIES OF THE LAND SYSTEM"** (Conclusions concerning)—Section 1 (c) of Chapter 12: Conclusions and Recommendations of the Housing Committee, of **AMERICAN HOUSING; PROBLEMS AND PROSPECTS; The Factual Findings** by Miles L. Colean; The Program by The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

- (56) **"LAND PROBLEMS AND HOUSING DISTRIBUTION"**—Section 2 of Chapter 11: Removing the Obstacles, of **AMERICAN HOUSING; PROBLEMS AND PROSPECTS; The Factual Findings** by Miles L. Colean; The Program by The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

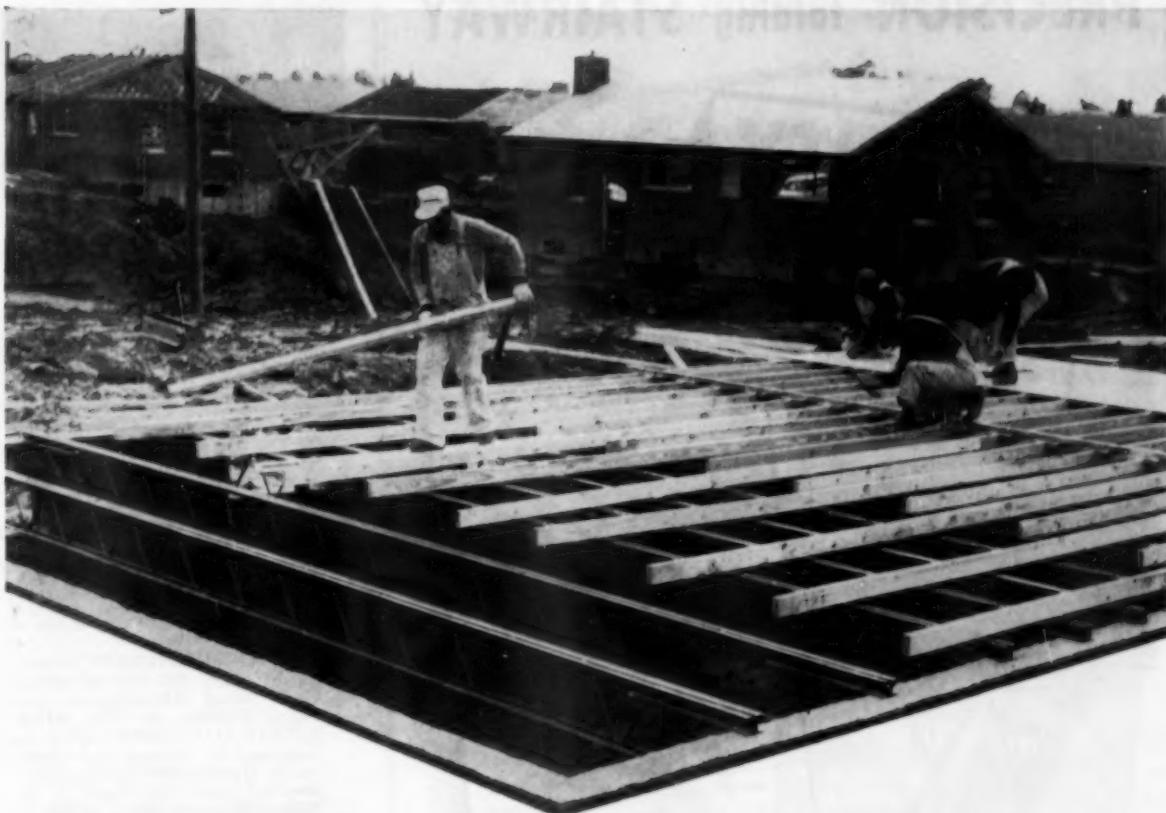
This section considers: a. Difficulties in Obtaining Land for Low-Priced Dwellings; b. Protection of Housing Values; and c. Reutilization of Land.

- (57) **"VALUE CHARACTERISTICS OF LAND AND BUILDINGS"**—Chapter 4 (pages 56-81) of **PRINCIPLES OF URBAN REAL ESTATE** by Arthur M. Weimer and Homer Hoyt; (Revised Edition; First Edition, 1939); published by The Ronald Press Company, New York, N. Y., 1948.—512 pages; price: \$5.00

The "Land" section of this chapter considers: 1. Physical versus Value Characteristics; 2. Land; 3. Location; 4. Size and Shape of the Lot; 5. Topography; 6. Condition of the Soil and Subsoil; 7. Accessibility and Availability of Utilities and Conveniences; and 8. Surveys. [Balance of chapter relates to buildings on the land.]

- (58) **"BASIC STUDIES FOR PLANNING"**—Chapter 4 (pages 59-89) of **LOCAL PLANNING ADMINISTRATION**, Second Edition; published for the Institute for Training in Municipal Administration by The International City Managers' Association, 1313 East 60th Street, Chicago, Illinois, 1948.—337 pages; price: \$7.50

This chapter considers: 1. Principal Elements of Planning Survey; 2. Population Studies; 3. The Economic Base of the Community; 4. Land Use Maps and Surveys; and 5. Other Basic Studies.



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(b) Land Development and Subdivision

(71) "LAND AND ITS DEVELOPMENT"—Chapter IV (pages 59-77) of REAL ESTATE ANALYSIS by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.—576 pages; price: \$6.00

This chapter considers: 1. Summary Statement of Land Supply; 2. Limitation of Land Supply; 3. Highest and Best Use; 4. Alternatives of Use; 5. Centralization and Decentralization; 6. Effects of Decentralization—Business Properties; 7. Decentralization—Residential Areas; 8. Causes of Decentralization; 9. The Incentive Underlying Land Development; 10. The New Subdivision; 11. Large-Scale and Small-Scale Operation; 12. Speculative Fervor; 13. Nature of Recent Price Increases; 14. Earlier Speculation; 15. The Boom in Southern California; 16. The Florida Boom; 17. Appraisal of Booms; 18. Land and the Specific Project; 19. Obtaining and Preparing Land for Building; 20. Cost Analysis; and 21. Land and the Cost of the Entire Property.

(72) "LAND SUBDIVISION"—Chapter 1 (pages 209-219) of Section Five: Land Development and Home Building of THE REAL ESTATE HANDBOOK; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

This chapter considers: 1. F.H.A. Land Planning Division Standards; 2. Demand; 3. Community Amenities; 4. Design; 5. Protection; and 6. Recording. This chapter was prepared by Mr. Gabriel C. Harmon, land planning consultant.

(73) REAL ESTATE SUBDIVISIONS by Stanley L. McMichael; New York, Prentice-Hall, Inc., 1949.—394 pages; price: \$5.75

Includes chapters on: 1. Subdividing in a Changing World; 2. Birth of a Business; 3. Intensive Use of Land; 4. Social Control of Land; 5. Taking advantage of City and Regional Plans; 6. Scientifically Planned Communities; 7. Community Development Problems and Principles; 8. Surveying the Market; 9. Check List for Major Developments; 10. Testing for Public Approval; 11. How to Appraise Acreage for Subdivisions; 12. Financing Problems; 13. Selecting Property to be Subdivided; 14. Signposts of Progress in Subdividing; 15. Adequate Subdivision Design; 16. Problems of the Small Subdivider; 17. F.H.A. Subdivision Requirements; 18. Preparing Property for the Market; 19. Parks and Playgrounds—Cooperating with Nature; 20. Restrictions in Subdivisions; 21. Restrictions—Practical and Legal Aspects; 22. Racial Restrictions; 23. Architectural Control of New Buildings; 24. Subdividing for the Motor Age; 25. Streets, Lots, and Landscaping; 26. Business Centers in Subdivisions; 27. Developing Resort Properties; 28. Subdividing the Air; 29. Contracts and Deeds; 30. Office Records and Installment Payment Policies; 31. Publicity and Advertising; 32. Selling Techniques; and 33. Developing for 100 Years. The work also includes 13 Appendices, such as a list of 750 subdivision names; rules for construing legal description; a table showing, for lots of various sizes, the number of lots per acre; etc.

(74) THE COMMUNITY BUILDERS HANDBOOK—Prepared by the Community Builders' Council of the Urban Land Institute; J. C. Nichols' Memorial Edition, 1950 (First Printing, 1947; First Revised

Printing, 1948); published by Urban Land Institute, 1737 K Street, N. W., Washington 6, D. C., 1950. —213 pages; price: \$12.00

The several Parts and Sections of this work cover the following points: PART I: PRELIMINARY STEPS IN COMMUNITY DEVELOPMENT; a. Market Analysis; b. Technical Planning Service; and c. Selection of Subdivision Site; PART II: PLANNING THE DEVELOPMENT; a. Site Information for Planning; b. Planning the Site; c. Street and Utility Construction; and d. House Planning for Operative Builders; PART III: PROTECTING THE FUTURE OF THE DEVELOPMENT; a. Protective Covenants; b. Maintenance and Homes Associations; c. Maintenance in Apartment Development; and d. Selling the Project; PART IV: PLANNING AND MANAGEMENT OF SHOPPING CENTERS; a. Size and Location; b. Site Planning for Shopping Centers; c. Architectural and Structural Design of Shopping Centers; d. Management and Maintenance; and e. Concluding Statement.

The work also includes nine Appendices (A through I) giving sample covenant forms, etc., 21 illustrations, 32 figures and 6 tables (for example, Relation between cost of lot and house; Estimated Effect of Airport on Land Values, etc.).

(75) HOME BUILDERS MANUAL FOR LAND DEVELOPMENT—Revised edition (1953), prepared under the supervision of Albert Balch, Chairman, NAHB Land Planning Committee, and Leonard G. Haeger, Director, NAHB Research Institute; published by The National Association of Home Builders in the U. S., 1028 Connecticut Avenue N. W., Washington, D. C., 1953.—274 pages; price: \$3.00

Includes chapters on: 1. Selecting Land Suitable for Subdivision; 2. Importance of Good Environment; 3. Planning and Zoning Regulations; 4. Cutting Land Development Costs; 5. Cost Effect of Improper Finish Grading; 6. Comparative Costs in Land Development; 7. Lower Improvement Costs Reduce Price of Homes; 8. Water Systems for Residential Communities; (a) Community Supply systems; (b) Individual supply systems; 9. Sanitary Sewerage Systems; (a) Municipal and community systems; (b) Individual facilities; 10. Trunk Line Utility Easements; 11. Road Design and Construction; 12. Design and Use of Cul-de-Sac; 13. Road and Pavement Types; 14. Appraisal of Residential Street Widths; 15. Improved Pavement at Lower Cost; 16. Mistakes to Avoid in Lot and Street Grading; 17. Advantages of Careful Lot Planning; 18. Location and Grouping of Small Homes; 19. Effect of Ranch Type House on Lot Planning; 20. Making the Most of Thoroughfare Frontage; 21. Handling Streams and Water Frontage; 22. Site Planning for Small Apartments; 23. Parking Facilities for Garden Apartments; 24. The Small Shopping Center; 25. The Neighborhood Shopping Center; 26. Parking for the Small Shopping Center; 27. Proper Church and School Location; 28. Community Recreational Facilities; 29. Tips on Landscaping; 30. Revamping Old Subdivisions; 31. Special Site Planning for Prefabricated Homes; 32. Hillside Development of Single Family Homes; 33. Marinas, A Potential Asset to Home Development; 34. Airports and their Effect on Adjacent Residential Areas; 35. Homes Associations; 36. Protective Covenants; 37. Conserving Materials in Land Development; 38. Overall Conservation Through Careful Planning; 39. Adjusting Lot Widths to the House; 40. Waste Resulting from Excessive Street and Utility Requirements; 41. Subdivision Regulations in Periods of National Emergency; 42. Selected References.

(76) "THE STREET SYSTEM—Chapter 5 (pages 90-119 of LOCAL PLANNING ADMINISTRATION; Second Edition; published for the Institute for Training in Municipal Administration by The International City Managers Association, 1313 E. 60th Street, Chicago Illinois, 1948.—337 pages; price: \$7.50

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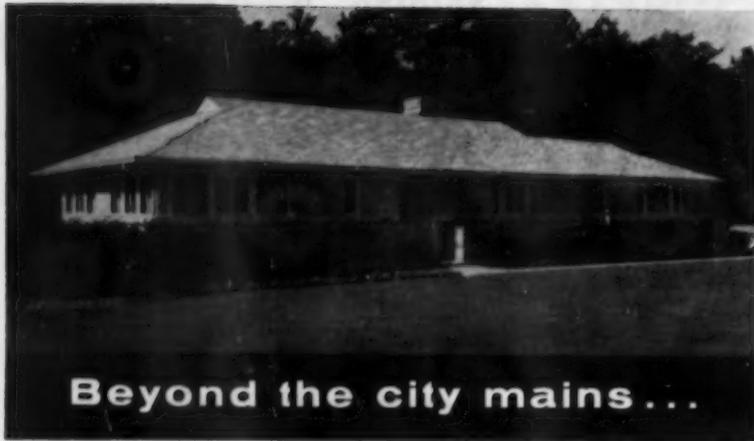
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(77) **BUILDING TRAFFIC SAFETY INTO RESIDENTIAL DEVELOPMENTS** by the Committee on Traffic Features for Residential Developments (Burton W. Marsh, Chairman); published by National Committee for Traffic Safety, 20 North Wacker Drive, Chicago 6, Illinois, with the Cooperation of American Automobile Association, American Municipal Association, American National Red Cross, Association of Casualty & Safety Companies, Automotive Safety Foundation, National Association of Home Builders, National Safety Council, and Urban Land Institute; 1954.—40 pages; price: \$1.00

Includes a consideration of: 1. Location and Design of Development; 2. Design of Local Residential Streets; 3. Design of Feeder Streets; 4. Intersection Design; 5. Sidewalks; 6. Parking in Residential Areas; 7. Alleys; 8. Street Lighting; 9. Curb Cuts for Driveways; 10. Street Name Signs; 11. Shopping Centers; 12. Public Utilities; 13. Parks and Play Areas; 14. Committee List; and 15. Acknowledgments.

(78) **"PUBLIC UTILITIES AND RELATED SERVICE FACILITIES"**—Chapter 6 (pages 120-131) of **LOCAL PLANNING ADMINISTRATION**; Second Edition; published for the Institute for Training in Municipal Administration by The International City Managers' Association, 1313 East 60th Street, Chicago, Illinois, 1948.—337 pages; price: \$7.50

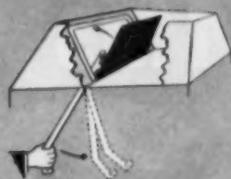
Includes a consideration of: 1. Water Supply Systems; 2. Sewerage Systems; 3. Gas Systems; 4. Central Steam Heating Systems; 5. Utilities Using Wires; 6. Location of Utility Lines; and 7. Related Service Facilities for Collection and Disposal of Wastes other than Sewerage.

(79) **"RECREATION AND PUBLIC OPEN SPACES"**—Chapter 8 (pages 162-178) of **LOCAL PLANNING ADMINISTRATION** Second Edition; published for the Institute for Training in Municipal Administration by The International City Managers' Association, 1313 East 60th Street, Chicago, Illinois, 1948.—337 pages; price: \$7.50

Includes a consideration of: 1. The Nature and Purpose of Recreation; 2. Responsibility of the Community for the Provision of Recreation Opportunities; 3. Recreation Program Agencies; 4. Relationship of Recreation and City Planning Functions; 5. Planning a Comprehensive System of Public Open Spaces for Recreation; 6. Methods of Acquiring Recreation Areas; and 7. Financing the Acquisition, Development, and Operation of Recreation Areas.

(80) **PREMATURE SUBDIVISION AND ITS CONSEQUENCES**; A Study made for the State Planning Council of New York of the premature subdivision for urban purposes of outlying lands in selected metropolitan areas of New York by Philip H. Cornick; published by Institute of Public Administration, Columbia University, New York, N. Y., 1938.—346 pages (Authorized reprint of the official report.); price: \$1.50

Includes a consideration of: 1. Early Subdivision Booms and Their Consequences; 2. The Extent of Premature Subdivision; 3. Premature Subdivision and Arrears of Taxes; 4. Premature Subdivision and Cost of Government; 5. Premature Subdivision and Land Use; 6. Premature



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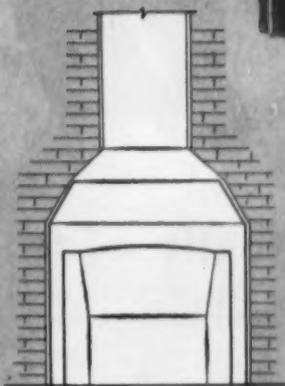
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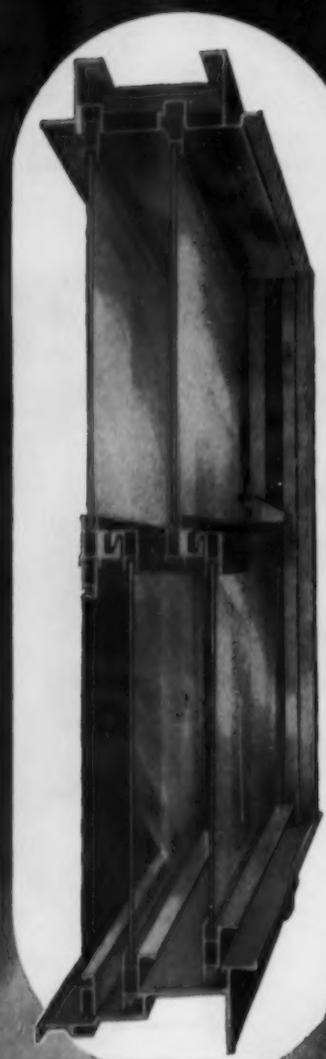
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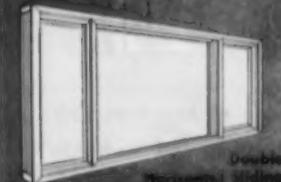
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Subdivision with Respect to Location; 7. Subdivision Control under the Police Power; 8. Subdivision Control Through Limitations on Grants of Power; and 9. Cure and Prevention.

- (81) LAND SUBDIVIDING AND THE RATE OF UTILIZATION—A STUDY OF THE RELATIONSHIP BETWEEN THE RATE AT WHICH URBAN SITES ARE CREATED AND THE RATE AT WHICH THEY ARE ABSORBED INTO USE WITH PARTICULAR REFERENCE TO THE GRAND RAPIDS METROPOLITAN REGION by Ernest M. Fisher and Raymond F. Smith; published by the University of Michigan, School of Business Administration, Bureau of Business Research, Ann Arbor, Michigan, 1932, as Volume IV, No. 5 of Michigan Business Studies.—80 pages; price: \$1.00

Includes a consideration of: 1. Summary and Conclusions; 2. The Problem and its Significance; 3. Data and Sources of Data; 4. The Grand Rapids Metropolitan Region; 5. Location of Subdividing Activities; 6. Location of Building Activities; 7. The Role of Different Use Types; 8. Population Growth, Subdividing, and Lot Utilization; 9. Subdividing and Utilization in Various Areas; 10. Investment Represented by Utilized Lots and Improvements; and 11. Appendix—Tables Supporting Charts Presented in Study.

(c) Neighborhood Planning

- (91) NEIGHBORHOOD STANDARDS—A Series, known as Land Planning Bulletin No. 3; published by the Federal Housing Administration state offices at various dates.

Builders interested in consulting the edition of this land planning bulletin which is applicable to the geographical area in which they operate should communicate with the nearest F.H.A. office.

(d) Trailer Court Development

- (101) RECOMMENDED STANDARDS FOR TRAILER COURTS—Prepared by Division of Plans and Programs and Division of Housing Research, Housing and Home Finance Agency; published by Housing and Home Finance Agency, Washington, D. C., November 1952.—24 pages; price: 15¢. Order copies from Superintendent of Documents U. S. Government Printing Office, Washington, D. C.

This booklet considers: I. FOREWORD (by Ralph R. Kaul); II. DEFINITIONS; III. SITE SELECTION; A. Location; B. Topography; C. Availability of Utilities; D. Necessary Land Area; IV. SITE IMPROVEMENTS; A-1 Site Planning; A-2. Trailer Coach Space Size; B. Spacing of Trailers; C. Roads, Walks and Parking Areas; 1. General Circulation; 2. Servicing; 3. Width of Roads and Parking Areas; 4. Parking Areas; 5. Walks; D. Service Buildings; 1. Location; 2. Construction; 3. Facilities; (a) Plumbing Fixtures; (b) Electrical; (c) Heating; (d) Hot Water; E. Laundry Drying Facilities; F. Refuse Collection; G. Recreational Areas; V. SITE ENGINEERING; A. Slopes of Trailer Spaces, Roads, Parking Areas, Walks and Service Areas; B. Construction of Roads, Parking Areas, Walks, and Service Areas;

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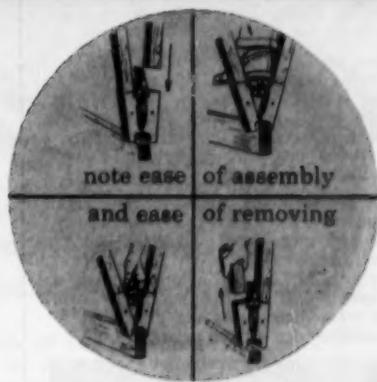
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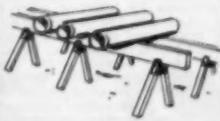
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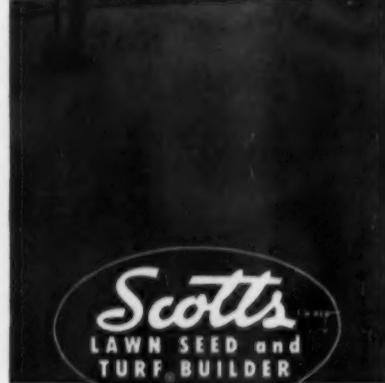
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I. Roads and Parking Areas; VI. SITE UTILITIES; A. Water Supply; 1. Source of Supply; 2. Quality and Quantity; B. Distribution System; C. Water Storage; D. Fire Protection; E. Drinking Fountains; F. Plumbing; G. Sanitary Sewers; 1. General; 2. Sewer Sizing; 3. Sewer Appurtenances; H. Sewage Disposal or Treatment; J. Storm Drains; K. Electricity; K. Fuel; and VII. OTHER FACILITIES.

(e) Land Redevelopment

- (111) THE FUTURE OF CITIES AND URBAN REDEVELOPMENT by Catherine Bauer, Henry S. Churchill, Frank Cliffe, Vernon De Mars, Richard Dewey, Arthur B. Gallion, Victor Jones, Holmes Perkins, William L. Slayton, Robert C. Weinberg, and Coleman Woodbury; edited by Coleman Woodbury; published by The University of Chicago Press, 1953.—764 pages; price: \$9.00. Order copies from The University of Chicago Press, Chicago 37, Illinois.

PART III

(a) Structural Design

- (121) STRENGTH OF HOUSES; APPLICATION OF ENGINEERING PRINCIPLES TO STRUCTURAL DESIGN by Herbert L. Whittemore, John B. Cotter, Ambrose H. Stang, and Vincent B. Phelan. Building Materials and Structures Report BMS 109; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 1, 1948.—132 pages; price: \$1.50. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. ABSTRACT. Strength of houses in the past has been made adequate by patterning them after those which have withstood the test of service conditions. Architects and builders of small structures have followed closely traditional methods handed down from the craftsmen of medieval England. From these traditions, cities have crystallized building codes now enforced under the police power of the community. The trend for the immediate future seems to indicate houses so constructed as to contribute in greater measure to the welfare of the occupants by bringing more of the out-of-doors into the house. Wider windows to give more sunlight and allow stimulating vistas of garden, trees, and flowing water; larger rooms and movable partitions; and walls, floors, and roofs fabricated from plastics and from aluminum and magnesium alloys are some of the improvements anticipated. Library research failed to disclose rational methods for determining the strength of present-day houses and little in that re-

Includes a consideration of: 1. Essays on Re-development Goals, Design, and Strategy; 2. Industrial location and Urban Redevelopment; 3. Urban Redevelopment and the Urbanite; 4. Local Government Organization in Metropolitan Areas; Its Relation to Urban Redevelopment; 5. The Background and Prospects of Urban Redevelopment in the United States; 6. Acknowledgments.

- (112) URBAN REDEVELOPMENT; PROBLEMS AND PRACTICES by Charles S. Ascher, William H. Ludlow, Jack Meltzer, Sheilah Orloff, Ira S. Robbins, William L. Slayton, Allan A. Twichell, and Marian Perry Ankauer; edited by Coleman Woodbury; published by The University of Chicago Press, 1953.—525 pages; price: \$7.50. Order copies from The University of Chicago Press, Chicago 37, Illinois.

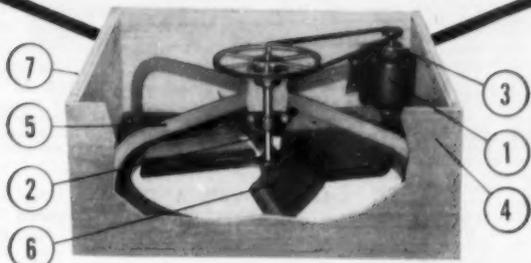
Includes a consideration of: 1. Measuring the Quality of Housing in Planning for Urban Redevelopment; 2. Urban Densities and Their Costs; an Exploration into the Economics of Population Densities and Urban Patterns; 3. Private Covenants in Urban Redevelopment; 4. Urban Redevelopment Short of Clearance; Rehabilitation, Reconditioning, Conservation and Code Enforcement in Local Programs; 5. Relation of Families Displaced in Urban Redevelopment; 6. Eminent Domain in Redevelopment Programs; 7. Acknowledgments.

Planning and Design

spect that could be applied to house design for the future. This report is an attempt to apply engineering methods to the design of houses for strength. Fundamental data for wind, snow, and floor loads have been reviewed and convenient methods developed for computing applied loads. The engineering approach to strength of houses described in this report, it is thought, will open the way for designers to introduce unconventional materials and unusual methods of fabrication by determining in the laboratory whether constructions have the necessary strengths, thus greatly shortening the time required to develop and obtain acceptance of new constructions for houses. Some approach along rational lines is necessary if houses are to benefit from the fund of technical information now available on materials and methods of manufacture being utilized for other commodities. It is time that the strength of houses be given careful engineering scrutiny—not because houses need be stronger, for few fail—but to judge how much material is superfluous. Material is costly as is the labor required to shape and fit it into place. Hence this report describes and illustrates methods for designing small houses to have adequate strength without waste of material. For each element of a house, compressive, transverse, and racking loads were computed by the accepted principles of mechanics for typical one- and two-story frame houses in several locations representative of extreme wind and snow loads in the United States. Allowable loads for the 100 wall, partition, floor, and roof constructions included in the "structural properties" Building Materials and Structures Reports are compared with design loads for two houses in three locations. The comparison shows that some had insufficient strength, while others were much stronger than is necessary. The application of engineering principles to the design of houses presents a complete and logical method for determining allowable loads for walls, floors, and roofs, and makes it practicable to develop house constructions that have sufficient strength and require the least amount of material.

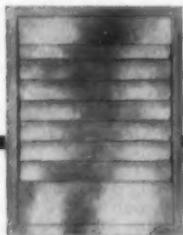
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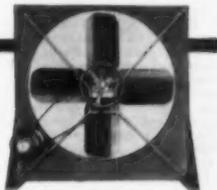


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(122) "DESIGN FOR LIVABILITY" by Bernard Wagner. In (H.H.F.A.) *Technical Bulletin No. 15*, issued in September 1950, pages 1-10; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price 20¢. This article alone is available for 15¢ as HHFA Technical Reprint No. 12. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Orientation—Which Way?; 3. Four Orientation Conditions; (a) Plan A: Street extends East-West; approach to lot and house from the South; (b) Plan B: Street extends East-West; approach to lot and house from the North; (c) Plan C: Street extends North-South; approach to lot and house from the East; (d) Plan D: Street extends North-South; approach to lot and house from the West; 4. Practical Application of Principles.

ABSTRACT: This article is illustrated with four figures, four plans, and a subdivision layout. The space diagrams shown (some of which appeared in HHFA Technical Bulletin No. 2, January 1948) present a method of graphically summarizing some of the more important problems which should be considered before starting to plan.

(123) PLANNING THE EXPANSIBLE HOUSE: 6 SCHEMES FOR HOUSES THAT GROW—Prepared by the staff of the National Housing Agency; published by the Housing and Home Finance Agency, Technical Office, Washington, D. C., August 1947.—30 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT: A planning guide for expandable houses presenting schematic plans which will provide all essential living facilities for a small family now, and that can be logically expanded as family needs grow. This guide was prepared in response to widespread interest among veterans for a guide of this sort. Houses that expand by completing an unfinished attic or by adding a bedroom are well known. Present-day building prices, however, have stimulated interest in applying the expandable idea to other kinds of houses. Planning a one-bedroom house that can be extended to meet the increasing needs of a family is an enterprise that requires forethought, the best possible assistance in design, consideration of the house's place in the community and the regulations that may apply to it, and a careful study of financing problems. This booklet aims to stimulate interest in the expandable house idea, and to give a general non-technical introduction to this aspect of home building.

(124) "GREATER LIVABILITY AT SMALL ADDITIONAL COST"—Author not named. In (H.H.F.A.) *Technical Bulletin No. 16*, issued in November 1950; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. This article alone is available for 15¢ as H.H.F.A. Technical Reprint No. 13. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of five different arrangement schemes, with a discussion of the advantages of the improved layout for each scheme.

ABSTRACT: The smaller differences in the costs of typical and improved designs compared with the differences in space are due to the fact that the changes in size do not require any more windows, doors, stairs, bath, kitchen, plumbing, heating and electrical equipment, nor any great increase in installation costs. Practically the only changes that occur are the added quantities of the framing and finish items. In order to demonstrate

this and to compare the increases in cost with those in livability, comparative analyses have been made of five dwelling designs that are frequently used in various row, terrace or garden apartment developments.

(125) STANDARDS FOR HEALTHFUL HOUSING: PLANNING THE HOME FOR OCCUPANCY by the American Public Health Association, Committee on the Hygiene of Housing; published by Public Administration Service, 1950.—56 pages; price: \$2.50. Order copies from Public Administration Service, 1313 East Sixtieth Street, Chicago 37, Illinois.

Includes a consideration of: 1. The Problems of Home Planning; (a) Health implications of adequate dwelling space; (b) Basis of dwelling space standards; (c) Applicability of standards; (d) Trends in population and family characteristics; (e) Changing pattern of living; (f) The need for flexibility; 2. Provision of Adequate Dwelling Space; (a) Adequacy of dwelling space; (b) A dwelling unit for each family; (c) Provision for household activities; (d) Provision for suitable conditions of temperature and light; (e) Provision for sanitation and health; (f) Provision for protection against accidents; (g) Provision for privacy and personal satisfaction; 3. Basic Functional Space Needs; (a) Space for Living; (b) The problems of storage; (c) Criteria of Adequacy; (d) Space for sleeping and dressing; (e) Space for personal cleanliness and sanitation; (f) Space for Food Preparation and Preservation; (g) Space for serving food and dining; (h) Space for family recreation and self-improvement; (i) Space for extra-familial association; (j) Space for housekeeping activities; (k) Space for infant care or care of the sick; (l) Space for circulation between various areas of the dwelling; (m) Space for operation of utilities; (n) Total space for the dwelling; 4. Development of Space Within the Dwelling; (a) Allotment of Functional Space to Specific Rooms; (b) Storage; (c) Ceiling heights; 5. Relationship of Rooms to Each Other and to the External Environment; (a) Interrelation of the various rooms of the dwelling; (b) Protection against noise and invasions of privacy; (c) Importance of natural illumination; (d) Importance of cross and through ventilation; (e) Provisions for egress; (f) Relations to the external environment; (g) Advantages and disadvantages of various dwelling types.

(126) SPACE AND EQUIPMENT FOR RENTAL HOUSING—Prepared and published by Federal Housing Administration, Washington, D. C., 1950.—40 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Kitchens; (a) Basic kitchen equipment; (b) Kitchen plans; (c) Comparative analysis of kitchen plans; 2. Dining Spaces; (a) Dining space plans; (b) Comparative analysis of dining space plans; 3. Bathrooms; (a) Dimensions of bathroom fixtures commonly used in rental housing; (b) Bathroom plans; (c) Faults in location of bathroom fixtures and accessories; (d) Comparative analysis of bathroom plans; (e) Bathroom considerations; (f) Miscellaneous; 4. Public Stairs; (a) Inside and outside main public stairs; (b) Double-run stairs; (c) Single-run stairs; (d) Service stairs; (e) Comparative analysis of public stairs; 5. Parking and Garages; (a) Street and compound parking; (b) Parking in basements; (f) Parking with columns; (ii) Parking without columns; 6. Small Urban Lots.

(127) "ECONOMIES OF ROW HOUSES FOR RENTAL PROPERTIES" by Bernard Wagner; in *Technical Bulletin No. 14*, pages 1-14; published May-July 1950 by the Housing and Home Finance Agency, Division of Housing Research Agency, Washington, D. C.; price: 20¢. This paper alone is available for 15¢ as H.H.F.A. Technical Reprint No. 10. Order copies from Superintendent of Documents,

U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. The Two-Story Row House; (a) Cost-Saving Methods; (b) Basic row-house types; (i) Private garden; (ii) Public access; (iii) The 20-foot row house; (iv) The 25-foot row house; (v) The 30-foot row house; (vi) Living habits; (vii) Plot plan; 2. The One-Story Row House. ABSTRACT: This study presents a series of one- and two-story designs developed for economical site fabrication and prefabrication. Several combinations of readily available materials and construction methods are possible.

(128) ROOF GUTTERS (Construction Aid 2)—Prepared by the HHFA Division of Housing Research; published by the Housing and Home Finance Agency; Division of Housing Research, Washington, D. C.,—June 1952.—11 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT: A guide to the use of alternate materials to conserve critical metals and reduce costs in roof gutter construction. Several methods for handling roof drainage are shown.

(129) HOUSE AND SITE UNITED (Construction Aid 3)—Prepared by the HHFA Division of Housing Research; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.—June 1952.—27 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Topography; (a) Preserve the natural contours of the land; (b) Economical excavation; (c) Drainage pointers; 2. Put the Right House on the Lot; (a) Use a topographical survey and a site plan; (b) Should there be a basement?; (c) Select the right house type—it's generally more economical; (d) Dos and don'ts; 3. Orientation for Sun and Wind; (a) Cooperate with nature and benefit from it—Disregard it and suffer the consequences!; (b) Use these facts in orienting house and lot; 4. Use All of the Lot; (a) Divide the lot into three outdoor areas; (b) Wasted land is wasted money; (c) Overcome the sharp demarcation between indoors and outdoors; 5. Privacy for Eye and Ear; (a) Why is it needed?; (b) How do we get privacy?; 6. Outlook; (a) Capitalize on the good view—Screen out the bad; 7. Site Utilities (a) Some good practice tips; 8. Landscaping; (a) Save and use existing trees and large plants; (b) Topsoil is valuable—store it during construction; (c) Use a planting scheme and make it simple; 9. To Sum it Up.

(130) "CHIMNEY LOCATION"—(a) Part 1, in *Housing Research* for October 1952, pages 57-58; (b) Part 2, in *Housing Research* for March 1953, pages 59-60; author not named; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢ per issue. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

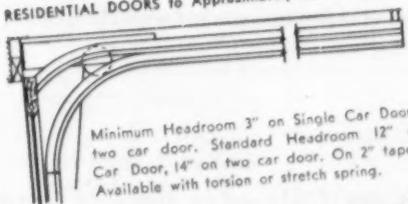
Brief suggestions, illustrated by diagrams, intended as a practical money and materials saver for the home builder.

(131) "SAVING COPPER IN HOUSE WIRING"—(a) Part 1: "Service Entrance Cable," in *Housing Research* for October 1952, page 59; (b) Part 2: "Fixed Appliance Circuits," in *Housing Research* for March 1953, pages 61-62; author not named; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C. Price: 30¢ per issue. Order copies from Superintendent of Documents,

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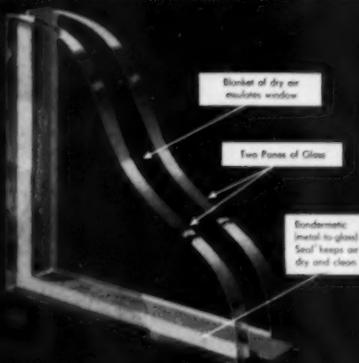


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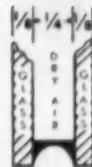
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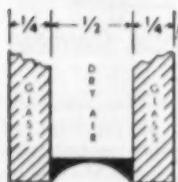
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Brief suggestions, illustrated by diagrams, intended as practical money and materials savers for the home builder.

- (132) DESIGN DATA FOR SOME REINFORCED LIGHTWEIGHT AGGREGATE CONCRETES by Robert C. Reichel, Structural Engineer, Division of Housing Research, Housing and Home Finance Agency. The investigations on which this report is based were performed in the laboratories of the National Bureau of Standards, U. S. Department of Commerce, by William C. Green and D. Watstein, under the general direction of Douglas E. Parsons, Chief of Building Technology at the Bureau; published by the Housing and Home Finance Agency, Division of Housing Research, in October 1953, as its "Housing Research Paper No. 26."—19 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Description of Test Specimens; (a) description of Materials; (b) Preparation and Proportioning of Aggregates; (c) Mixing Procedure; (d) Casting of Test Specimens; (e) Curing of Test Specimens; 3. Description of Tests; (a) Compressive strength; (b) Flexural strength; (c) Shearing strength; (d) Bond strength; (e) Modulus of elasticity; (f) Drying shrinkage; (g) Thermal conductivity; 4. Results and Observations; 5. Discussion; and 6. Conclusions and Recommendations.

ABSTRACT. This report is based on one of a series of investigations aimed at improving the quality and economy of construction utilizing lightweight aggregate concretes. It is limited to reinforced relatively low-strength mixes (below 2,000 p.s.i.) used monolithically in a structure as distinguished from masonry units. Coordinated factual data are presented on the structural and physical properties of nine mixes for each of three types of aggregates used. The significance of these data for practical applications is summarized, permitting an evaluation of the suitability of these concretes for any specific structural use. The investigation was sponsored by the Housing and Home Finance Agency under a research contract.

- (133) "WILL SCIENCE PLAN THE HOME OF TOMORROW?" by George A. Speer, in *Housing Research*, Spring 1952, pages 39-45; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Study of Existing Information; 2. Family Preferences; 3. Most Wanted House; 4. The "Space Use Laboratory" in Action; 5. Size and Location of Rooms Vary; and 6. Conclusions.

ABSTRACT. Under an HHFA research project, a most unusual "space use laboratory" has been devised at the Small Homes Council, University of Illinois. It will evaluate the effect of residential space arrangement upon living habits. This article discusses the results of careful research into expressed preferences of families included in many housing surveys since 1936, and then describes how this information will be used in the "space use laboratory." If the experiment is successful it will develop a technique for truly scientific space planning which may pay big dividends in conservation of materials and manpower during an emergency. The article is illustrated by five photographs.

- (134) STANDARDS FOR HEALTHFUL HOUSING: CONSTRUCTION AND EQUIPMENT OF THE HOME by the American Pub-

lic Health Association, Committee on the Hygiene of Housing; published by Public Administration Service, 1951.—77 pages; price: \$2.50. Order copies from Public Administration Service, 1313 East Sixtieth Street, Chicago 37, Illinois.

Includes a consideration of: 1. The Structural Framework of the Dwelling; (a) Housing and health; (b) Dollar values and human values; (c) The dwelling and its environment; (d) The structural shell of the house; (e) The walls and roof; (f) The influence of window design and orientation; (g) The Committee's approach to the problem; 2. Problems of Heating and Ventilation; (a) Objectives of air conditioning in the home; (b) Physiological relations of man to his thermal environment; (c) Standard thermal conditions for comfort in the home; (d) Site planning in relation to thermal conditions in the home; (e) Relations of building construction to thermal conditions in the home; (f) Available types of equipment for winter heating; (g) Health characteristics of various methods of heating the home; (h) The problems of summer air conditioning; 3. Provision of Adequate Illumination; (a) The purposes of illumination; (b) The physiology of vision; (c) Standards for adequate illumination; (d) Natural light; (e) Artificial illumination; 4. Control of Noise; (a) Purposes of noise control; (b) General aspects of the noise problem; (c) The establishment of rational criteria; (d) Methods of noise control; 5. Provisions for Sanitation in the Home; (a) The problems involved; (b) Provision for cleanliness within the dwelling; (c) Provision of hot water; (d) Standards for the plumbing system where water carriage is available; (e) Disposal of excrete where no supply of water under pressure is available; (f) Exclusion of vermin from the dwelling; (g) Disposal of garbage; (h) Storage and refrigeration of food; 6. Equipment Essential for Good Housekeeping; (a) Scope of the chapter; (b) Food handling equipment; (c) Home laundering facilities; 7. Safety in the Home; (a) Extent and nature of the problem; (b) General structural safety; (c) Protection against fire hazards; (d) Stairways; (e) The problem of flooring; (f) Windows and doors; (g) Electrical equipment; (h) Protection against gas poisoning; (i) Safety in the kitchen; (j) Safety in the bathroom; (k) Adequate storage as a safety factor; (l) Problems of outdoor safety; (m) Provision of safe play areas; 8. The Development of Legal and Administrative Standards for Dwelling Construction; (a) Principles of regulation in American municipal and administrative law; (b) The regulation of building construction; (c) Defects in our present system of regulation; (d) Specification codes and performance codes; and (e) Essential conditions for the operation of a performance code. NOTE: The work also contains the following Tables and Figures: TABLES: 1. Heat interchange between the human body and its environment; 2. Levels of illumination for the home; 3. Available daylight illumination from whole clear sky in the U. S.; 4. Requirements for providing various levels of illumination; 5. Comparison of luminaire types; 6. Effect of decoration on the efficiency of artificial lighting; 7. Suggested electrical outlets for residences; 8. Comparative brilliance of light sources; 9. Guide to portable lamps and bulb sizes; 10. The recommended noise standards for housing sites; 11. The recommended noise isolation standards for construction; 12. The proposed standards for sound absorbing finishes and furnishings. FIGURES: 1. Control of light in the visual field; 2. Distribution of light in the visual field; 3. Brightness contrasts in the visual field; 4. Sound level scale in decibels; 5. Sound levels of vehicular traffic in decibels; 6. Variations in sound levels of vehicular traffic in decibels; 7. Average background sound levels in decibels; 8. Qualitative zones of relative comfort in residential rooms; and 9. Average transmission loss for typical wall and floor constructions.

- (135) LIVE LOADS ON FLOORS IN BUILDINGS by John W. Dunham, Guttorm N. Brekke, and George N. Thompson; Building Materials and Structures Report BMS 133; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued December 19, 1952.—27

pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Information is presented on floor loads found in various occupancies such as office buildings, stores, factories, and warehouses. Most of this consists of the results of a recent survey in which the weight and distribution of goods, equipment, and occupants were obtained floor by floor and area by area. Such data are needed as a check on permissible minimum live loads in building codes and as a basis for design of buildings. Although there are indications in the survey that building codes may see higher figures than are warranted for certain occupancies, the amount of information available is still too small to justify firm conclusions. A method of reducing the assumed value for live load on structural members supporting large floor areas is described. Supplementary investigations of floor loading are recommended to clear up questions that have arisen in connection with the survey. Variations in loading within the same occupancy are shown. It has been found possible to increase allowable stresses for some building materials as a result of better quality control and increased knowledge of strength characteristics. However, loads and stresses are so intimately associated that good information on loads is essential in order to realize the full advantage of economical design and to conserve scarce materials. It is believed that the data presented in this report (covering several occupancies about which detailed information had hitherto been lacking) will assist in accomplishing these objectives.

- (137) TIME SAVER STANDARDS: A MANUAL OF ESSENTIAL ARCHITECTURAL DATA FOR ARCHITECTS, ENGINEERS, DRAFTSMEN, BUILDERS, AND OTHER TECHNICIANS; revised edition of an Architectural Record Book first published in 1946; published by the F. W. Dodge Corporation, New York, N. Y., 1950.—884 pages; price: \$12.50. Order copies from F. W. Dodge Corporation, 119 West 40th Street, New York, N. Y.

ABSTRACT. Time Saver Standards was first introduced in 1935 as a feature of the magazine AMERICAN ARCHITECT. When AMERICAN ARCHITECT was merged with ARCHITECTURAL RECORD, the series was continued as a regular monthly section. From the beginning the concept of presenting carefully edited reference data in condensed graphic style was retained. The material was brought together and published in 1946 as a 635 page work. The present (1950) edition contains an additional 163 pages of standards published after the appearance of the original edition. The attempt has been made in this enlarged volume to present most of the essential information for drafting, design, and specification writing. The work contains hundreds of detailed illustrations and a 12-page subject index.

- (138) PRACTICAL HOUSES FOR CONTEMPORARY LIVING by Jean Graf and Don Graf; published by F. W. Dodge Corporation, New York, N. Y., 1953.—174 pages; price \$6.95. Order copies from F. W. Dodge Corporation, 119 West 40th Street, New York 18, N. Y., or from your book dealer.

ABSTRACT. This is a book about personal desires and the houses that satisfy them. It presents 40 successful houses and the stories behind them—how their owners conceived them and how they collaborated with their architects in realizing their plans.

- (139) 82 DISTINCTIVE HOUSES FROM ARCHITECTURAL RECORD; a compilation of the work of many architects, designers and photographers; published by F. W. Dodge Corporation, New York, N. Y., 1952.—437 pages; price: \$6.75. Order copies from F. W.

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ABSTRACT. This richly illustrated work (over 1,000 drawings and photographs) presents 82 houses carefully selected from the pages of *Architectural Record* since 1945 (most of them since 1949). They provide a cross-section of some of the best original houses recently built in the United States. The final part of the work includes 82 pages of pertinent Time Saver Standards material. The work is not organized by types of structures or by geographic regions, and there is no index. It should nevertheless provide stimulation to architects, builders, and interior decorators in search of ideas.

- (140) **PLANK-AND-BEAM SYSTEM FOR RESIDENTIAL CONSTRUCTION;** prepared by the staff of the Division of Housing Research, Housing and Home Finance Agency; published by the Division of Housing Research, Housing and Home Finance Agency, Washington, D. C., 1953.—80 pages; price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. A Guide and design manual for the application of the plank-and-beam system for the construction of floors and roofs in the modern house for a better product at lower cost. Included is an engineering design manual outlining the principles involved, together with tables and graphs for the design and selection of members, and a discussion of controlling condensation. Alan Winthrop was project engineer. The illustrations were prepared by William W. McMaster.

- (145) **LANDSCAPE FOR LIVING** by Garrett Eckbo; an *Architectural Record Book*; published by F. W. Dodge Corporation, with Duell, Sloan, & Pearce, Inc., 1950.—262 pages; price: \$10.00. Order copies from F. W. Dodge Corporation, 119 West 40th Street, New York 18, N. Y., from Duell, Sloan, & Pearce, Inc., 124 East 30th Street, New York 16, N. Y., or from your book dealer.

ABSTRACT. Landscaping as an integral part of architectural design is discussed and illustrated by over 400 photographs and drawings showing how to achieve both beauty and utility in landscape design. The work embodies suggestions by Robert Royston and Edward Williams of the firm of Eckbo, Royston and Williams, Planning Consultants and Landscape Architects, Los Angeles and San Francisco, California, and others. The eight-page bibliography was prepared under the supervision of Katherine McNamara.

- (151) **"REGIONAL DESIGN CHARACTERISTICS OF NEW HOUSES"** by E. Everett Ashley, 3d, and George R. Kinzie; in *Housing Research*, October 1952, pages 29-33; published by Housing and Home Finance Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Climate, zoning ordinances, and local custom all play their part in influencing design characteristics of our housing. Hence, despite the uniformity of much of our building materials and equipment throughout the country, very definite regional differences exist in the types and character of houses which are built from them. This article points up some of the findings of HHFA's Housing Materials Use Survey. It includes a consideration of: 1. Source of Data; 2. General Housing Characteristics; (The following break-down is given for each of five regions: (a) Number of rooms; (b) Basements; (c) Roofs; (d) Porches and Terraces; (e) Garages and Carports; (f) Window and door screens; and (for the Southern States) (g) Termite protection;



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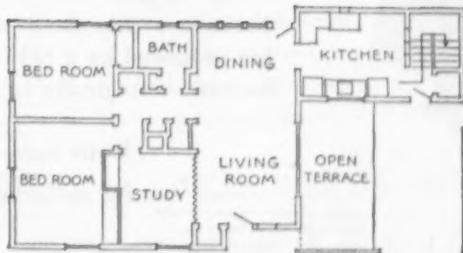
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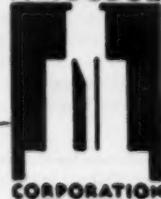
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and 3. Regional Differences in Installed Equipment.

NOTE: For a description of the above survey and certain over-all statistics developed from it, see the article "Surveying Materials Used in House Construction" by Max Lipowitz and Winfield Best, in *Housing Research*, Fall 1951, which is cited in the present reading list as item (153). See also item (751) "The Materials Use Survey—a Study of the National and Regional Characteristics of One-Family Dwellings Built in the United States in the First Half of 1950" by E. Everett Ashley, 3d, Philip A. Randall, George R. Kinzie, and Robert L. Streititz.

- (152) "REGIONAL PATTERNS OF MATERIALS USED IN NEW HOUSES" by George R. Kinzie; in *Housing Research*, Winter 1951-1952, pages 31-36; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Water Systems; 2. Roof Covering; 3. Interior Wall and Ceiling Finish; 4. Kitchen Cabinets; 5. Heating Equipment; 6. Gutters and Downspouts; 7. Screening Material; 8. Ceiling Insulation; 9. Interior Wiring; and 10. Design Characteristics.

ABSTRACT. To what extent are asphalt shingles used in recently-built houses, and in what parts of the country are they used most? How about regional variations in materials used for roof gutters, screening, water systems, and other house-construction elements—especially those involving scarce metals? Facts answering these questions are useful to materials and equipment manufacturers, dealers, and home builders, as well as to government officials concerned with materials requirements for housing during an emergency. In this article these facts have been selected from results of the HHFA Housing Materials Use Survey.

- (153) "SURVEYING MATERIALS USED IN HOUSE CONSTRUCTION" by Winfield Best and Max Lipowitz; in *Housing Research*, Fall 1951, pages 35-40; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Sketch of Selected Initial Results; (a) Fuel used for heating new houses; (b) Materials used for house water piping; (c) One-story vs. two-story houses; (d) Basements vs. no basements; (e) Number of rooms per house; (f) Floor area per house; 3. Technical Note—Planning and Processing the Survey; (a) Planning the survey; (b) Development of sample; (c) Adjustments to the FHA sample.

ABSTRACT. The HHFA Materials Use Survey described here is the first of its kind ever attempted on a comprehensive basis to permit computations of all materials used in all United States single-family detached houses built during a certain period. The results are already being used to calculate future housing materials requirements. Planning and development of the survey was handled by the Economics and Technology Branches of the HHFA Division of Housing Research. Mr. Lipowitz and Philip Randall were HHFA staff technicians for the survey.

- (161) "WATER-DISTRIBUTING SYSTEMS FOR BUILDINGS" by Roy B. Hunter; Building Materials and Structures Report BMS 79; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued November 5, 1941.—25 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This report gives information relating to the selection of pipe sizes and design of distributing systems

for adequate supply of water in buildings. It contains flow charts showing the capacities of different commercial sizes of pipe in terms of friction loss in head for four degrees of roughness, depending on the pipe material and the character of water with which the pipe is used. A practical procedure is developed for the economical selection of pipe sizes for the different demands for each part, depending on the estimated demand and on the pressure available for friction loss as computed for particular service conditions. Suggested variations in the procedure provide convenient means of allowing for decrease in capacities of pipes in service. One of the difficult design problems involved in the economical construction of water-supply systems in buildings is the selection of the smallest sizes of pipes for the various parts of the system that will assure an adequate supply of water at all outlets in the building under particular service conditions, such as the available service pressure and difference in elevation between the source of supply and the fixtures. The most difficult aspect of the problem arises from the fact that it is not sufficient to provide for an adequate supply when the pipes are new, but that a suitable allowance must be made for the decrease in capacity caused by the deterioration of the interior surface of the pipes with age. This involves the choice of materials for the pipes which will be best adapted to the characteristics of the particular water that will be used.

NOTE: An earlier report BMS 65 (item 241 of this reading list) gives a method of estimating water demand loads, based on the number and kind of fixtures installed in the plumbing system.

- (162) "WATER FLOW RATES IN PIPING" by Fred W. McGhan; in (I.H.F.A.) *Technical Bulletin No. 16*, issued in November 1950, pages 17-19; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This article is intended as a brief introduction to the use of the terms "fixture unit" and "fixture unit rating."

- (171) "SNOW LOAD STUDIES" by U. S. Weather Bureau specialists, etc. (See below); published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., May 1952, as "Housing Research Paper No. 19."—19 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. General Approach; 2. Snow Pack Characteristics; 3. Maximum Snow Pack Weight; 4. Limits of Accuracy; 5. Design Load; 6. Frequency Analysis; 7. Failure Load; 8. Maximum Probable Snowstorm; 9. Interpretation of Results; 10. Flat Roofs; 11. Sloping Roofs; 12. Vertical, Wind, and Earthquake Combinations; 13. Appendix A: Controlling Snowstorms; 14. Appendix B: References.

ABSTRACT. This paper presents a research study on snow loads, a subject on which only limited factual data have heretofore been available to those responsible for establishing safe design loads for buildings.

- (172) "SNOW LOAD STUDIES" by William A. Russell; in *Housing Research*, Spring 1952, pages 53-57; published by the Housing and Home Finance Agency Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.,

Includes a consideration of: 1. Introduction; 2. General Approach; 3. Design Load; 4. Frequency Analysis; 5. Failure Load; 6. Interpretation of Results; 7. Suggested Design Loads; 8. Vertical, Wind, and Earthquake Combinations; 9. Sloping Roofs; and 10. Acknowledgments.

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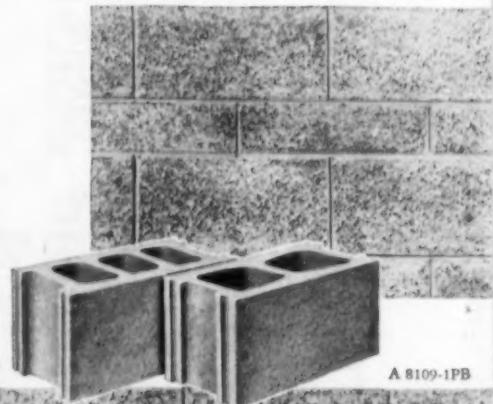
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ABSTRACT. This article, illustrated by figures and tables, presents a brief summary of a research study on snow loads, a subject on which only limited factual data have heretofore been available to those responsible for establishing safe design loads for buildings. The study was made by many able specialists of the Weather Bureau, U. S. Department of Commerce, under a research project, sponsored by the Housing and Home Finance Agency. A detailed report of this study, together with a suggested interpretation of results, is contained in *Housing Research Paper No. 19*, for which see item (171) of this reading list.

(b) Climate, Humidity and Insulation

- (181) CLIMATE AND ARCHITECTURE: SELECTED REFERENCES—A bibliography prepared (in the Library of the Office of the Administrator, Housing and Home Finance Agency) by Miss Marie C. Abbruzzese, under the general supervision of Mrs. Ruth L. Mace, Librarian; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., March 1951.—20 pages; price: not stated. Order copies from the Housing and Home Finance Agency, Washington, D. C.

Includes a consideration of: 1. Climate Control Projects; (a) House Beautiful magazine (items 1-42); (b) Bulletin of the American Institute of Architects (items 43-53); 2. Background in Science; (a) Climatology (items 54-59); (b) Microclimatology (items 60-63); (c) Weather Data (items 64-72); (d) Effect of Climate on man (items 73-80); 3. Designing with Climate; (a) Theory (items 81-89); (b) Practice (items 90-141, covering the following 16 States: Arizona, California, Colorado, Connecticut, Florida, Illinois, Kansas, Maine, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Texas, Washington, and Wisconsin); 4. Research and Experiment; (a) The winter sun (items 142-148); (b) The summer sun (items 149-163); (c) Ventilation (items 164-171); and (d) Wind (items 172-175); and 5. Index.

ABSTRACT. A comprehensive bibliography of 175 articles and other published works dealing with various phases of climate and architecture appearing in magazines, papers, periodicals, and books, domestic and foreign. One section is devoted to the Climate Control Project of the "House Beautiful" magazine, with a chronological list of the nontechnical articles in that periodical, and a supplement to this group of technical reports issued by the American Institute of Architects. It was prepared for the HHFA Division of Housing Research by the Library, Office of the Administrator, HHFA.

- (182) CLIMATE AND ARCHITECTURE by Jeffrey Ellis Aronin; published by Reinhold Publishing Corporation, 330 West 42nd Street, New York 36, N. Y., 1953—304 pages; price: \$12.50.

ABSTRACT. This work presents a new approach to the old problem of designing buildings that are in harmony with the climate. The elements of climate are fully described and the limitations imposed by the climate are discussed. The author has gathered together the latest pertinent and helpful information, including charts and graphs, from widely-scattered sources and has augmented this information with his own findings. The physics of the influences of the sun, temperature, wind, precipitation, lighting, and humidity upon architecture, as well as their beneficial and disadvantageous effects under given conditions, are covered. The author also discusses the control of these effects through the orientation of buildings, site and town

planning, and the use of such devices as brise-soleil, trees, windbreaks, and snow fences. The work contains 55 tables and over 300 illustrations, maps, etc. It also suggests solutions to such problems as site selection, how to avoid snow-shovelling chores, how to keep a dry basement and a dry area around the house, how to install lightning rods, how to sleep comfortably on hot summer nights, and how to plant the best trees and vines for comfort, protection and beauty. The author is a graduate of Hamilton College and McGill University and an observer of the Canadian Army's Exercise Muskox (1946).

- (183) APPLICATION OF CLIMATIC DATA TO HOUSE DESIGN by Victor and Aladar Olgay, Thomas F. Malone, and Don C. Friedman, with the assistance of Peter Kowalski and Jay G. Fleishman. The work was administratively supervised by Burnham Kelly, Director of the Bemis Foundation, and technically guided by the Advisory Committee of the Massachusetts Institute of Technology, consisting of Professors Lawrence B. Anderson, Albert C. H. Dietz, Hoyt C. Hottel, Henry C. Houghton, Burnham Kelly, and Parry Moore, and of Richard W. Hamilton, research associate at the Bemis Foundation. The work was sponsored by the Housing and Home Finance Agency, Division of Housing Research, of which Joseph H. Orendorff is Director, and Bernard Wagner was project technician; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., in June 1953.—30 pages, plus folding chart.

Includes a consideration of: 1. Introduction; 2. Summary of Project Work; 3. Appendix Report No. 1; 4. Appendix Report No. 2; 5. Appendix Report No. 3; 6. Appendix Report No. 4; 7. Appendix Report No. 5; 8. Appendix Report No. 6; 9. Suggestions for Future Research; 10. Bioclimatic Chart for U. S. Temperate Zone Inhabitants (a folded insert); and 11. Additional Charts and Diagrams (14 pages).

- (184) PHYSIOLOGICAL OBJECTIVES IN HOT WEATHER HOUSING: AN INTRODUCTION TO THE PRINCIPLES OF HOT WEATHER HOUSING DESIGN by Dr. Douglas H. K. Lee; published by the Housing and Home Finance Agency, Office of the Administrator, International Housing Activities Staff, Washington, D. C., June 1953.—79 pages; price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. The purpose of this booklet is to present those principles the observance of which it is believed would minimize the direct effects of hot environments upon man, insofar as housing and shelter can do this. The study and report were undertaken at the suggestion of the International Housing Activities Staff (Jacob L. Crane, Director) of the Housing and Home Finance Agency, in order to provide a simple description of the basic physiological principles which should be observed in the design and planning of housing for hot climates. It is intended for use in connection with shelter improvement work in underdeveloped countries which are participating in the Technical Cooperation Program. The report was prepared by Dr. Lee (Professor of Physiological Climatology at the Johns Hopkins University) under a contract with the United States Government, Department of State, Technical Cooperation Administration, Institute of Inter-American Affairs.

- (192) "HUMIDITY CONDITIONS IN MODERN HOUSES" by Robert C. Reichel; in *Housing Research*, October 1953, pages 9-20; published by the Housing and Home Finance

Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Summary of Background Principles; (a) Behavior of humidity; 3. Technical Tests and Findings; (a) Humidities in houses; (b) Effect of humidity on wood-frame walls; 4. Summary and Conclusions—Application of the Findings; (a) Reduction of sources of moisture; (b) Ventilation of the interior; (c) Vapor barrier application; (d) Ventilation of cold spaces to the exterior; and (e) Suggested reading list.

- (193) MOISTURE MIGRATION IN THE GROUND by William A. Russell; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., as Housing Research Paper 28, in April 1954.—13 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

ABSTRACT. This paper reviews current theory and existing knowledge on the subject of migration of moisture from the ground, and reports recent research studies on this subject. The control of moisture originating in the ground beneath buildings has become more important because of the trend to concrete slab-on-ground floor construction, often associated with "ranch" or "rancher" type houses, and to the increased use of basements for habitable purposes. Data, based on recent studies of laboratory specimens simulating slab-on-ground construction, are presented and recommendations for control of moisture migration from the ground are suggested. Recent research studies on slab-on-ground construction reported herein were sponsored by the Housing and Home Finance Agency and performed at the Forest Products Laboratory, Forest Service, U. S. Department of Agriculture, Madison, Wisconsin. H. W. Eickner, engineer, and R. F. Blomquist, chemist, were in charge of the laboratory work and compilation of data, under the general direction of R. F. Luxford, engineer. Mr. Russell, the author, is Chief, Technical Standards Unit, Division of Housing Research, H.H.F.A.

- (201) EFFECT OF CEILING INSULATION UPON SUMMER COMFORT by Thomas D. Phillips; Building Materials and Structures Report BMS 52; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued July 1, 1940.—10 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Method; 3. Temperature of the Uninsulated Ceiling; 4. Temperature of the Ceiling Under an Attic Floor; 5. Comparison of Types of Insulation; 6. Conclusions; and 7. Summary.

ABSTRACT. This investigation deals with the effect of insulation in limiting the temperature rise of the rooms in the upper story of a building with a flat roof. For test purposes a structure was built on the roof of one of the buildings at the National Bureau of Standards. This structure has a "flat" (slightly sloping) roof, below which is a low attic separated from the room below by a ceiling of plasterboard. Various types of insulation were installed just above the ceiling to insulate it from the attic space. The temperature of the ceiling in the room below was measured, and the effect of the insulation in limiting the rise in the temperature of the ceiling was determined. The results show that a lath and plaster or equivalent ceiling exposed directly to the heat of the attic will be so hot on warm summer days as to add materially to the discomfort of persons in the room below. Even a moderate amount of insulation will make the room much more comfortable.

- (202) "THE FULLY INSULATED HOUSE" by Robert K. Thulman; in *Housing Research*, March 1953,



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pages 43-51; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Insulation Defused; 2. Other Factors Which Reduce Heat Loss; (a) Design and shape of house; (b) Glass area; (c) Wall and ceiling area; (d) Construction; 3. Good Ceiling Insulation; 4. Good Wall Insulation; 5. Good Floor Insulation; 6. Insulation of Glass Areas; 7. Insulation Against Air Leakage; 8. Total Heat Loss of Well-Insulated House; 9. Insulation an Investment; and 10. Cost.

ABSTRACT. When walls, ceilings, floors, and windows are insulated to the full extent that space and construction permit, and the several types of insulating materials are applied to the house to the best advantage, reduction in heat loss to an equivalent 35 B.T.U. per square foot of floor area can be easily accomplished. The result in terms of operating economy, metal and fuel conservation, and improved comfort are of significant importance to everyone connected with the home building industry. The opportunity for the development of new concepts of house heating is of equal importance to the house heating industry. This article describes methods of insulating which utilize heat-resistant construction to its full practical potential, shows simple calculations of the resulting reductions in heat loss, and recommends insulation as a high priority essential to every home owner.

(c) Controlling Condensation

(211) MOISTURE CONDENSATION IN BUILDING WALLS by Harold W. Woolley; Building Materials and Structures Report BMS 63; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued December 14, 1940.—14 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. General Principles Involved in Condensation; 3. Means of Preventing Condensation; 4. Conclusions; and 5. References.

ABSTRACT. Moisture condensation in insulated walls will occur under certain conditions. This paper discusses these conditions in a general way and makes available to architects, builders, and others, information concerning factors which control humidity in walls. These factors are presented so as to make possible estimates of the probability of moisture condensation in walls of dwellings if the factors governing it such as design, structural materials, construction details, and moisture conditions inside and outside the building are known. The list of references includes many studies of this problem in relation to frame construction published by the Forest Products Laboratory.

(212) LABORATORY OBSERVATIONS OF CONDENSATION IN WALL SPECIMENS by Richard S. Dill and Herman V. Cottony; Building Materials and Structures Report BMS 106; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 2, 1946.—9 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Apparatus; 3. Test Specimen; 4. Test

Methods and Conditions; (a) Methods; (b) Conditions; 5. Procedure and Observations; 6. Conclusions; and 7. References.

ABSTRACT. Water-vapor migration and condensation in walls were investigated by means of a laboratory apparatus whereby a specimen wall was exposed to cold air on one side and to warm, humidified air on the other side. The wall was insulated and protected against water-vapor condensation in various ways for purposes of observation. The test conditions were a little more severe than those ordinarily expected anywhere in the continental United States. The observed relation between vapor pressure and condensation and the observed effects of vapor barriers are described and discussed. In this investigation it was found that condensation occurred within a heavily insulated wall, but that conditions conducive to condensation within the wall structure could be avoided by the use of an effective vapor barrier or by ventilating the interior of the wall with cold air.

(213) CONDENSATION CONTROL IN DWELLING CONSTRUCTION—Prepared by the Forest Products Laboratory, Forest Service, U. S. Department of Agriculture, in collaboration with the technical staff of the Housing and Home Finance Agency (For names of the leading contributors, see under "Abstract," below); published by the Housing and Home Finance Agency, Washington, D. C., August 1949 (Second Printing, June 1950). 73 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This publication, sponsored by the Housing and Home Finance Agency and prepared by the Forest Products Laboratory, Forest Service, U. S. Department of Agriculture, in conjunction with the constituent housing agencies, sets forth good practice recommendations on condensation control in dwelling construction. Pertinent suggestions and comments, based upon experience and research, were supplied by insulation, roofing, fiber board, building paper industries, and universities. It includes a discussion of condensation problems covering both conditions under which they might be expected, and recommended treatments. A considerable portion of the publication is devoted to sketches and discussions on the installation of vapor barriers when other recognized means of condensation control are not indicated. Ventilation, (1) in the occupied space, (2) in crawl spaces, and (3) in attic and loft spaces, also is discussed.

(214) "CONDENSATION CONTROL IN DWELLING CONSTRUCTION—GOOD PRACTICE RECOMMENDATIONS" by Ralph R. Britton; in (H.H.F.A.) *Technical Bulletin No. 10*, issued May-July, 1949, pages 11-15; published by the Housing and Home Finance Agency, Division of Standardized Building Codes and Materials, Washington, D. C.; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Condensation Control Zones; 3. Sizes of Ventilators; 4. Crawl Spaces; 5. Walls; and 6. Lofts and Attics.

ABSTRACT. These recommendations have been prepared because of the trouble experienced in dwellings throughout the country due to excessive condensation. This condensation results in expensive repairs and excessive maintenance costs. The recommendations presented here include (1) consideration of climatic conditions at various exposures; (2) methods of calculating ventilation amounts; (3) crawl space treatment; (4) walls; and (5) attic and loft space treatment. These recommendations apply to average conditions in which engineering studies have not determined that other methods of condensation control may be expected to provide durable, economical construction.

(215) INTERIOR PAINTING AS A REMEDIAL MEASURE FOR CONDENSATION CONTROL by Robert C. Reichel in *Housing Research*, No. 7, April 1954, pages 21-24; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This brief report is based on an exploratory investigation aimed at providing a more practical and economical means for control of condensation in dwelling construction. It is limited to determining the effectiveness of interior paints used as vapor barriers, after repeated cleanings. Factual data are presented on the effectiveness of six types of interior paints after repeated cleanings, for each of three types of cleaning agents used, and for each of two types of cleaning implements used. The six types of interior paints tested were: resin emulsion paint; one-coat flat oil paint; gloss enamel; semigloss enamel; synthetic gloss enamel; and flat oil paint. The cleaning agents tested were: paint cleaner; toilet soap; and scouring powder. The cleaning implements tested were a cellulose sponge and a bristle brush. The significance of these data for practical application is summarized and discussed, providing recommendations for using this method of control. This investigation was sponsored by the Housing and Home Finance Agency at the National Bureau of Standards, Edward R. Oglio and William C. Cullen were in charge of the laboratory work which was performed under the general direction of H. B. Snook, Chief of Exterior and Interior Coverings Section, Building Technology Division, National Bureau of Standards.

(d) Heating and Ventilation

(221) TEMPERATURE DISTRIBUTION IN A TEST BUNGALOW WITH VARIOUS HEATING DEVICES by Richard S. Dill and Paul R. Achenbach; Building Materials and Structures Report BMS 108; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued February 28, 1947.—14 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. The temperature distributions attained with various types of heating devices or systems were determined in the test bungalow at the National Bureau of Standards. The heating appliances tested included a hot-water heating system, floor furnaces located in several different positions, space heaters with fans, and electric and oil-burning warm-air furnaces. Each heating device was observed under a variety of weather conditions. The conditions inside and the weather outside the laboratory were recorded for comparison. Vertical temperature differences were computed for 32° F outside on the assumption that such differences are proportional to the inside-outside temperature difference. Uniformity of temperature throughout houses is a tacitly accepted American ideal of heating. Probably it is never attained in practice, and departures from it depend upon the design and construction of the house and upon the characteristics of the heating system or devices used. Distribution of warmth in houses has usually been judged only qualitatively by individual engineers on the basis of personal experience or observation. Quantitative data have been limited almost entirely to laboratory tests on parts of the system. Tests described in this report were made for the purpose of obtaining such data on the temperature distribution in a house heated successively with each of several types of heating systems.

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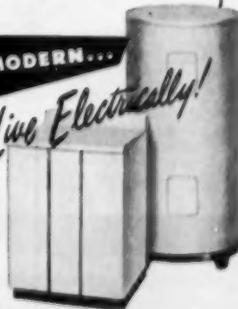
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(222) MEASUREMENTS OF HEAT LOSSES FROM SLAB FLOORS by Richard S. Dill, William C. Robinson and Henry E. Robinson; Building Materials and Structures Report BMS 103; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 10, 1945.—21 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Four concrete floors laid on the ground and three concrete and one wood floor laid over crawl spaces were tested for heat transfer properties in a special structure provided for the purpose. It was found that the heat loss of the floors laid on the ground was decreased by insulating the edges; that the heat loss through the center of such floors is relatively small when the enclosing structure is continuously heated; that the

edge loss for a wood floor laid over a crawl space is small; and that the edge loss for an insulated concrete floor laid over a crawl space was considerable. Observed ground temperatures at various depths, down to 13 ft. below the surface, are reported in the paper and some factors are suggested for estimating floor heat losses.

(223) AIR INFILTRATION THROUGH WINDOWS by Eugene F. Coleman and Roy H. Heald; Building Materials and Structures Report BMS 45; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 29, 1940.—21 pages; price: 10¢ Order copies from Superintendent of Documents U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Equipment for measuring the rate of infiltration of air through the

clearance openings of windows and doors due to wind pressure has been developed at the National Bureau of Standards as part of the program of research on building materials and structures. By means of the equipment, tests were conducted on double-hung wood windows and light steel casements, types frequently specified for low-cost housing construction. Infiltration measurements were made for systematic sets of clearance conditions, and correlations between amount of clearance and infiltration are given. The results are summarized using a concise method for representing the relationship between air infiltration and test pressure. Relationships between average sash clearance and infiltration at the reference pressure of 0.2 in. of water are given, and a general type of relation between infiltration and pressure is suggested on the basis of the test results. The heat losses from a building may be viewed as arising from two sources: (1) those in which the heat is transmitted through the materials comprising the walls, roof, and lower floor, thence by radiation, convection, and conduction to the outside; and (2) those in which the cold outside air enters the building by means of cracks around windows and doors, called infiltrative losses. In most cases the larger part of the total heat loss may be placed in the former classification, but a substantial part may also occur by infiltration. This report describes test equipment for measuring infiltration of air through windows and gives the results of measurements to determine infiltration rates for several types of windows, with emphasis on windows suitable for low-cost house construction.

(224) "APPLICATION OF THE FLOOR FURNACE IN THE HEATING OF SMALL HOUSES" by Robert K. Thulman; in (H.H.F.A.) *Technical Bulletin No. 10*, issued May-July 1949, pages 1-9; published by the Housing and Home Finance Agency, Division of Standardized Building Codes and Materials, Washington, D. C.; price: 20¢. This article alone is available for 15¢ as H.H.F.A. Technical Superintendence Report No. 9. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. It is the purpose of this article to explain the fundamental principle of the floor furnace and to describe its application to the heating of small houses. The text is illustrated with 16 figures.

(225) "PERFORMANCE OF MODULAR CLAY FLUE LININGS" by Robert K. Thulman; in (H.H.F.A.) *Technical Bulletin No. 15*, issued in September 1950, pages 11-15; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Flue Areas; 3. Liner Sizes; 4. Safety; and 5. Conclusion.

(226) EFFECT OF SOOT ON THE RATING OF AN OIL-FIRED HEATING BOILER by Richard S. Dill and Paul R. Achenbach; Building Materials and Structures Report BMS 54; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued July 18, 1940.—4 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. It is shown that the rating of a boiler, obtained by a test method based on constant flue-gas temperature, can be seriously affected by soot on the heating surfaces, although the soot may be too slight in amount to affect greatly either the capacity or the efficiency at a constant firing rate. At constant firing rate the soot has a large effect on the flue-gas temperature. This factor should

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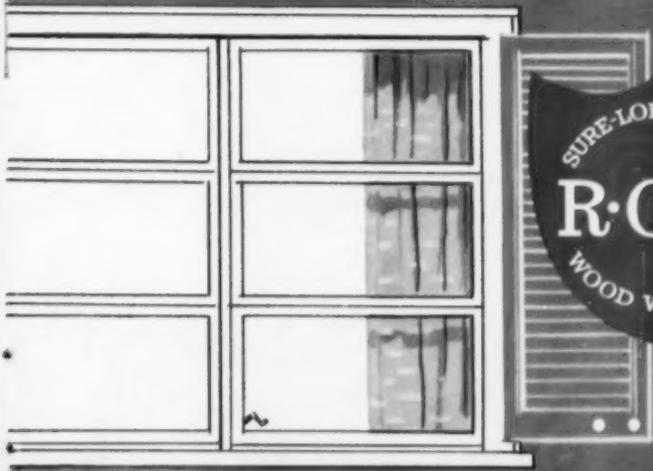
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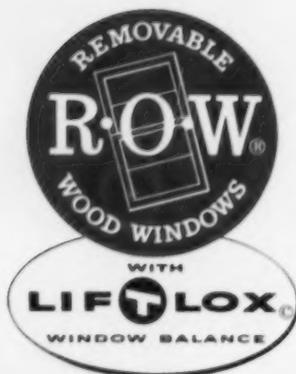
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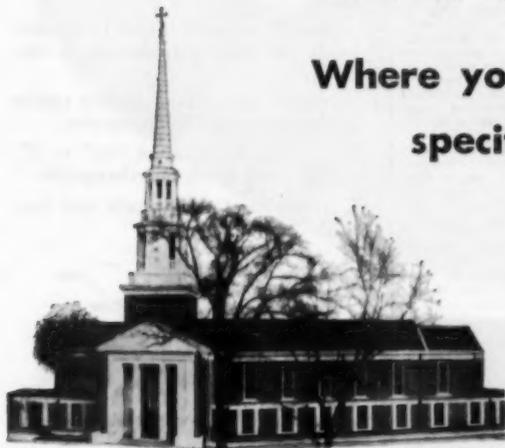


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- (227) **THE THERMAL INSULATING VALUE OF AIRSPACES** by H. E. Robinson and F. J. Powlitch; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., April 1954, as Housing Research Paper 32.-32 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Modern trends in home design, using newly-developed materials and novel methods of assembly, have created numerous problems in the field of thermal transmission and water-vapor migration through walls, floors, and ceilings. U-factors, vapor barriers, dew-point temperatures, and similar terms, which had little significance within the home-building industry a few years ago, have now become common parlance and essential considerations among designers and builders. The popular and increasing acceptance, in residential properties, of equipment designed to provide summer cooling in addition to winter heating, has emphasized the economic and comfort aspects of thermal insulation. It is seldom realized, however, that still air, whether trapped in the small cells of mass-type insulation, or as a film on any surface, serves as one of the main retardants to thermal flow. Continuous airspaces created between structural elements are quite effective as heat barriers, and are always considered in calculating the thermal resistance of building components. A recent review of the available information pertaining to the thermal resistance of airspaces, particularly when faced with reflective materials, revealed that the data were limited and incomplete. Additional data in regard to coefficients for total heat transfer of airspaces having different effective emissivities, and with various orientations and directions of heat flow, for the winds, temperature differences, and mean temperatures encountered in buildings, were needed to improve the reliability of essential engineering calculations.

(e) Plumbing Design

- (241) **METHODS OF ESTIMATING LOADS IN PLUMBING SYSTEMS** by Roy B. Hunter; Building Materials and Structures Report BMS 65; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued December 16, 1940.—21 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This report describes a method of estimating the demand and sewage loads for which provision should be made in designing plumbing systems in order that the service may be satisfactory. The characteristics of flow through a plumbing system and of the operation of supply valves and plumbing fixtures are described, and their influence on the method of estimating the load to be expected is discussed. The relative load-producing values of different kinds of commonly used plumbing fixtures are analyzed, and a table is developed giving relative load weights in terms of a load factor called the "fixture unit." An estimate curve developed by means of the probability function is given, and its use in conjunction with the table of fixture units is illustrated.



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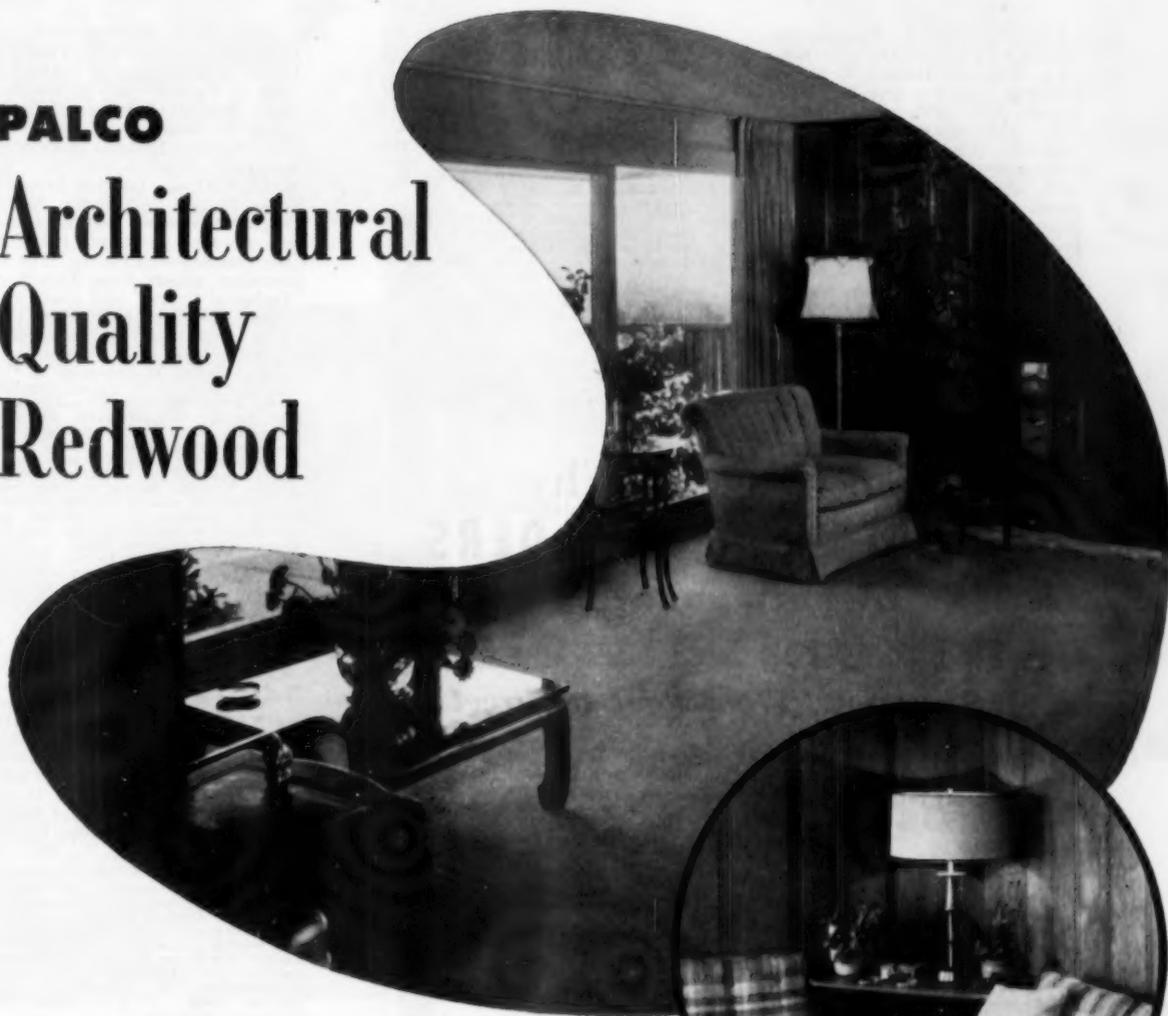
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(242) CAPACITIES OF PLUMBING STACKS IN BUILDINGS by Robert S. Wyly and Herbert N. Eaton; Building Materials and Structures Report BMS 132; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 28, 1952.—28 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This report gives the results of the first phase of a theoretical and experimental investigation of the capacities of plumbing drainage stacks in buildings. Because of the complexity of the problem and the wide variety of conditions that are encountered in providing sanitary drainage for buildings, no satisfactory means of determining the sizes of pipes required in the drainage system of a particular building has ever

been developed. The present investigation was intended to solve one of the problems involved in determining the capacity of a vertical drainage stack, namely, the pressures that are produced in a horizontal drain by the interference of the flow down the stack from higher levels with the flow from a horizontal drain into the stack at some intermediate level. This was accomplished by developing an equation for the relation between rate of flow down the stack, rate of flow from the branch, pneumatic pressures in the stack and in the branch at the branch level under consideration, the diameters of the stack and the branch, and the back-pressure produced in the branch. With the aid of experiment, the unknown quantities in the equation were determined, and the equation can be used to predict this backpressure for any given conditions when a sanitary tee stack fitting is used to connect the branch to the stack. The research forming the basis of this report was undertaken for the Housing and Home Finance Agency as part of the research program of that Agency under its statutory authority.

(243) FIXTURE UNIT RATINGS AS USED IN PLUMBING SYSTEM DESIGN by Herbert N. Eaton and John L. French, both of the National Bureau of Standards; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., March 1951, as "Housing Research Paper No. 15."—18 pages. **NOTE:** Despite its number (15) this is the first in the series of H.H.F.A. "Housing Research Papers." The 14 preceding papers were known as "Technical Papers" and dealt with technical problems only; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. A report explaining the use of the terms "fixture unit" and "fixture unit rating" in conjunction with the theory of probability to determine demand flow for the design of water piping in the plumbing systems of large buildings. Prepared by two hydraulic engineers of the National Bureau of Standards. Modification of some of the factors would permit application of the method described here to determine design loads for drainage systems. This report is based on research sponsored by the Housing and Home Finance Agency in collaboration with the U. S. Department of Commerce, National Bureau of Standards. The H.H.F.A. staff technician on the project was Fred W. McGhan. **NOTE:** A condensation of this paper appears in H.H.F.A. Technical Bulletin No. 16 entitled "Water Flow Rates in Piping" for which see item (162) of the present reading list.

(244) PLUMBING FIXTURE ARRANGEMENT (Construction Aid 1)—Prepared by the HHFA Division of Housing Research; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.,—June 1952.—18 pages.

Includes a study of: 1. General Considerations; 2. Room Orientation; (a) Relation to plumbing services; (b) Backing-up of rooms; (c) Vertical alignment; 3. Fixture Arrangements; (a) Fixtures in line; (b) Vertical proximity; 4. Apparatus Location; (a) Water heaters; (b) Clothes washers; (c) Dishwashers; 5. Other Considerations; 6. Conclusions; (a) Material savings; (b) Cost savings; (c) Codes and standards.

ABSTRACT. A guide to simplified design of plumbing fixture arrangement to conserve critical metals and manpower, and reduce installation and operational costs. The publication presents to the housing designer those planning ideas which should be considered for an economical and effective plumbing system.

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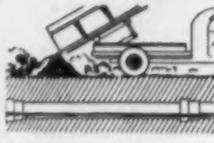
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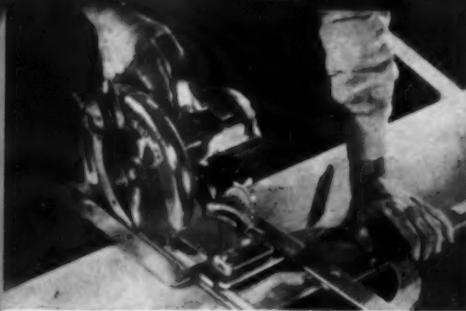
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(f) Modular Coordination

(261) MODULAR COORDINATION. WHAT IS IT? HOW DOES IT WORK? WILL IT HELP REDUCE HOUSING COSTS?—Prepared by HHFA's Division of Standardized Building Codes and Materials; published by the Housing and Home Finance Agency, Division of Standardized Building Codes and Materials, Washington, D. C.—July 1949.—20 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. A booklet written in simple language and with outline drawings describing in popular terms the principles of modular coordination for the layman and as an introduction to the subject. It sets forth to the consumer of housing the



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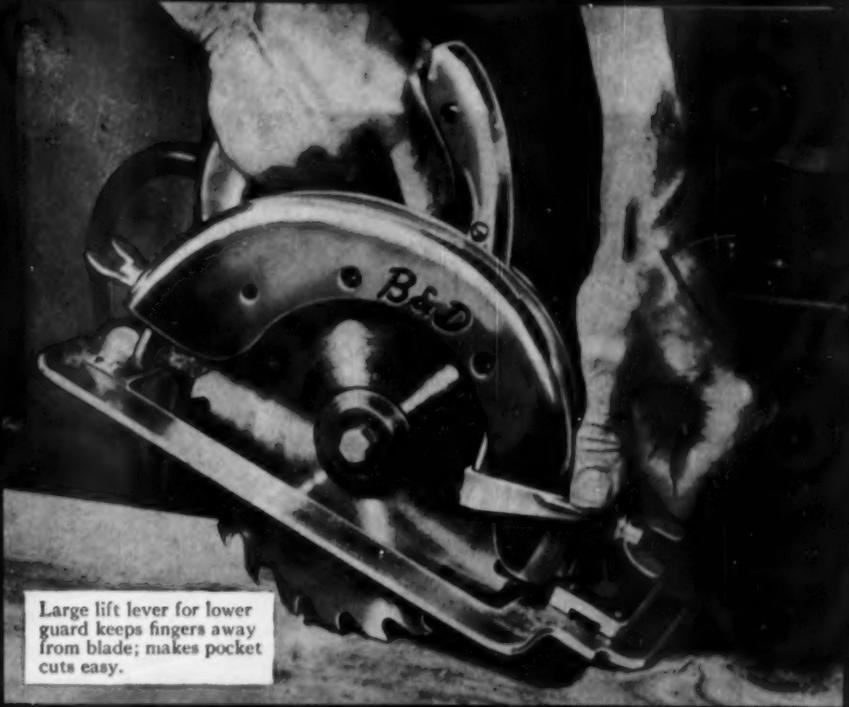
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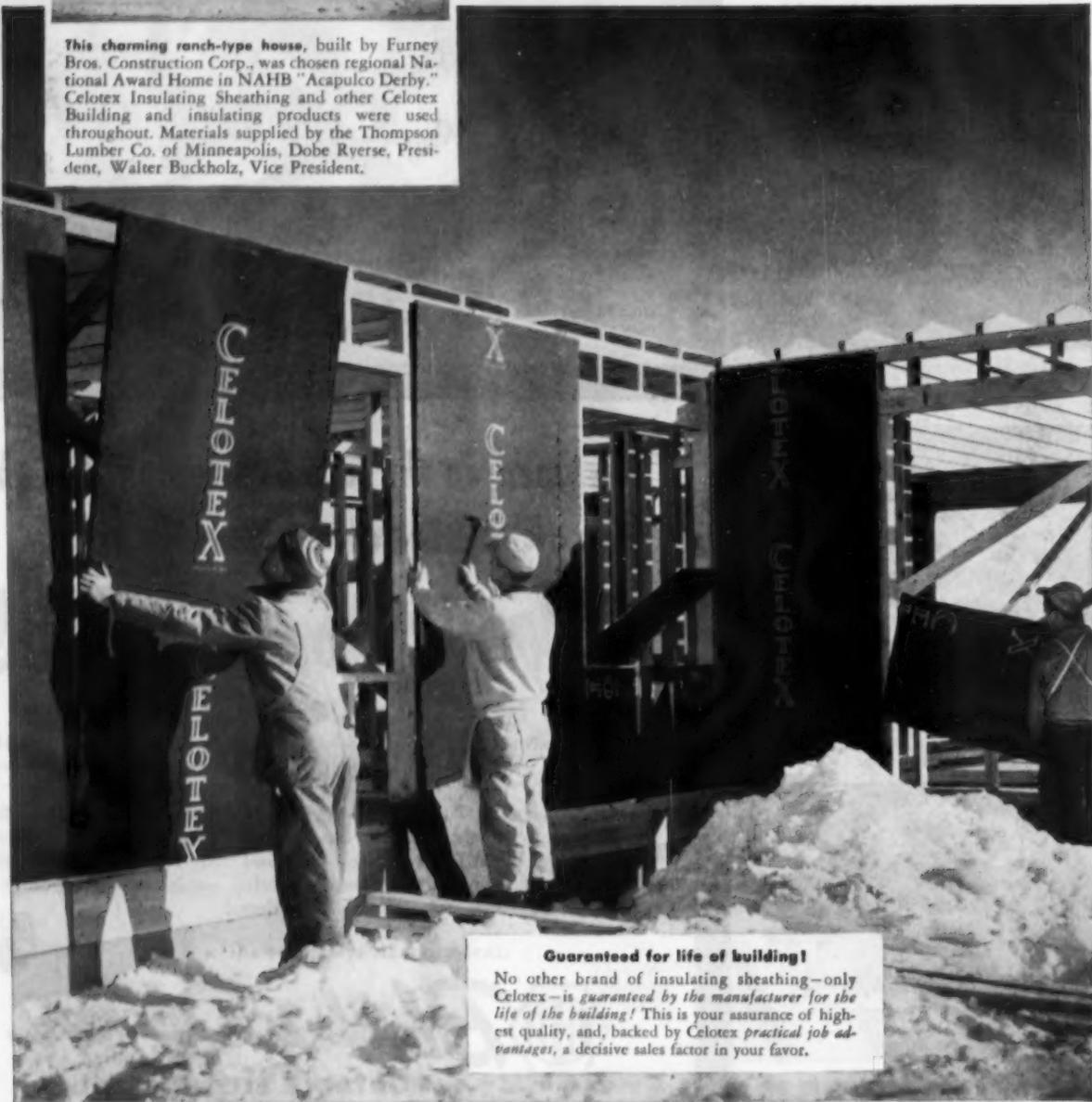
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advantages, in the form of lower cost, that accumulate from the cost savings to producer, dealer, and builder, and describes briefly the history of the development of modular coordination and how it is used by the architect in design and the builder in construction.

- (262) **THE MODULAR METHOD IN DWELLING DESIGN**—A compilation by various members of HHFA's Division of Housing Research; published by the Housing and Home Finance Agency, Division of Housing Research, May 1951.—54 pages; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. An explanation of how the principles of modular coordination, developed by American Standards Association Project A62, are applied to the preparation of drawings for building construction. Application of modular principles is illustrated by two example structures: an apartment house of masonry construction and a single-family detached house of wood-frame construction. The booklet explains how the modular method simplifies the dimensioning of small-scale drawings; shows step-by-step development of assembly details; and tells how plans and details are correlated. An appendix contains an explanation of the basis of modular coordination and the principles essential to use of the method by architects, engineers, and designers. Typical modular details of floors, walls, and windows, in addition to those of the sample structures, are included to show how the modular method is adapted to different types of construction. The booklet is one of a series dealing with standardization of dimensions and assembly methods in building construction prepared by the Housing and Home Finance Agency, Division of Housing Research. Assistance in the preparation of this booklet was given by the American Institute of Architects, The Producers' Council, Inc., and the National Association of Home Builders, co-sponsors of American Standards Association Project A62; by the Modular Service Association (Myron W. Adams, Executive Secretary); by the American Standards Association, Inc.; by the late Fred Heath; by the late Albert Farwell Bemis; by James T. Lendrum; and by A. Gordon Lorimer. ASA Project A62 committees were organized in 1938. Their findings were published in 1946 in the *A62 Guide for Modular Coordination* by Myron W. Adams and Prentice Bradley, from which the present booklet has drawn extensively.

- (263) **"APPLICATION OF LARGE MODULES TO INDUSTRIALIZED HOUSING"** by Bernard Wagner; in *Housing Research*, October 1952, pages 35-40; published by the Housing and Home Finance Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. The Prefabricated House; 2. The Industrialized House; 3. Economics of Larger Modules; 4. The Large Planning Module; 5. Standard Assemblies; 6. Suitable Materials; and 7. The Room Module.

ABSTRACT. Ready-made houses need not be monotonous. In fact, the more we standardize—and thus save money—on building parts and components, the more we find that there are innumerable ways of putting these parts and components together. It may sound like a paradox but we can retain design flexibility through standardization. This article seeks to demonstrate that the use of large-size modules—such as 8 or 12 feet—is practical and promises economy for industrialized housing.

- (264) **"REPORT ON SURVEY OF FACTORS HINDERING MORE GENERAL ACCEPTANCE OF THE MODULAR PRINCIPLE IN DESIGN AND CONSTRUCTION"** by the Executive Committee of the Building Research Advisory Board; in (H.H.F.A.) *Technical Bulletin No. 11*, issued September-Novem-

ber 1949, pages 15-18; published by the Housing and Home Finance Agency, Division of Standardized Building Codes and Materials, Washington, D. C.; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. On January 19, 1949, the National Academy of Sciences entered into a contract with the Housing and Home Finance Agency to undertake investigations and make reports with respect to certain technical problems. One was the survey described in this respect. Performance of the work was assigned to the Building Research Advisory Board of the National Research Council's Division of Engineering and Industrial Research. The report is signed by the following members of the Executive Committee of the Building Research Advisory Board: Frank B. Jewett, C. F. Rasweiler, Frederick M. Feiker, George M. Hunt, Harry C. Plummer, W. E. Reynolds, Tyler S. Rogers, William H. Scheick, and Walter A. Taylor.

- (265) **"COORDINATION IN BUILDING CONSTRUCTION"** by Bernard Wagner; in (H.H.F.A.) *Technical Bulletin No. 11*, issued September-November 1949, pages 1-6; published by the Housing and Home Finance Agency, Division of Standardized Building Codes and Materials, Washington, D. C.; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Germany has had standardization of building materials (D.I.N. norms) since the end of World War I, but not modular coordination. In 1942, Ernst Neufert, a German architect, made the first comprehensive attempt to coordinate this standardization into a modular system as far as possible, and to propose new standards for certain building materials or products which do not fit the modular system. His work is of interest and value to technicians in this country insofar as he has tried to solve problems similar to ours with results that are sometimes identical, and sometimes contrary to ours. This article is a review of a German study on modular coordination and standardization in the building industry.

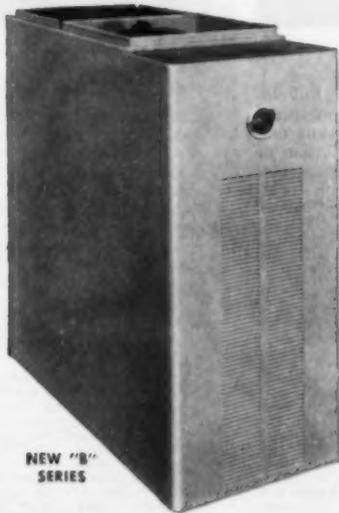
- (266) **"TECHNIQUES FOR CONSERVATION IN HOME CONSTRUCTION"** by Joseph H. Orendorff; in *Housing Research*, Fall 1951, pages 1-8; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Conservation in Plumbing for Homes; 3. Conservation in Framing Practices; 4. Conservation Through Modular Coordination; and 5. Illustrative Diagrams.

ABSTRACT. Current HHFA research to help conserve home building materials and manpower during the emergency covers a wide range of technological investigation in dwelling space and room arrangement, structural components of houses, materials of home structure, housing sanitation, heating, and in other fields. Division of Housing Research projects aimed at conservation include both those being done directly by the Division staff, and others undertaken by contract with Government agencies and nonprofit organizations with exceptional laboratory facilities. The objective is to help the housing industry build the largest possible amount of needed housing with the least possible drain on materials and manpower needed for defense. This article discusses the principle of conservation embodied in HHFA's technological research and sketches examples of current projects.

- (267) **"BASIC PRINCIPLES OF MODULAR COORDINATION (A METHOD OF COST REDUCTION IN BUILDING**

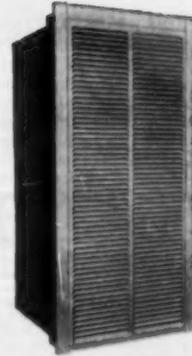
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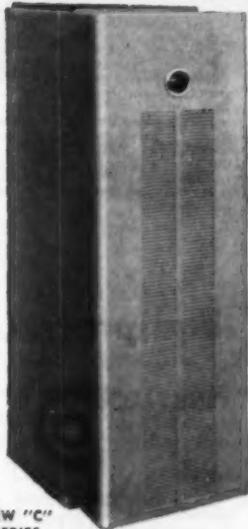
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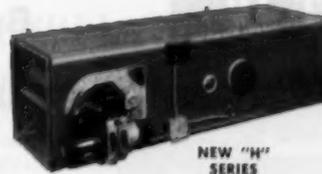
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THROUGH STANDARDIZED DIMENSIONS AND ASSEMBLY METHODS); author not named; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., December 1953.—29 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. The Basic Module—A Four Inch Cube; 2. A Modular Volume—The Bemis Cubical Modular Concept; 3. Modular Dimensions, Nominal and Specified; 4. Modular Masonry, Brick, Modular Sizes; 5. Modular Masonry, Brick, A Comparison of Modular Sizes; (a) Nominal; (b) Roman; (c) Norman; 6. Modular Coordination—Brick with Clay Tile Backup; 7. Modular Masonry—Concrete Masonry Unit; (a) Nominal; (b) Specified; 8. Modular Coordination—Brick with Concrete Masonry Unit Backup; 9. Modular Coordination—Joint Thicknesses; (a) Facing (Exterior); (i) Brick; (ii) Concrete block; (iii) Glazed clay units; (iv) Stone; (v) Glass; (b) Backup; (i) Clay; (ii) Concrete units; (c) Facing (Interior); (i) Brick; (ii) Glazed clay; (iii) Ceramic tile; (iv) Structural glass; 10. Modular Coordination—Sill Section; (a) Wood frame; (b) Masonry; (i) Concrete slab floor; 11. Modular Framing—Corner Detail; 12. Modular Products in Frame Wall Construction; (a) Plywoods; (b) Wallboards; (c) Hard Boards; (d) Rigid Insulations; (e) Plaster Bases; (f) Blanket Insulations; 13. Modular Openings, Wood; (a) Head; (b) Jamb; (c) Mullion; (d) Sill; 14. Modular Coordination Reduces Building Costs.

ABSTRACT. This publication has been prepared to provide supplemental lecture notes for a series of lantern slides prepared for use in courses in drafting and construction at architectural and engineering colleges. It may serve as a textbook for students, as well as a guide for architectural and engineering draftsmen in applying the principles of modular coordination to working drawings. Reproductions of the lantern slides are utilized as illustrations.

PART IV

(a) Special Constructions for Walls, Partitions, Floors and Roofs

- (301) "EXPECTED RESISTANCE TO RACKING OF DOUGLAS FIR PLYWOOD-SHEATHED WALLS" by William A. Russell; in (H.H.F.A.) *Technical Bulletin No. 13*, issued in March 1950, pages 11-15; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Specimen Details; 3. Test Procedure; 4. Observations; 5. Discussion; 6. Interpretation of Test Data; and 7. Recommendations.

ABSTRACT. The manufacturing process used in the production of plywood generates a large quantity of veneer that, because of knotholes and other small surface defects, is unsuitable for the face grain of plywood where appearance

(g) Controlling Infestation

- (281) "RATPROOF CONSTRUCTION OF NEW DWELLINGS" by E. J. Herring; in *Technical Bulletin No. 14*, pages 23-27; published May-July 1950 by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Materials and Methods of Construction; (a) Foundations; (b) Crawl spaces; (c) Foundation vents; (d) Outside basement steps; (e) Coal chutes; (f) Ratproofing under buildings erected on piers; (g) Elevator shafts; (h) Floor drain plates; (i) Service wires; (j) Junction of exterior walls and floors; (k) Exterior doors; (l) Basement and first-story windows; (m) Second-story and higher windows; (n) Exhaust fan openings; (o) Mail slots; (p) Junction of roof and exterior walls; (q) Parapet walls; (r) Skylights; (s) Chimneys; (t) Water and sewer vent stacks; (u) Spaces between attic floors and roofs; (v) Interior walls; (w) Openings for service pipes; (x) Ventilation systems; (y) Refrigerators; 2. Recommendations for Aiding Eradication Through Ratproof Construction; and 3. References.

ABSTRACT. This report describes ratproof construction which, with proper maintenance, is the most economical and effective means of controlling rat prevalence in a structure. This involves interior and exterior ratproofing as well as the elimination of interior structural harborage. In new construction this requires elimination of all nonessential openings and the ratproofing of all essential openings.

(h) Specification Writing

- (291) A METHOD FOR DEVELOPING SPECIFICATIONS FOR BUILDING CONSTRUCTION—Report of Subcommittee on Specifications of the Central Housing Committee on Research, Design, and Construction;—Albert G. Bear, Chairman; Building Materials and Structures Report BMS 87; published by U. S. Department of Commerce, National Bureau of Standards Washington, D. C.—Issued July 15, 1942.—23 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. To meet the demand for short and uniform specifications for Government building construction and in an attempt to reduce the time and labor now consumed in their preparation, a representative committee of Federal agencies made a study of current specification-writing routine. In its report, this Committee advocates a directive method which, under proper supervision, should condense specifications, bring about important economies, and increase efficiency. Fundamental principles that have proved of value over a period of years have been retained and are coordinated in a basic specification which promotes uniformity and permits choice of those materials and methods of construction best suited to the specific project in hand. Application of the method is made clear by three examples; a model basic specification illustrating the procedure outlined, a typical contemporary specification, and the typical specification rewritten in accordance with the method advocated.

Building Materials, Equipment, and Methods of Construction

rather than structural soundness is the governing factor. A large amount of these lower-grade veneers are well-suited to the manufacture of sheathing which permits economical use of veneers that otherwise would be wasted. This article combines information developed in HHFA-sponsored research projects and data developed from previous tests of plywood sheathed constructions and also presents the data graphically.

- (302) MOISTURE AND THE DURABILITY OF WOOD-FRAME WALLS by R. C. Reichel; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., September 1951, as "Housing Research Paper No. 16."—20 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Summary; 3. The Test Shell; 4. Conditions of Exposure; 5. Instrumentation and Control; 6. Observations; and 7. Results.

ABSTRACT. A report covering the observations made and data collected during the first 6 months of operation of a long-range investigation to evaluate the

relationship of moisture to the durability of wood-frame walls. Twenty-two different wood-frame wall assemblies have been erected in a test structure, utilizing materials and assemblies frequently used in dwelling construction. These walls have been exposed to year-round weather conditions on the exterior, and on the interior to temperature and humidity representative of actual conditions in dwellings in the area of central Pennsylvania. The report is based upon research sponsored by the Housing and Home Finance Agency at the Pennsylvania State College, State College, Pa., where test operations were conducted by Professor E. R. Queer and Professor F. A. Joy. The tests commenced in December 1949 under the direction of Ralph K. Britton, of H.H.F.A.'s Division of Housing Research. Assistance was also provided by staff personnel of the National Bureau of Standards of the U. S. Department of Commerce, the Division of Forest Pathology of the U. S. Department of Agriculture, and of various trade associations whose products were used.

- (303) PHYSICAL PROPERTIES AND FABRICATION DETAILS OF EXPERIMENTAL HONEYCOMB-CORE SANDWICH HOUSE PANELS—Prepared at the Forest Products Laboratory, Forest Service, U. S. Department of Agriculture.



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The following members of the laboratory staff were in charge of test procedures and analysis of the results here reported: L. O. Anderson, B. G. Heebink, E. W. Kuenzi, and S. H. Munson (engineers), and R. J. Seidl (chemical engineer). The research was supervised by R. P. A. Johnson, Chief of the Division of Timber Mechanics, with the assistance of R. F. Luxford. The project was sponsored by the Housing and Home Finance Agency, Technical Staff, of which Leonard G. Haeger was Director and Howard J. Wharton, an assistant in technical and administrative research management; published by the Housing and Home Finance Agency, Technical Staff, Washington, D. C., in February 1948, as its "Technical Paper No. 7"—25 pages; price: not stated. Order copies from Housing and Home Finance Agency, Washington, D. C.

ABSTRACT. A report covering developmental work, test data on honeycomb-core panels, methods of fabrication and erection of experimental sandwich panels for an outdoor test structure on the grounds of the Forest Products Laboratory at Madison, Wisconsin.

- (304) **STRUCTURAL PROPERTIES OF SIX MASONRY WALL CONSTRUCTIONS** by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 5; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued November 21, 1938.—31 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Sponsor; 3. Specimens and Tests; 4. Materials; (a) Brick; (i) High-strength brick; (ii) Medium-strength brick; (b) Tile; (c) Block; (d) Mortar; (i) Cement; (ii) Lime; (iii) Sand; (iv) Mix; 5. Fabrication Data; 6. Properties of Test Walls (similar data for each of six walls); (a) Description; (b) Compressive load; (c) Transverse load; (d) Concentrated load; (e) Racking load; (f) Impact load; 7. Comments; and 8. Selected References.

- (305) **WATER PERMEABILITY OF MASONRY WALLS** by Cyrus C. Fishburn, David Watstein, and Douglas E. Parsons; Building Materials and Structures Report BMS 7; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 18, 1938.—35 pages; Out of print. See your librarian.

ABSTRACT. Walls of brick, structural clay tile and hollow concrete unit masonry were tested under conditions resembling exposure to wind and rain and their resistance to the penetration of water determined. Five kinds of workmanship (method of filling joints), three kinds of brick, six kinds of structural clay tile, two kinds of hollow concrete units, and six different mortars were used in the construction of the walls. One group of 48 brick walls included specimens both 8 and 12 inches thick, of three kinds of brick, four cement-lime mortars, and two classes of workmanship, in all possible combinations. The walls of structural clay tile were faced either with stucco or with brick of a single variety. Those of concrete units were faced either with the same brick or with cement paint. The effectiveness of several methods of "waterproofing" were compared by retesting some of the walls after they had been treated. The treatments for the walls included the filling of openings in the face joints with mortar, grout, or wax and the application to the exposed surfaces of colorless solutions or paints. Most of the walls were subjected to water penetration tests

under two different conditions. Water was applied near the tops of the walls in a manner to produce a thin film of water over their exposed surfaces. In the "capillarity" test no pressure was applied to the exposed surface, the water penetrating under the forces of capillarity and gravity only. In the "heavy-rain" test a static air pressure of 10 pounds per square foot was maintained against the exposed face. The performances of the walls in the water penetration tests depended more upon the quality of the workmanship than upon any other factor. Walls of brick having the interior joints well filled with mortar usually gave excellent performances, whereas those with poorly filled joints leaked. Aids in obtaining walls resistant to moisture penetration were the use of mortars of medium or high water retentivity, the wetting of absorptive brick before use, and the application of a parging of mortar on the back of the facing wythe. The omission of two-thirds of the normal number of header brick, or the insertion of a limestone sill or belt course had no important effect on the permeability of the walls. On the average, walls with a brick facing and a backing of hollow masonry units were slightly less permeable than brick walls of equal thickness when the joints were not well filled. When the joints were well filled the performance of walls with hollow units was somewhat superior in the capillarity test but inferior in the heavy-rain test to that for otherwise similar all-brick walls. The performance of walls of structural clay tile faced with portland-cement stucco was somewhat better than the average for the walls of brick. The fillings of openings in the joints with mortar or wax was effective in stopping leakage. Applications of colorless waterproofing solutions did not stop leakage through openings in the joints, but were effective in improving the performance of walls of absorptive brick when the openings in the joints had been sealed. Coatings of molten paraffin oil paint, and cement paint were effective in reducing moisture penetration.

- (306) **STRUCTURAL PROPERTIES OF THE INSULATED STEEL CONSTRUCTION COMPANY'S "FRAMELESS-STEEL" CONSTRUCTIONS FOR WALLS, PARTITIONS, FLOORS, AND ROOFS** by Herbert L. Whittemore, Ambrose H. Stang, and Vincent B. Phelan; Building Materials and Structures Report BMS 9; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 28, 1938.—18 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions the Insulated Steel Construction Co. submitted 30 specimens representing their "Frameless-Steel" constructions for walls, partitions, floors, and roofs. The wall specimens were subjected to compressive, transverse, concentrated, impact, and racking loads; the partitions specimens to impact and concentrated loads; the floor specimens to transverse, concentrated, impact, and racking loads; the roof specimens to transverse and concentrated loads. The transverse, concentrated, and impact loads were applied to both faces of wall specimens. For each of these loads three similar specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load up to the maximum load, except for concentrated loads, for which the set only was determined. The results are presented graphically and in tables.

- (307) **STRUCTURAL PROPERTIES OF THE CURRENT FABRIHOME CORPORATION'S "FABRIHOME" CONSTRUCTIONS FOR WALLS AND PARTITIONS** by Herbert L. Whittemore, Ambrose H. Stang, and Vincent B. Phelan; Building Materials and Structures Report BMS 11; published by U. S. Department of Commerce, National Bureau of Standards, Washington,

D. C.—Issued December 28, 1938.—14 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Current Fabrihome Corporation submitted 18 specimens representing their "Fabrihome" constructions for walls and partitions. The specimens were subjected to transverse, concentrated, and impact loads. The loads were applied to both faces of wall specimens. For each of these loads three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load up to the maximum load, except for concentrated loads, for which the set only was determined. The results are presented graphically and in tables.

- (308) **STRUCTURAL PROPERTIES OF "STEELOX" CONSTRUCTIONS FOR WALLS, PARTITIONS, FLOORS, AND ROOFS** SPONSORED BY STEEL BUILDINGS, INC., by Herbert L. Whittemore, Ambrose H. Stang, and Vincent B. Phelan; Building Materials and Structures Report BMS 12; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued February 1, 1939.—17 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, Steel Buildings, Inc. submitted 30 specimens representing their "Steelox" constructions for walls, partitions, floors and roofs. The wall specimens were subjected to compressive, transverse, concentrated impact, and racking loads; the partition specimens to impact and concentrated loads; the floor specimens to transverse, concentrated and impact loads; and the roof specimens to transverse and concentrated loads. The transverse, concentrated, and impact loads were applied to both faces of wall specimens. For each of these loads three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load up to the maximum load, except for concentrated loads, for which the set only was determined. The results are presented graphically and in tables.

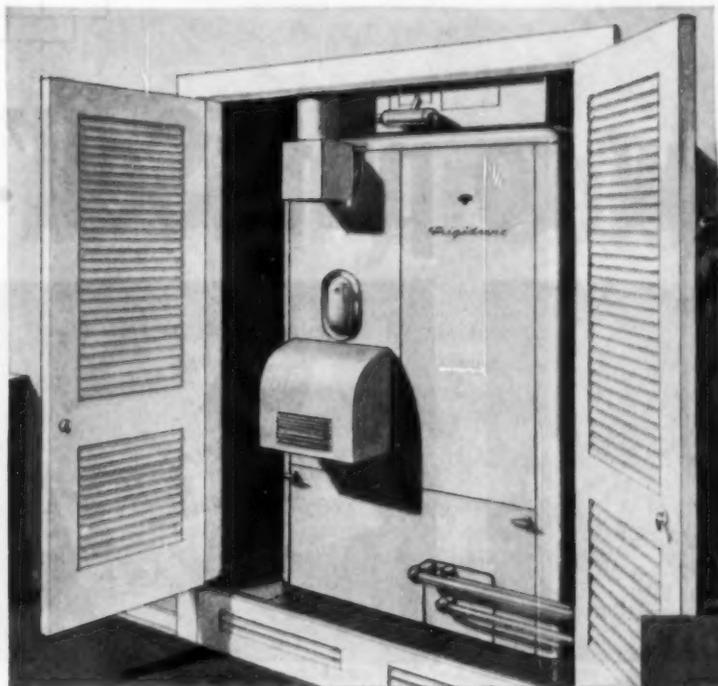
- (309a) **SOUND INSULATION OF WALL AND FLOOR CONSTRUCTIONS** by V. L. Chrisler; Building Materials and Structures Report BMS 17; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 28, 1939.—31 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Location of Building; 3. Location of Rooms Within a Building; 4. Factors Which Control the Transmission of Sound Through Walls and Floors; 5. Homogeneous Walls; 6. Nonhomogeneous Walls; (a) Lath and plaster walls; (b) Masonry walls and floors; 7. Impact Noises and Methods of Isolating Them; 8. Effect of Openings and Methods of Computing Results; 9. Making Effect; 10. Maximum Noise Levels Which Should Be Tolerated; 11. Panel Construction and Transmission Loss in Decibels; and 12. Literature References.

- (309b) **SOUND INSULATION OF WALL AND FLOOR CONSTRUCTIONS** by V. L. Chrisler; Supplement No. 1 to Building Materials and Structures Report BMS 17; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued December 20, 1940.—7 pages;

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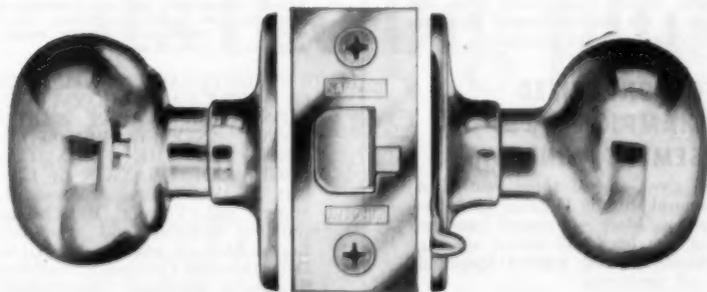
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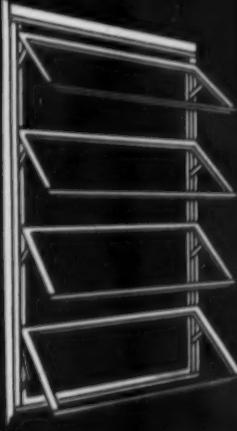
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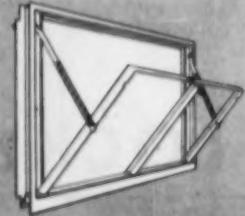
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(309c) **SOUND INSULATION OF WALL AND FLOOR CONSTRUCTIONS** by Albert London; Supplement No. 2 to Building Materials and Structures Report BMS 17; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued September 15, 1947.—15 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

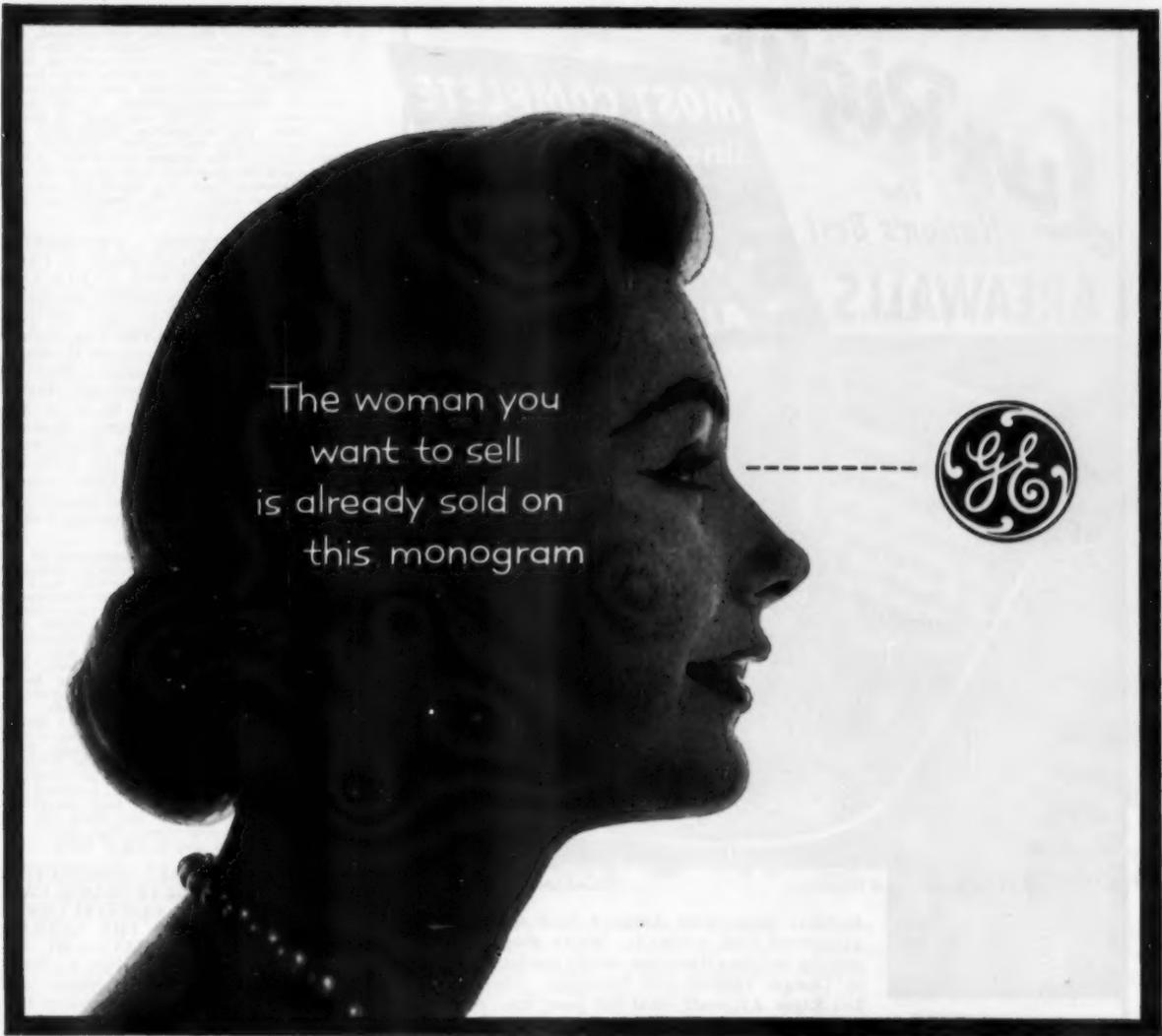
Supplements 1 and 2 report the results of sound-transmission measurements made on a number of additional types of construction since the issuance of the original report in March 1939.

ABSTRACT. Since about 1923 the National Bureau of Standards has made measurements on the sound-insulating values of different materials and types of construction. Many of the measurements were made in cooperation with manufacturers of building materials; others were made by the Bureau to advance knowledge of the sound insulating properties of representative types of construction. Although the funds available for the research program on building materials and structures with special reference to low-cost housing were insufficient (in 1939) to permit a new experimental program on sound insulation in view of more urgent needs, the results of the past experience of the Bureau are brought together in one place in Report BMS-17, so that the information may be available to architects and engineers. The report summarizes test data on the sound transmission of wall, partition, and floor panels and gives a general discussion of the principles of sound insulation. Attention is called to the desirability of constructing buildings in which quiet conditions are essential, in locations where the noise level is not high and of locating rooms intended to be especially quiet in parts of the building where there will be the least disturbance from the usual noises in the building. A general discussion is given of the factors which determine the transmission of sound through partitions. Impact noises and methods of insulating against them receive special mention. The importance of eliminating small openings, which may almost completely destroy the sound-insulating value of a wall, is illustrated by examples. It is pointed out that the required sound insulation is less, the greater the normal noise level within the room. The results also show that a wall or floor which is approximately homogeneous must be excessively heavy to be a good sound insulator. If the wall or floor is built in layers which are loosely connected, the sound-insulating properties are greatly improved. Thus, method of construction is more important than nature of material.

(310) **STRUCTURAL PROPERTIES OF "PRE-FAB" CONSTRUCTIONS FOR WALLS, PARTITIONS, AND FLOORS SPONSORED BY THE HARNISCHFEGGER CORPORATION** by Herbert L. Whittmore, Ambrose H. Stang, and Vincent B. Phelan; Building Materials and Structures Report BMS 18; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 17, 1939.—20 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Harnischfeger Corporation submitted 33 specimens representing their "Pre-Fab" constructions for walls, partitions, and floors. The wall specimens were subjected to compressive, transverse, concentrated, impact, and racking loads; the partition specimens to impact and concentrated loads; and the floor specimens to transverse, concentrated, and impact

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loads. The transverse, concentrated, and impact loads were applied to both faces of wall specimens. For each of these loads three like specimens were tested, the concentrated-load tests being made on undamaged portions of the specimens used for the transverse or impact tests. The deformation under load and the set after the load was removed were measured for uniform increments of load up to the maximum load, except for concentrated loads, for which the set only was determined. The results are presented graphically and in tables.

(311) STRUCTURAL PROPERTIES OF "TWACHTMAN" CONSTRUCTIONS FOR WALLS AND FLOORS SPONSORED BY CONNECTICUT PRE-CAST BUILDINGS CORPORATION by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 20; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 17, 1939.—13 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions the Connecticut Pre-Cast Buildings Corporation submitted 24 specimens representing concrete constructions for walls and "Twachtmann" precast hollow reinforced-floors. The wall specimens were subjected to compressive, transverse, concentrated, impact, and racking loads; and the floor specimens to transverse, concentrated, and impact loads. The transverse, concentrated, and impact loads were applied to both faces of wall specimens. For each of these loads, three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented in graphs and in tables.

(312) STRUCTURAL PROPERTIES OF A CONCRETE-BLOCK CAVITY-WALL CONSTRUCTION SPONSORED BY THE NATIONAL CONCRETE MASONRY ASSOCIATION by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 21; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued July 19, 1939.—10 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the National Concrete Masonry Association submitted 12 specimens representing a concrete-block cavity-wall construction. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. For each of these loads, three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented graphically and in a table.

(313) STRUCTURAL PROPERTIES OF "DUN-TI-STONE" WALL CONSTRUCTION SPONSORED BY THE W. E. DUNN MANUFACTURING COMPANY by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 22; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 14, 1939.—11 pages; Out of print. See your librarian.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the W. E. Dunn Manufacturing Co. submitted 18 specimens representing their "Dun-Ti-Stone" construction for walls. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. The transverse, concentrated, and impact loads were applied to both faces of the specimens. For each of these loads, three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented in graphs and in a table.

- (314) **STRUCTURAL PROPERTIES OF A BRICK CAVITY-WALL CONSTRUCTION SPONSORED BY THE BRICK MANUFACTURERS ASSOCIATION OF NEW YORK, INC.,** by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 23; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 31, 1939.—12 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Brick Manufacturers Association of New York, Inc., submitted 15 specimens representing a brick cavity-wall construction. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. The compressive loads were applied to the facing and the backing of three specimens and to the backing only of three other specimens. For each of the loads, three alike specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented graphically and in a table.

- (315) **STRUCTURAL PROPERTIES OF A REINFORCED-BRICK WALL CONSTRUCTION AND A BRICK-TILE CAVITY-WALL CONSTRUCTION SPONSORED BY THE STRUCTURAL CLAY PRODUCTS INSTITUTE** by Herbert L. Whittemore, Ambrose H. Stang, and Cyrus C. Fishburn; Building Materials and Structures Report BMS 24; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 24, 1939.—17 pages; price 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Structural Clay Products Institute submitted 9 specimens representing a reinforced-brick cavity-wall construction. The reinforced-brick wall specimens were subjected to compressive, transverse, concentrated, and impact loads. The brick-tile, cavity-wall specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. The transverse, concentrated, and impact loads were applied to both faces of the brick-tile cavity-wall specimens. For each of these loads, three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented graphically and in tables.

- (316) **STRUCTURAL PROPERTIES OF CONVENTIONAL WOOD-FRAME CONSTRUCTIONS FOR WALLS, PARTITIONS, FLOORS, AND ROOFS** by George E. Heck;



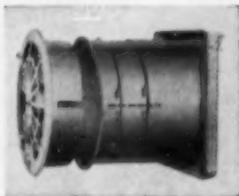
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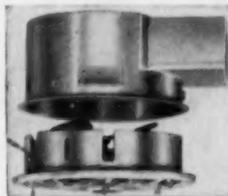
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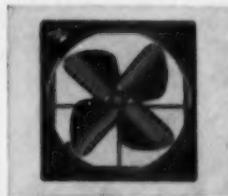
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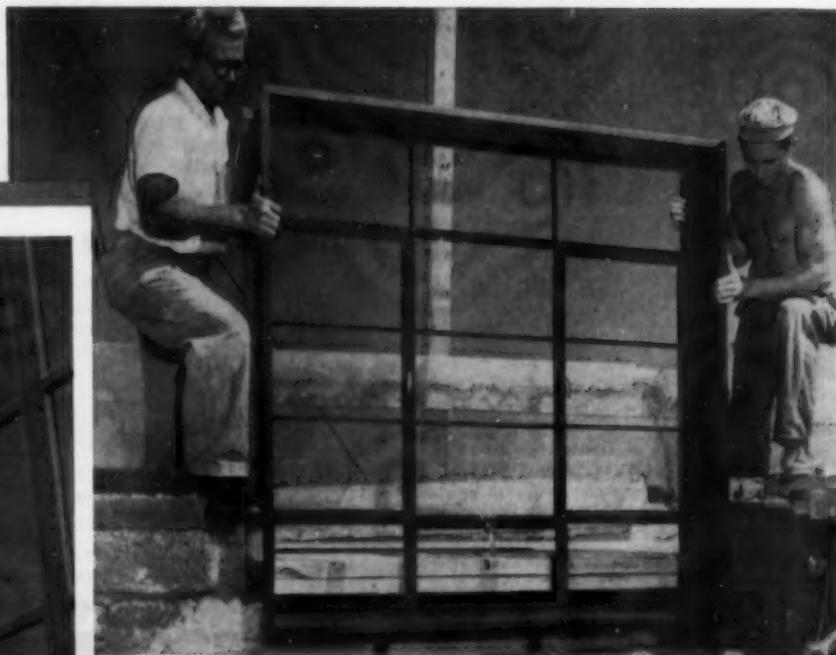
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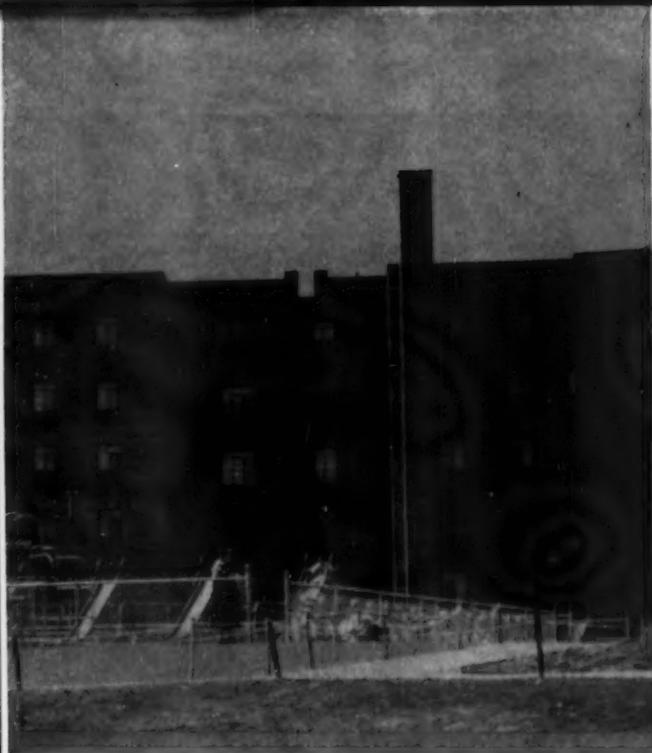


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"The installation of the windows is simplicity itself," says Mr. Doyle. "Two men can handle the complete placement of any of the windows. When the bricklayers have reached a wall height one foot above the sill, the two men simply drop the unit into place, and with the possible exception of an occasional wood wedge, nothing else is done other than setting brick around them. There is no nailing, screwing or bracket fastening. It is because of the ease of assembly that a crew of two men can install an average of 62 windows per day."



Mr. Joseph Fay, ornamental steel worker, shown as he secures the window lock on a double frame steel casement window.



Looking west in this photograph you see part of the finished Elmhurst Development at Flushing, N.Y. When the last of the 36 multi-story apartment dwellings is completed, the development will house approximately 8,784 persons in 2,196 separate apartments. It will require 17,150 steel windows to complete the project. Contractor: George F. Driscoll Co., New York City; Windows supplied by Hope Windows, Inc., Jamestown, N.Y. and erected by Barney Schagle, Brooklyn, N.Y. The architect was Benjamin Braunstein, Jamaica, N.Y.



Mr. Doyle, Superintendent, photographed while he discussed the reasons why he prefers steel windows for big jobs like this.

construction man could ask for"

says Mr. William J. Doyle, Superintendent
George F. Driscoll Company, Contractors

WITH 36 YEARS of construction experience behind him, Mr. Doyle is well qualified to discuss window construction. About steel windows he says, "They are consistently 'true,' easier and faster to install, and have sufficient weight to withstand the rigors of a long and rugged construction program.

"That the steel windows will give long life after they are installed goes without saying. But I am almost as impressed with the manner in which they take abuse during the construction stages. A window takes a real beating in any large scale construction program, and we could not live with a product that failed to keep pace with our schedule. I prefer steel

windows because they relieve me of all worry. I can leave them out on the job as long as I want with the comforting knowledge that nothing can happen to them."

And so, still another leading builder tells why steel windows are his first choice. And the same thing could apply to the building jobs you're handling. No matter what type of building you are designing or specifying, there's a steel window that's just right for it.

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USS STEEL FOR WINDOWS

-49

UNITED STATES STEEL

Building Materials and Structures Report BMS 25; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued September 13, 1939.—23 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Forest Products Laboratory built 39 specimens representing conventional wood-frame construction for walls, partitions, floors, and roofs. In addition, six wall frames without covering were built. The wall-frame specimens were subjected to compressive and transverse loads; the wall and partition specimens to compressive, transverse, concentrated, impact, and racking loads; the floor specimens to transverse and concentrated loads. The transverse, concentrated, and impact loads were applied to both faces of wall specimens. For each of these loads three like specimens were tested. The deformation under load and the set after the load was removed were measured, except for concentrated loads, for which the set only was determined. The results are presented in graphs and in tables.

- (317) STRUCTURAL PROPERTIES OF "NELSON PRE-CAST CONCRETE FOUNDATION" WALL CONSTRUCTION SPONSORED BY THE NELSON CEMENT STONE COMPANY, INC., by Herbert L. Whittemore, Ambrose H. Stang, and Cyrus C. Fishburn; Building Materials and Structures Report BMS 26; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 9, 1939.—10 pages; price 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Nelson Cement Stone Co. submitted 18 specimens representing their "Nelson Pre-Cast Concrete Foundation" construction for walls. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. The transverse, concentrated, and impact loads were applied to both faces of the specimens. For each of these loads, three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented in graphs and in tables.

- (318) STRUCTURAL PROPERTIES OF "BENDER STEEL HOME" WALL CONSTRUCTION SPONSORED BY THE BENDER BODY COMPANY by Herbert L. Whittemore, Ambrose H. Stang, and Vincent B. Phelan; Building Materials and Structures Report BMS 27; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 13, 1939.—14 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, The Bender Body Co. submitted 21 specimens representing their "Bender Steel Home" construction for walls. The specimens were submitted to compressive, transverse, concentrated, impact, and racking loads. The transverse, concentrated, and impact loads were applied to both faces of the specimens. For each of these loads three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented in graphs and in a table.

- (319) STRUCTURAL PROPERTIES OF A WOOD-FRAME WALL CONSTRUCTION SPONSORED BY THE DOUGLAS FIR PLYWOOD ASSOCIATION by Herbert L. Whittemore and Ambrose H. Stang, with the collaborator of Thomas R. C. Wilson, Forest Products Laboratory; Building Materials and Structures Report BMS 30; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued September 13, 1939.—14 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Douglas Fir Plywood Association submitted 18 specimens representing a wood-frame wall construction. The sheathing on the outside face and the wallboard on the inside face were both Douglas fir plywood. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. The transverse, concentrated and impact loads were applied to both faces of the specimens. For each of these loads, three like specimens were tested, the concentrated-load tests being made on undamaged portions of the impact specimens. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented in graphs and in a table.

- (321) STRUCTURAL PROPERTIES OF TWO BRICK-CONCRETE-BLOCK WALL CONSTRUCTIONS AND A CONCRETE-BLOCK WALL CONSTRUCTION SPONSORED BY THE NATIONAL CONCRETE MASONRY ASSOCIATION by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 32; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued November 2, 1939.—19 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the National Concrete Masonry Association, Chicago, Ill., submitted 48 specimens representing wall constructions, 2 of which consisted of brick facing and concrete-block backing, the other of concrete blocks only. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. The transverse, concentrated, and impact loads were applied to both faces of the brick-concrete-block wall constructions. For each of the loads three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented in graphs and in tables.

- (322) STRUCTURAL PROPERTIES OF WOOD-FRAME WALL, PARTITION, FLOOR, AND ROOF CONSTRUCTIONS WITH "RED-STRIPE" LATH SPONSORED BY THE WESTON PAPER AND MANUFACTURING CO. by Herbert L. Whittemore and Ambrose H. Stang, with the collaboration of Thomas R. C. Wilson, Forest Products Laboratory; Building Materials and Structures Report BMS 36; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued January 2, 1940.—26 pages;

price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-rent house constructions, The Weston Paper and Manufacturing Co. submitted 30 specimens representing wood-frame wall, partition, floor, and roof constructions with "Red Stripe" lath. The wall specimens were subjected to compressive, transverse, concentrated, impact, and racking loads; the partition specimens to concentrated and impact loads; the floor specimens to transverse, concentrated, and impact loads; and the roof specimens to transverse and concentrated loads. For each of the loads three like specimens were tested. The transverse, concentrated, and impact loads were applied to both faces of the wall specimens, and for each of these loads six like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented in graphs and in tables.

- (324) STRUCTURAL PROPERTIES OF TWO "DUNSTONE" WALL CONSTRUCTIONS SPONSORED BY THE W. E. DUNN MANUFACTURING CO. by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 38; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued February 7, 1940.—13 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions the W. E. Dunn Manufacturing Co. submitted 24 specimens representing 2 designs of their "Dunstone" constructions for walls. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. For each of these loads three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The results are presented in graphs and in a table.

- (325) STRUCTURAL PROPERTIES OF A WALL CONSTRUCTION OF "PFEIFER UNITS" SPONSORED BY THE WISCONSIN UNITS COMPANY by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 39; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Published January 31, 1940.—14 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

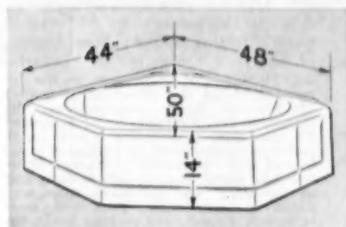
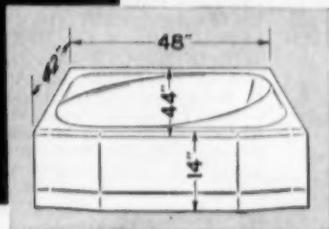
ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Wisconsin Units Co. submitted 18 specimens representing a wall construction of "Pfeifer Units." The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. For each of these loads three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load. The results are presented in graphs and in tables.

- (330) STRUCTURAL PROPERTIES OF PREFABRICATED WOOD-FRAME CONSTRUCTIONS FOR WALLS, PARTITIONS, AND FLOORS SPONSORED BY AMERICAN HOUSES, INC., by Herbert L. Whittemore and Ambrose H.

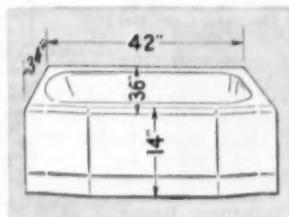


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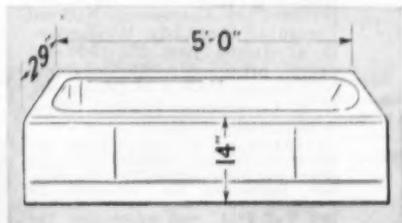
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Stang, with the collaboration of Thomas R. C. Wilson, Forest Products Laboratory; Building Materials and Structures Report BMS 47; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued June 3, 1940.—26 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, American Homes, Inc., New York, N. Y., submitted 39 specimens representing wood-frame wall, partition, and floor constructions. The wall and load-bearing partition specimens were subjected to compressive, transverse, concentrated, impact, and racking loads; the nonload-bearing partition specimens to concentrated and impact loads; the floor specimens to transverse, concentrated, and impact loads. For each of the loads, three like specimens were tested. The transverse, concentrated, and impact loads were applied to both faces of the wall specimens. The deformations under load and the set after the load was removed were measured for uniform increments of load. The results are presented in graphs and tables.

- (331) **STRUCTURAL PROPERTIES OF "PRECISION-BUILT" FRAME WALL AND PARTITION CONSTRUCTIONS SPONSORED BY THE HOMASOTE CO.**, by Herbert L. Whittemore and Ambrose H. Stang, with the collaboration of George E. Heck, Forest Products Laboratory; Building Materials and Structures Report BMS 48; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 13, 1940.—30 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Homasote Co., Trenton, N. J., submitted 63 specimens, representing 2 wall and 1 partition constructions, consisting of wood frames with "Homasote" insulating fiberboard as inside face, as outside face, and as sheathing. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads, for each of which three like specimens were tested. The transverse, concentrated, and impact loads were applied to both faces of the wall specimens. The deformation under load and the set after the load was removed were measured for uniform increments of load. The results are presented in graphs and in tables.

- (332) **STRUCTURAL PROPERTIES OF A MASONRY WALL CONSTRUCTION OF "MUNLOCK DRY WALL BRICK" SPONSORED BY THE MUNLOCK ENGINEERING CO.** by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 53; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued June 13, 1940.—12 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Munlock Engineering Co., submitted 12 specimens representing their "Munlock Dry Wall Brick" wall construction. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads. For each of these loads three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load. The results are presented in graphs and in a table.

- (335) **STRUCTURAL PROPERTIES OF "MU-STEEL" PREFABRICATED SHEET-STEEL CONSTRUCTIONS FOR WALLS, PARTITIONS, FLOORS, AND ROOFS SPONSORED BY HERMAN A. MUGLER** by Herbert L. Whittemore, Ambrose H. Stang, and Vincent B. Phelan; Building Materials and Structures Report BMS 67; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 2, 1941.—25 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, Herman A. Mugler submitted 33 specimens representing his "Mu-Steel" prefabricated sheet-steel wall, partition, floor, and roof constructions. The wall specimens were subjected to compressive, transverse, impact, concentrated, and racking loads; the partition specimens to impact and concentrated loads; the floor specimens to transverse, impact, and concentrated loads; and the roof specimens to transverse and concentrated loads. The transverse, impact, and concentrated loads were applied to both faces of the wall specimens. The impact and concentrated loads were applied to both faces of the partition specimens. The loads simulated the loads to which the elements are subjected in actual service. The deformations under load and the sets after the load was removed were measured for uniform increments of load. The results of the measurements are presented in graphs and tables.

- (337) **STRUCTURAL PROPERTIES OF "PRECISION-BUILT, JR." PREFABRICATED WOOD-FRAME WALL CONSTRUCTION SPONSORED BY THE HOMASOTE CO.** by Archie H. Easton and Mahlon F. Peck, with the collaboration of R. F. Luxford (Forest Products Laboratory); Building Materials and Structures Report BMS 72; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 14, 1941.—14 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Homasote Co., Trenton, N. J., submitted 12 specimens representing a wall construction consisting of a wood frame with "Homasote" insulating fiberboard on both faces. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads; for each load three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load. The results are presented in graphs and in a table.

- (338) **STRUCTURAL AND HEAT-TRANSFER PROPERTIES OF "U.S.S. PANELBILT" PREFABRICATED SHEET-STEEL CONSTRUCTIONS FOR WALLS, PARTITIONS, AND ROOFS SPONSORED BY THE TENNESSEE COAL, IRON & RAILROAD CO.** by Herbert L. Whittemore, Ambrose H. Stang, Vincent B. Phelan, and Richard S. Dill; Building Materials and Structures Report BMS 74; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued June 30, 1951.—28 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural and heat-transfer properties of low-cost house constructions, the Tennessee Coal, Iron & Railroad Co. submitted 42 specimens representing its "U.S.S. Panelbilt" prefabricated sheet-steel constructions. There were two wall constructions, a partition construction, and a roof construction. The wall specimens were subjected to comprehensive transverse, concentrated, impact, and racking loads; the partition specimens to concentrated and impact loads; and the roof specimens to transverse and concentrated loads. Transverse, concentrated, and impact loads were applied to both faces of the wall specimens. The loads simulated the loads to which the specimens are subjected in actual service. The deformations under load and the sets after the load was removed were measured for uniform increments of load. The results are presented in graphs and tables. Heat-transfer properties were determined for one wall specimen by means of tests in a shielded hot-box heat-transfer apparatus. The results are given in a table.

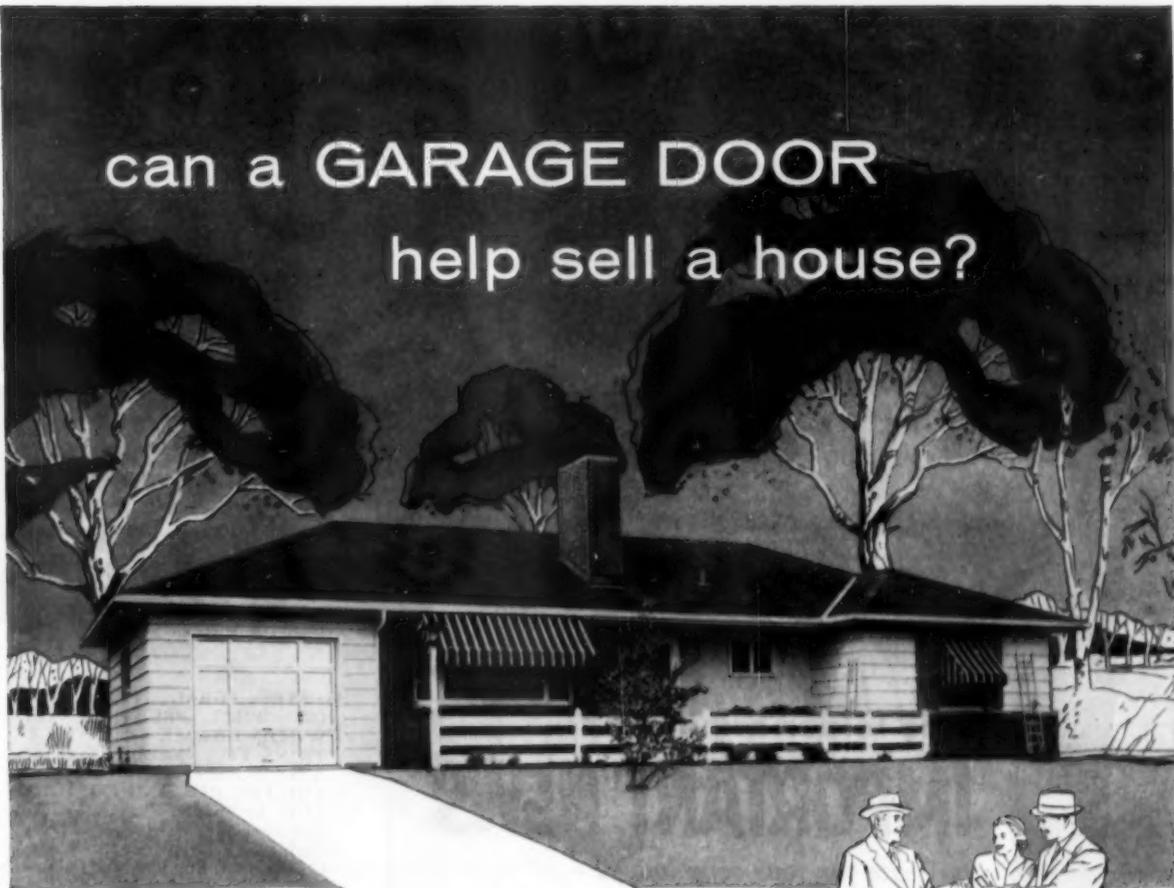
- (340) **STRUCTURAL, HEAT-TRANSFER, AND WATER-PERMEABILITY PROPERTIES OF FIVE EARTH-WALL CONSTRUCTIONS** by Herbert L. Whittemore, Ambrose H. Stang, Elbert Hubbell, and Richard S. Dill; Building Materials and Structures Report BMS 78; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 1, 1941.—55 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (341) **WATER PERMEABILITY OF WALLS BUILT OF MASONRY UNITS** by Cyrus C. Fishburn; Building Materials and Structures Report BMS 82; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 15, 1942.—37 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (342) **STRUCTURAL, HEAT-TRANSFER, AND WATER-PERMEABILITY PROPERTIES OF "SPEED-BRIK" WALL CONSTRUCTION SPONSORED BY THE GENERAL SHALE PRODUCTS CORPORATION** by Mahlon F. Peck, Vincent B. Phelan, Richard S. Dill, and Perry H. Petersen; Building Materials and Structures Report BMS 86; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued July 15, 1942.—17 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the investigation of low-cost house constructions, specimens representing "Speed-brik" masonry wall construction were submitted by General Shale Products Corporation. These specimens were subjected to structural, heat-transfer, and water-permeability tests. The structural specimens were subjected to compressive, transverse, concentrated, impact, and racking loads, for each of which three like specimens were tested. The transverse, concentrated, and impact loads were applied to the inside face of the specimens. The deformation under load and the set after the load was removed were measured for each increment of load. Heat-transfer properties of two specimens were determined in a shielded hot-box heat-transfer apparatus. Nine water-permeability specimens were tested under conditions that simulated exposure to a heavy wind-driven rain.

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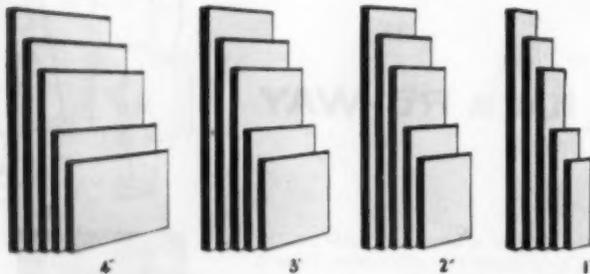
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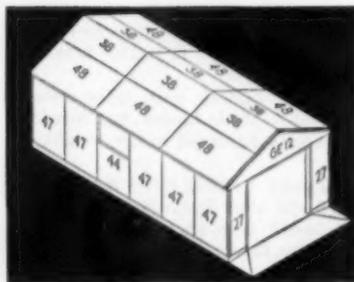
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(343) STRUCTURAL PROPERTIES OF "PRECISION-BUILT, JR." (SECOND CONSTRUCTION) PREFABRICATED WOOD-FRAME WALL CONSTRUCTION SPONSORED BY THE HOMASOTE CO. by W. Gail Hoback, Herman L. Weiss, and Vincent B. Phelan, with the collaboration of the Forest Products Laboratory; Building Materials and Structures Report BMS 89; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued July 17, 1942.—15 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Homasote Co., Trenton, N. J., submitted 18 specimens representing a wall construction consisting of a wood frame with "Homasote" insulating fiberboard on the inside face and bevel siding on the outside face. The specimens were subjected to compressive, transverse, concentrated, impact, and racking loads, for each of which three like specimens were tested. The transverse, concentrated, and impact loads were applied to both faces of the specimens. The deformation under load and the set after the load was removed were measured for each increment of load. The results are presented in graphs and tables.

(344) STRUCTURAL PROPERTIES OF "PHC" PREFABRICATED WOOD-FRAME CONSTRUCTIONS FOR WALLS, FLOORS, AND ROOFS SPONSORED BY THE PHC HOUSING CORPORATION by Mahlon F. Peck, W. Gail Hoback, and Vincent B. Phelan; Carlisle P. Winslow, Forest Service, Collaborator; Building Materials and Structures Report BMS 90; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 18, 1942.—34 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the PHC Housing Corporation submitted 33 specimens representing "PHC" prefabricated wood-frame constructions for walls, floors, and roofs. The wall specimens were subjected to compressive, transverse, concentrated, impact, and racking loads; the floor specimens to transverse, concentrated, and impact loads; and the roof specimens to transverse and concentrated loads. The transverse, concentrated loads were applied to both faces of wall specimens. For each of the loads, three like specimens were tested; the concentrated loads were applied to the same specimens as either the transverse or the impact loads. The loads simulated the loads to which the elements of a house are subjected in actual service. The deformation under load and the set after the load was removed were measured for each increment of load. The results are presented in graphs and tables.

(347) TESTS OF CEMENT-WATER PAINTS AND OTHER WATER-PROOFINGS FOR UNIT-MASONRY WALLS by Cyrus C. Fishburn and Douglas E. Parsons; Building Materials and Structures Report BMS 95; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 15, 1943.—37 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

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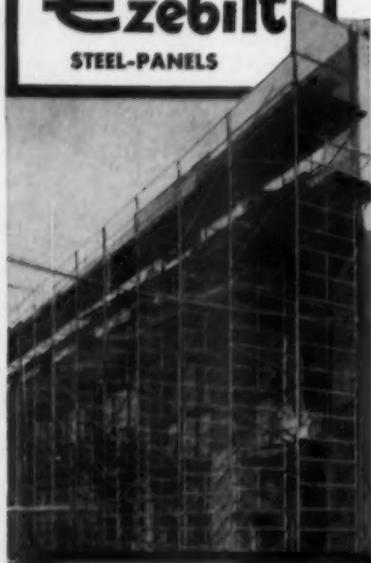
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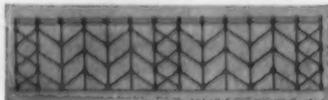
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(349) **STRUCTURAL AND HEAT-TRANSFER PROPERTIES OF "MULTIPLE BOX-GIRDER" PLYWOOD PANELS** FOR WALLS, FLOORS, AND ROOFS SPONSORED BY LOREN H. WITTNER by Herbert L. Whitmore, Vincent B. Phelan, and Richard S. Dill, with the collaboration of R. F. Luford, Forest Products Laboratory; Building Materials and Structures Report BMS 99; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued June 11, 1943.—25 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(352) **FIRE RESISTANCE OF STRUCTURAL CLAY TILE PARTITIONS** by Harry D. Foster, Earl R. Pinkston, and S. H. Ingberg; Building Materials and Structures Report BMS 113; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 29, 1948.—19 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This report indicated the fire resistance that can be expected of structural clay tiles designed for use in partitions, whereas National Bureau of Standards Research Paper 37, FIRE RESISTANCE OF HOLLOW LOAD-BEARING WALL TILE gave the results of fire tests of structural clay tile designed for loadbearing walls. The present report gives the results of fire-endurance or hose-stream tests of 20 structural clay tile partitions tested at the National Bureau of Standards. The partitions were 3, 4 and 6 in. thick, exclusive of the plaster. Some of the partitions were built of tile laid on end, some, with the tile laid on side; and some, with the tile laid alternately on side and on end. The fire-endurance and the hose-stream tests in this series were made on the same partitions. The hose-stream tests indicated that tile partitions can be considered as meeting the hose-stream requirements applicable to their respective fire-resistance ratings. The impetus given to fire-safe construction as the consequence of disastrous fires in buildings of residential occupancy creates a particular demand for the information contained in this report.

(353) **FIRE RESISTANCE OF WALLS OF LIGHTWEIGHT -AGGREGATE CONCRETE MASONRY UNITS** by Harry D. Foster, Earl R. Pinkston, and S. H. Ingberg; Building Materials and Structures Report BMS 117; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 1, 1950.—23 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(354) **FIRE RESISTANCE OF WALLS OF GRAVEL-AGGREGATE CONCRETE MASONRY UNITS** by Harry D. Foster, Earl R. Pinkston, and S. H. Ingberg; Building Materials and Structures Report BMS 120; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 30, 1951.—17 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(355) **FIRE TESTS OF WOOD-FRAMED WALLS AND PARTITIONS WITH ASBESTOS-CE-**

MENT FACINGS by Nolan D. Mitchell; Building Materials and Structures Report BMS 123; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 10, 1951.—14 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(356) **STONE EXPOSURE TEST WALL** by Daniel W. Kessler and R. E. Anderson; Building Materials and Structures Report BMS 125; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued September 20, 1951.—41 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(357) **FIRE TESTS OF GUNITE SLABS AND PARTITIONS** by Nolan D. Mitchell; Building Materials and Structures Report BMS 131; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 12, 1952.—11 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Eight slabs and four partitions made with gunite concrete on wire-fabric reinforcement were subjected to fire-endurance tests at the National Bureau of Standards. The slabs were made with aggregates composed of sand and wood sawdust, the sawdust ranging from 0 to 50 percent by volume of the aggregate. The aggregate for two partitions was sand, a third had a minor amount of asbestos added, and that of the fourth consisted of equal volumes of sand and sawdust. Fire-endurance limits for the slabs increased almost linearly with increased percentages of sawdust incorporated into the mix. Partitions made with sand aggregate only in the concrete or with the addition of a small amount of asbestos fiber to the concrete showed early failure by spalling and holing through. The explosive violence of the disruptions suggested the presence of entrapped water in the dense concrete. A partition made with a concrete having equal volumes of sawdust and sand as aggregates did not spall and failed by a limiting 325 deg F rise of temperature at a single point on the unexposed side after 70 min of fire exposure, whereas the partitions having asbestos and sand or sand only as the aggregate reached fire-endurance limits through explosive spalling in 16 to 26 min. Subsequent to the fire-endurance test, the partition with sawdust successfully withstood the application of the hose-stream test. The effect of the sawdust is to lower the thermal conductivity of the concrete and increase its porosity, thus making easier the escape of moisture in the form of vapor. These tests were undertaken because the use of noncombustible constructions for restricting the spread of fire makes necessary a knowledge of the fire-resistive properties of the materials used in them. In addition to reporting the fire-endurance limits of gunite of conventional cement and sand mix, a means of improving the fire resistance of this type of concrete by modifying the aggregate is presented. Such modifications would probably be effective in other types of concrete as well.

(358) **PROPERTIES OF CAVITY WALLS** by Daniel S. Goalwin; Building Materials and Structures Report BMS 136; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 20, 1953.—15 pages; price 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

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- (359) **SHRINKAGE CHARACTERISTICS OF CONCRETE MASONRY WALLS** by William A. Russell; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., April 1954, as Housing Research Paper 34 (the final paper of this series).—60 pages; price: 40¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This paper reports the results of an extensive study on the shrinkage and other characteristics of concrete masonry walls built with units, produced in commercial plants, containing the four aggregates most commonly used for the bulk of United States production. It is a companion paper to Housing Research Paper 25, "Relation of Shrinkage to Moisture Content in Concrete Masonry Units", included in this reading list as item (514), which was limited to the physical properties of individual concrete masonry units. This paper reports the shrinkage characteristics of these units when laid up in mortar to form masonry walls, which is the end-use of the units. The research forming the basis for this paper was a cooperative effort by Government agencies and industry groups. The Office of the Chief of Engineers, Department of the Army, under one contract, and the Housing and Home Finance Agency, under another, provided funds for observation and collection of data; and industry groups contributed materials, equipment, installations, and special data. It is believed to be the most extensive single piece of research to date in the field of concrete masonry construction. It contains a large amount of factual data which should be valuable for use as a guide to producers of aggregates, cement, lime, concrete blocks, and block-making machinery; and to engineers, architects, and builders. It should also be a valuable reference for standards-setting groups.

- (360) **A DEMONSTRATION OF NEW TECHNIQUES FOR LOW COST HOME CONSTRUCTION** by Raymon H. Harrell, Research Associate, and James T. Lendrum, Director, Small Homes Council, University of Illinois; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., April 1954, as Housing Research Paper 29.—116 pages; price: 60¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

ABSTRACT. The research and studies forming the basis of this report were performed by the University of Illinois, Small Homes Council, pursuant to a contract with the Office of the Administrator, Housing and Home Finance Agency. The work was under the direction of Messrs. Harrell and Lendrum, who also prepared the report. R. A. Jones, architectural consultant, Elizabeth M. Rainey, architect-designer, Jerome W. Schweitzer, research assistant, and two time-study assistants, John Solo Rio and Richard Mayne, all members of the Small Homes Council, were of particular assistance. George A. Speer, Chief, Design and Development Section, Division of Housing Research, was HHFA staff technician. Copies of a 16mm. motion picture film showing each step in the construction process may be obtained, upon request, on a loan basis, from the Office of the Administrator, Housing and Home Finance Agency, Washington 25, D. C. The study itself was undertaken as a field demonstration of those construction techniques, design features, and structural details which have been proved to materially reduce the cost or increase the quality of small house construction. As a part of the study a program of objectives was written, and a low-cost house, of approximately 1,000 square feet of floor area (30' x 34') was designed. Working drawings were made for the basic house and for one alternate orientation. These combined the usual description of size, shape and location of material with specifications of quality and a step-by-step sequence description of the assembly process. Variations in the placing of the house on the lot for different orientations were studied, and

a site plan was made for a small development showing how these variations could be used by a builder to produce an interesting street scene. Two houses were built in Champaign-Urbana, and a detailed time and material study was made. Two additional houses were built in a neighboring state by another contractor, and additional time records were made during their construction. Recommended practices which were shown to have a definite cost reduction effect include modular design, simplified foundation details, precutting of materials, preassembly in jigs, tip-up wall construction, roof trusses and pre-assembled gable ends, simplified plumbing practices, simplified trim, and the extensive use of small power tools. All of the practices which were used were selected to take advantage of the control of assembly techniques possible with modular sized materials. Material quality was controlled, and the lowest in-place cost was secured by balancing material cost against labor time. The techniques used were also limited to those which would be adopted by a small builder or would be equally successful when used by the larger operator. The report is illustrated by 66 architectural drawings, 8 photographs and numerous tables. The following limitation should be noted; the demonstration houses described in this report were developed for use requirements in central Illinois and, consequently, the end product of design practices would not be suitable everywhere. For example, in areas where the people are refugees from heat rather than cold for most of the year, a different set of design requirements would have to be met. However, the principles of design and construction analysis will have quite general application.



(b) Floors

- (401) **STRUCTURAL PROPERTIES OF ONE OF THE "KEYSTONE BEAM STEEL FLOOR" CONSTRUCTIONS SPONSORED BY THE H. H. ROBERTSON COMPANY** by Herbert L. Whittemore, Ambrose H. Stang, and Cyrus C. Fishburn; Building Materials and Structures Report BMS 10; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued December 29, 1938.—8 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the H. H. Robertson Co. submitted six specimens representing one of their cellular sheet-steel floor constructions. The specimens were fabricated with "FKX 18-18" panels covered by a concrete fill and a "Hubbellite" composition finish floor. The specimens were subjected to transverse, impact, and concentrated loads. For each of these loads three like specimens were tested, the concentrated load tests being made on undamaged portions of the specimens for the impact tests. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The strength under transverse load was also determined. The results are presented graphically and in a table.

- (402) **STRUCTURAL PROPERTIES OF "WHEELING LONG-SPAN STEEL FLOOR" CONSTRUCTION SPONSORED BY THE WHEELING CORRUGATING COMPANY** by Herbert L. Whittemore, Ambrose H. Stang, and Vincent B. Phelan; Building Materials and Structures Report BMS 15; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Is-

sued March 21, 1939.—7 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Wheeling Corrugating Co. submitted six specimens representing their "Wheeling Long-Span Steel Floor" construction. The specimens were subjected to transverse, impact, and concentrated loads. For each of these loads three like specimens were tested, the concentrated load tests being made on undamaged portions of the specimens used for the impact tests. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The strength under transverse load was also determined. The results are presented graphically and in a table.

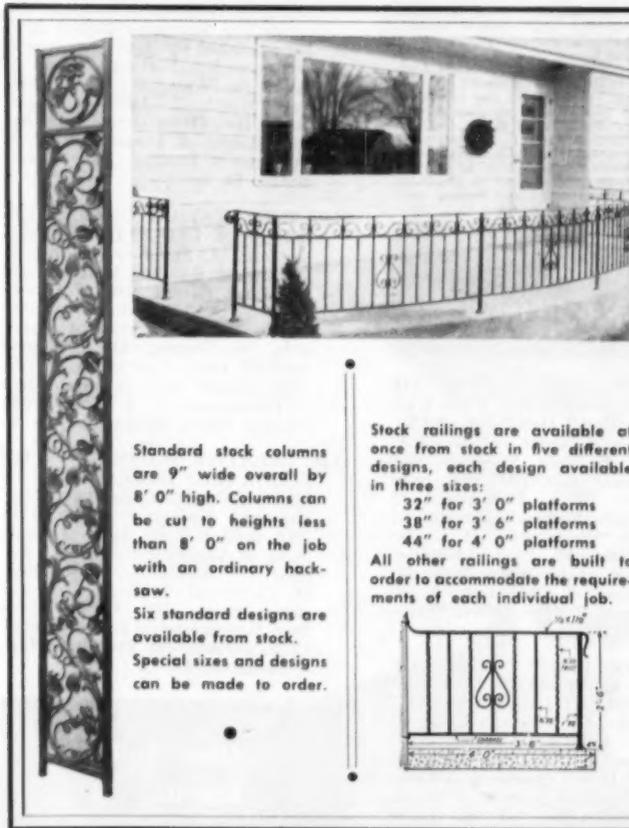
- (411) **STRUCTURAL PROPERTIES OF A "TILECRETE" FLOOR CONSTRUCTION SPONSORED BY TILECRETE FLOORS, INC.** by Herbert L. Whittemore, Ambrose H. Stang, and Cyrus C. Fishburn; Building Materials and Structures Report BMS 16; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 24, 1939.—6 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, Tilecrete Floors, Inc., submitted six specimens representing their "Tilecrete" floor construction. The specimens were subjected to transverse, impact, and concentrated loads. For each of these loads three like specimens were tested, the concentrated-load tests being made on undamaged portions of the specimens used for the impact tests. The deformation under load and the set after the load was removed were measured for uniform increments of load, except for concentrated loads, for which the set only was determined. The strength under transverse load was also determined. The results are presented graphically and in a table.

- (412) **STRUCTURAL PROPERTIES OF "TILECRETE TYPE A" FLOOR CONSTRUCTION SPONSORED BY THE TILECRETE CO.** by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 51; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued June 4, 1940.—11 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Tilecrete Co. submitted six specimens representing its "Tilecrete Type A" floor construction. The specimens were subjected to transverse, impact, and concentrated loads. For each of the loads three like specimens were tested. The deformation under load and the set after the load was removed were measured for uniform increments of load. The strength under transverse load was also determined. The results are presented in graphs and in a table.

- (413) **STRUCTURAL PROPERTIES OF A PRECAST JOIST CONCRETE FLOOR CONSTRUCTION SPONSORED BY THE PORTLAND CEMENT ASSOCIATION** by Herbert L. Whittemore, Ambrose H. Stang, and Douglas E. Parsons; Building Materials and Structures Report BMS 62; published by U. S. Department of



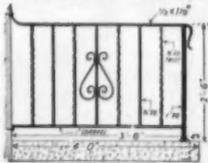
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APRIL 1955

Commerce, National Bureau of Standards, Washington, D. C.—Issued October 31, 1940; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. For the program on the determination of the structural properties of low-cost house constructions, the Portland Cement Association, Chicago, Ill., submitted six specimens representing a floor construction, which consisted of precast concrete joists and bridging and a reinforced-concrete floor slab. The specimens were subjected to transverse, impact, and concentrated loads. All loads were applied to the upper faces of the specimens. For each of these loads three like specimens were tested. The deformation under load and the set after the load was removed were measured for each increment of load. The results are presented in graphs and in a table.

- (414) **FIRE RESISTANCE OF CONCRETE FLOORS** by Daniel S. Coalwin; Building Materials and Structures Report BMS 134; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued December 26, 1952.—11 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (415) **EFFECT OF EDGE INSULATION UPON TEMPERATURE AND CONDENSATION ON CONCRETE-SLAB FLOORS**; by Harold R. Martin, Paul R. Achenbach, and Richard S. Dill; Building Materials and Structures Report BMS 138; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 9, 1953.—21 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Test Equipment; (a) Test structure; (b) Description of floor specimens; (c) Heating equipment; (d) Cooling equipment; (e) Temperature measurements; 3. Test Procedure; 4. Test Results and Discussion; (a) Approach to steady-state conditions; (b) Floor-surface temperatures; (c) Comparison of insulation methods; (d) Effect of wall construction; (e) Isotherms; (f) Condensation; (g) Aging of insulating materials; 5. Conclusions; and 6. References.

- (422) **DEFLECTION CHARACTERISTICS OF RESIDENTIAL WOOD-JOIST FLOOR SYSTEMS** by William A. Russell; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., 1954, as Housing Research Paper 30.—64 pages; price: 40¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This paper presents factual data on the deflection characteristics of conventional wood-joint residential floors, which often control the design of this type of floor. The relation of deflection to plaster cracking is reported for various types of directly nailed lath and plaster combinations. The effect of deflection on vibration that might affect comfort, lateral transfer of concentrated loads between joists, and the effect of various floor components on floor stiffness are presented and discussed. Conclusions reached are that the traditional limiting of deflection under the design live load to 1/360 of the span cannot be depended upon to prevent plaster cracking, where lath is nailed directly to the joists, from a vibration or comfort standpoint, deflection greater than 1/360 of the span probably would not be acceptable to a majority of homeowners. X-type bridging contributes a surprisingly small amount to the lateral transfer of concentrated loads between joists. The data presented

are based on laboratory tests, sponsored by the Housing and Home Finance Agency under a research project, were performed at Forest Products Laboratory, Forest Service, U. S. Department of Agriculture, Madison, Wisconsin. T. B. Hebink was in charge of the laboratory work and compilation of data, under the general direction of R. F. Lutzford. R. F. A. Johnson and L. J. Markwardt of the Laboratory staff also contributed valuable technical assistance in carrying out the project. The paper is illustrated by tables, photographs and figures.

(c) Floor Coverings

- (441) **PERFORMANCE TEST OF FLOOR COVERINGS FOR USE IN LOW-COST HOUSING: PART I** by Percy A. Sigler and Elmer A. Koerner; Building Materials and Structures Report BMS 34; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued January 15, 1940.—14 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (443) **PERFORMANCE TEST OF FLOOR COVERINGS FOR USE IN LOW-COST HOUSING: PART 3** by Percy A. Sigler and Elmer A. Koerner; Building Materials and Structures Report BMS 68; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued January 31, 1941.—23 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (444) **PERFORMANCE TEST OF FLOOR COVERINGS FOR USE IN LOW-COST HOUSING: PART 4** by Percy A. Sigler and Elmer A. Koerner; Building Materials and Structures Report BMS 80; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 2, 1942.—21 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. A performance test was conducted in the floor-testing chamber of the National Bureau of Standards on a fourth series of 40 different installations involving 26 different floor coverings. Specimens of most of the floor coverings were installed on both a concrete and a wood subfloor. Included in the test were cork tiles, rubber tile containing aluminum oxide aggregate, asphalt tile, marbled linoleums, felt-backed floor coverings having various wearing surfaces, strip maples, maple unit-block, pecan unit-block, asphalt mastic, coal-tar mastic, alumina cement-rubber latex composition, magnesium oxychloride composition, and 1:2:4 portland cement concrete. Different underlays and adhesives were also included in the test. The test installations are described and results showing the depth of the depressions in the floor coverings made by the equipment are presented in tables. Brief summaries of the manner in which the various installations performed are given, and their appearance at the end of the test is shown by photographs. A few generalized comments and conclusions are made.

- (445) **INDENTATION AND RECOVERY OF LOW COST FLOOR COVERINGS** by P. A. Sigler and

Myrtle B. Woodward; Building Materials and Structures Report BMS 14; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 7, 1939.—9 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (446) **INDENTATION CHARACTERISTICS OF FLOOR COVERINGS** by Percy A. Sigler and Myrtle B. Woodward; Building Materials and Structures Report BMS 73; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 15, 1941.—7 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (448) **RELATIVE SLIPPERINESS OF FLOOR AND DECK SURFACES** by Percy A. Sigler; Building Materials and Structures Report BMS 100; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued July 1, 1943.—12 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(d) Fiber Building Boards

- (461) **ACCELERATED AGING OF FIBER BUILDING BOARDS** by Daniel A. Jessup, Samuel G. Weissberg and Charles G. Weber; Building Materials and Structures Report BMS 4; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 11, 1938.—7 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (464) **STABILITY OF FIBER SHEATHING BOARDS AS DETERMINED BY ACCELERATED AGING** by Daniel A. Jessup, Charles G. Weber, and Samuel G. Weissberg; Building Materials and Structures Report BMS 69; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued January 22, 1941.—4 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Fiber sheathing boards were aged by exposure to wetting, freezing, drying, and to outdoor weathering. Judgment of stability was based on changes produced in the properties of the boards. The properties tested were weight, thickness, expansivity, thermal conductivity, flexural properties, nail-holding strength, and permeability to air and water. Data were obtained on the resistance of the boards to rot-producing fungi. In general, the retention of the essential properties under the aging treatments was excellent. Practically no loss of insulating value was noted and the strength and water resistance of most of the samples after aging were satisfactory. The boards were not readily subject to mold growth even at excessively high humidities.



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- the cost of painting on-the-job
- the cost of hardware
- the cost of weatherstripping
- the cost of springs and balances
- the cost of stools
- the cost of fitting and later adjusting

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This fully prefabricated, ready-to-install window is one of the greatest time and money savers a builder can use. Here is a *complete* window unit—available in many sizes, styles and shapes—that can be installed on the job in a matter of minutes!

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The most advanced, ready-to-install window design on the market. This Rusco model was engineered to meet the demands of builders and architects engaged in the construction of ranch-type housing and other styles requiring relatively high window placement. This style is also becoming increasingly popular when used as flankers with a fixed picture-window. Completely prefabricated, they are easy to install in minutes—*on the job!*



VERTICAL-SLIDE PRIME WINDOW

This is the basic window in the Rusco line of Prime Windows and includes all the proven engineering principles for which Rusco Windows are famous. Widely accepted by builders and architects—Vertical Slide units can be easily combined in twin or any other multiple combination from picture window with flankers to “window wall” effects. Tubular construction assures maximum strength and rigidity—while smooth, narrow frame members provide a clean, modern appearance.



FULVUE PRIME WINDOWS

This window—a basic vertical slide unit—is highly flexible when used where “walls of glass” or any large glass area is an important part of the architectural design. Units are easily and inexpensively joined in series with Rusco’s streamlined mullions. Available in a wide range of sizes in 2-panel, 3-panel and 4-panel high units. The Rusco Fulvue is another example of the completeness of the line. When you know the Rusco Prime Window features—you’ll find the style to meet any window treatment you want.



AWNING-TYPE PRIME WINDOW

This Aluminum Prime Window is the newest member of the Rusco family. The Awning Type offers architects and builders another important window treatment with all the precision-built qualities and installation economy features that all Rusco Windows are famous for! This window permits complete control of ventilation from the inside of the home. Two or more of any standard types of Rusco Awning Windows may be combined, horizontally or vertically where large glass areas are desired.

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PRIME WINDOWS



RUSCO GLASS LOUVER JALOUSIE WINDOWS
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Here's a brand new Rusco Door at a price you would never expect to see on a quality product of this kind. Precision-made in every fine detail—this door will fill a long-felt need in the home building field. The new door has a full Fiberglas screen that won't rot, corrode or stain *and never needs painting!* Full insulating sashes are available which transform it into a weathertight all-season door and it's fitted with quality hardware and built of sturdy hot-dipped galvanized steel, finished with baked enamel. The attractive and protective grille with personalized initial or individual house number is also available.

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Rusco products are made by The F. C. Russell Company—the world's largest manufacturer of metal windows and doors. These famous quality products carry The Russell Guarantee and are sold by a national network of Rusco Prime Window Distributors and Dealers equipped to give you fast, efficient service and delivery.

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(e) Roofs and Roofing

- (481) "RAISING ROOFS BY HYDRAULIC JACKS LOWERS CONSTRUCTION COSTS" by Stanley P. Stewart; in (H.H.F.A.) *Technical Bulletin No. 17*, issued in June 1951, pages 1-6; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This is the first article the H.H.F.A.'s *Technical Bulletin* has devoted expressly to a proprietary construction method. The Youtz-Slick system is an innovation in building which shows promise of substantial cost savings, and so contributes to achievement of the national housing objectives set by Congress in the Housing Act of 1949. It is intended from time to time to publish other articles of a similar nature. Article is illustrated by five photographs.

- (482) "PREVENTION OF COLD WEATHER ROOF LEAKS" by William A. Russell; in *Housing Research*, Winter 1951-1952; pages 37-45; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. This article alone is available for 10¢ as H.H.F.A. Technical Reprint No. 14. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (483) "IS YOUR ROOF CONSTRUCTION LEAKING DOLLARS?"—Based upon research at New York University, coordinated by Renato Contini; in *Housing Research*, March 1953, pages 1-15; published by the Housing and Home Finance Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Under an H.H.F.A. research project, New York University conducted a test in an attempt to demonstrate techniques for low-cost house construction which will save time and material without a corresponding reduction in quality. This article consists of an interim report from New York University concerning only roof construction. Other phases of the test will be reported upon later. Renato Contini, Coordinator of Research, New York University, is the project director. The article is copiously illustrated by photographs.

- (484) "CLEAR-SPAN ROOF TRUSSES FOR ONE-AND-ONE-HALF STORY HOUSES" by Philip A. Randall; in *Housing Research*, October 1953, pages 21-32; published by the Housing and Home Finance Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (492) SURVEY OF ROOFING MATERIALS IN THE NORTHEASTERN STATES by Hubert R. Snoke and Leo J. Waldron; Building Materials and Structures Report BMS 29; published by U. S. Department of Commerce, National Bureau of Standards, Washington,

D. C.—Issued October 11, 1939.—27 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (493) SURVEY OF ROOFING MATERIALS IN THE NORTH CENTRAL STATES by Hubert R. Snoke and Leo J. Waldron; Building Materials and Structures Report BMS 75; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued July 1, 1941.—21 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (494) SURVEY OF ROOFING MATERIALS IN THE SOUTH CENTRAL STATES by Hubert R. Snoke and Leo J. Waldron; Building Materials and Structures Report BMS 84; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 5, 1942.—19 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (496) METALLIC ROOFING FOR LOW-COST HOUSE CONSTRUCTION by Leo J. Waldron; Building Materials and Structures Report BMS 49; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 7, 1940.—23 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (497) ASPHALT-PREPARED ROLL ROOFINGS AND SHINGLES by Hubert R. Snoke; Building Materials and Structures Report BMS 70; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 10, 1941.—34 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(f) Concrete and Concrete Aggregates

- (511) "FOAMED CONCRETE"—Author not stated; in (H.H.F.A.) *Technical Bulletin No. 16*, issued in November 1950, pages 13-15; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (512) PROPERTIES OF SOME LIGHTWEIGHT—AGGREGATE CONCRETES WITH AND WITHOUT AN AIR-ENTRAINING ADMIXTURE by Perry H. Petersen; Building Materials and Structures Report BMS 112; published

by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 16, 1948.—7 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (513) PROPERTIES OF A POROUS CONCRETE OF CEMENT AND UNIFORM-SIZED GRAVEL by Perry H. Petersen; Building Materials and Structures Report BMS 96; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 18, 1943.—15 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (514) RELATION OF SHRINKAGE TO MOISTURE CONTENT IN CONCRETE MASONRY UNITS by George L. Kalousek, Richard J. O'Heir, Kenneth L. Ziems, and Edwin L. Saxer. Published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., March 1953, as "Housing Research Paper No. 25."—28 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (531) LIGHTWEIGHT CONCRETE AGGREGATES by Perry H. Petersen. Published by Housing and Home Finance Agency, Division of Standardized Building Codes and Materials, Washington, D. C., August 1949.—28 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

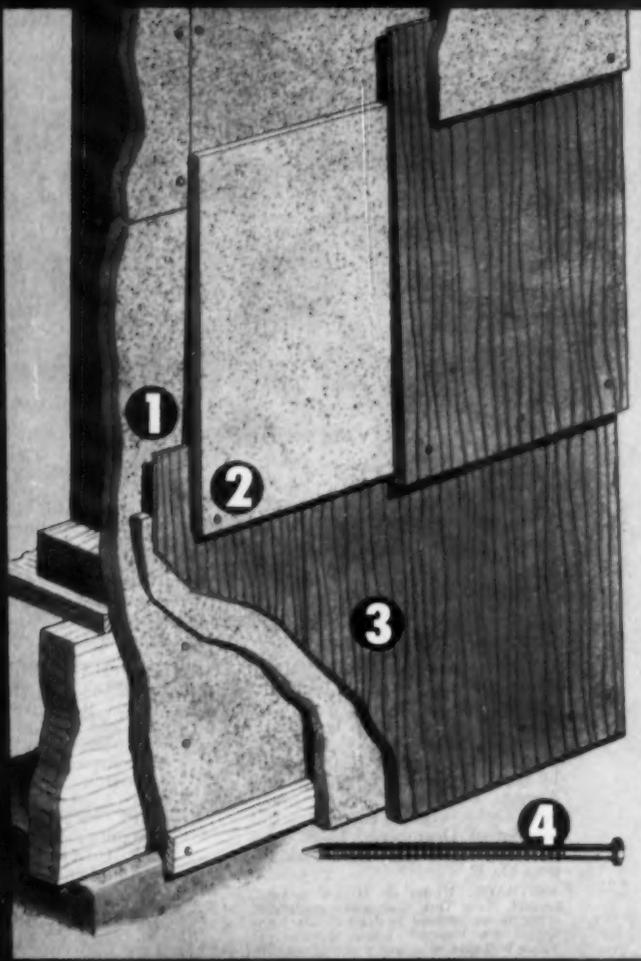
(g) Plumbing and Piping

- (551) BACKFLOW PREVENTION IN OVER-RIM WATER SUPPLIES by Gene E. Golden and Roy B. Hunter; Building Materials and Structures Report BMS 28; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 24, 1939.—17 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (552) STRENGTH OF SOFT-SOLDERED JOINTS IN COPPER TUBING by Arthur R. Maupin, William H. Swanger and Building Materials and Structures Report BMS 58; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued September 20, 1940.—25 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (553) PLUMBING MANUAL—Report of Subcommittee on Plumbing, Central Housing Committee on Research, Design, and Construction. Chairman of Subcommittee

Tennessee builder saves Insulite's Shingle-



A. K. Stewart, Knoxville, Tenn. saves \$102 on homes like this with Insulite's Shingle-Backer System. As Mr. Stewart puts it, "Bildrite and Shingle-Backer go up fast... cut sheathing and under-coursing time almost in half and eliminate costly waste. This approved system gives me a better home, while it cuts costs." Following pictures show how.

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Bildrite Sheathing goes up faster, easier.

Cuts application time as much as 43%. 4-ft. sheets have twice the bracing strength of horizontal wood sheathing, thus save corner-bracing. Waterproofed throughout with asphalt . . . eliminates need for building paper. Can be used or stored anywhere in any weather. Practically eliminates cutting and matching waste.

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Adds extra insulation value to sidewall. Developed by Insulite, the handy panels apply far faster and easier than wood under-course shingles . . . cut application time in half. Produce deep, modern shadow lines. Eliminate waste. Waterproofed throughout with asphalt. Comes in easy-to-handle packages.

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tee; Robert K. Thulman, Federal Housing Administration; Building Materials and Structures Report BMS 66; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued November 22, 1940.—70 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(554) **STRENGTH OF SLEEVE JOINTS IN COPPER TUBING MADE WITH VARIOUS LEAD-BASE SOLDERS** by Arthur R. Maupin and William H. Swanger; Building Materials and Structures Report BMS 83; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 5, 1942.—9 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(555) **STACK VENTING OF PLUMBING FIXTURES** by John L. French; Building Materials and Structures Report BMS 118; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued January 23, 1950.—21 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(556) **WET VENTING OF PLUMBING FIXTURES** by John L. French, Herbert N. Eaton, and Robert S. Wyly; Building Materials and Structures Report BMS 119; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued December 1, 1950.—27 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(557) **SELF-SIPHONAGE OF FIXTURE TRAPS** by John L. French and Herbert N. Eaton; Building Materials and Structures Report BMS 126; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 15, 1951.—32 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(558) **"NOISE IN DOMESTIC WATER SYSTEMS"** by Fred W. McGhan; in (H.H.F.A.) *Technical Bulletin No. 15*, issued in September 1950, pages 17-22; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(559) **PERFORMANCE OF PLUMBING FIXTURES AND DRAINAGE STACKS** by Fred W. McGhan; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., March 1954, as "Housing Research Paper No. 31."—32 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

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ABSTRACT. A comprehensive program of controlled experiments in plumbing has been developed at the National Bureau of Standards, United States Department of Commerce, since the establishment of the Hydraulics Laboratory in 1928. Over a period of years, portions of this program have been accomplished. Earliest efforts were devoted to the size of the stack and its vent. More recent works, such as items (242), (243), (555), (556), and (557) of the present reading list, cover investigations of stack and wet venting, self-siphonage of fixture traps, loading conditions of stacks and branches, frost closure, and the nature of waste flow in stacks and branches. The present publication presents, in summary form, the results of an extension of the investigation (at the N.B.S. Hydraulics Laboratory) into various aspects of plumbing drainage systems. In a few instances, the data obtained in the current investigations have been supplemented with information extracted from reports on other investigations at the National Bureau of Standards. These investigations were sponsored by the Housing and Home Finance Agency under the housing research program authorized in the Housing Act of 1949. The investigations at the National Bureau of Standards were conducted by Robert S. Wyly and Otto Hintz, under the supervision of Herbert N. Eaton, Chief, Hydraulics Section, Mechanical Division. From their findings, Mr. McGhan, mechanical engineer for H.H.F.A., prepared the summary report.

(560) **FROST CLOSURE OF ROOF VENTS IN PLUMBING SYSTEMS** by Herbert N. Eaton and Robert S. Wyly; Building Materials and Structures Report BMS-142; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 25, 1954.—31 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

(h) Septic Tanks and Other Sewage Disposal Systems

(571) **"INDIVIDUAL SEWAGE DISPOSAL SYSTEMS"**—(a) Part 1, in H.H.F.A. *Technical Bulletin No. 7*, November 1948, pages 21-41. (b) Part 2, in H.H.F.A. *Technical Bulletin No. 10*, May-July 1949, pages 17-32. (c) Part 3, in H.H.F.A. *Technical Bulletin No. 11*, September-November 1949, pages 19-37. By scientific and engineering technicians on the staff of the U. S. Public Health Service; published by the Housing and Home Finance Agency, Division of Standardized Building Codes and Materials, Washington, D. C.; price: A few copies of *Technical Bulletin No. 7* are still available. Interested persons should address their requests to the Housing and Home Finance Agency, Washington, D. C. *Technical Bulletin No. 10* sells for 20¢, and *Technical Bulletin No. 11* sells for 25¢. Copies are available from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(572) **INDIVIDUAL SEWAGE DISPOSAL SYSTEMS—Recommendations**

of the Joint Committee on Rural Sanitation (For the members of this Committee, see the "Abstract" section, below.); published by the Federal Security Agency, Public Health Service, Division of Public Health Methods, Washington, D. C., 1950.—vi plus 33 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(574) **STUDIES ON HOUSEHOLD SEWAGE DISPOSAL SYSTEM—PART II** by T. W. Bendixen (Soil Scientist), M. Berk (Chemist), and J. P. Sheehy and S. R. Weibel (Sanitary Engineers), of the Federal Security Agency, Public Health Service, Environmental Health Center, Cincinnati, Ohio, with the assistance of J. M. Inskeep, J. R. Gibbons, H. D. Ray, N. McGuire, G. C. Kennedy, N. C. Settles, and E. C. Fosher. The work proceeded under the administrative direction of Sanitary Engineer Director V. G. MacKenzie. The project was jointly financed by the Housing and Home Finance Agency and the Public Health Service equally. Project technicians for H.H.F.A. were Laurence Shuman, of the Office of the Administrator, and J. R. Simpson, of the Federal Housing Administration; published by the Federal Security Agency, Public Health Service, Environmental Health Center, Cincinnati, Ohio, 1950.—94 pages; price: 55¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(581) **SEPTIC TANKS—THEIR USE IN SEWAGE DISPOSAL**—No author shown. But see names given below; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., December 1951, as "Housing Research Paper No. 18."—16 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(583) **SEPTIC TANK SYSTEMS AND GARBAGE GRINDERS** by Fred W. McGhan; in (H.H.F.A.) *Technical Bulletin No. 17*, issued in June 1951, pages 11-16; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington D. C.

(584) **SEPTIC TANK SOIL ABSORPTION SYSTEMS FOR DWELLINGS** (Construction Aid 5); by Fred W. McGhan; copiously illustrated by William W. McMaster; published by the Division of Housing Research, Housing and Home Finance Agency, Washington, D. C., February, 1954.—34 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Connection to Public Sewer; (a) Individual disposal system; (b) Approval required; (c) Design assistance; 3. Type of System; (a) Some locations unsuitable;



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(b) Location of lot; (c) Protection of water source; (d) Provision for future sewer connection; (e) Clearances for tank and field; 4. Septic Tanks; (a) Tank shapes; (b) Tank materials; (c) Tank design; (d) Tank size; (i) Allowance for future bedroams; (ii) Allowance for water-using equipment, chemicals; (e) Single-compartment, manufactured tanks; (f) Single-compartment, built-in-place tanks; (g) Poured concrete tanks; (h) Brick and concrete- or cinder-block tanks; (i) Single-compartment tanks, other shapes; (j) Compartmented tanks; (i) Design; (k) Increasing existing tank capacity; (l) General considerations; 5. Disposal or Absorption Fields; (a) Disposal field design; (b) Distribution box; (c) Field layout; (d) Field construction; (e) Distribution piping; (f) Gravel or other coarse materials around distribution pipe; (ii) Other considerations; (f) Size of absorption field; (g) Percolation test; (h) Percolation rate; 6. Seepage pits; (a) Location; (b) Effective absorption area; (c) Absorption by seepage; pits only; (d) Combination absorption systems; (e) Construction of pits; (f) Sand filter trenches; (i) Location; (ii) Filter area required; (g) Construction of trenches; (h) Filter material; 7. Maintenance; (a) Cleaning period; (b) Removal and disposal of sludge; 8. Records; 9. Bibliography.

(i) Garbage Grinders

(591) "FOOD WASTE DISPOSAL UNITS." by Laurence Shuman; in *Housing Research*, October 1952, pages 41-56. Published by the Housing and Home Finance Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(j) Paint and Painting Techniques

(602) PAINTING STEEL BY Wilbur C. Porter; Building Materials and Structures Report BMS 102; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 16, 1944.—12 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(603) PAINT MANUAL WITH PARTICULAR REFERENCE TO FEDERAL SPECIFICATIONS by Percy H. Walker and Eugene F. Hickson; Building Materials and Structures Report BMS 105; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 11, 1945.—165 pages; price: \$1.00. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

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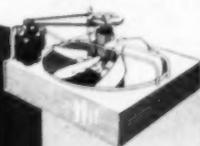
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(605) "ACCELERATED WEATHERING TEST OF TREATMENTS, PRIMING COAT AND FINISH PAINT FOR ALUMINUM SHEET METAL" by Perry H. Petersen; in (H.H.F.A.) *Technical Bulletin No. 17*, issued in June 1951, pages 7-10; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(606) "SELECTION OF DURABLE EXTERIOR WHITE HOUSE PAINT," by William A. Russell; in *Housing Research*, March 1953, pages 17-31; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

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(621) PERFORMANCE OF A COAL-FIRED BOILER CONVERTED TO OIL by Richard S. Dill and Paul R. Achenbach; Building Materials and Structures Report BMS 111; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 20, 1948.—11 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(622) TEMPERATURES IN A TEST BUNGALOW WITH SOME RADIANT AND JACKETED SPACE HEATERS by Paul R. Achenbach; Building Materials and Structures Report BMS 114; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued January 28, 1949.—44 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(623) A STUDY OF A BASEBOARD CONVECTOR HEATING SYSTEM IN A TEST BUNGALOW by Paul R. Achenbach and Edward M. Tierney; Building Materials and Structures Report BMS 115; published by the U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 1, 1949.—20 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(624) PERFORMANCE OF MASONRY CHIMNEYS FOR HOUSES

by R. K. Thulman. Published by Housing and Home Finance Agency Division of Housing Research, Washington, D. C., as "Housing Research Paper No. 13," (Revised and Reprinted from "Technical Paper No. 13," August 1949), November 1952.—46 pages; price 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(625) "METALS SAVING TRENDS IN DOMESTIC HEATING" by Robert K. Thulman; in *Housing Research*, Winter 1951-1952, pages 1-6. Published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

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(641) "DURABILITY OF MOISTURE-RESISTANT MEMBRANE MATERIALS IN CONTACT WITH THE GROUND" by William A. Russell; in *Housing Research*, October 1952, pages 23-28; published by Housing and Home Finance Agency, Washington, D. C.; price: 30¢. This article alone is available for 5¢ as H.H.F.A. Technical Reprint No. 15. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(642) "PREVENTION OF DAMPNES IN BASEMENTS" by Perry H. Petersen; in *Technical Bulletin No. 14*, pages 15-21; published May-July 1950 by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. This paper alone is available for 10¢ as H.H.F.A. Technical Reprint No. 11. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(643) "WATER VAPOR TRANSMISSION OF BUILDING MATERIALS USING FOUR DIFFERENT TESTING METHODS" by Ralph R. Britton and Robert C. Reichel; in *Technical Bulletin No. 12*, pages 13-15; published in January 1950 by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(644) "REPORT ON TESTS FOR CONDENSATION ON REFLECTIVE INSULATION UNDER WOODEN FLOOR" by Laurence Shuman; in *Technical Bulletin No. 12*, pages 9-12; published in January 1950 by the Housing and Home Finance Agency, Division of

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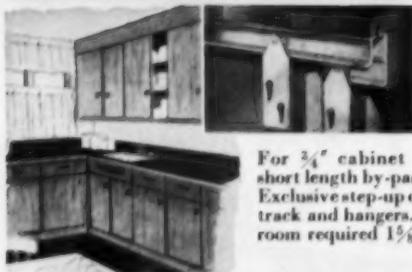
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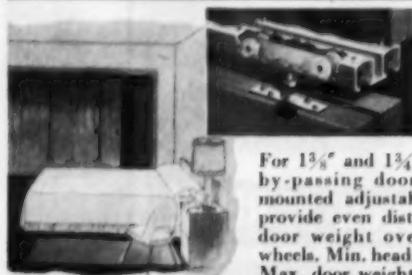


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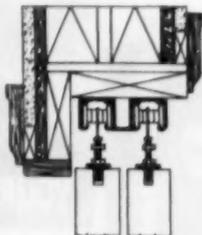


DOOR WIDTH	ROUGH OPENING WIDTH		
	2 DOOR	3 DOOR	4 DOOR
12"	23 1/4"	34 1/2"	46 1/2"
16"	31 1/4"	46 1/2"	62 1/2"
24"	47 1/4"	70 1/2"	94 1/2"
30"	59 1/4"	88 1/2"	118 1/2"
36"	71 1/4"	106 1/2"	142 1/2"
To find opening width for other door sizes	2 x door width less 1/4"	3 x door width less 1/2"	4 x door width less 1 1/2"
To find door sizes if opening width is known	Opening ÷ 2 plus 1/4"	Opening ÷ 3 plus 1/2"	Opening ÷ 4 plus 1 1/2"



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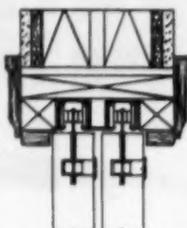


DOOR WIDTH	ROUGH OPENING WIDTH		
	2 DOOR	3 DOOR	4 DOOR
24"	49 1/4"	72 1/2"	96 1/2"
28"	57 1/4"	84 1/2"	112 1/2"
30"	61 1/4"	90 1/2"	120 1/2"
32"	65 1/4"	96 1/2"	128 1/2"
36"	73 1/4"	108 1/2"	144 1/2"
Opening widths for other door sizes	2 x door width + 1 1/4"	3 x door width + 1/2"	4 x door width + 1/2"
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DOOR WIDTH	ROUGH OPENING WIDTH		
	2 DOOR	3 DOOR	4 DOOR
24"	49 1/4"	72 1/2"	96 1/2"
28"	57 1/4"	84 1/2"	112 1/2"
30"	61 1/4"	90 1/2"	120 1/2"
32"	65 1/4"	96 1/2"	128 1/2"
36"	73 1/4"	108 1/2"	144 1/2"
Opening widths for other door sizes	2 x door width + 1 1/4"	3 x door width + 1/2"	4 x door width + 1/2"
To find rough opening heights	Door Height + 3 1/2"		



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DOOR WIDTH	ROUGH OPENING WIDTH		
	2 DOOR	3 DOOR	4 DOOR
12"	25 1/4"	38 1/2"	48 1/2"
16"	33 1/4"	48 1/2"	64 1/2"
24"	49 1/4"	72 1/2"	96 1/2"
30"	61 1/4"	84 1/2"	112 1/2"
32"	65 1/4"	90 1/2"	120 1/2"
36"	73 1/4"	108 1/2"	144 1/2"
Rough opening widths for other door sizes	2 x door width + 1 1/4"	3 x door width + 1/2"	4 x door width + 1/2"
To size door widths if opening is known	1/2 R.O. - 1/2" = door width	1/3 R.O. - 1/2" = door width	1/4 R.O. - 1/2" = door width
Rough opening height for 6'8" doors	= 6'11 1/2" or door height + 3 1/2"		

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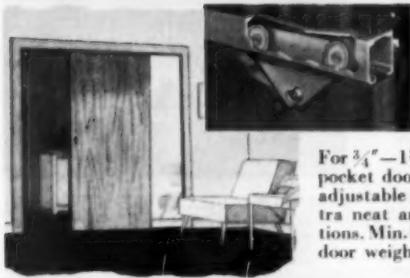
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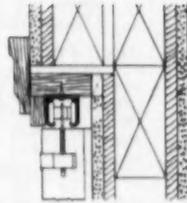
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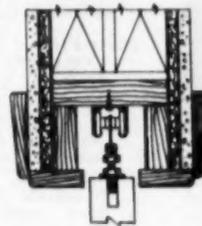
DOOR WIDTH	ROUGH OPENING WIDTH
24"	49 $\frac{1}{8}$ "
28"	57 $\frac{1}{8}$ "
30"	61 $\frac{1}{8}$ "
32"	65 $\frac{1}{8}$ "
36"	73 $\frac{1}{8}$ "

For other width doors: 2 x door width plus 1 $\frac{1}{8}$ ".
Rough opening height = door height + 3 $\frac{1}{8}$ ".



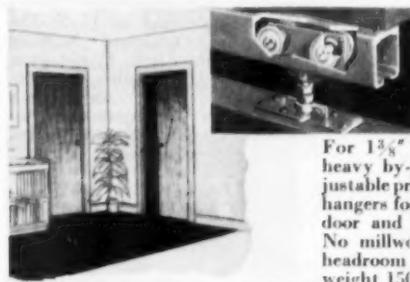
Series 350

For $13\frac{1}{8}$ " closed pocket door installations. Center mounted adjustable hangers provide even distribution of door weight over 8 nylon wheels. Min. headroom 1 $\frac{13}{16}$ ". Max. door weight 100 lbs.



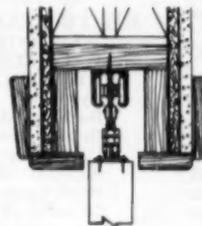
DOOR WIDTH	ROUGH OPENING WIDTH
24"	49 $\frac{1}{8}$ "
28"	57 $\frac{1}{8}$ "
30"	61 $\frac{1}{8}$ "
32"	65 $\frac{1}{8}$ "
36"	73 $\frac{1}{8}$ "

For other width doors: 2 x door width plus 1 $\frac{1}{8}$ ".
Rough opening height = door height + 4 $\frac{1}{8}$ ".



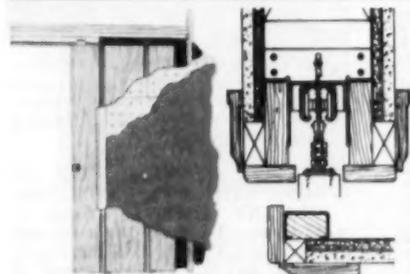
Series 400-A

For $13\frac{1}{8}$ " closed pocket or heavy by-passing doors. Adjustable precision ball-bearing hangers for easy alignment of door and smooth operation. No millwork required. Min. headroom 2 $\frac{3}{4}$ ". Max. door weight 150 lbs.



DOOR WIDTH	ROUGH OPENING WIDTH
24"	49 $\frac{1}{8}$ "
28"	57 $\frac{1}{8}$ "
30"	61 $\frac{1}{8}$ "
32"	65 $\frac{1}{8}$ "
36"	73 $\frac{1}{8}$ "

Any door width = 2 x door width + 1 $\frac{1}{8}$ ".
Rough opening height = door height + 3".
Lengths up to 20 feet available on special order.

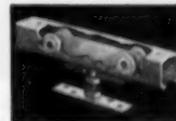


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Kennaframe 800 has Series 400A factory installed. Header and jambs prime coated.

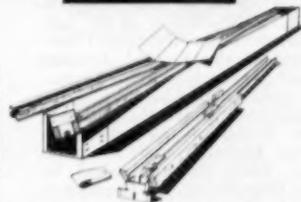


Kennaframe 900 has Series 350 factory installed.

PART NO.	PART NO.	SIZE DOOR	ROUGH OPENING	SHIP WT.
820	920	2'0" x 6'8"	4'1" x 7'2 $\frac{1}{2}$ "	47 lbs.
824	924	2'4" x 6'8"	4'9" x 7'2 $\frac{1}{2}$ "	48 lbs.
826	926	2'6" x 6'8"	5'1" x 7'2 $\frac{1}{2}$ "	49 lbs.
828	928	2'8" x 6'8"	5'5" x 7'2 $\frac{1}{2}$ "	50 lbs.
830	930	3'0" x 6'8"	6'1" x 7'2 $\frac{1}{2}$ "	52 lbs.

COMPLETE PACKAGE

for easy storage, handling and assembly. Track and hangers are secured to header. Wood nailing strips are in place, jambs properly spaced, all required bolts, nuts, screws and instructions included.



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Housing Research, Washington, D. C.; price 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (645) "WATER VAPOR RESISTANCE OF BUILDING MATERIALS" by Ralph R. Britton and Robert C. Reichel; in (H.H.F.A.) *Technical Bulletin No. 11*, issued September-November, 1949, pages 7-13; published by the Housing and Home Finance Agency, Division of Standardized Building Codes and Materials, Washington, D. C.; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(m) Electrical Wiring

- (661) "ASPECTS OF ELECTRICAL CONDUIT INSTALLATIONS IN HOUSES" by Jefferson D. Brooks; in *Technical Bulletin No. 12*, pages 1-7; published in January 1950 by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.
- (662) "LOW-COST WIRING METHODS AND MATERIALS FOR HOUSES" by Jefferson D. Brooks; in (H.H.F.A.) *Technical Bulletin No. 13*, issued in March 1950, pages 17-28; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(n) Fire Resistance of Materials

- (681) FIRE RESISTANCE CLASSIFICATIONS OF BUILDING CONSTRUCTIONS—Report of the Subcommittee on Fire-Resistance Classifications of the Central Housing Committee on Research, Design, and Construction. Chairman of the Subcommittee: John W. Dunham, Public Buildings Administration; Building Materials and Structures Report BMS 92; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 7, 1942.—70 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (682) TESTS OF STEEL COLUMNS PROTECTED WITH SILICEOUS AGGREGATE CONCRETE by Nolan D. Mitchell; Building Materials and Structures Report

BMS 124; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 25, 1951.—12 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (683) FIRE RESISTANCE OF SHUTTERS FOR MOVING STAIRWAY OPENINGS by Nolan D. Mitchell, Edward D. Bender, and James V. Ryan; Building Materials and Structures Report BMS 129; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 1, 1952.—9 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (684) FIRE TESTS OF STEEL COLUMNS ENCASED WITH GYPSUM LATH AND PLASTER by Nolan D. Mitchell and James V. Ryan; Building Materials and Structures Report BMS 135; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 3, 1953.—14 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (685) FIRE ENDURANCE OF OPEN-WEB STEEL-JOIST FLOORS WITH CONCRETE SLABS AND GYPSUM CEILINGS by James V. Ryan and Edward W. Bender; Building Materials and Structures Report BMS 141; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 23, 1954.—17 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.
- ABSTRACT. The results presented were obtained in a program of 18 fire tests on open-web steel-joint floors, 16 of which were protected by ceilings of gypsum-perlite plaster on gypsum lath "furred" directly to the joists. Variables included plaster thickness, plaster mixes, spacing of furring channels, system of lath clips, reinforcing in the ceilings, and type of floor slab. An acoustical plaster finish was applied to one ceiling. The range of fire endurances obtained, from 1 hour to 4 hours 26 minutes, was sufficient to cover the requirements for floors in many building codes. The importance of the ceiling's protective function was demonstrated in two tests without ceilings, in each of which failure occurred at 7 minutes. The text is illustrated by photographs, drawings and graphs, and a cross-section drawing of the large floor-test furnace at the National Bureau of Standards.

(o) Nails and Nailing

- (701) TECHNIQUE OF HOUSE NAILING by Forest Products Laboratory, Forest Service, U. S. Department of Agriculture, in collaboration with the technical staff of the Housing and Home Finance Agency; published by Housing and Home Finance Agency, Technical Staff, Washington, D. C., November 1947.—53 pages; price: 15¢.

Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(p) Miscellaneous Building Materials

- (711) SUITABILITY OF FIBER INSULATING LATH AS A PLASTER BASE by Lansing S. Wells and D. C. Smith; Building Materials and Structures Report BMS 3; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 23, 1938.—17 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (714) STRENGTH, ABSORPTION, AND RESISTANCE TO LABORATORY FREEZING AND THAWING OF BUILDING BRICKS PRODUCED IN THE UNITED STATES by John W. McBurney and Joseph C. Richmond; Building Materials and Structures Report BMS 60; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued November 5, 1940.—56 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (715) INVESTIGATION OF FAILURES OF WHITE-COAT PLASTER by Lansing S. Wells, Walter F. Clarke, Edward S. Newman, and Dana L. Bishop; Building Materials and Structures Report BMS 121; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C. Issued February 1, 1951.—42 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (716) PHYSICAL PROPERTIES OF SOME SAMPLES OF ASBESTOS-CEMENT SIDING by Cyrus C. Fishburn; Building Materials and Structures Report BMS 122; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued July 6, 1951.—15 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (717) EFFECT OF AGING ON THE SOUNDNESS OF REGULARLY HYDRATED DOLOMITIC LIME PUTTIES by Lansing S. Wells, Walter F. Clarke, and Ernest M. Levin; Building Materials and Structures Report BMS 127; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 25, 1952.—14 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(718) **ATMOSPHERIC EXPOSURE TESTS OF NAILED SHEET-METAL BUILDING MATERIALS** by Theodore H. Orem; Building Materials and Structures Report BMS 128; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued March 28, 1952.—24 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(721) **STRUCTURAL PROPERTIES OF LIGHT-GAGE TUBULAR COLUMNS** by William A. Russell, Structural Engineer, Housing and Home Finance Agency. The investigations on which this report is based were performed in the laboratories of the National Bureau of Standards. Published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., in October 1953, as its "Housing Research Paper No. 21."—39 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(722) **INFLUENCE OF THE WASH FROM BRONZE ON THE WEATHERING OF MARBLE** by Daniel W. Kessler and Ross E. Anderson; Building Materials and Structures Report BMS 137; published by the National Bureau of Standards, U. S. Department of Commerce, Washington, D. C.—Is-

sued 1953.—11 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(723) **STUDIES OF STONE-SETTING MORTARS**; by Daniel W. Kessler and Ross E. Anderson; Building Materials and Structures Report BMS-139; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued November 23, 1953.—23 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Several mortars were studied for bonding strengths to four types of stone, dimensional changes under three conditions of storage, and frost resistance. Higher bonding strength was obtained for mortars to fine-grained stones than to coarse-grained stones. Indications were found that mortars shrink more in a vertical direction than horizontally. If shrinkage cracks form in the specimen, the measurements will be too low. Tests on mortars cast and cured in contact with porous materials gave higher strengths and lower absorptions than were obtained on specimens cured in nonabsorptive molds. Ground limestone was found to be a satisfactory plasticizing agent. Some studies were made of mortars in structures and certain recommendations are made for selecting mortars for use in stone masonry. Stone masonry structures sometimes exhibit defects such as spalling at mortar joints, separation of mortar from stone in vertical joints, discoloration, and efflorescence. These are often attributed to the mortar. To determine the extent to which mortars are responsible for undesired performance in stone masonry and to serve as a guide in the selection of suitable mortars, laboratory tests on several types applied to the more common varieties on building stone were conducted.

(a) Quantities of Building Materials Consumed

(751) **THE MATERIALS USE SURVEY: A STUDY OF THE NATIONAL AND REGIONAL CHARACTERISTICS OF ONE-FAMILY DWELLINGS BUILT IN THE UNITED STATES IN THE FIRST HALF OF 1950** (revised edition) by E. Everett Ashley, 3d, Philip A. Randall, George R. Kinzie, and Robert Strelitz, Max Lipowitz, Staff Technician; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., March 1953.—26 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(752) **"TRAILER COACH INDUSTRY SURVEY FOR THE YEAR 1950"** by Philip A. Randall and Robert L. Strelitz; in *Housing Research*, Spring 1952, pages 15-27; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

PART V

(a) Analysis of the Industry

(801) **"THE CONSTRUCTION INDUSTRY"**—Chapter 6 (pages 146-163) of **URBAN LAND ECONOMICS** by Richard U. Ratcliff; published by McGraw-Hill Book Company, Inc., New York, N. Y.; 1949.—533 pages; price: \$6.50

(802) **"THE BUSINESS OF HOUSEBUILDING"**—Chapter 3 (pages 59-94) of **AMERICAN HOUSING; PROBLEMS AND PROSPECTS**; The Factual Findings By Miles L. Colean; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

(803) **"THE MANAGEMENT OF THE HOUSEBUILDING INDUSTRY"**—Chapter 4 (pages 95-130) of **AMERICAN HOUSING; PROBLEMS AND PROSPECTS**; The

Factual Findings By Miles L. Colean; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

(804) **"CHANGES IN HOUSEBUILDING ORGANIZATIONS"**—Section 3 of Chapter 5: **Industrial Trends in Housebuilding, of AMERICAN HOUSING; PROBLEMS AND PROSPECTS**; The Factual Findings By Miles L. Colean; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

(805) **"THE NATURE OF THE HOME BUILDING INDUSTRY"**—Chapter 7 (pages 23-25) of **HOUSING . . . USA!** published by The National Association of Home

Builders, Washington, D. C. Not dated, but published in September 1952.—36 pages; price: 10¢. Free to members of NAHB.

(806) **"HOME BUILDING"**—Chapter 2 (pages 220-258) in Section Five: **Land Development and Home Building, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(807) **"THE BACKWARDNESS OF THE HOUSEBUILDING INDUSTRY"** (Conclusions concerning)—Section 1(b) of Chapter 12: **Conclusions and Recommendations of the Housing Committee, of AMERICAN HOUSING; PROBLEMS AND PROSPECTS**; The Factual Findings By Miles L. Colean; The

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Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

(808) **HOUSEBUILDING IN TRANSITION** by Sherman J. Maisel; published by University of California Press, 1953.—390 pages; price: \$5.00. Order copies from University of California Press, Berkeley, California, or Los Angeles, California.

(809) **THE BUSINESS OF HOME BUILDING: A MANUAL FOR CONTRACTORS**; edited by B. Kenneth Johnstone (Professor of Architecture, Carnegie Institute of Technology, Pittsburgh, Pa.) and Charles E. Joern (Wm. Joern and Sons, Realtor and Builder, Chicago, Ill.); published by McGraw-Hill Book Company, Inc., New York, Toronto, London, 1950.—289 pages; price: \$4.00. Order copies from McGraw-Hill Book Company, 330 West 42nd Street, New York 36, N. Y.

ABSTRACT. Normally, almost one-half of all dollars spent each year in the United States goes into the building of homes. The significance of this fact becomes even greater when it is considered that more than 90 percent of all house-building is usually done by builders who produce less than ten houses per year. This book has been planned to familiarize these small builders with the rudiments of the vast and complex home building industry. Assistance in the preparation of the volume was given by Lulu A. S. Tarbert, Letitia S. Anderson, Norman H. Dawes and William Gaskill.

(b) Management Problems

(821) **"OFFICE RECORDS AND INSTALLMENT PAYMENT POLICIES"** (in Subdividing)—Chapter 30 (pages 291-299) of **REAL ESTATE SUBDIVISIONS** by Stanley L. McMichael; published by Prentice-Hall, Inc.; New York, N. Y., 1949.—394 pages; price: \$5.75.

(822) **"LICENSE LAWS GOVERNING BROKERS AND SALESMEN"**—Chapter 1 (pages 391-417) in Section Nine: **Brokers' License Laws and Code of Ethics, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00.

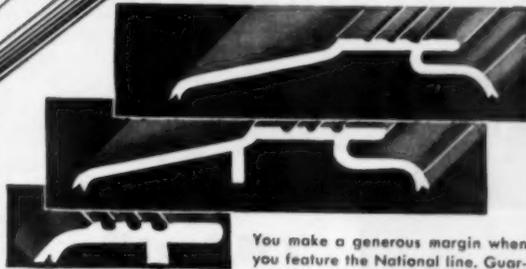
(824) **"TAXES AND ASSESSMENTS"**—Chapter XXIV (pages 451-469) of **REAL ESTATE ANALYSIS** by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.—576 pages; price: \$6.00.

(825) **RECORD KEEPING FOR THE SMALL HOME BUILDER** by R. L. Brummet and D. A. Thomas; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., January 1952.—85 pages; price: \$1.25. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

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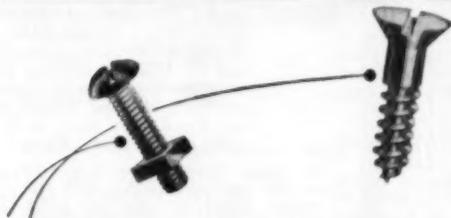
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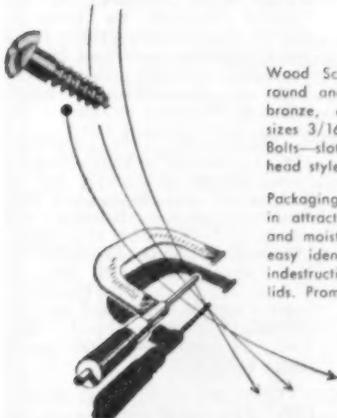
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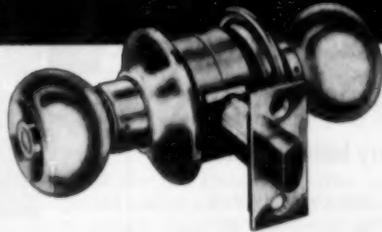
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(826) FIELD INSPECTORS' CHECK LIST FOR BUILDING CONSTRUCTION—Report of Subcommittee on Structure, Central Housing Committee on Research, Design, and Construction (Vincent B. Phelan, Chairman); Building Materials and Structures Report BMS

PART VI

(a) Theory and Principles of Housing Finance

(841) "TYPES AND USES OF REAL ESTATE FINANCING"—Chapter 1 of (pages 293-296) in Section Seven: Financing, of THE REAL ESTATE HANDBOOK; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(842) "FINANCING HOME OWNERSHIP"—Chapter 2 (pages 297-310) in Section Seven: Financing, of THE REAL ESTATE HANDBOOK; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(843) "THE BROKER'S FUNCTIONS IN FINANCING"—Chapter 3 (pages 311-321) in Section Seven: Financing, of THE REAL ESTATE HANDBOOK; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(844) "NEW HOME PRICE SHIFTS, 1951-1952 UNDER CREDIT CONTROLS AS AMENDED IN 1951" by Henry B. Schechter; in *Housing Research*, March 1953, pages 33-42; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(845) "HOME FINANCING: 1949-51—CHANGES UNDER CREDIT CONTROLS" by Henry B. Schechter; in *Housing Research*, Winter 1951-1952, pages 7-18; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(846) "HIGHLIGHTS OF OUTSTANDING RESIDENTIAL MORTGAGE DEBT ANALYSIS." by Henry B. Schechter; in *Housing*

81; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued April 8, 1942.—68 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Financing

Research, October 1953, pages 41-54; published by the Housing and Home Finance Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(847) "NATIONAL AND LOCAL MORTGAGE MARKET STRUCTURES" by Henry B. Schechter; in *Housing Research*, October 1952, pages 9-22; published by the Housing and Home Finance Agency, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(848) "HOUSING INVESTMENT AND FINANCE"—Chapter 9 (pages 225-256) of AMERICAN HOUSING; PROBLEMS AND PROSPECTS; The Factual Findings By Miles L. Colean; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

(849) "RELATION OF FINANCE TO THE PROBLEM OF DISTRIBUTION"—Section 3 of Chapter 11: Removing the Obstacles, of AMERICAN HOUSING; PROBLEMS AND PROSPECTS; The Factual Findings By Miles L. Colean; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

(850) "PROBLEMS IN INVESTMENT AND FINANCE" (Conclusions concerning)—Section 1(d) of Chapter 12: Conclusions and Recommendations of the Housing Committee, of AMERICAN HOUSING; PROBLEMS AND PROSPECTS; The Factual Findings By Miles L. Colean; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

(851) "GOVERNMENT AND HOUSING FINANCE"—Section 2 of Chapter 10: Government and the Housing Market, of AMERICAN HOUSING; PROBLEMS AND PROSPECTS; The Factual Findings By Miles L. Colean; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

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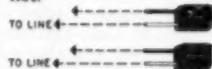
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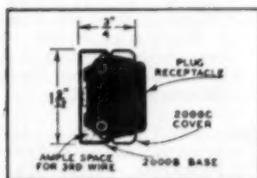
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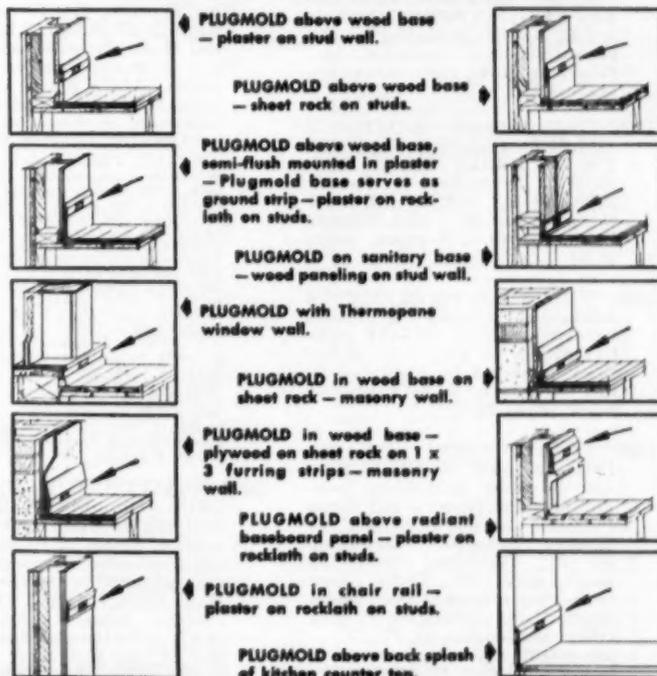
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(852) "MORTGAGES" - Chapter IX (pages 157-173) of REAL ESTATE ANALYSIS by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.-576 pages; price: \$6.00

(853) "REAL ESTATE FINANCING AND RISKS"-Chapter XIX (pages 345-364) of REAL ESTATE ANALYSIS by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.-576 pages; price: \$6.00

(854) "LOANS AND TERMS" (Construction Loans, etc.)-Chapter XX (pages 365-380) of REAL ESTATE ANALYSIS by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.-576 pages; price: \$6.00

(855) "SOURCES OF FUNDS-PRIMARY MARKETS"-Chapter XXI (pages 381-402) of REAL ESTATE ANALYSIS by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.-576 pages; price: \$6.00

(856) "SOURCES OF FUNDS-SECONDARY MARKETS"-Chapter XXII (pages 403-428) of REAL ESTATE ANALYSIS by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.-576 pages; price: \$6.00

(857) "URBAN LAND CREDIT"-Chapter 8 (pages 207-232) of URBAN LAND ECONOMICS by Richard U. Ratcliff; published by McGraw-Hill Book Company, Inc., New York, N. Y., 1949.-533 pages; price: \$6.50

(858) "THE HOME MORTGAGE MARKET"-Chapter 9 (pages 233-279) of URBAN LAND ECONOMICS by Richard U. Ratcliff; published by McGraw-Hill Book Company, Inc., New York, Toronto, London, 1949.-533 pages; price: \$6.50

(859) "FINANCING PROBLEMS" (of Subdividing)-Chapter 12 (pages 100-106) of REAL ESTATE SUBDIVISIONS by Stanley L. McMichael; published by Prentice-Hall, Inc., New York, N. Y., 1949.-394 pages; price: \$5.75

(860) CONSTRUCTION FINANCING FOR THE HOME BUILDER; by Neal MacGlehan; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., December, 1953.-128 pages; price: 70¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This book is intended to be a practical guide for home builders. It is directed particularly to those who make a living by building new single-family houses on contract or for sale. The author has incorporated suggestions made by the following persons: Harry Held, vice president, Bowery Savings Bank; V. R. Steffensen, senior vice president, First Security Bank of Utah; William B. F. Hall, president, General Industries, Inc.; Frank F. Flynn, Jr.,

executive vice president, National Homes Acceptance Corporation; George H. Rausch, investment analyst, Prudential Insurance Company; Kenneth H. Eden, financial advisor, Thyer Manufacturing Corporation; Prof. Bayard O. Wheeler, University of Washington; Raymond J. Graham, vice president, First Federal Savings and Loan Association of Chicago; John M. Dickerman, executive director, and Herbert S. Colton, general counsel, National Association of Home Builders. In addition, staff members of the Federal Housing Administration, Home Loan Bank Board, and Veterans Administration Loan Guaranty Service contributed to this work by reviewing and commenting upon an earlier draft. The book was written by Mr. MacGlehan under the general direction of Dave Lowery, Chief, Housing Finance Branch, of HHPA's Division of Housing Research, of which Joseph H. Orendorf is Director. The work is illustrated with 31 figures (tables, FHA forms, etc.) and 3 exhibits.

(861) CONVERSION OF ONE-FAMILY HOUSES TO MULTIFAMILY USE by A. M. Woodruff in *Housing Research*, No. 7, April 1954, pages 11-19; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Includes a consideration of: 1. Introduction; 2. Quality and Livability of Conversions; 3. Type of Structure Converted; 4. Cost of Conversions; 5. Operating Data; 6. Financing the Purchases of Existing Converted Houses; 7. Financing the Conversion Process; 8. Lender's Policies on Conversions and Converted Houses; 9. Building Codes; 10. Zoning Laws; 11. Nonpermit Conversions; 12. Removing Existing Violations; and 13. Four Points of View.

(862) HIGHLIGHTS OF OUTSTANDING RESIDENTIAL MORTGAGE DEBT ANALYSIS: PART II by Henry B. Schechter in *Housing Research*, No. 7, April 1954, pages 25-45; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. Comprehensive information, permitting a cross-sectional view of non-farm rental housing mortgage debt characteristics, was made available for the first time by the recently published 1950 Census of Housing. A few highlights, pointing to various strong and weak points inherent in the rental property mortgage debt, and an analysis of a number of relationships dealing with operational aspects of rental housing, such as debt service to rental receipts and outstanding debt-to-market value, are presented in this article. A companion article, dealing primarily with owner-occupied housing mortgage debt, appeared in the October 1953 issue of *Housing Research* (see item (846) of the present reading list). This article was prepared under the direction of Dave Lowery, Chief, Housing Finance Branch, Division of Housing Research, H.H.F.A.

(863) FINANCING THE CONSTRUCTION OF PREFABRICATED HOUSES by Arthur E. Warner, Instructor, School of Business, Indiana University, Bloomington, Indiana; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., as its *Housing Research Paper 27*, in December 1953.-55 pages; price: 40¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This study by the School of Business of Indiana University, under a research contract with the Housing and Home Finance Agency, reveals through actual case studies and summary analysis

how prefabricated home manufacturers and dealers in the midwest have been able to finance the erection of prefabricated houses. The marketing of prefabricated houses is also described insofar as marketing characteristics may affect the availability of financing. As more lenders learn of successful methods of financing the construction of prefabricated houses, they will be encouraged to participate in the activity. As dealers learn more about the capital requirements and procedures necessary for successful construction financing, this knowledge will help them to achieve lower costs through more efficient operation.

(b) Application of the Method (Prototype Studies)

(871) FINANCING HOUSE CONSTRUCTION IN THE NORTHWEST: A SURVEY OF SELECTED CITIES by Bayard O. Wheeler, College of Business Administration, University of Washington; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., November 1951, as "Housing Research Paper No. 17."-55 pages; price: 30¢. Order copies from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(872) THE SAN FRANCISCO BAY AREA RESIDENTIAL MORTGAGE MARKET by Paul F. Wendt and Daniel B. Rathbun, School of Business Administration, University of California; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., May 1952, as "Housing Research Paper No. 20."-48 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(873) CLOSING COSTS AND SETTLEMENT PAYMENTS IN THE JACKSONVILLE, FLORIDA MORTGAGE MARKET, FEBRUARY 15-AUGUST 15, 1950; by the Bureau of Economic and Business Research, College of Business Administration, University of Florida; George B. Hurff, Director; Wylie Kilpatrick, Felix Muehler, and Carter C. Osterbind, Research Professors; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., November 1952, as "Housing Research Paper No. 22."-36 pages; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(874) RESIDENTIAL MORTGAGE FINANCING, JACKSONVILLE, FLORIDA, FIRST SIX MONTHS OF 1950 by the Bureau of Economic and Business Research, College of Business Administration, University of Florida; George B. Hurff, Director; Wylie Kilpatrick, Felix Muehler, and Carter C. Osterbind, Research Professors; published by Housing and Home Finance Agency, Division of Housing

Research, Washington, D. C., December 1952, as "Housing Research Paper No. 23."—97 pages; price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (875) "SMALL CITY MORTGAGE MARKET: HAGERSTOWN" by Henry B. Schechter; in *Housing Research*, Fall 1951, pages 9-16; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Su-

perintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (876) "METROPOLITA: MORTGAGE MARKET: SAN FRANCISCO" by Dr. Paul F. Wendt and Daniel B. Rathbun; in *Housing Research*, Fall 1951, pages 17-25; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

PART VII

- (891) "THE SKEPTICISM OF LABOR"—Section 2 of Chapter 6: Problems in Industrial Change, of AMERICAN HOUSING; PROBLEMS AND PROSPECTS; The Factual Findings By Miles L. Coleman; The Program By The Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

- (892) INDUSTRIAL RELATIONS IN THE BUILDING INDUSTRY by William Haber; published by Harvard University Press, Cambridge, Massachusetts, 1930.—593 pages; price: \$5.00. Order copies from Harvard University Press, Cambridge, Massachusetts.

ABSTRACT. This book (published in 1930) sought to describe the major industrial problems in the construction industry, to relate them to the technical changes then taking place and the business methods then prevailing therein, and to present the elements out of which a more stable industrial relations policy could be evolved. It was the result of extended investigation among the historical materials dealing with labor organizations and employers' associations and of gathering first-hand information through interviews with contractors, labor leaders, architects, and engineers. The work was prepared under a Jacob Wertheim Research Fellowship for the Betterment of Industrial Relations awarded by Harvard University. The topic was suggested by, and advice and guidance given by, Professors John R. Commons and Selig Perlman of the University of Wisconsin. The manuscript was prepared under Professors F. W. Taussig, James Ford, and Melvin T. Copeland of Harvard University.

- (893) BOOKLETS CONCERNING THE TRAINING OF APPRENTICES AND NATIONAL STANDARDS OF APPRENTICESHIP IN THE BUILDING INDUSTRY; the following booklets have been published by the U. S. Department of Labor, Bureau of Apprenticeship, Washington 25, D. C. They were either prepared by the Bureau of Apprenticeship (formerly known as Apprentice-Training Service) of which W. F. Patterson is Director; price: Booklet (a) below sells for 15¢ and should be ordered from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. Booklet (b) sells for 10¢ and should also be ordered from the Superintendent of

Labor Relations

Documents. The remaining booklets may be had free upon request by writing to the Bureau of Apprenticeship, U. S. Department of Labor, Washington 25, D. C.

- (a) "Apprenticeship Past and Present—A Story of Apprentice Training in the Skilled Trades Since Colonial Days." 1952 edition; 28 pages. Price: 15¢. Order from G.P.O.
- (b) "Apprentice Joe Learns Construction Safety." This booklet briefly explains safety methods in handling materials, tools and equipment, in excavation work and when on a scaffold; where and when to wear safety goggles and protective apparel; importance of cleanliness and orderliness in shop. 12 pages. Price: 10¢. Order from G.P.O.
- (c) "The National Apprenticeship Program." This booklet reviews the development of apprenticeship in this country and explains the functions of the Bureau of Apprenticeship, State agencies, and National, State, and local apprenticeship committees. 30 pages.
- (d) "JAC—Key to Successful Apprenticeship in the Construction Industry." This booklet is designed for the guidance of local building-trade apprenticeship committees. It outlines the function of joint apprenticeship committees in the construction industry. No date; 18 pages.
- (e) "National Bricklaying Apprenticeship Program and Standards." Prepared and approved by the National Joint Bricklaying Apprenticeship Committee, representing the Associated General Contractors of America, Inc., and the Bricklayers, Masons and Plasterers International Union of America, in conformance with the standards recommended by the Federal Committee on Apprenticeship, 1954 edition; 32 pages.
- (f) "National Apprenticeship Training Standards for the Electrical Contracting Industry." Formulated by the National Electrical Contractors' Association and the International Brotherhood of Electrical Workers in cooperation with the Bureau of Apprenticeship, U. S. Department of Labor, 1953 revision; 30 pages.
- (g) "National Painting, Decorating and Paperhanging Apprenticeship Standards." Adopted by the National Joint Painting and Decorating Apprenticeship Committee, representing the Painting and Decorating Contractors of America and the Brotherhood of Painters, Decorators and Paperhangers of America, in conformance with the standards recommended by the Federal Committee on Apprenticeship, 1954 edition; 32 pages.
- (h) "National Pattern for Local Apprenticeship Standards in the Roofing Industry." Formulated and adopted for use as a guide to the industry, by the Executive Committees of the United Roofing Contractors Association and the United Slate Tile and Composition Roofers, Damp and Waterproof Workers Association, 1946; 24 pages.
- (i) "National Standards for Carpentry Apprenticeship." Prepared and approved

by the National Joint Carpentry Apprenticeship Committee, representing the Associated General Contractors of America, Inc., and the United Brotherhood of Carpenters and Joiners of America in conformance with standards recommended by the Federal Committee on Apprenticeship, 1953 edition; 31 pages.

(j) "National Standards for Cement Masonry, Asphalt, and Composition Apprenticeship." Jointly formulated by the Associated General Contractors of America, Inc., and the Operative Plasterers and Cement Masons' International Association of the United States and Canada, in cooperation with the Bureau of Apprenticeship, U. S. Department of Labor, 1953 revision; 24 pages.

(k) "National Standards of Apprenticeship for Tile Setters." Jointly formulated and adopted by Tile Contractors' Association of America, Inc., and Bricklayers, Masons, and Plasterers' International Union of America in accordance with standards of the Federal Committee on Apprenticeship, 1947; 16 pages.

NOTE: In addition to the above, the Bureau of Apprenticeship is developing or revising National Apprenticeship Standards to cover (l) Plastering; (m) Plumbing; (n) Sheet Metal Work; (o) Stained Glass Work; (p) Steam Fitting; and (q) Terrazzo and Mosaic Work.

- (894) RELATED INSTRUCTION—A KEY TO APPRENTICE TRAINING IN CONSTRUCTION; prepared for the Construction and Civic Development Department Committee (Norman P. Mason, Chairman) by the Subcommittee on Apprenticeship and Training (Weldon A. Snow, Chairman); published by Construction and Civic Development Department, Chamber of Commerce of the United States, Washington 6, D. C.—Issued November 1950; 20 pages; price: No price shown; presumably sent free upon written request addressed to the publisher.

ABSTRACT. Craftsmanship and the production of craftsmen are basic to our American economy—the secret of our American Way. The highly skilled craftsman is no accident of our industrial system. He is, rather, the refined result of time-proved methods which provide for training and educating our youth in the practices of a skilled trade. He is the end-product of apprenticeship. Apprenticeship based on standards properly conceived and conscientiously applied produces skilled craftsmen and future industry leaders. While considerable progress has been made since World War II in the training of skilled workers for the construction industry, there is evidence (1950) of a slowing down in training programs already established and in the formation of new programs. Impending manpower demands, both military and civilian, make imperative the assurance of a continuing, adequate supply of skilled men for the construction industry. It is appropriate that apprenticeship training programs in construction be re-examined, strengthened and, where feasible, accelerated. In a very real sense, apprentice training is a community responsibility and deserves the understanding and cooperation of all who are interested in the community welfare. One of the first tenets of sound apprenticeship is that provision be made for the adequate and thorough training of young men in the crafts of their choice. An understanding of vocational education in the related technical and supplemental instruction of apprentices is the purpose of this booklet. It includes a diagram showing the relationship of apprentice training in the construction industry to apprenticeship and vocational education generally. Organizations represented on the Subcommittee for Apprenticeship and Training include: National Association of Master Plumbers; Associated General Contractors of America, Inc.; Tile Contractors Association of America; National Lumber Manufacturers Association; Portland Cement Association; National Electrical Contractors Association; Heating, Piping and Air Conditioning Contractors' National Association; National Retail Hardware Dealers Association; American Institute of Architects; Painting and Decorating Contractors of America; U. S. Department of Labor (Bureau of Apprenticeship); National Association of Home Builders; Structural Clay Products Institute; and Gypsum Association.

PART VIII

(a) Building Codes and Regulations

- (901) "AN OUTLINE FOR RESEARCH ON BUILDING REGULATIONS" by Gilbert R. Barnhart; in *Housing Research*, Spring 1952, pages 29-38; published by the Housing and Home Finance Agency; Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.
- (902) "BETTER BUILDING CODES THROUGH BETTER ADMINISTRATION" by Gilbert R. Barnhart; in *Housing Research*, March 1953, pages 53-58; published by the Housing and Home Finance Agency Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.
- (905) PREPARATION AND REVISION OF BUILDING CODES by George N. Thompson; Building Materials and Structures Report BMS 116 (Supersedes BMS 19); published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued September 1, 1949.—17 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.
- (907) "A PROGRAM FOR LOCAL TRAINING OF BUILDING OFFICIALS." by Gilbert R. Barnhart in *Housing Research*, October 1953, pages 33-39; published by the Housing and Home Finance Agency, Washington, D. C. price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.
- (908) "LAG IN THE USE OF RESIDENTIAL BUILDING PERMITS" by Kathryn R. Murphy; in *Housing Research*, Winter 1951-1952, pages 47-50; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.
- (909) LOCAL DEVELOPMENT AND ENFORCEMENT OF HOUSING CODES; by Gilbert R. Barnhart, in collaboration with the American Society of Building Officials; published by Housing and Home Finance Agency, Division of Housing

Building, Zoning, and Subdivision Regulations

Research, Washington, D. C., December 1953.—55 pages; price: 40¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This report was prepared as an aid for cities interested in developing and enforcing minimum housing standards as one of the means for improving and preserving the existing housing supply and thereby contributing to sound growth. Two major aspects of the problem are pointed out. One is the set of general considerations involved in developing minimum housing standards for a particular community. Chapter II deals with this. The other is the fact that the success of municipal policy on housing standards depends on the coordination of certain functions in the health, building, fire, and welfare departments and housing authorities. Chapter III deals with this aspect. Both aspects are discussed in Chapter IV as they have been involved in an actual program in Baltimore, Md. There are also appendices which contain the housing codes of Baltimore, Milwaukee, and St. Louis, and some forms used in the enforcement of the Baltimore code. The report deals primarily with the technical problems of code formulation and administration. It does not deal directly with the development of civic concern for sound codes and their effective enforcement, in which civic and business interests play a major role. It is recognized that such citizen activity has been a key factor in the development and application of housing codes in some of the communities from which experience is drawn. The material for the report was prepared by Syracuse University, under a research contract with the Division of Housing Research of the Housing and Home Finance Agency. The final report, prepared within the Division of Housing Research, has been reviewed and approved by the American Society of Building Officials.

- (910) A REPORT ON ADMINISTRATIVE PROCEDURES FOR ENFORCEMENT OF BUILDING REGULATIONS by Gilbert R. Barnhart, in collaboration with The American Society of Building Officials; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., April 1954.—53 pages; price: 40¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This report has been prepared to aid local building officials in the effective administration of building and zoning regulations. Particular attention is given to the main methods and procedures for the enforcement of the substantive standards and provisions of building, electrical, and plumbing codes and zoning ordinances. This is a report of the activities of building officials and inspectors, rather than a study of the requirements of codes. The material for this report was prepared by Syracuse University under a research contract with the Division of Housing Research of the Housing and Home Finance Agency. Professor Spencer D. Parratt directed the work at Syracuse University. Mr. Barnhart, administrative regulations specialist, Technical Branch, of HHFA's Division of Housing Research.

(b) Plumbing Codes

- (921) "DEVELOPMENT OF NATIONAL PLUMBING CODE" by Laurence Shuman; in *Housing Research*, Spring 1952, pages 46-51; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.
- (922) REPORT OF THE COORDINATING COMMITTEE FOR A NATIONAL PLUMBING CODE—Prepared by the Committee; published jointly by the Housing and Home Finance Agency, and by the Department of Commerce, National Production Authority (as Domestic Commerce Series No. 28), Washington, D. C., June 1951.—125 pages; price: 50¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(c) Zoning Regulations

- (931) "PLANNING AND ZONING"—Chapter XXVI (pages 488-509) of REAL ESTATE ANALYSIS by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.—576 pages; price: \$6.00
- (933) COMPARATIVE DIGEST OF MUNICIPAL AND COUNTY ZONING ENABLING STATUTES (For Reference in Community Planning, Housing, Slum Clearance, and Urban Redevelopment Programs) As of October 31, 1952. Prepared by the Housing and Home Finance Agency, Division of Law, Washington, D.C.; published by the Housing and Home Finance Agency, Division of Law, Washington, D. C. in 1953.—70 pages, plus xvi; price: 60¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

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(d) Subdivision Regulations

(941) "URBAN LAND POLICIES"—Chapter 14 (pages 406-433) of **URBAN LAND ECONOMICS** by Richard U. Ratcliff; published by McGraw-Hill Book Company, Inc., New York, Toronto, London, 1949.—533 pages; price: \$6.50

PART IX

(a) Real Estate Sales Principles

(961) "FUNCTIONS AND RELATIONSHIPS OF THE REAL ESTATE SALESMAN"—Chapter 7 (pages 63-68) in Section Two: **Brokerage, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(962) "THE SALE OF REAL ESTATE"—Chapter XVII (pages 304-321) of **REAL ESTATE ANALYSIS**; edited by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.—576 pages; price: \$6.00

(963) **PRACTICES AND PRECEPTS OF MARKETING PREFABRICATED HOUSES** by Glenn H. Beyer and Theodore R. Yantis, Cornell University, Ithaca, New York; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., November 1952.—58 pages; price: 35¢. Order copies from Superintendent of Documents, Washington, D. C.

(b) Advertising

(981) "PUBLICITY AND ADVERTISING" (in **Subdividing**)—Chapter 31 (pages 300-310) of **REAL ESTATE SUBDIVISIONS** by Stanley L. McMichael, published by Prentice-Hall, Inc., New York, N. Y., 1949.—394 pages; price: \$5.75

(942) **SUGGESTED LAND SUBDIVISION REGULATIONS**—Prepared in the Housing and Home Finance Agency by the Division of Housing Research and the Community Planning Branch of the Division of Slum Clearance and Urban Redevelopment, Office of the Administrator, and the Land Planning Section, Federal Housing Administration. Published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., February 1952.—65 pages; price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(943) **SUBDIVISION REGULATIONS, AN ANALYSIS OF LAND SUBDIVISION CONTROL PRACTICES** by Harold W. Lautner; published by Public Administration Service, Chicago, Illinois, 1941.—346 pages; price: \$3.75.

(944) "LAND SUBDIVISION REGULATION"—Chapter 12 (pages 248-267) of **LOCAL PLANNING ADMINISTRATION**, Second Edition; published for the Institute for Training in Municipal Administration by The International City Managers' Association, 1313 East 60th Street, Chicago, Illinois, 1948.—337 pages; price: \$7.50.

Merchandising

(c) Selling Techniques

(982) "INSTITUTIONAL ADVERTISING, PUBLICITY"—Chapter 1 (pages 325-338) of Section Eight: **Advertising, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(983) "CLASSIFIED ADVERTISING"—Chapter 2 (pages 339-351) of Section Eight: **Advertising, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(984) "DISPLAY ADVERTISING"—Chapter 3 (pages 352-360) of Section Eight: **Advertising, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(985) "DIRECT MAIL ADVERTISING"—Chapter 4 (pages 361-377) of Section Eight: **Advertising, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(986) "BILLBOARDS, SIGNS, AND OTHER SPECIAL ADVERTISING FORMS"—Chapter 5 (pages 378-388) in Section Eight: **Advertising, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(1001) "OBTAINING PROSPECTS"—Chapter 3 (pages 43-46) in Section Two: **Brokerage, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(1002) "SHOWING PROPERTIES"—Chapter 4 (pages 47-50) in Section Two: **Brokerage, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(1003) "SELLING TECHNIQUES" (in **Subdividing**)—Chapter 32 (pages 311-322) of **REAL ESTATE SUBDIVISIONS** by Stanley L. McMichael; published by Prentice-Hall, Inc., New York, N. Y., 1949.—394 pages; price: \$5.75

(1004) "SALES APPROACHES FOR VARIOUS TYPES OF PROPERTY"—Chapter 5 (pages 51-58) in Section Two: **Brokerage, of THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(1005) "CLOSING THE DEAL"—Chapter 6 (pages 59-62) in Section

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12. Accurate architectural design assures easy and SAFE ascending and descending.
13. All metal parts are made of strong, SAFE pressed steel.
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Niagara Series 50 Deluxe Furnaces provide the utmost in heating equipment . . .

a completely automatic winter air conditioner . . . 3-speed blower . . . cast-iron heat exchanger . . . durable iron alloy combustion chamber . . . capacities up to 180,000 Btu.

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***Summer Cooling, Too.** Niagara cooling units for dehumidified, refrigerated air in the summer can be attached to Niagara or other existing forced-air furnaces—the modern idea in greater home comfort and value.

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The Forest City Foundries Co.
2500 West 27th Street • Cleveland 13, Ohio

Two: Brokerage, of **THE REAL ESTATE HANDBOOK**; edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(1006) "CONTRACTS"—Chapter XI (pages 191-205) of **REAL ESTATE ANALYSIS** by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.—576 pages; price: \$6.00

PART X

(1031) "RAT CONTROL IN EXISTING DWELLING UNITS" by E. J. Herringer; in (H.H.F.A.) *Technical Bulletin No. 13*, issued in March 1950, pages 1-9; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 20¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(1041) **THE COMPLETE BOOK OF**

PART XI

(a) The Current Housing Scene

(1051) **AMERICAN HOUSING; PROBLEMS AND PROSPECTS; The Factual Findings**; By Miles L. Colean; **The Program**; By the Housing Committee; published by The Twentieth Century Fund, New York, N. Y., 1944.—466 pages; price: \$3.00

(1052) **HOUSING . . . USA!**—Published by The National Association of Home Builders, Washington, D. C. Not dated, but published in September 1952.—36 pages; price: 10¢. Free to members of NAHB.

(1053) **HOUSING . . . U.S.A!**—Edited by editorial board of all past presidents of the National Association of Home Builders: W. P. "Bill" Atkinson, David D. Bohannon, Milton J. Brock, Alan E. Brockbank, Fritz B. Burns, Edward R. Carr, Thomas P. Coogan, Harry J. Durbin, Robert P. Gerholz, Rodney M. Lockwood, Joseph E. Merriam, Joseph Meyerhoff, George F. Nixon and Emanuel M. Spiegel;

(1021) **ARCHITECTURAL PHOTOGRAPHY OF HOUSES: HOW TO TAKE GOOD PHOTOGRAPHS OF EXTERIORS AND INTERIORS** by Robert C. Cleveland; published by F. W. Dodge Corporation, New York, N. Y., 1953.—170 pages; price: \$7.50. Order copies from F. W. Dodge Corporation, 119 West 40th Street, New York 18, N. Y., or from your book dealer.

HOME MODERNIZING by Samuel Paul and Robert B. Stone, with illustrations by George Cooper Rudolph; published by H. S. Stuttman Co., New York 10, N. Y., 1953.—383 pages; price: \$5.95. Order copies from Garden City Books, Garden City, N. Y.

ABSTRACT. This is a book of how-to-do-it guidance for builders and home owners faced with the problem of modernizing the 43 million American homes which are now at least twenty years old.

ABSTRACT. This is the story of how homes are photographed. Although architectural photography is a specialized field, occasions do arise when advanced amateurs desire to photograph their own homes or professionals in other branches of photography are called on to photograph houses for clients. The architect and decorator want pictures for record and for publicity, and magazine editors know that home owners as well as professionals are eager for ideas and inspiration. This work is therefore illustrated with about 325 photographs of residential buildings, in both traditional and modern styles.

Maintenance

Methods, plans and specifications are given on such problems as how to add a bathroom, enclose a porch, finish an attic, create more closet space, install proper illumination, build breezeways and play yards, etc. Typical sub-headings include: how to finance modernizing work; placing your television set; fireplaces; how to plan color schemes; modern compact laundry; the powder room; how to damp-proof the basement; adding dormer windows; safe stairways; indirect lighting techniques; rewiring; the thermostat and weather vey; insulated siding; termite control; the carport; garden pools and swimming pools; and barbecues.

Books Covering Housing in a General Way

published for NAHB by the Simmons-Boardman Publishing Corporations, Emmett Street, Bristol, Conn. (publishers of **AMERICAN BUILDER** magazine) in January, 1954.—224 pages; price: \$5.00

(1054) **THE REAL ESTATE HANDBOOK**—Edited by Lawrence G. Holmes and Carrie Maude Jones; published by Prentice-Hall, Inc., New York, N. Y., 1948.—784 pages; price: \$10.00

(1055) **PRINCIPLES OF URBAN REAL ESTATE** by Arthur M. Weimer and Homer Hoyt (Revised Edition; First Edition, 1939); published by The Ronald Press Company, New York, N. Y., 1948.—512 pages; price: \$5.00

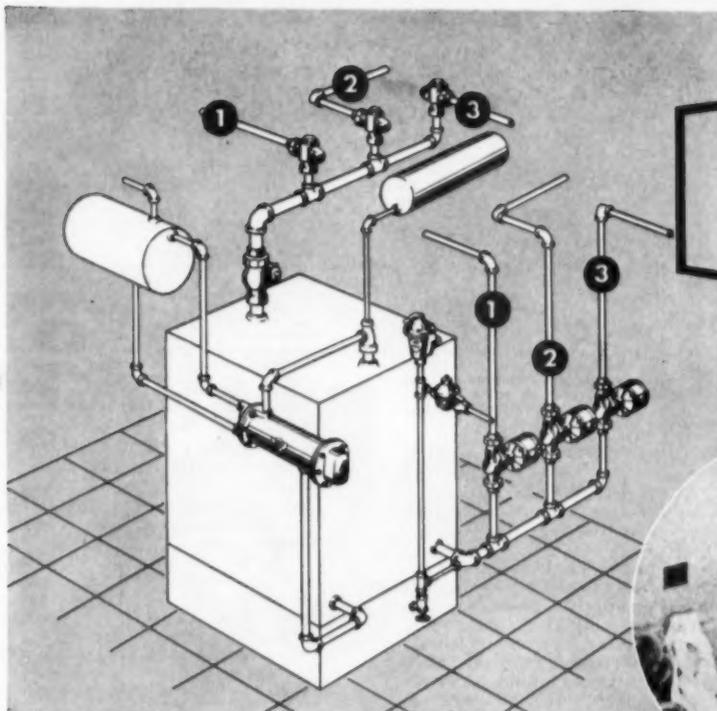
(1056) **URBAN LAND ECONOMICS** by Richard U. Ratcliff; published by McGraw-Hill Book Company, Inc., New York, Toronto, London, 1949.—533 pages; price: \$6.50

(1057) **REAL ESTATE ANALYSIS** by William H. Husband and Frank Ray Anderson; published by Richard D. Irwin, Inc., Chicago, Illinois, 1948.—576 pages; price: \$6.00

(1058) **HOW BIG IS THE HOUSING JOB?** by E. Everett Ashley, 3d.; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., October 1951.—17 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(1060) **THE 1950 HOUSING SITUATION IN CHARTS** by Arthur C. Germand and staff; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., June 1952.—35 pages; price: 25¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(1081) **HOUSING STATISTICS HANDBOOK**; prepared by the staff of the National Housing Agency; published by the Housing and Home Finance Agency, Office of Housing Economics (Malcolm B. Catlin, Director), Washington, D. C., 1948.—170 pages; price: \$1.00. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.



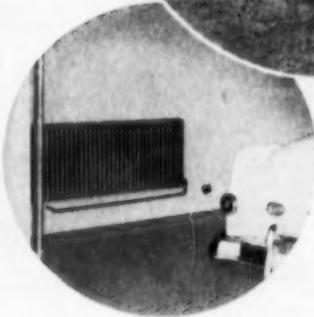
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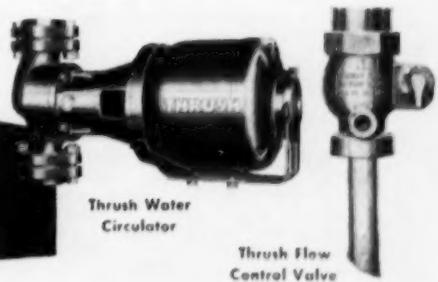
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ABSTRACT. The *Housing Statistics Handbook* was prepared by the National Housing Agency (now the Housing and Home Finance Agency) as a modest beginning in what is believed to be an important task—the development of labor-saving statistical tools that will speed and simplify the work of those who wish to obtain data about housing. There is an increasing number of persons in both private and public life whose work requires them to seek such statistics and to know something about how they are assembled and their reliability and limitations for various purposes. It is the purpose of this book to meet part of this need, first by providing within its covers the most commonly used statistical material, with technical comment about the content of the figures and the methods used in assembling them, second by pointing out the type of data which either are not available or are too scanty or imperfect for general use, and third by indicating the sources from which additional detail or continuing reports may be obtained. Statistics are included on the volume and cost of new housing production, on the size and characteristics of the existing stock of housing, and on the financial aspects of housing.

- (1082) **HOUSING STATISTICS;** prepared under the direction of E. Everett Ashley, 3rd, in the Division of Plans and Programs, Housing and Home Finance Agency; published by the Housing and Home Finance Agency, Washington, D. C.; price: *Gratis*. Order copies from E. Everett Ashley, 3rd, Division of Plans and Programs, Office of the Administrator, Housing and Home Finance Agency, Washington 25, D. C.

ABSTRACT. *Housing Statistics* is published monthly, each issue consisting of 40 or more pages of statistical tables. It is designed to provide Government officials and other interested persons with current data in a single publication on housing trends and Government housing programs collected from various sources. Many of the statistical series discussed in the *Housing Statistics Handbook*, for which see item (1081) of the present reading list, are brought up to date monthly in *Housing Statistics*. Regular issues contain 40 to 50 tables while semi-annual issues (January and July) carry 80 to 90 tables showing additional detail and extended time series.

- (1083) **THE CONSTRUCTION INDUSTRY IN THE UNITED STATES;** prepared by Division of Construction and Public Employment (Herman B. Byer, Chief), Bureau of Labor Statistics, United States Department of Labor; published by U. S. Department of Labor, as Bulletin No. 786, in 1944.—149 pages; price: 20¢. Order copies from Publications Section, Bureau of Labor Statistics, U. S. Department of Labor, Washington, D. C.

ABSTRACT. This is a statistical report showing trends in construction expenditures, employment, and volume in the United States with special reference to building construction and emphasis on activities in 1942 and 1943. The estimates and analysis of total construction expenditures and employment were prepared under the direction of Henry F. Haase, and tabulation of building construction data was supervised by George Schuman, who also prepared the report. Edward M. Gordon directed the tabulation of Federal construction contracts and analyzed the results.

- (1084) **CONSTRUCTION (HOUSING, PRICES, VOLUME, EMPLOYMENT, WAGES);** prepared by Division of Construction Statistics, H. E. Riley, Chief; published monthly by U. S. Department of Labor, Bureau of Labor Statistics, Washington 25, D. C.—each issue approximately 24 pages of statistical tables; price: There is no charge for this publication at present but it is expected that it will

be placed on a subscription basis as a joint publication with the Department of Commerce in the near future. For the time being, requests for copies should be addressed to the Bureau of Labor Statistics, U. S. Department of Labor, Washington 25, D. C.

ABSTRACT. This periodical gives current statistics on construction and housing activity, covering all series prepared by B.L.S. Data on nonfarm housing starts, urban building authorized, construction expenditures, and contract awards. Also employment, hours and earnings in construction; wholesale prices of building materials; index of residential rents; and apprenticeship. Analysis of trends, major developments, and future outlook. The individual tables give such detail as "Number of registered apprentices in the building trades, by trade, and by state and territory, as of June 30, 1954." "Number of laborers employed by construction contractors in selected cities, and by States," etc. Construction legislation is also noted.

- (1085) **CONSTRUCTION AND BUILDING MATERIALS—MONTHLY INDUSTRY REPORT;** prepared by the Building Materials and Construction Division, Business and Defense Services Administration; published by the Business and Defense Services Administration, U. S. Department of Commerce, Washington 25, D. C.; price: Subscriptions are accepted on an annual basis only. Rates are \$1.50 per year domestic, and \$2.50 per year foreign. Remit check or money order in advance, payable to the Treasurer of the United States. Subscriptions should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

ABSTRACT. This is a monthly industry report which contains data on construction expenditures, contract awards, building costs, building materials production and shipments, analysis of current developments, periodic outlook, and special articles.

- (1086) **NEW DWELLING UNITS AUTHORIZED BY LOCAL BUILDING PERMITS;** prepared and published by the Bureau of Labor Statistics; U. S. Department of Labor, Washington 25, D. C.—Issued monthly; multilithed; about 30 pages per issue; price: Sent free upon request. Such requests should be addressed to the Bureau of Labor Statistics, U. S. Department of Labor, Washington 25, D. C.

ABSTRACT. This is a monthly publication giving data in statistical form for each of about 6,000 localities issuing building permits, grouped by State and metropolitan or non-metropolitan location. Reports are available for five regions: Part I—New England; Part II—Middle Atlantic States, including Delaware; Part III—Middle West (East North Central, West North Central Regions, and the States of Kentucky and Montana); Part IV—South (South Atlantic, East South Central and West South Central Regions, including Cincinnati, Ohio, area); and Part V—West (Mountain and Pacific Regions); and as a total report for the United States. In ordering, the Part or Parts desired should be indicated.

- (1087) **INSURED MORTGAGE PORTFOLIO;** prepared and published by the Federal Housing Administration; Washington 25, D. C. Published quarterly; about 32 pages per issue; price: The *Insured Mortgage Portfolio* is the Federal Housing Administration's medium of communication with financial institutions that are approved or eligible for participation in the Insured Mortgage System. The *Portfolio* will be sent to these free upon

request. The annual subscription price to others is 50 cents; single copies, 15 cents. Outside the United States, Canada, Mexico, and the insular possessions, the subscription price is 70 cents. Subscriptions should be sent to, and copies ordered from, the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

ABSTRACT. Since the *Portfolio* is addressed primarily to approved mortgagees, it seeks to keep them informed and up-to-date concerning the many types of loans comprehended by the F.H.A. program. Each issue normally includes a two-page statistical summary, and a two-page financial summary of F.H.A. operations. In addition to occasional technical articles on land planning and development, the *Portfolio* contains information on minimum property requirements, changes in housing legislation as it relates to the F.H.A. program, and potential or underdeveloped housing markets.

- (1088) **CONSTRUCTION DURING FIVE DECADES (HISTORICAL STATISTICS 1907-52)** prepared and published by the Bureau of Labor Statistics (Ewan Clague, Commissioner), U. S. Department of Labor, Washington, D. C., 1954, as its Bulletin No. 1146.—76 pages; price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

ABSTRACT. This is the first Bureau of Labor Statistics publication to present under one cover the complete historical span of all the series on construction developed in the Department of Labor. It is a handbook of historical construction statistics, covering virtually all currently prepared statistical series that contribute to an understanding of the economic of construction and housing. It is the latest of the annual reports on construction which the Bureau of Labor Statistics has been publishing since 1921.

(b) Housing Special-Interest Groups

- (1091) **HOUSING COOPERATIVES IN THE UNITED STATES, 1919 AND 1950—**Prepared by the Bureau of Labor Statistics, U. S. Department of Labor, with the financial assistance of the Division of Housing Research, Housing and Home Finance Agency. (For the names of the contributing authors see below, under "Abstract."); published simultaneously by the Housing and Home Finance Agency, Division of Housing Research, as its "Housing Research Paper No. 24," and by the U. S. Department of Labor, Bureau of Labor Statistics, as its "Bulletin No. 1093; Washington, D. C., 1951, but published in March 1953.—133 pages; price: 65¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (1101) **HOUSING OF THE NON-WHITE POPULATION, 1940 TO 1950** by Charles L. Franklin; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., July 1952.—42 pages; price: 25¢. Order copies from Superintendent

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- (1121) "HOW OUR AGED FAMILIES ARE HOUSED"—Based on material prepared by Leonard S. Silk; in *Housing Research*, Winter 1951-1952, pages 19-22; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (1122) BUILDINGS FOR THE HANDICAPPED AND/OR AGED; a two-part article, with contributions by various authors, as indicated below, published originally in Vol. 5, No. 6, and Vol. 6, No. 1 (for November 1951 and January 1952 respectively) of the *Bulletin of the American Institute of Architects*. The material was thereafter published, in brochure form and with different pagination, as a 32-page reprint, by the AIA; price of the reprint: 35¢. Order copies from Department of Education and Research, American Institute of Architects, 1741 New York Avenue, N. W., Washington 6, D. C.

- (1124) HOUSING THE AGING edited by Wilma Donahue, with a Foreword by Everett J. Soop; published by University of Michigan Press, Ann Arbor, Michigan, as one of its series of books on Aging, 1954.—280 pages; price: \$3.75. Order copies from University of Michigan Press, Ann Arbor, Michigan.

ABSTRACT. This volume is a report of the University of Michigan Fifth Annual Conference on aging which was held in Ann Arbor, July 24-26, 1952. The object of the conference, and hence of

this volume, included the following: 1. To provide opportunity for an integrated review of present knowledge about the housing of healthy, frail, sick and disabled older people; 2. To promote interest in active support for good housing and neighborhood planning for the aging as important community resources; 3. To assess the housing desires and needs of aging individuals of varying socio-economic and health status; 4. To study the resources of investment capital for financing better and more integrated housing in desirable neighborhoods within the reach of all income groups of the aging population; and 5. To encourage local government to take a leading role in the planning, initiation and operation of community services for the aged in their own homes or immediate neighborhoods in order to improve and prolong independent living arrangements. The University of Michigan was joined in the sponsorship of the conference by the Michigan State Medical Society, and by two Federal agencies: the Housing and Home Finance Agency, and the Committee on Aging and Geriatrics of the Federal Security Agency. Representatives of these agencies guided the development of the conference program and participated in its deliberations. Particular assistance was given by E. Everett Ashley, III, Chief, Housing Economics Branch, of HHFA's Division of Housing Research, who supervised the preparation of a *Fact Book on Housing the Aging* and assisted in developing the outline for the conference, and by Clark Tibbits, Chairman of the Committee on Aging and Geriatrics, Leonard C. Haeger, Director of the Technical Service Department, National Association of Home Builders, suggested ways to interest private builders in the problem of housing for older people. The members of the Michigan State Medical Society, under the leadership of Dr. Hazen Price, chairman of its Geriatrics Committee, brought the conference to the attention of physicians. The conference also received support from the various Schools and Departments within the University of Michigan. This volume is the fifth in a series based on similar annual conferences, on the problems of aging, planned by the Division of Gerontology of the Institute for Human Adjustment. Publication was made possible by a grant from the funds of the Horace H. Rackham School of Graduate Studies.

- (1141) THE CONSTRUCTION

WORKER AND TRAILER-LIVING IN BUCKS COUNTY, PENNSYLVANIA by Don J. Hager, Princeton University in *Housing Research*, No. 7, April 1954, pages 47-60; published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 45¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(c) To Buy or Not to Buy

- (1151) HOME OWNERSHIP; IS IT SOUND? by John P. Dean; published by Harper & Brothers, Publishers, New York and London, 1945.—216 pages; price: \$2.50

- (1152) WHEN YOU BUY OR BUILD A HOME. HOW TO AVOID PITFALLS AND INVEST PROFITABLY by Arthur M. Weimer and John J. Rowland; published by The Ronald Press Company, New York, N. Y., 1937.—150 pages.

- (1153) WHEN YOU BUY A HOME LOOK AT THE LOT AND NEIGHBORHOOD—Prepared and published by the Housing and Home Finance Agency, Washington, D. C., November 1950.—14 pages; price: 5¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

PART XII

(a) Research Methods and Equipment

- (1182) METHODS OF DETERMINING THE STRUCTURAL PROPERTIES OF LOW-COST HOUSE CONSTRUCTIONS by Herbert L. Whittemore and Ambrose H. Stang; Building Materials and Structures Report BMS 2; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued August 10, 1938.—18 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (1183) METHODS OF INVESTIGATION OF SURFACE TREATMENT FOR CORROSION PROTECTION OF STEEL by Rolla E.

Pollard and Wilbur C. Porter; Building Materials and Structures Report BMS 8; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued October 11, 1938.—10 pages; price: 10¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (1184) METHODS AND EQUIPMENT FOR TESTING PRINTED-ENAMEL FELT-BASE FLOOR COVERING by George C. Richey, Elizabeth H. McKenna, and Robert B. Hobbs; Building Materials and Structures Report BMS 130; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 1, 1952.—10 pages; price: 15¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

Housing Research

(b) General Descriptions of Research Projects

- (1203) HOUSING RESEARCH; CAPSULE DESCRIPTIONS OF PROJECTS STARTED UNDER CONTRACT IN 1950—Published by Housing and Home Finance Agency, Division of Housing Research, Washington, D. C., May 1951.—66 pages; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

- (1205) "NOTES ON NEW HHFA HOUSING RESEARCH CON-

TRACTS"—Author not named; in *Housing Research*, Fall 1951, pages 41-45; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(1206) "RESULTS OF A SURVEY OF HOUSING RESEARCH" by Winfield Best and Eugene A. Tilleux; in *Housing Research*, Winter 1951-1952, pages 2-3-27; published by the Housing and Home Finance Agency, Division of Housing Research, Washington, D. C.; price: 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(1207) A SURVEY OF HOUSING RESEARCH IN THE UNITED STATES—Conducted by The Building Research Advisory Board, National Research Council, National Academy of Sciences, Washington, D. C., under contract with the Housing and Home Finance Agency; published by the Housing and Home Finance Agency, Washington, D. C., November 1952.—723 pages; price: \$3.00, paper bound.

(c) H.H.F.A. Research Publications

(1221) **TECHNICAL BULLETIN** Published by, or for, the Housing and Home Finance Agency, Washington, D. C. Bulletins 1-5 inclusive were prepared by the Technical Staff (of the Office of the Administrator) of which Leonard G. Haeger was Director. Bulletins 6-11 inclusive were prepared by the Division of Standardized Building Codes and Materials, of which Leonard G. Haeger was Director. Bulletins 12-17 inclusive were prepared by the Division of Housing Research of which Richard U. Ratcliff was Director. Publication of the *Technical Bulletin* ceased in June 1951 with issue No. 17. It was thereafter succeeded by *Housing Research*, a journal of somewhat broader scope, designed to accommodate socio-economic, as well as technical, articles growing from the broadened HHFA research program provided for by the Housing Act of 1949.

Availability: Bulletins 1-9 were published (by the multiple process) and distributed by the Housing and Home Finance Agency. Except for a few copies of *Bulletins* 1, 4, 5, 6, 7 and 9, however, they are now out of print and are available only through libraries. Bulletins 10-17 were published by, and are still available from, the U. S. Government Printing Office. Prices: The prices of available *Technical Bulletins* 10-17 are indicated separately below. Copies should be ordered from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

(1221b) **TECHNICAL BULLETIN** NO. 1, November 1947, 34 pages. CONTENTS: (a) "Lower Costs Through Better Codes" pages 3-6; (b) "Housing Research" pages 7-17-(i) Uniform plumbing code, (ii) Lightweight concrete, (iii) Condensation control studies,

(iv) Individual sewage disposal systems; (c) "Insulation of Concrete Floors in Dwellings" by Laurence Shuman, pages 18-28; (d) "Earth Constructions" using adobe blocks, bitudole blocks, monolithic terracrete, terracrete blocks, and rammed earth (*pisé de terre*), pages 29-32.

(1221b) **TECHNICAL BULLETIN** NO. 2, January 1948, 56 pages.

CONTENTS: (a) "Current Progress in Code Improvement" pages 1-3; (b) "Planning the House Before Designing" pages 5-9; (c) "Wood Roof Trusses for Small Dwellings" pages 11-16; (d) "Crawl Spaces" by Ralph R. Britton, pages 17-39; (e) "Winter Building Methods" pages 41-52.

(1221c) **TECHNICAL BULLETIN** NO. 3, March 1948, 58 pages.

CONTENTS: (a) "Insulation—Where and How Much" by Laurence Shuman, pages 1-15; (b) "Basements vs. No Basements for Houses; Part I" pages 17-26; (c) "Cost Reduction through Functional in Lieu of Specification Requirements" pages 27-35; (d) "Graphic Analysis of Self-Siphonage of Fixture Traps, Wet Venting and Stack Venting" by V. T. Manas, Chairman, Uniform Plumbing Code Committee, pages 36-42; (e) "Modular Coordination—A Promising Approach to Lower Costs" pages 43-55.

(1221d) **TECHNICAL BULLETIN** NO. 4, May 1948, 30 pages.

CONTENTS: (a) "Septic Tank Studies" by Laurence Shuman, pages 1-10; (b) "Basements vs. No Basements for Houses; Part II—Utility Room Within the Structure" pages 11-18; (c) "What to do About Condensation" by E. R. Queer and E. R. McLoughlin of Pennsylvania State College, pages 19-27.

(1221e) **TECHNICAL BULLETIN** NO. 5, July 1948, 65 pages.

CONTENTS: (a) "Fuel Consumption in the Home" by Laurence Shuman, pages 1-17; (b) "Basements vs. No Basements for Houses; Part III—Two-Story Structures" pages 19-31; (c) "Information Notes: Water Penetration and Vapor Permeability of Sheet Materials as Related to Condensation Control in Dwelling Construction" by Ralph R. Britton, pages 33-37; (d) "Small-Scale Manufacture of Insulating Boards from Wood Wastes" by E. A. Anderson, M. Heilig, J. P. Hohl, C. E. Hruschky, M. A. Millett, S. L. Schwartz, F. J. Spinar, F. A. Streng, and H. Dale Turner, of the Forest Products Laboratory, pages 39-61.

(1221f) **TECHNICAL BULLETIN** NO. 6, September 1948, 51 pages.

CONTENTS: (a) "Racking Loads and Resistance to Them in Dwelling Construction" by Ralph R. Britton, pages 1-23; (b) "The Outlook for Modular Coordination and Standardization" by Leonard G. Haeger, pages 25-28; (c) "Attic Condensation in Tightly Built Houses" by C. A. Jordan, E. C. Peck, F. A. Streng, and L. V. Teeddale, of the Forest Products Laboratory, pages 29-46.

(1221g) **TECHNICAL BULLETIN** NO. 7, November 1948, 47 pages.

CONTENTS: (a) "Aspects of Electrical Installations in Houses: Code, Comfort and Convenience" by Jefferson D. Brooks, pages 1-13; (b) "Model Bill for Statute Authorizing Adoption of Codes by Reference" pages 1-9; (c) "Individual Sewage Disposal Systems; Part I" pages 21-41.

(1221h) **TECHNICAL BULLETIN** NO. 8, January 1949, 245 pages.

(NOTE: This "Special Issue" reprints 15 of the 27 articles appearing in numbers 1-7, and adds two new articles; the second part of Mr. Brooks' paper on "Aspects of Electrical Installations in Houses" and the paper entitled "Lower Costs Through Power Tools and Equipment.")

CONTENTS: (a) "Model Bill for Statute Authorizing Adoption of Codes by Reference" pages 1-5; (b) "Cost reduction Through Functional in Lieu of Specification Requirements" pages 7-15; (c) "Modular Coordination—A Promising

Approach to Lower Costs" pages 17-21; (d) "Planning the House Before Designing: A Graphic Study of Livability Problems" pages 23-27; (e) "Basements vs. No Basements for Houses; Parts I, II, and III" pages 29-59; (f) "Wood Roof Trusses for Small Dwellings" pages 61-66; (g) "Attic Condensation in Tightly Built Houses" pages 67-84; (h) "Crawl Spaces" pages 85-107; (i) "Racking Loads and Resistance to Them in Dwelling Construction" pages 109-131; (j) "Insulation—Where and How Much" pages 133-147; (k) "Insulation of Concrete Floors in Dwellings" pages 149-159; (l) "Fuel Consumption in the Home" pages 161-177; (m) "Graphic Analysis of Self-Siphonage of Fixture Traps" pages 179-185; (n) "Septic Tank Studies" pages 187-196; (o) "Aspects of Electrical Installations in Houses" by Jefferson D. Brooks. In two parts: (i) "Code, Comfort and Convenience" pages 197-209; (ii) "Requirements for Convenience and Efficiency" pages 211-235; (p) "Lower Costs Through Power Tools and Equipment" (new) pages 237-239.

(1221i) **TECHNICAL BULLETIN** NO. 9, March 1949, 43 pages.

CONTENTS: (a) "Coordination and Standard Products in Small House Design" pages 1-6; (b) "Concrete Masonry" by Arnold M. Korsmo, pages 7-17; (c) "Aspects of Fire and Safety in Relation to Space Planning for Mechanical Equipment in Houses" by Jefferson D. Brooks, pages 19-37.

TECHNICAL BULLETIN NO. 10, May-July 1949, 35 pages.

CONTENTS: (a) "Application of the Floor Furnace in the Heating of Small Houses" by Robert K. Thulman, pages 1-9. See item (224) of this reading list; (b) "Condensation Control in Dwelling Construction: Good Practice Recommendations" by Ralph R. Britton, pages 11-15. See item (214) of this reading list; (c) "Individual Sewage Disposal Systems; Part II" pages 17-32. See item (571) of this reading list.

TECHNICAL BULLETIN NO. 11, September-November 1949, 42 pages.

CONTENTS: (a) "Coordination in Building Construction" by Bernard Wagner, pages 1-6. See item (265) of this reading list; (b) "Water Vapor Resistance of Building Materials" by Ralph R. Britton and Robert C. Reichel, pages 7-13. See item (445) of this reading list; (c) "Report on Survey of Factors Hindering More General Acceptance of the Modular Principle in Design and Construction" by the Executive Committee of the Building Research Advisory Board. See item (264) of this reading list; (d) "Individual Sewage Disposal Systems; Part III" pages 19-37. See item (571) of this reading list.

TECHNICAL BULLETIN NO. 12, January 1950, 20 pages.

CONTENTS: (a) "Aspects of Electrical Conduit Installations in Houses" by Jefferson D. Brooks, pages 1-7. See item (661) of this reading list; (b) "Report on Tests for Condensation on Reflective Insulation Under Wooden Floor" by Laurence Shuman, pages 9-12. See item (644) of this reading list; (c) "Water Vapor Transmission of Building Materials Using Four Different Testing Methods" by Ralph R. Britton and Robert C. Reichel, pages 13-16. See item (643) of this reading list.

TECHNICAL BULLETIN NO. 13, March 1950, 31 pages.

CONTENTS: (a) "Rat Control in Existing Dwelling Units" by E. J. Herringer, pages 1-9. See item (1031) of this reading list; (b) "Expected Resistance to Racking of Douglas Fir Plywood-Sheathed Walls" by William A. Russell, pages 11-15. See item (301) of this reading list; (c) "Low-Cost Wiring Methods and Materials for Houses" by Jefferson D. Brooks, pages 17-28. See item (662) of this reading list.

TECHNICAL BULLETIN NO. 14, May-July 1950, 31 pages.

CONTENTS: (a) "Economics of Row Houses for Rental Properties" by Bernard Wagner, pages 1-14. See item (127) of this reading list; (b) "Prevention of Dampness in Basements" by Perry H. Petersen,

pages 15-21. See item (642) of this reading list; (c) "Batproof Construction of Dwellings" by E. J. Herringer, pages 23-27. See item (281) of this reading list.

TECHNICAL BULLETIN NO. 15,
September 1950, 25 pages.

CONTENTS: (a) "Design for Livability" by Bernard Wagner, pages 1-10. See item (122) of this reading list; (b) "Performance of Modular Clay Flue Linings" by Robert K. Thulman, pages 11-15. See item (225) of this reading list; (c) "Noise in Domestic Water Systems" by Fred W. McGhan, pages 17-22. See item (558) of this reading list.

TECHNICAL BULLETIN NO. 16,
November 1950, 24 pages.

CONTENTS: (a) "Greater Livability at Small Additional Cost" pages 1-11. See item (124) of this reading list; (b) "Foamed Concrete" pages 13-15. See item (511) of this reading list; (c) "Water Flow Rates in Piping" by Fred W. McGhan, pages 17-19. See item (102) of this reading list.

TECHNICAL BULLETIN NO. 17,
June 1951, 20 pages.

CONTENTS: (a) "Raising Roofs by Hydraulic Jacks Lowers Construction Costs" by Stanley P. Stewart, pages 1-6. See item (481) of this reading list; (b) "Accelerated Weathering Test of Treatments, Priming Coat, and Finish Paint for Aluminum Sheet Metal" by Perry H. Petersen, pages 7-10. See item (605) of this reading list; (c) "Septic Tank Systems and Garbage Grinders" by Fred W. McGhan, pages 11-16. See item (583) of this reading list.

(No further issues of the *Technical Bulletin* were published. See *Technical Papers* and *Housing Research*.)

(1222) **TECHNICAL PAPERS**—Published by the Housing and Home Finance Agency, Washington, D. C. *Technical Papers* 1, 2, 3 and 4 were originally published by the National Housing Agency and were republished by the H.H.F.A. *Technical Papers* 1 through 10 were prepared, within the Office of the Administrator, by the Technical Staff of which Leonard G. Haeger was Director. *Technical Papers* 11, 12, and the original edition of 13, were prepared by the Division of Standardized Building Codes and Materials, of which Leonard G. Haeger was Director. *Technical Paper* 14 was prepared by the Division of Housing Research, of which Richard U. Ratcliff was Director. The series came to an end with *Technical Paper* No. 14, in May 1950. The original editions of *Technical Papers* 1-5 had been mimeographed. They were thereafter multilithed. In March 1951 the *Technical Papers* were succeeded by a series of *Housing Research Papers*, published, for the H.H.F.A., by the U. S. Government Printing Office. The first paper of the new series ("Fixture Unit Ratings Used in Plumbing System Design") was designated as *Housing Research Paper* No. 15, thus carrying on the numbering of the earlier series. In November 1952, *Technical Paper* No. 13 was revised and republished as *Housing Research Paper* No. 13.

Availability: Only *Technical Papers* 7, 9, 10, 11, and 14 are now available. Requests for copies should be addressed to the Housing and Home Finance Agency, Washington, D. C. *Technical Papers* 1, 2, 3, 8 and 12 were progress reports on a project conducted at the Engineering Experiment Station of Pennsylvania State College, on condensation in walls and roofs. They have been succeeded by the final report on the project, published as *Housing Research Paper* 16: "Moisture and the Durability of Wood-Frame Walls." *Technical Paper* 6 has been

superseded by the "Report of the Coordinating Committee for a National Plumbing Code," for which see item (922) of this reading list.

(1222a) **TECHNICAL PAPERS NOS. 1, 2 AND 3:** "Condensation in Walls and Roofs" by Ralph R. Britton, in cooperation with the Office of the Housing Expediter. All three papers combined under one cover, July 1948.—74 pages; (a) *Technical Paper 1*, originally published in March 1947.—14 pages; (b) *Technical Paper 2*, originally published in June 1947.—18 pages; (c) *Technical Paper 3*, originally published in September 1947.—42 pages.

(1222b) **TECHNICAL PAPER NO. 4:** "Selected References on Requirements and Public Acceptance Factors Relating to Housing Design. Part 1. List of References. Part 2. Detailed Studies and Surveys." Published in April 1947.—19 pages.

(1222c) **TECHNICAL PAPER NO. 5:** "Design Data—Bedrooms" by Harold Sandbank. Published in December 1947.—9 pages.

(1222d) **TECHNICAL PAPER NO. 6:** "The Uniform Plumbing Code for Housing." Published in February 1948.—83 pages.

TECHNICAL PAPER NO. 7: "Physical Properties and Fabrication Details of Experimental Honeycomb-Core Sandwich House Panels." Published in February 1948. See item (303) of this reading list.

(1222e) **TECHNICAL PAPER NO. 8:** "Condensation in Walls and Roofs" (Progress Report No. 4) by Ralph R. Britton. Published in April 1948.—21 pages.

TECHNICAL PAPER NO. 9: "Some Properties of Paper-Overlaid Veneer and Plywood." Published in May 1948.

TECHNICAL PAPER NO. 10: "Properties of Four Experimental Flush-Type Doors." Published in August 1948.

TECHNICAL PAPER NO. 11: "Properties of Experimental Wood-Base House Flooring Materials (Including a Tentative Test Procedure for Flooring)." Published in November 1948.

(1222f) **TECHNICAL PAPER NO. 12:** "Condensation in Wood Frame Walls Under Variable State Conditions of Exposure" (Progress Report No. 5), by Ralph R. Britton and Robert C. Reichel. Published in June 1949.—51 pages.

TECHNICAL PAPER NO. 13: "Performance of Masonry Chimneys for Houses" by Robert K. Thulman. Published in August 1949.—46 pages. For the revised edition of this report, see item (624) of this reading list.

TECHNICAL PAPER NO. 14: "Septic Tank Studies" by Laurence Shuman and Fred W. McGhan. Published in May 1950.—84 pages.

All subsequent papers in this series were published as *Housing Research Papers* of the Housing and Home Finance Agency.

(1223) **HOUSING RESEARCH [QUARTERLY]**—Published by the Housing and Home Finance Agency, Washington, D. C. This publication is issued approximately at quarterly intervals, in the Spring, Summer, Fall and Winter. The six or seven articles comprising each issue (of 50 to 75 pages) describe the results of the contract and staff research of the Housing and Home Finance Agency. It replaces the HHFA *Technical Bulletin*, which was limited to reporting the results of research in housing technology. Most of the articles are written by staff members of the HHFA's Division of Housing Research. Others are written by scholars and scientists in agencies and organizations conducting housing research under HHFA contracts. The first issue appeared in the Fall of 1951 while Richard U. Ratcliff was Director of Housing Research. The remainder were issued under his successor, Joseph H. Orendorff. The quarterly has been edited, in turn, by Winfield Best, Helen K. Delany, and Russel Hogin. Issues 1 through 4 of *Housing Research* are priced at 30¢ each; issue 5 is priced at 40¢. Copies should be ordered from the Superintendent of Documents, U. S. Government Printing Office Washington, D. C.

(1232) **THE GOOD HOUSEKEEPING BUILDING FORUM SERIES**—This is a series of illustrated booklets on various aspects of home building, prepared and published by the Good Housekeeping Building Forum, of which Joseph B. Mason was Director. Copies of the bulletins described below, which sell for fifty cents each, may be obtained from Good Housekeeping, 57th Street at 8th Avenue, New York 19, N. Y.

(1232a) Booklet No. 1—Foundations and Basements by Joseph B. Mason, Jule R. Von Sternberg, and Ronald Allwork. Drawings by Sigman-Ward.—25 pages; published in 1947.

(1232b) Bulletin No. 2—Heating and Air Conditioning by Joseph B. Mason, Jule R. Von Sternberg, and Ronald Allwork. Drawings by Sigman-Ward.—27 pages; published in 1947.

(1232c) Bulletin No. 3—Insulation, Weather Stripping, Storm Sash; no authors listed.—17 pages; published in 1947.

(1232d) Booklet No. 4—How to Build a Safer Home by Joseph B. Mason; Jule R. Von Sternberg, technical editor; drawings by Frederick L. Hankinson.—25 pages; published in 1948.

(1232e) Booklet No. 5—Electrical Planning in the Home by Jule R. Von Sternberg; Ronald Allwork, technical editor; drawings by Sigman-Ward.—21 pages; published in 1948.

(1232f) Booklet No. 6—The Book of Windows by Joseph B. Mason; Jule R. Von Sternberg, technical editor; drawings by George Cooper Rudolph.—29 pages; published in 1949.

(1232g) Booklet No. 7—Adequate Plumbing by Joseph B. Mason, and Jule R. Von Sternberg, architect; Ronald Allwork, technical editor; drawings by Sigman-Ward.—23 pages; published in 1949.

(1232h) Booklet No. 8—Building Without Tears by Joseph B. Mason; Kenneth Duncan, technical editor; drawings by Sigman-Ward.—31 pages; published in 1950.

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The most popular model . . . compact, with attractive cabinet. For installation in basement, utility room or closet. Designed to "twin" with vertical summer cooling unit Model SAC for year 'round conditioning. *Indicates sizes also, of the deluxe Dura-tube models.

Model Number	A.G.A. Ratings (Btu/hr.)		Air Del., cfm (.2" S.P.)	Casing Dimensions		
	Input	Output(Bonnet)		Width	Depth	Height
*FES60-45	60,000	48,000	540	18 1/4	26	60 1/4
*FES75-45	75,000	60,000	690	18 1/4	26	60 1/4
*FES90-45	90,000	72,000	880	22 1/4	26	60 1/4
*FES105-45	105,000	84,000	985	25	26	60 1/4
*FES120-45	120,000	96,000	1030	28	26	60 1/4
*FES150-45	150,000	120,000	1510	34 1/4	26	60 1/4
*FES180-45	180,000	144,000	1690	42 1/4	26	60 1/4
FES210-45	210,000	168,000	1970	50 1/2	26	60 1/4
FES240-45	240,000	192,000	2060	56 1/2	26	60 1/4
FES300-45	300,000	240,000	3020	68 1/2	26	60 1/4
FES360-45	360,000	288,000	3380	84 1/4	26	60 1/4

* These sizes are available in the famous Dura-Tube, Model FEC, backed by a 20-year warranty . . . the finest in quality heating equipment.



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All new . . . designed for perimeter-type heating in basementless homes with either slab or crawl-space construction. Approved for reduced clearance and closet installations.

Model Number	A.G.A. Ratings (Btu/hr.)		Air Del., cfm (.2" S.P.)	Casing Dimensions		
	Input	Output(Bonnet)		Width	Depth	Height
FDS80-55	80,000	64,000	645	18	28	66
FDS100-55	100,000	80,000	815	20	28	66
FDS120-55	120,000	96,000	980	22	28	66



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Built for real space-saving. May be installed in crawl-space, attic, floor mounted or suspended from ceiling. Operation is extremely quiet and economical. Completely accessible from either side.

Model Number	A.G.A. Ratings (Btu./hr.)		Air Delivery, cfm		Casing Dimensions		
	Input	Output (Bonnet)	.2" S.P.	Free Dischg.	Width	Depth	Height
FHS65-25	65,000	52,000	600	690	17	39 1/2	23 1/2
FHS90-25	90,000	72,000	833	950	22	39 1/2	23 1/2
FHS125-25	125,000	100,000	1160	1320	19	47	24 1/2
FHS150-25	150,000	120,000	1390	1580	22	47	24 1/2

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Built to match perfectly with the vertical winter units to make a Win-Sum Twin all-year system, or may be added to existing systems. The water-cooled, hermetic-sealed refrigerating system is warranted for 5 years.

Model Number	Capacity		Air Del., cfm (.4" Ext. Static)	Air Req. (Not equipped with Blower or Motor)		Casing Dimensions		
	Nominal	Btu/hr. (A.S.R.E.)		cfm	Static	Width	Depth	Height
SAC24-45	2 ton	24,180	800	Equipped with Blower and Motor		26 1/2	26	60 1/4
SAC36-45	3 ton	36,040	1200			26 1/2	26	60 1/4
SAC60-45	5 ton	60,300	2000			40 1/2	26	60 1/4
SVW60S-55	5 ton	66,000	2000			40 1/2	26	60 1/4

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A compact, water-cooled unit that fits in the attic, crawl-space or can be suspended overhead. Uses matched blower assembly or blower of winter unit where capacity is adequate. A perfect type for basementless homes. Cooling system is hermetically sealed and warranted.

SHW24-55	2 ton	26,800	...	800	.17	22 3/4	44	22 3/4
SHW36-55	3 ton	36,900	...	1200	.27	22 3/4	44	22 3/4

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PART XIII

- (1242) **DICTIONARY OF HOUSE-BUILDING TERMS**; compiled by Technical Section, Construction Division, Central Mortgage and Housing Corporation, Ottawa, Canada. No date, but apparently about 1950.—69 pages; price: Gratis. Order copies from Central Mortgage and Housing Corporation, Information Department, 56 Lyon Street, Ottawa, Canada.

ABSTRACT. This is a straight alphabetical listing giving the definitions of words, which describe methods and materials generally employed in the house construction industry in Canada.

- (1243) **BUILDING TRADES DICTIONARY** by H. H. Siegle; published by Frederick J. Drake & Co., Chicago, Illinois, 1946.—380 pages; price: \$3.00. Order copies from Frederick J. Drake & Co., Wilmette, Illinois.

ABSTRACT. This book defines, in simple language, words, phrases and expressions pertaining to the building trades. The work covers carpentry, bricklaying, plastering, concrete construction, stone masonry, cement finishing, electrical work, sheet metal work, plumbing, steam fitting, form building, painting, roofing, etc. The text is further clarified by numerous illustrations. The author, a building tradesman, was assisted by the suggestions of Frank Duffy, editor of *The Carpenter*.

Glossaries

- (1244) **ALPHABETICAL LIST OF TERMS DEFINED IN BRITISH STANDARD CODES OF PRACTICE**; prepared and published by the (British) Ministry of Works, as its Technical Paper No. 19, in October 1950.—90 legal-size pages, paper covers; price: Not stated. For information write to the Ministry of Works.

ABSTRACT. This list contains terms used in the building, civil engineering and allied industries that have been defined in British Standard Codes of Practice printed and issued for comment or published in final form. The scope of each definition is limited to the sense in which the term is used in the Code of Practice in which it appears. Numbers, enclosed in parenthesis, which follow each definition, are those of the Code in which the definition is given.

- (1245) **INTERNATIONAL GLOSSARY OF TECHNICAL TERMS USED IN HOUSING AND TOWN PLANNING**; edited by H. J. Spiwak; revised and enlarged edition, in English, French, German, Italian, and Spanish; published by International Federation for Housing and Town Planning, 1951.—144 pages; price: Not stated. For information write to International Federation for Housing and Town

Planning, Singel 453, Amsterdam C, Netherlands.

- (1246) **HANDBOOK OF BUILDING TERMS AND DEFINITIONS** by Herbert R. Waugh and Nelson L. Burbank; published by Simmons-Boardman Publishing Corporation, New York, 1954.—421 pages; price: \$5.95. Order copies from Simmons-Boardman Books, 30 Church Street, New York 7, N. Y.

ABSTRACT. This is an alphabetically arranged dictionary of over 8,000 technical terms used in the various branches of the building industry. The work is illustrated by approximately 250 drawings, and an appendix presents architectural drafting symbols, geometric figures, pipe fittings, and plumbing symbols. The glossary represents a pooling and refinement of listings for the carpentry, electrical, metalworking, and related trades prepared by the co-authors, and the suggestions made by Earl W. Simmons, James W. Zarlock, Charles A. Phelps, and Raymond F. Hines, and by the following instructors at the Bullard-Havens Technical School of Bridgeport, Connecticut: Frank X. Attanasio, Howard U. Bishop, Daniel Burbank, Ralph A. Christensen, Alfred F. Doty, Walter J. Fields, Norman Schollin, Donald E. Smith, and William F. Steele. In addition, illustrations, and assistance with definitions, were received from dozens of American industrial firms engaged in the manufacture of building materials, supplies and equipment, and from trade associations, publishers, and government agencies.

PART XIV

- (1261) **BUILDING TECHNOLOGY PUBLICATIONS OF THE NATIONAL BUREAU OF STANDARDS**—Prepared and Published by the National Bureau of Standards, U. S. Department of Commerce, Washington, D. C., September 6, 1949.—42 pages, mimeographed; price: not stated. Order copies from the National Bureau of Standards, U. S. Department of Commerce, Washington, D. C. In ordering, give the title, and then add: "Letter Circular LC 962."

- (1262) **SELECTED REFERENCES ON HOUSING OF MINORITIES**—Prepared and published by the Housing and Home Finance Agency, Office of the Administrator, Racial Relations Service, in September 1951.—60 pages, mimeographed, hard covers; price: not stated. Order copies from Housing and Home Finance Agency, Office of the Administrator, Racial Relations Service, Washington 25, D. C.

- (1263a) **COOPERATIVE HOUSING: UNITED STATES, DENMARK, GREAT BRITAIN, FRANCE, SWITZERLAND, HOLLAND, NORWAY, SWEDEN** (A Bibliography on Housing Built or Managed Cooperatively)—Compiled in the Library of the Office of the Administrator, Housing and Home Finance Agency, by Mrs. Marjorie W.

Bibliographies

Landis, under the general supervision of Mrs. Ruth L. Mace, Librarian; published by the Housing and Home Finance Agency, Washington, D. C., February 1950.—53 pages, multilithed; price: not stated. Order copies from Housing and Home Finance Agency Library, Washington, D. C.

- (1263b) **SUPPLEMENT NO. 1 TO "COOPERATIVE HOUSING: UNITED STATES, DENMARK, GREAT BRITAIN, FRANCE, SWITZERLAND, HOLLAND, NORWAY, SWEDEN"** (A Bibliography on Housing Built or Managed Cooperatively)—Compiled in the Library of the Office of the Administrator, Housing and Home Finance Agency, by Mrs. Marjorie W. Landis, under the general supervision of Mrs. Ruth L. Mace, Librarian; published by the Housing and Home Finance Agency, Washington, D. C., February 1951.—21 pages, multilithed.

- (1264) **SELECTED BIBLIOGRAPHY ON BUILDING CONSTRUCTION AND MAINTENANCE** by L. D. C. Nobel; Building Materials and Structures Report BMS 140; published by U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.—Issued May 28, 1954.—35 pages;

price; 30¢. Order copies from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C.

ABSTRACT. This is a list of selected references on building materials, equipment, and construction practices for new construction, and the modernization and maintenance of buildings. It supersedes National Bureau of Standards Letter Circular 1000 and gives sources of information concerning building construction and maintenance. It contains titles to papers dealing with the practical aspects of building construction and some publications of a more technical nature.

- (1271) **BIBLIOGRAPHY OF ARCHITECTURAL PLANNING AND CONSTRUCTION FOR THE PHYSICALLY HANDICAPPED**; compiled by the Library on the National Society for Crippled Children and Adults, Revised May 1950.—5 pages; multilithed; price: not stated, probably free. Order copies from The National Society for Crippled Children and Adults, Inc., Lawrence J. Linck, Executive Director, 11 South La Salle Street, Chicago, Illinois.

The bibliography is prefaced by a statement describing the purposes of the society. The publications in the bibliography are listed under the following sections: 1. Architectural Barriers; 2. Domestic Architecture; 3. Children's Convalescent Hospitals and Hospital Schools; 4. Curative Workshops, Physical Therapy Departments and Rehabilitation Centers; and 5. Schools for Crippled Children.



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1955 American Builder Directory

SECTION 1

BRAND NAMES

Alphabetical List of Building Products and Equipment

BRAND NAMES used to identify principal building products and equipment of major manufacturers are listed in this section in alphabetical order with the names and addresses of manufacturers using the brand names. Trade and brand names popularly used in the building industry

are listed irrespective of their registration. Every effort has been made to make this an all-inclusive list. Builders, contractors, retail material dealers and architects will find it easy to use for checking names and addresses of brand-name product manufacturers.

A

- ABC Adams Engineering Co Box 936 Miami 38 Fla
ABC Altorfer Bros Co 812 W Washington E Peoria 8 Ill
A B DICK Dick (A B) Co 5700 W Touhy Chicago 31 Ill
A-C-E Aero Expansion Bolt Co 1430 N Boone Ave Marion Ohio
A-AIR-COTE Sprays-Flake Co 2727 W Irving Pk Chicago Ill
A-LUMI-GLAZE Sterling Paint & Varnish Co 184 Commercial St Malden 48 Mass
ABBEON Abbeon Supply Co 179-15 Jamaica Ave Jamaica 32 NY
ABESTO CHEMICAL TERMITES CONTROL Abesto Mfg Corp 131 Wabash St Michigan City Ind
ABESTO FIBERATED Abesto Mfg Corp 131 Wabash St Michigan City Ind
ABESTO-FLEX Abesto Mfg Corp 131 Wabash St Michigan City Ind
ABESTO-GLOW Abesto Mfg Corp 131 Wabash St Michigan City Ind
ABESTO LIQUID Abesto Mfg Corp 131 Wabash St Michigan City Ind
ABESTO LUMICLAD Abesto Mfg Corp 131 Wabash St Michigan City Ind
ABESTO QUICK SET PLASTIC Abesto Mfg Corp 131 Wabash St Michigan City Ind
ABESTO SEALER Abesto Mfg Corp 131 Wabash St Michigan City Ind
ABSOLUTE Woodfinishing Prods Co 34 Industrial St New York 61 NY
ACCRO-LITE Mayes Bros Tool & Mfg Co Port Austin Mich
ACE American Device Mfg Co Steelville Ill
ACE International Twist Drill Corp 618 Wyandotte St Kansas City 5 Mo
ACKERMAN-JOHNSON Ackerman Johnson Co 625 W Jackson Chicago 6 Ill
ACME Acme Appliance Mfg Co 35 S Raymond Ave Pasadena 1 Calif
ACME Acme Brick Co Box 425 Ft Worth Tex
ACME Acme Rubber Mfg Co Box 1001 Trenton NJ
ACME Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
ACME Gilbey & Bennett Mfg Co 600 Miller Ave Georgetown Conn
ACME QUALITY Acme Quality Paints Inc 3250 St Aubin Ave Detroit 11 Mich
ACQUISTI-CELOTEX Celotex Corp 120 S LaSalle St Chicago 3 Ill
ACQUSTILE Insulate Div Minnesota & Ontario Paper Co 500 Baker Arcade Minneapolis 2 Minn
ACQUSTI-RAIL Mid-West Acoustical & Supply Co 23001 W Lake Rd Cleveland 16 Ohio
ACQUSTONE United States Gypsum Co 300 W Adams St Chicago 6 Ill
ACRABORE Acrabore Inc Mill St Webster Mass
ACRO Acro Tool & Die Works 4554 Broadway Chicago 40 Ill
ACT-EASY Speakman Co 30th & Spruce Sts Wilmington Del
ACT-O-MATIC Sloan Valve Co 4300 W Lake St Chicago 24 Ill
ACTINIC Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa
ACTRITTE Pioneer Mfg Co 3053 East 87th St Cleveland 4 Ohio
ACREST Columbus Ceilings Inc 2500 W North Ave Chicago 47 Ill
AD-AIRE Carter-Waters Corp 2440 Pennway Kansas City 8 Mo
AD-JUSTRITE Marino Lathing Supply Co 309 Denton Ave New Hyde Pk LI NY
- ADAMANT United States Gypsum Co 300 W Adams St Chicago 6 Ill
ADAPT-A-FRAME Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill
ADAPT-A-STRUT Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill
ADAPT-A-WALL Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill
ADAPTABLE Edwards Co Inc Post Hill Rd Norwalk Conn
ADAPTAHORN Edwards Co Inc Post Hill Rd Norwalk Conn
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ADD-A-RACK Autoyre Co Oakville Conn
ADD-A-UNITS Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 Ill
ADDA-STRIP Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill
ADDRESSOGRAPH Addressograph-Multigraph Corp 1200 Babbitt Rd Cleveland 17 Ohio
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ADJUSTITE Inco (H B) Co 5 Artizan St New Haven 3 Conn
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ADMIRAL HOMES Admiral Homes Inc 178 Provost Rd Pittsburgh 27 Pa
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AERO Boyle-Midway Inc 22 E 40th St New York 16 NY
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AEROLITE Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
AEROVENT Aerovent Fabricators Inc Ash & Benton Sts Plaquemine Ohio
AETNA Samson Cordage Works 470 Atlantic Ave Boston 10 Mass
AFCO A & F Tileboard Co Lee & Roy Sts Alexandria La
AGATITE Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
AGITAIR Air Devices Inc 185 Madison Ave New York 16 NY
AGRASEAL Tamm Industries Inc 228 N LaSalle St Chicago 1 Ill
AGRICO American Agricultural Chemical Co 50 Church St New York 7 NY
AGRIWITE American Agricultural Chemical Co 50 Church St New York 7 NY
AIR-CRETE Sullivan Co The 212 E Trigg Memphis Tenn
AIR-JET General Prods Co Box 661 Fredericksburg Va
AIR-LITE BRAND Graybeal (C R) & Sons Box 198 Rosan Mountain Tenn
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AIR-SPEED Louisville Cement Co 501 S 2nd St Louisville 2 Ky
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AIR-WAVE Trade-Wind Motor Fans Inc 5725 S Main St Dallas Tex
AIRCRAFT Simplex Brooder Stove Co 220 Grandville SW Grand Rapids Mich
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AIRESS Consolider Venetian Blind Co 2401 Nicholson St Houston 3 Tex
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AIRLUME Eastern Machine Prods Co 1601 Wisconsin St Baltimore 30 Md
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ALABAX Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY
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ALASKA Washington Stove Works 3402-22 Smith St Everett Wash
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ALDA Alda Mfg Co Cherry & James Sts E Hartford Conn
ALDRA New York Wire Cloth Co Sixth Ave New York Pa
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ALEMITE VERSATAL Stewart-Warner Corp 1828 W Diversey Chicago 14 Ill
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Architect,
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ALUMI-COUSTIC Cupples Prods Corp 2650 S Hanley Rd St Louis 17 Mo
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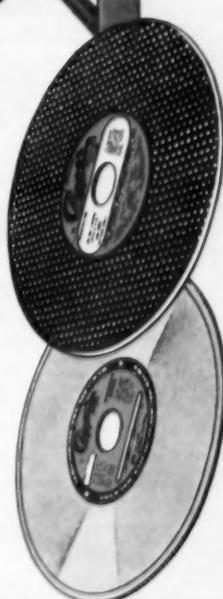
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BARRETT-HOLT Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BASOLIT Nukem Prods Corp 111 Colgate Ave Buffalo 20 NY
BAY CITY Bay City Shovels Inc 2611 Center Bay City Mich
BAY STATE Devos & Reynolds Co Inc 787 First Ave New York 17 NY
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BAYLAUN-BRAND Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash
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BEADCO Root-Lowell Corp 445 N Lake Shore Drive Chicago Ill
BEACON TRIPLE-SLIDE Allied Metal Inc 14 Hamilton St New London Conn
BEADEX CORNER BEAD Beade X Sales Inc 4615 Eighth Ave NW Seattle 7 Wash
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BEAM-TO-GER Beaud (David) & Son Inc PO Box 883 Cleveland 22 Ohio
BEAUTEX Beautex Plaster Mfg Co 13th & Buttonwood St Lebanon Pa
BEAUTIFLOR Johnson (S C) & Co Inc 1525 Howe St Racine Wis
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BEAUTY-DOR Shower Enclosures Inc 1227 W Devon Ave Chicago 40 Ill
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BEAUTY QUEEN Toledo Desk & Fixture Co 1020 Ford Rd Maumee Ohio
BEAUTY-RANGE Dearborn Stove Co 1700 W Commerce St Dallas Texas
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BEAUTY-TONE Vita-Var Corp 10 Commerce Ct Newark NJ
BEAUTY WALL SHAKES Douglas Fir Wholesalers Inc Marysville Wash
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BEAVER Mansfield Sanitary Pottery Inc Ferrysville Ohio
BEAVER Stiehl Cordage Works 470 Atlantic Av Boston 10 Mass
BEAVER Western Reserve Mfg Co 3710 E 93rd St Cleveland 5 Ohio
BEE GEE Brown-Graves Co 191-5 Miller Ave Akron 1 Ohio
BEHR-CAT Behr-Manning Corp Div Norton Co 800 Howe St Troy NY
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BELL PRIME-MOVER Prime Mover Co Sampson St Muscatine Iowa
BELMAR Hough Shade Corp 1203 S Jackson St Janesville Wis
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BEN-HUR FREEZER Ben-Hur Mfg Co 634 E Keefe Ave Milwaukee 12 Wis
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BENDIX Crosley Div Avco Mfg Corp 1329 Arlington St Cincinnati 25 O
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BESSAM Bessam Engineering Co 2528 Overland Rd Cleveland 6 Ohio
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BESTILE Bestile Mfg Co PO Box 71 Ontario Calif
BESTWALL Certain-Teed Prods Corp 120 E Lancaster Av Ardmore Pa
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BIDDLES ELASTIC Bidde Co 408-624 S Main St Louis 2 Mo
BIG DIPPER Gerber Plumbing Fixtures 232 N Clark St Chicago 1 Ill
BIGMESH Inland Steel Prods Co 4111 W Burnham Milwaukee Wis
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BILT-WELL CLOS-TITE Carr Adams & Collier Co 11th and Jackson Dubuque Iowa
BILT-WELL SUPERIOR Carr Adams & Collier Co 11th and Jackson Dubuque Iowa
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BIRCHINA Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich
BITUSEAL Chessman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
BLACK ARROW Black Mfg Co 291 Second St Harrison NJ
BLACK CAT Black Cat Corp West Laurel Ave Hattiesburg Miss
BLACK DIAMOND Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BLACK FLAG Boyle-Midway Inc 22 E 40th St New York 16 NY
BLACK WHALE Astrup Co 2937 W 25th St Cleveland 13 Ohio
BLACK & DECKER Black & Decker Mfg Co 800 E Pennsylvania Towson 4 Md
BLACK & SILVER Hyde Mfg Co Eastford & Clemence Southbridge Mass
BLACKHAWK DUAL-ACTION DOZER Arpa Corp New Holstein Wis
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BROAN Broan Mfg Co Inc 1669 N Water St Milwaukee 2 Wis
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BRODRIL Broderick & Bascom Rope Co 4293 Union Blvd St Louis 15 Mo
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BROMCO Bromwell Wire Goods Co 1306-7 Enquirer Bldg Cincinnati 2 Ohio
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BRUCE Twin City Hardwood Lumber Co 599 N Cleveland Av St Paul 14 Minn

"Just How Strong Is Roltite?"

Because Roltite is actually so strong we've never been able to break the Roltite adhesive film, we don't really know the answer to this question. When a test assembly finally comes apart under pressure, it's always traceable to failure of the bonded material or to the Roltite stripping from one of the surfaces. And stripping occurs only under greater loads than are required to break the film itself on most other contact type adhesives.

So when you ask "Just how strong is Roltite?", we usually respond by telling you what others in your shoes have told us. The answer we get when we ask this question in the field is that Roltite installations just don't fail because of inadequate bond strength. We've been told over and over again by those whose business depends upon it that Roltite has erased their doubts about using seams with decorative laminates, about self-edging laminate sink and counter tops, and about bonding to short radius curves.

Laboratory test results don't prove much in terms of performance in the field, so we prefer to tell you about an informal test set up in our shop over a year ago. The details of that test are given elsewhere on this page.

Without ever definitely answering "How strong is Roltite?", our experience, and yours, has convinced us that exceptional bond strength is another of the reasons why Roltite has come to completely dominate the contact-bonding of decorative laminates. And beyond that, to be recognized as an adhesive of unmatched potential for cutting the cost and improving the results on many jobs with other materials as well.

The growing use of Roltite for installing wall paneling is just one example of the spread of its acceptance. If you're interested in more details on this development, use the coupon below to send for a free folder which tells you just how easy it is to install wall paneling without nails, screws or clamps.



Over a year ago we used Roltite to bond a 4' by 8' sheet of plywood to standard 2" studding on 16" centers. Then more than 2,000 pounds of concrete blocks were hung from brackets fastened to the face of the panel. This was not a carefully controlled laboratory experiment, but a test conducted with no more care than you would expect to use on the job. Over the past year, this panel has been exposed to extremes of temperature and humidity greater than would be found on any normal interior job. Today, with all the weight still in place, it is just as strongly held as on the first day of the test.

A Better Job at Lower Cost — Wall Paneling Bonded with Roltite Cement

No fasteners to fool with, no nail holes to fill. No wonder it's easier, faster and less costly to install wall paneling with Roltite. And when dry, Roltite can be rubbed off even prefinished panels without damaging the finish. Use coupon below to send for your free copy of illustrated "how-to-do-it" folder.



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Please send me a copy of your folder "How to Install Wall Paneling without Nails."

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Nationwide survey by House Beautiful indicates clearly an important trend in counter top preference. So ride with the tide—install stainless steel, most wanted by a big margin.

STAINLESS STEEL up 67%
CERAMIC TILE down 30%
LINOLEUM down 93%

Pacemaker stainless steel sink tops and bowls are being introduced by ELKAY, famous for quality, so that you, the builder, can offer "wanted" stainless steel in all your houses. This new, low price line is ideal for project building, apartments and remodeling . . . costs no more than cast iron! The public wants stainless steel so they can forget sink replacement—forget chipped and worn porcelain. You can give them Pacemaker . . . the "eye-catcher" in your house-selling kitchens.

Write for complete information.

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C

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CELLUMENT Monite Waterproof Glue Co 1093 Monite Bldg Minneapolis Minn
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CHIEF Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash
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CHILLATORS Moquay Inc 1600 Broadway NE Minneapolis Minn
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CHURCH PEMBROKE Church (C F) Mfg Co Box 471 Holyoke Mass

CHURCH REGAL Church (C F) Mfg Co
Box 471 Holyoke Mass
CHURCH ROYALTON Church (C F) Mfg Co
Box 471 Holyoke Mass
CHURCH GOTHIC Church (C F) Mfg Co Box
471 Holyoke Mass
CHURCH EXCELLO Church (C F) Mfg Co
Box 471 Holyoke Mass
CHURCH DELUXE Church (C F) Mfg Co
Box 471 Holyoke Mass
CHURCH COREX Church (C F) Mfg Co Box
471 Holyoke Mass
CINCH Biddle Co 608-624 S Main St Louis 2
Mo
CINCH National Lead Co 111 Broadway New
York NY
CINDER BLOCK PAINT Kleen-Kote Co 691
W 80th St Chicago 29 Ill
CINDERELLA Angel Novelty Co 340 Broad St
Fitchburg Mass
CIPCO Cipeco Corp 22nd & Cole Sts St Louis 6
Mo
CIRCLE B Buffalo Bolt Co Div Buffalo-Eclipse
Corp 101 East Ave N Tonawanda NY
CIRCULAIRE Hammel Radiator Engineering
Co 3348 Motor Ave Los Angeles Calif
CIRCULATOR Majestic Co Hall St Hunting-
ton Ind
CIRCU-RAY Temco Inc 4104 Park Ave Nash-
ville 9 Tenn
CIRCU-AIR Folsom Co Inc 3104 Oak Lane
Dallas 10 Tex
CLARKE Clarke Banding Machine Co 30 E
Clay Ave Muskegon Mich
CLARY Clary Multiplier Corp 408 Junipero St
San Gabriel Calif
CLATEX Stretator Brick Co Div Hydraulic
Press Brick 321 E Main St Stretator Ill
CLAUSS Clausa Cutlery Co 223 N Prospect St
Fremont Ohio
CLEAR-COAT American Sta-Dri Co 4019 38th
St Brentwood Md
CLEARFOX Abesto Mfg Corp 131 Wabash St
Michigan City Ind
CLEEN Stretator Industrial Prods Inc 1500
Park St Evansville 4 Ind
CLEVELAND Cleveland Steel Specialty Co
3771 E 91st St Cleveland 5 Ohio
CLEVELAND Cleveland Trencher Co 20100 St
Clair Ave Cleveland 17 Ohio
CLIFTON Clifton Mfg Co 323 Pleasant St E
Waco Texas
CLIMATE CHANGER Trane Co 3rd & Cam-
eron La Crosse Wis
CLIMATE MASTER Hess Co 1855 S 54th Ave
Chicago 59 Ill
CLIMAX Cleveland Cleaner & Paste Co 7275
Neville Av SW Cleveland 2 Ohio
CLINTON Clinton Metallic Paint Co Arthur
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CLIPPER Breneham-Harthorn Inc 2945 Read-
ing Rd Cincinnati 2 Ohio
CLIPPER Clipper Mfg Co 2800 Warwick
Kansas City Mo
CLIPPER Henderson Furnace & Mfg Corp
3015 Gravenstein Sebastopol Calif
CLIPPER Trade-Wind Motor Fans Inc 5726 S
Main St Los Angeles Calif
CLIPPER ABRASIVES Sandpaper Inc 83 E
Water St Rockland Mass
CLIPPER LOW-BOY Henderson Furnace &
Mfg Corp 3075 Gravenstein Sebastopol Calif
CLIPPERETTE Henderson Furnace & Mfg
Corp 3075 Gravenstein Sebastopol Calif
CLIPPER CCU Henderson Furnace & Mfg
Corp 3075 Gravenstein Sebastopol Calif
CLIPFAST Ruberoid Co 500 5th Ave New
York 36 NY
CLOVALOX Clover Mfg Co 333 Main St Nor-
walk Conn
CLOVER Clover Mfg Co 333 Main St Norwalk
Conn
CLOVEX Seott (O M) & Sons Co Marysville
Ohio
CLUTCH United Screw & Bolt Corp 3590 W
58th St Cleveland 2 Ohio
CLYDE Clyde Cutlery Co Clyde Ohio
CNC Construction Machinery Co 420 Vinton
St Waterloo Iowa
CO-PLY North Pacific Plywood Inc 1549 Dock
St Tacoma 2 Wash
COAST ALLTITE Coast Insulating Prods 2316
San Fernando Los Angeles 65 Calif
COAST PAK-FELT Coast Insulating Prods
2316 San Fernando Los Angeles 65 Calif
COATATUB Protectub Inc 71 Ludlow St New
York 2 NY
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26 N Martha Philadelphia 25 Pa
COLD GENERATOR Trane Co 3rd & Cameron
La Crosse Wis
COLLMER PATERN DRESSERS Collmer
Bros 420 S St Joseph St South Bend 1 Ind
COLLOPAKES Cabot (Samuel) Inc 141 Milk
St Boston 9 Mass
COLONIAL Colonial Bronze Co Winsted Rd
Torrington Conn
COLONIAL Reflecto Letters Co 411 E 101st St
New York 29 NY
CORNBESTOR Johns-Manville Corp 22 East
40th St New York 16 NY
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Greenpoint Ave Brooklyn 22 NY
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Belleville Detroit 11 Mich
COLOR-GLAZE Colorcrete Industries Inc 24th
& Ottawa Sts Holland 1 Mich
COLOR-GRAINED Ruberoid Co 500 5th Ave
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Truman Rd Kansas City Mo
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Ruberoid Co 500 Fifth Ave New York 36 NY
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Stone Co Inc 3232 E 31st St Tulsa Okla
COLORCOTE STAIN PAINTS Color Shake
Corp PO Box 832 Marysville Wash
COLORCRETE Colorcrete Industries Inc 24th
& Ottawa Sts Holland 1 Mich
COLORMIX Master Builders Co 7016 Euclid
Ave Cleveland 3 Ohio
COLORNAILS Color Shake Corp PO Box 832
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COLORSHAKE PANELS Color Shake Corp
PO Box 832 Marysville Wash
COLORSHAKES Color Shake Corp PO Box
832 Marysville Wash
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St Chicago 8 Ill
COLOSATE Cololyte Tyle-Bord Inc 975 John
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COLORYM Cololyte Tyle-Bord Inc 975 John
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COLUMBIA Columbia Southern Chemical Corp
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COLUMBIA Eagle Rule Mfg Corp 505 Hunts
Point Ave York 55 NY
COLUMBIA BRICK Columbia Brick Works
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COM 500 SUPER Commonwealth Paint &
Varnish Co 4124 W Parker Ave Chicago 39
Ill
COM SCRUBABLE Commonwealth Paint &
Varnish Co 4124 W Parker Ave Chicago 3
Ill
COMASCO Consolidated Machinery & Supply
Co Ltd 2031 Santa Fe Ave Los Angeles 21
Calif
COMBUSTIONEER Combustioneer Div Steel
Prods Engineering Co 1205 W Columbia St
Springfield Ohio
COMET Chisholm Moore Hoist Div Columbus
McKinnon Chain Corp Fremont Ave Ton-
awanda NY
COMET Consolidated Machinery & Supply Co
Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
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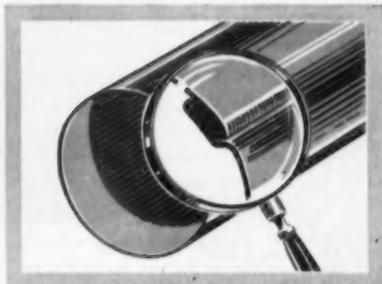
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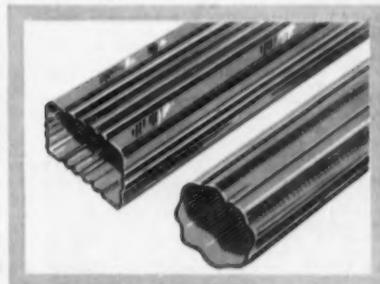
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It's full weight—Look for the die-stamped Chase Trade Mark and Weight Stamp—your assurance that Chase Copper Roofing Products have stability and permanence.



Seams are adequate—Chase Copper Leaders are formed from full-width strips, to assure strong, expansion-proof seams.



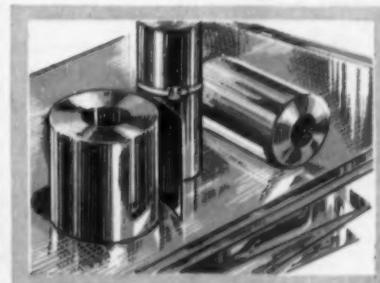
Corrugations are deep and generous—Chase Copper Downspouts have full-depth corrugations, ample for temperature ranges in any climate.



It can be soldered . . . with ease and economy—Long-lasting, water-tight joints are assured when standard soldering techniques are applied to Chase Copper Roofing Products.



It's architecturally harmonious—Modern or traditional design both benefit from Copper's rich appearance—a metal protected and beautified by nature itself.



It's economical—The ratio of first-cost to years of service is at a bare minimum, when Copper is used. And, the relationship of copper to overall building costs is as reasonable as it ever was in the past.

Chase[®]

BRASS & COPPER CO.

WATERBURY 20, CONNECTICUT • SUBSIDIARY OF KENNECOTT COPPER CORPORATION

For maximum life and performance, specify Chase full weight copper leaders, gutters and roofing accessories.

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DURA-LOK Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
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DURA-PROOF Penn Crete Prods Co 20th Lippincott St Philadelphia 32 Pa
DURABLE Acme Rubber Mfg Co PO Box 1001 Trenton NJ
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DURACUT Hay State Abrasive Prods Co Union St Westboro Mass
DURALINE Universal Drafting Machine Co 7060 Lorain Rd Cleveland 2 Ohio
DURALITE Aluminum Home Prods Co Carr St at Southern Ry Knoxville Tenn
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DUROTEX Kedmont Mfg Co 330 S Dearborn Chicago 4 Ill
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DUSKITE Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
DUTCH BRAND Van Cleef Bros Inc 7800 S Woodlawn Chicago 19 Ill
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DYNA-FLASH Milwaukee Electric Tool Corp 5256 W State St Milwaukee 8 Wis
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ELASTIGUM Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
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ELECTRO-KLEAN Herman Nelson 215 Central Ave Louisville Ky
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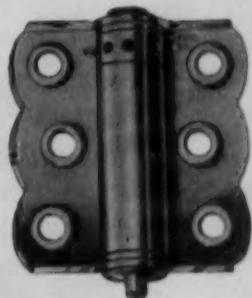
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EVERLASTING Wall (P) Mfg Co 200 Erie St Grove City Pa
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EVERMIST Everspray Div Everhot Prods Co 2001-09 W Carroll Chicago 12 Ill
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EVERSTICK Hayes Adhesives Co Inc Union Blvd at Brown St Louis 15 Mo
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Available in Oilite or plain bearing and template or non-template designs in all sizes and finishes. Also available in round corner.



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Texture One-Eleven combines high style with the strength and dependability of industry quality grade-trademarked Exterior fir plywood (EXT-DFPA®), made with waterproof glue. Specify it by name. And remember, only genuine T 1-11® gives you all these features:

- *Shiplap edges neatly conceal vertical joints.*
- *Clean-cut grooves, surface texture.*
- *3/8"-thickness leaves full 3/8" panel behind 1/4"-deep grooves.*
- *Comes in 8' and 10' lengths with grooves either 2" or 4" o.c.*
- *EXT-DFPA® on panel means waterproof glue.*

For free full-color idea folder and other data, write Douglas Fir Plywood Association, Tacoma 2, Washington.

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Texture One-Eleven[®]

EXTERIOR FIR PLYWOOD • EXT-DFPA

...the exciting new panel material
that combines line and texture



Since its introduction only a few months ago, Texture One-Eleven[®] has been enthusiastically received by architects and builders. Here are examples of the many exciting things being done with this striking new material.



Texture One-Eleven siding combines high style with strength, durability and economy of dependable Exterior fir plywood.



Equally effective for patio fences, gable ends and soffits, T 1-11 contrasts well with masonry and other materials.



Texture 1-11 meets FHA requirements for combined siding and sheathing which permits major construction economy.



T 1-11's bold groove pattern and subtle surface texture adds drama and interest to residential and commercial interiors.



Texture 1-11 siding weathers well, surface texture is enhanced by exposure. Glue is completely weather & waterproof.



Builders of special demonstration homes report home buyers equally taken with striking beauty of new Texture 1-11.

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FABULON Pierce & Stevens Inc 710 Ohio St Buffalo 3 NY
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FAIRFIELD BUILDER Fairfield Engineering Co 324 Barnhart St Marion Ohio
FAIRFIELD FEATHER-LITE Fairfield Engineering Co 324 Barnhart St Marion Ohio
FAIRFIELD HAINES Fairfield Engineering Co 324 Barnhart St Marion Ohio
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FLOR-CEAL Builders Prods 105 W Adams St Chicago 3 Ill
FLORBOSS Florboss-Habit Co 4181 W Montross Chicago 41 Ill
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FLOVEYOR Brady Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
FLOYD-COLD Acme Industries Inc 600 N Mechanic St Jackson Mich
FLOW-TEMP Acme Industries Inc 600 N Mechanic St Jackson Mich
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FOLEY Foley Mfg Co 3390 NE Fifth St Minneapolis 18 Minn
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FREEMAN Illinois Iron & Bolt Co 914 S Michigan Ave Chicago 5 Ill
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Why Oliver offers two tractors for the same kind of work

Pictured above is the Oliver Super 55 wheel tractor. Below, the "OC-3" crawler. Both do the same kind of work. Both have mounted equipment that includes: front-end loaders, bulldozers, angling-blade and hydraulic 3-point hitch that takes scrapers, booms, forks, scoops, post diggers and many other tools.

Together these two tractors can produce far more than a single larger crawler or wheel tractor. Put a loader on one, bulldozer on the other and you have a team for any job. A 3-point hitch on each tractor makes equipment twice as useful, half as

expensive—buy one tool, use it on either machine. This interchange even includes an all-hydraulic $\frac{3}{8}$ -yd. backhoe.

These tractors are compact and easy to handle. They get around fast, work in small quarters, take little fuel and can be used in *two* places at one time! And when half this team is a crawler, your work continues year

around, in all weather.

If your work does not permit two tractors, then pick the one that fits best, saves the most. The "OC-3" is gasoline powered, the Super 55 offers gas or diesel power. If you want to see these tractors and drive them yourself, or learn about the many mounted tools they use, call or see your Oliver Industrial Distributor.

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IDEAL ONE BORE Ideal Brass Works Inc
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GENERAL BRONZE helps you

build with ... *an exciting outlook!*

**with a complete line of Aluminum Windows
and Doors for every building need**

DOUBLE-HUNG AND PICTURE WINDOWS

WITH OR WITHOUT
FIN-TRIM



Double-hung windows in 35 stock sizes, 8 basic styles. Completely preassembled with or without Fin-Trim. Easy to handle and install. Fit all types of construction, save time and labor, give lower "installed costs." Picture windows in 3 standard widths, all heights. Screens and storm sash to fit.

HORIZONTAL SLIDING WINDOWS

15 STOCK SIZES



America's most popular window. Available with Fin-Trim and for wood buck installation. Simple, easy, low-cost installation. Home buyers like their easy operation, full ventilation, privacy and extra usable wall space. Screens and storm sash also available.

PICTURE SLIDING WINDOWS

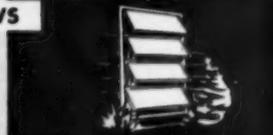
12 STANDARD SIZES



Large fixed glass center unit with sliding sash units on each side for ventilation. Integral Fin-Trim simplifies installation. Ideal unit for living room, dining room, kitchen or den.

AWNING WINDOWS

15 STANDARD SIZES
15 MODULAR SIZES



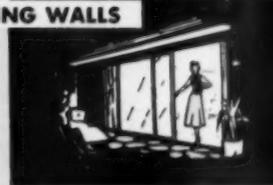
Strong, sturdy, well-designed and precision built. Ideal for use in low-cost residences, as well as in schools and hospitals. Many outstanding features include complete weatherstripping, "balanced-power" roto operator and delayed action opening. Screens and storm sash easily applied from inside.

VIEWALL WINDOWS



All-aluminum floor-to-ceiling picture window with fixed glass units and sliding window vents for ventilation in any arrangement. 7 sizes up to 9 ft. wide x 6 ft. high.

PAN-O-RAMA SLIDING WALLS



Large floor-to-ceiling sliding glass doors are precision made from strong extruded aluminum. Easy gliding doors and screen units with ball bearing rollers move on separate tracks. In widths from 6 ft. to 24 ft. and in heights of 7 ft. and 8 ft.



For additional information, see your local Alwintite distributor or write for copy of our complete catalog to Dept. AB 554.

aluminum
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by **GENERAL BRONZE CORPORATION**

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BUILT-IN RANGES**

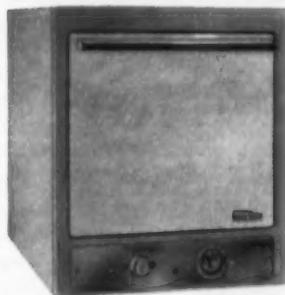
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COMPETITIVELY PRICED!**

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A Built-In Range is fast becoming the feature that sells the house, but before you buy, be sure to see the Stiglitz Infra-Aire. You'll find better construction and more features in the Stiglitz range than in any other brand on the market.

**A STIGLITZ EXCLUSIVE IS
THE TOP DRAWER SECRET**



STACK-ON
OVEN



INSERT
OVEN

OVEN SPECIFICATIONS

STACK-ON TYPE OVEN

Oven Size, All Models — 17" high x 18" wide x 19" deep

Cabinet Size:

Model No. AV — 27 1/4" high x 24" wide x 23" deep

Model No. YT — 27 1/4" high x 24" wide x 23 1/2" deep

Model No. SO — 27 1/4" high x 24" wide x 24 1/2" deep

Broil Element — 3,000 watts

Bake Element — 2,400 watts

INSERT TYPE OVEN

Oven size — 17" high x 18" wide x 19" deep

Cabinet Opening Required — 25 3/4" high x 23" wide x 23 1/2" deep

Broil Element — 3,000 watts

Bake Element — 2,400 watts

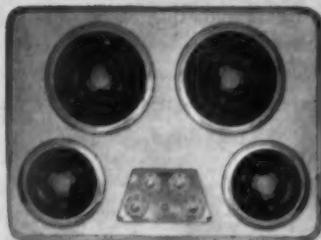
Only 1/8" clearance all around is necessary for wood cabinets.



Cooking Top Model 4-SC is the only cooking top on the market that leaves the top drawer in the cabinet free for storage use. Requires only 3" depth, easily installed — no disassembling of switches, fits standard 24" and 30" base cabinets, 7 heat switches and indicator light. This unit cuts installation costs—increases appraisal value.

Of especial importance to you, Stiglitz has a builder's program that makes real sense. Send for details today.

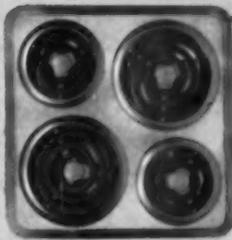
COOKING TOP SPECIFICATIONS



MODEL 4-SC

Two 6" Elements (1250 watts ea.)
Two 8" Elements (2100 watts ea.)
Cabinet Opening Required—20 1/2" x 27 1/4"
Over-all Top—20 13/16" x 28"
Requires only 3" depth for installation

14 x 20 1/4" GRIDDLES
ALSO AVAILABLE



MODEL CT-4

Two 6" Elements (1250 watts ea.)
Two 8" Elements (2100 watts ea.)
Cabinet Opening Required—
20 1/2" x 20 1/4"
Over-all Top—
20 13/16" x 20 13/16"



MODEL CT-2

One 6" Element (1250 watts)
One 8" Element (2100 watts)
Cabinet Opening Required—
20 1/2" x 11 1/4"
Over-all Top—
20 13/16" x 12 5/16"

Cabinet Openings require 1 1/2" corner radius on all tops.

MAIL THIS COUPON TO DEPT. AB
THE STIGLITZ CORPORATION
2007 PORTLAND AVE., LOUISVILLE 3, KY.

Please send me details about your builder's program, free literature and prices on Stiglitz Infra-Aire Electric Ranges.

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LITE-MIX Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
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LITTLE MAJOR Arro Expansion Bolt Co 1430 N Boone Ave Marion Ohio
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HERKIMER
(FORMULA HOUND)

He can't talk, but he has everything to say about Dura-seal equipped window units! That's because extra care has to be taken concerning the health of little guys.



SISTER SUE
(BALLET BABY)

For obvious reasons, Susie can't stand drafts. When the wind is up, she just isn't on her toes. The bare facts are—She demands Dura-seal to stop all chance of drafts.



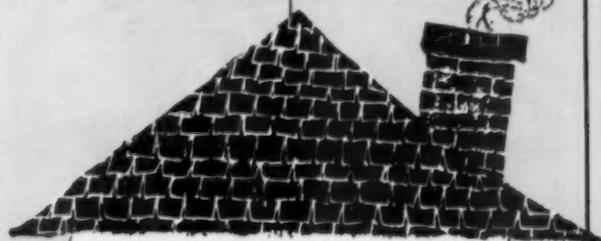
AUNT CLARA
(CARROT EATER)

Long ago, Auntie gave up meat, tobacco, rum and other cooked foods. She loves fresh air, windows she can fling wide easily. She's CRAZY about Dura-seal's sash balance.



UNCLE LOUIE
(NIGHT WATCHMAN)

Here's a man who gets his sack-time in the daytime, and woe to the rattling window! He is mad about the quiet action of Dura-seal Si-Vel coated springs.



TYPICAL HOUSE BUYERS

(AND ONE THING THEY AGREE ON)



MOM
(THE MAID)

She makes every step count, but try to count the steps she takes each day! Windows that stick just aren't in her scheme of things. She wants Dura-seal's easy open, easy close!



HOOT MON, ITS POP

These days a mon has to be mighty cr-r-rafty to save a tuppence, but when you figure a 30% to 40% saving on fuel, you figure Dura-seal pays for itself many times over.

Get the window equipment that provides draft-free comfort, fuel savings and effortless window operation!

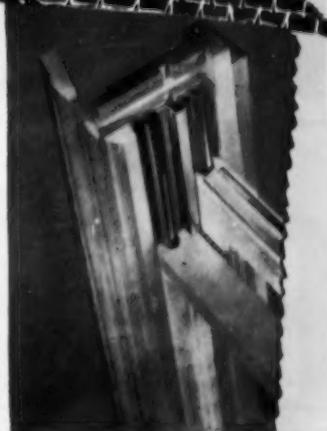
Dura-seal equipped windows slide up or down with the flick of a finger—seal out winter and provide 4½ times the weather protection—afford a 30% to 40% fuel savings! Dura-seal Combination Metal Weatherstrip and Sash Balance always adjusts itself for a complete seal, and its tailored beauty makes your windows more attractive. Send for complete information today.

Zegers, Incorporated, 8096 South Chicago Avenue, Chicago 17, Illinois

ZEGERS

Dura-seal

Combination
Metal Weatherstrip
and Sash Balance



Perfect
Choice!

the
Deluxe

by
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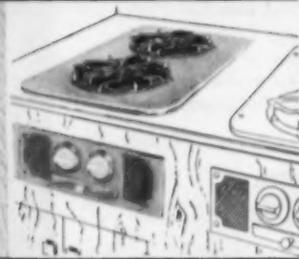
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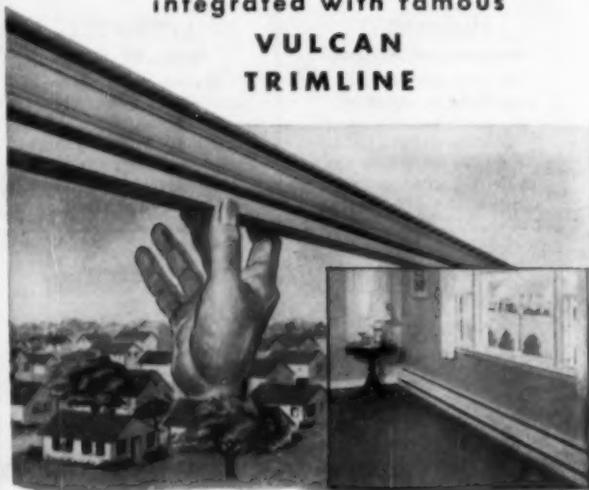
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Never has there been anything like it — the first integrated year-round baseboard heating-cooling system for the American home.

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Tested. Proved — exhaustive research plus hundreds of testing hours, both in the laboratory and in the field, have proved the value of Vulcan Baseboard "Home Conditioning."

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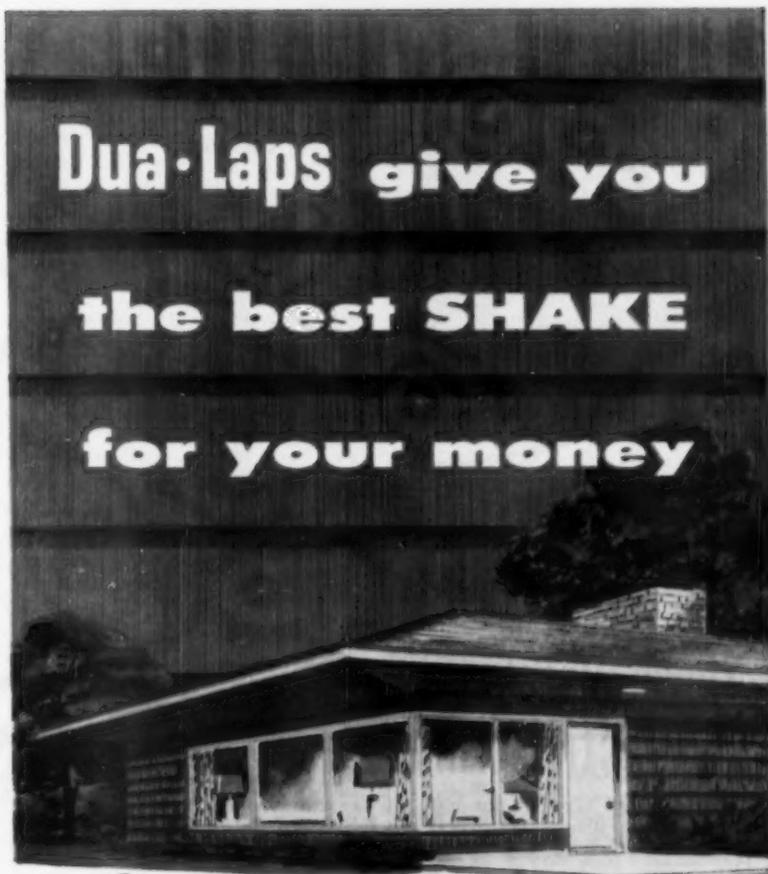
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Dua-Laps arrive on the job pre-painted and thoroughly dry, ready to nail up without costly finishing. Greater color consistency and longer weather wear are offered by *Dua-Laps* because maximum color change (oxidation) occurs in our exclusive catalytic oven and not on the house, as with ordinary lamp-dried shakes. This avoids embarrassing color changes on the home due to oxidation.

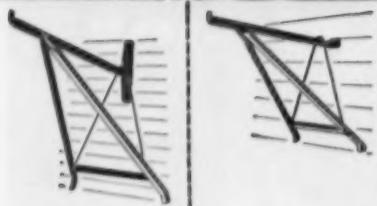
Re-buffed and re-squared, *Dua-Laps* go up fast. Wider exposure means less shakes, and less man hours.

Sell your *Dua-Lap* homes with confidence; sell the smart "expensive look" and greater insulation value at low cost. Investigate the possibilities of *Dua-Laps* for your next job.

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These Brackets Cut Erection Time

You can install "Trouble Saver" Scaffold Brackets faster than it takes to build a make-shift wooden scaffold. And once they're up, you know you've got a level and positively secure footing. Light and easy to manage, yet sturdily built of rail steel to provide a safe working platform. "Trouble Saver" Scaffold Brackets are a sound investment because they save time and materials every time they're used.

Available in 3 and 3½ ft. lengths for nail, studding or bolt attachment. Any one type can be converted to any other with "Trouble Saver" Bracket Attachments.



ONE-MAN LADDER JACK
Adjusts to any pitch on either side of ladder.



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Uses side rails of ladder for extra-safety.

Write for complete information on all "Trouble Saver" Scaffolding Accessories.

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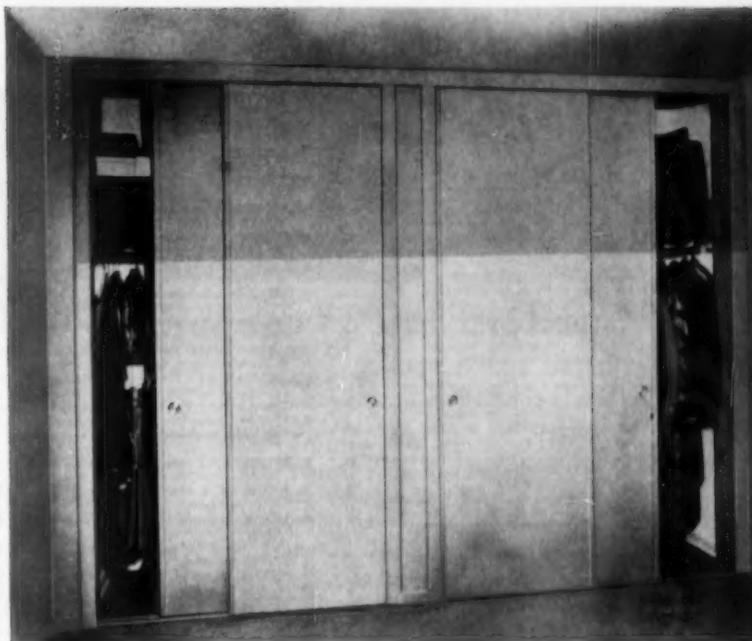
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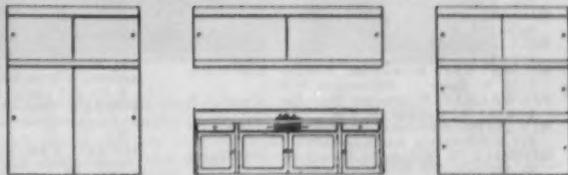
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Write Today For A.I.A. File, specifications and details on all Glide-All Sliding Doors.

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Glide-All Doors are produced in 5 modern plants across the Nation . . . available from distributors throughout United States and Canada. • For complete information write plant nearest you.

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MILLER Miller (Frank B) Mfg Co 3216 Valhalla Dr Burbank Calif
MILLIKEN Milliken Brick Co 2100 Montier St Pittsburgh 21 Pa
MILWAUKEE Milwaukee Electric Tool Corp 5356 W State St Milwaukee 8 Wis
MILWAUKEE Milwaukee Hay Tool Co 2773 S 29th St Milwaukee 46 Wis
MINALITH American Lumber & Treating Co 332 S Michigan Ave Chicago 4 Ill
MINNACOTE Minnesota Paints Inc 1101 Third St Minneapolis Minn
MINNFLO Minnesota Paints Inc 1101 Third St Minneapolis Minn
MINNSPAR Minnesota Paints Inc 1101 Third St Minneapolis Minn
MINUT-BARB Dare Prods Inc PO Box 157 Battle Creek Mich

MINUTE MAN Dare Prods Inc PO Box 157 Battle Creek Mich
MINUTE MAN Slaymaker Lock Co 115 S End Ave Lancaster Pa
MIRACLE Corson (G & WH) Inc Plymouth Meeting Pa
MIRACLE Marquart Millwork Co 59 Ceape St Oakkosh Wis
MIRACLE ANCHOR Miracle Adhesives Corp 214 E 53rd St New York 22 NY
MIRACLE BLACK MAGIC Miracle Adhesives Corp 214 E 53rd St New York 22 NY
MIRACLE BRITE MAGIC Miracle Adhesives Corp 214 E 53rd St New York 22 NY
MIRACLE FLOOR Camp Co Inc 6958 S State Chicago 21 Ill
MIRACLE R-MIR-DEK Miracle Adhesives Corp 214 E 53rd St New York 22 NY
MIRAPLAS Miraplas Tile Co 989 Parsons Ave Columbus 6 Ohio
MIRATRIM Miraplas Tile Co 989 Parsons Ave Columbus 6 Ohio
MIRAWAL Universal Major Electric Appliance Co Box 119 Lima Ohio
MIRAWAL TILE Universal Major Electric Appliance Co Box 119 Lima Ohio
MIRICO-BOND Camp Co Inc 6958 S State Chicago 21 Ill
MIST RAY Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City NY
MISENER Misener Mfg Co Inc 202-8 Walton St Syracuse 2 NY
MITCO Hendrick Mfg Co Dundaff St Carbonado Pa
MITCO Mitchell Moulding Co 1501 Circle Ave Forest Park Ill
MITERMASTER Hendrick Mfg Corp 11 Selman St Marblehead Mass
MITI-MITE Harnischfeger Corp 4400 W National Milwaukee 46 Wis
MIX ELVATOR Air Placement Equipment Co 1009 11 W 24th St Kansas City 8 Mo
MIXERMOBILE Mixermobile Mfrs 8027 Killingsworth Portland 29 Ore
MOBIL WALLS Virginia Metal Prods Inc Dept A-41 Orange Va
MODEL 450 REMINGTON STUD DRIVER Remington Arms Co Inc 939 Barnum Ave Bridgeport 2 Conn
MODERN Modern Welding Co 1500 East 12th Greensboro Ky
MODERN HOMES Modern Homes Corp 14507 W Warren Dearborn Mich
MODERN VENT Superior Window Co 5300 N W 37th Ave Miami Fla
MODERNFOLD New Castle Prods Co Box 355 New Castle Ind
MODUL-AIRE United States Air Conditioning Corp Coms Ave SE at 33rd St Minneapolis Minn
MODULART Weber Showcase & Fixture Co 5709 Avalon Blvd Los Angeles 54 Calif
MOHAWK Cheney Henry Hammer Corp 73 W Mill St Little Falls NY
MOHAWK Mohawk Flush Doors Inc 3383 Hammond Ave Elkhart Ind
MOLCOR Hemt Mfg Co Sheboygan Fall Wis
MOLDCHIL Capewell Mfg Co 69 Governor St Hartford 2 Conn
MOLINE Moline Iron Works Moline Ill
MOLLY Molly Corp 504 Medical Arts Bldg Reading Pa
MOLWOOD Plumbers Woodwork Co Box 157 Algona Wis
MONARCH Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
MONARCH Monarch Malleable Iron Range Co Beaver Dam Wis
MONARCH Root-Lowell Corp 445 N Lake Shore Drive Chicago Ill
MONARCH CUTTER Texas Foundries Inc PO Box 180 Lubbock Texas
MONARCH-IN-A-SLIDE New Monarch Machine & Stamping Co 406 S W Ninth St Des Moines 9 Iowa
MONITE Monite Waterproof Glue Co 1093 Monite Bldg Minneapolis Minn
MONITOR Baker Mfg Co 133 Enterprise St Evansville Wis
MONO-CHROME Mexico Refractories Co Love and Cole Sts Mexico Mo
MONO-FIRRIK Mexico Refractories Co Love and Cole Sts Mexico Mo
MONOGRAM Watson (Geo E) Co 417 S Wabash Ave Chicago Ill
MONOGRAM Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill
MONOTOP General Electric Co 1 Plastics Ave Pittsburgh Pa
MONUMENTAL Ware Laboratories Inc 3700 NW 25th St Miami Fla
MOOREKILN Moore Dry Kiln Co 1229 W State St Jacksonville Fla
MOORE-FIN Moore Dry Kiln Co 1229 W State St Jacksonville Fla
MOORE'S HOUSE PAINT Moore (Benjamin) & Co 511 Canal St New York 13 NY
MOORE'S ONE-COAT HOUSE PAINT Moore (Benjamin) & Co 511 Canal St New York 13 NY
MOPACO VAR Mobile Paint Mfg Co PO Box 1686 Mobile Ala
MOR-SUN Morrison Steel Prods Inc 601 Amherst St Buffalo 7 NY
MORGAN QUALITY WOODWORK Morgan Co 520 Oregon St Oshkosh Wis
MOROCCAN LEATHERBOARD Wallace Mfg Co 10th & Fayette N Kansas City Mo

MORRISON Morrison Steel Prods Inc 601 Amherst St Buffalo 7 NY
MORTASEAL United States Gypsum Co 399 W Adams St Chicago 6 Ill
MORTEX #5 Mortell (J W) Co 559 N Hobbie Ave Kankakee Ill
MORTITE Mortell (J W) Co 559 N Hobbie Ave Kankakee Ill
MOTO-BUG Koehring Co 3026 W Concordia Milwaukee 16 Wis
MOTO-BUG Kwik-Mix Co Port Washington Wis
MOTO-CRANE Thew Shovel Co 1374 E 28th St Lorain Ohio
MOTO-MIXER Chain Belt Co 4689 W Greenfield Milwaukee 1 Wis
MOTO-TRIMMER Bosworth Mfg Co Mills Road Avon Ohio
MOTORSTOKOR Hershey Machine & Foundry Co 1940 Miller St Manhattan Pa
MOTOTURB Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass
MOTOWIFT Colson Corp Elyria Ohio
MOUTLEUX Moutile Inc N Montgomery St Newburgh NY
MOULSTONE Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 Ill
MOULTHE Moutile Inc N Montgomery St Newburgh NY
MOUNT VERNON Gerber Plumbing Fixtures 232 N Clark St Chicago 1 Ill
MOYNO Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
MUD-JACK Koehring Co 3026 W Concordia Milwaukee 16 Wis
MUELLER CLIMATROL Mueller Climatrol Corp 2905 W Oklahoma St Milwaukee 15 Wis
MULLER MIXER Muller Machinery Co Inc PO Box 248 Metuchen 4 NJ
MULLER POWER TROWEL Muller Machinery Co Inc PO Box 248 Metuchen 4 NJ
MULSOMASTIC Tremco Mfg Co 8791 Kinsman Rd Cleveland Ohio
MULTI-COIL Rudd Mfg Co 2934 Smallman St Pittsburgh 1 Pa
MULTI-CUT Western Saw Works 1844 W Washington Los Angeles Calif
MULTI-DIAMETER U S Expansion Bolt Co State St and PRR York Pa
MULTI-FIN Rudd Mfg Co 2934 Smallman St Pittsburgh 1 Pa
MULTI-MAST Utility Service Co Inc 921 13th Racine Wis
MULTI-PURPOSE Flint & Walling Mfg Co Inc 95 Oak St Kendallville Ind
MULTI-SHINGLES Barrett Div Allied Chemical & Dye Corp 49 Rectort St New York 4 NY
MULTI-TECTOR Master Lock Co 2509 N 32nd St Milwaukee 45 Wis
MULTI-VENT Pyle-National Co 1354 N Kostner Chicago 51 Ill
MULTICO BLOCKMASTER Multiplex Machinery Co Div Multipack Inc 7400 Grand Division Ave Cleveland 25 Ohio
MULTIGRAPH Addressograph-Multigraph Corp 1200 Babbitt Road Cleveland 17 Ohio
MULTILITH Addressograph-Multigraph Corp 1200 Babbitt Road Cleveland 17 Ohio
MULTITINT Seidlitz Paint & Varnish Co 18th & Garfield Sts Kansas City 10 Mo
MUR-MADE Murdock Mfg and Supply Co 426-30 Plum St Cincinnati 2 Ohio
MURA-TEX Tile-Tex Div Flintkote Co 1200 Riverside Ave Chicago Heights Ill
MURATLE Mosaic Tile Co 1949 Pershing Ave Zanewille Ohio
MURCO Murray (D J) Mfg Co 1924 Third St Wausau Wis
MUSI-KOM Home Music Systems Inc 644 Madison St Memphis Tenn
MUVIT Sterling Paint & Varnish Co 184 Commercial St Malden 48 Mass
MYERS Myers (F E) & Bro Co 424-34 Orange St Ashland Ohio
MYSTONE The Penetone Co 74 Hudson Ave Tenafly NJ
MYTI-DRI Masonry Waterproofing Co Inc Box 1061 North Sta Arlington 7 Va

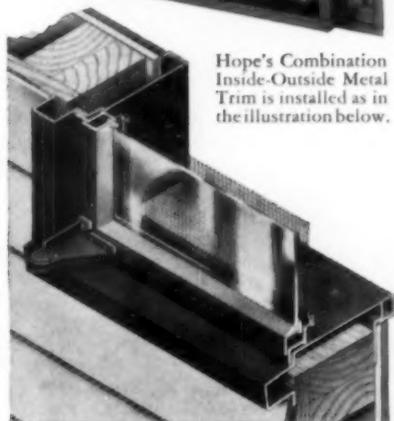
N

N S W NSW Co 12930 Auburn Ave Detroit 23 Mich
NABORS Nabors (W C) Co Mansfield La
NAIROIL National Airoil Burner Co 1284 E Sedgley Ave Philadelphia 34 Pa
NALCO National Lead Co 111 Broadway New York 6 NY
NALTEx Nalle Plastics Inc 108-112 W Second Austin 1 Texas
NALTILE Nalle Plastics Inc 108-112 W Second Austin 1 Texas
NAM-A-LAC Mobile Paint Mfg Co PO Box 1686 Mobile Ala
NANCY WARREN United Wallpaper Inc PO Box 348 Aurora Ill
NARROWALL Holly Mfg Co 875 Arroyo Pkwy Pasadena 2 Calif
NASHOTAH-PAKT Nashotah Moulding & Mfg Co Nashotah Wis
NAT BLAK National Rock Wool Sales Inc Largo Ind
NAT ROC National Rock Wool Sales Inc Largo Ind
NATREZ FLAT ENAMEL Mobile Paint Mfg Co PO Box 1686 Mobile Ala

HOPE'S

Since 1818

STEEL WINDOWS HAVE THE STRENGTH AND RIGIDITY THAT NO OTHER WINDOW CAN MATCH



Hope's Combination Inside-Outside Metal Trim is installed as in the illustration below.

RESIDENCE (Holford) CASEMENTS

ACTUAL SASH SIZES	3'-1"	3'-1"	4'-3"	5'-0"	7'-7"
2'-2"	1212	2212	2222	3222	4222
3'-2"	1313	2313	2323	3323	4323
4'-2"	1414	2414	2424	3424	4424
4'-2"	1413	2413	2423	3423	4423
5'-3"	1514	2514	2524	3524	4524

HOPE'S COMBINATION INSIDE-OUTSIDE METAL TRIM is easily and quickly installed with all standard sizes of Hope's Steel Casements. Trim fits into rough openings; no finished carpentry is required, either inside or out. Only a few minutes are needed for assembling at the warehouse or on the job.

HOPE'S STEEL CASEMENTS (standard sizes shown in above diagram) provide a variety of sizes and ventilator combinations that complement any type of architecture; readily fit any kind of construction. No other window can equal the strength and durability of steel.

HOPE'S ROTO TYPE RANCH WINDOWS

	3'-1 $\frac{7}{8}$ "	6'-2 $\frac{3}{4}$ "	9'-3 $\frac{3}{8}$ "
2'-1 $\frac{1}{2}$ "	R1110	R21210	R31210
4'-2 $\frac{3}{4}$ "	R1211	R22211	R32211
6'-3 $\frac{3}{8}$ "	R13112	R23212	R33212



Hope's New Roto Ranch Windows have wide (1 $\frac{1}{2}$ " muntins in proper proportion to panes. They provide great rigidity and harmonize with residential construction. Awning type ventilators open and close easily, quickly. Die-cast underscreen roto operator has extension arm of stainless steel fitted with a bronze shoe.

New flat-type fixed screens need never be touched. No fussing with wickets. Glazing may be standard units of "Thermopane", "Twindow" (to eliminate storm sash) or single panes, sheet or plate glass. No other Ranch Window in the same price range possesses all these features . . . and Hope's prices are low.

For Full Information on Hope's Residence Casements and New Roto Ranch Windows, Write

HOPE'S WINDOWS, INC., JAMESTOWN, N. Y.

8 out of 10* home

*Based on nation-wide survey and confirmed by publication surveys



buyers want this floor

**IN ALL PRICE RANGES, OAK FLOORS ARE
A SURE SIGN OF QUALITY CONSTRUCTION**



\$15,000

Low original cost and high salability make Oak Floors preferred for medium and low-cost homes . . . even those built to sell for less than \$10,000.

*Builder, Crawford Corporation,
Baton Rouge, La.*



\$20,000

Oak Floors bring higher loan values, a most important feature in development projects such as Albert Balch's prize-winning Wedgwood homes.

*Builder, Albert Balch, Seattle
Architects, Grainger, Thomas & Barr*



\$30,000

New FHA quality concept recognizes higher value of houses with durable Oak Floors . . . yet first cost is much less than for most flooring materials.

*Builder, Ray Klapprick
Design by Selzer of Elm Grove, Wisc.*



\$50,000

The luxurious appearance of Oak Floors . . . their style leadership, elegance and beauty . . . make them preferred for costliest homes, too.

*Builder, Carl T. Peterson, Chicago
Architects, Perkins & Will*

You know you're RIGHT when you specify

oak floors



NATIONAL OAK FLOORING MANUFACTURERS' ASSOCIATION

Sterick Building, Memphis 3, Tenn.



New Money Maker for your job . . . Ford F-100 Pickup for '55 features top payload capacity of 1,718 lbs.; big 45-cu. ft. loadspace; easy loading height (just over 2 ft. from ground). Short

Stroke design gives extra-long life for 132-h.p. Power King V-8 or 118-h.p. Cost Clipper Six. Driverized Cab offers unlimited visibility. Fordomatic Drive, Power Brakes available.

To get the most for your money **LOOK UNDER THE HOOD!**

Make sure your next truck has a modern short-stroke engine—that gives gas savings of up to 1 gallon in 7 . . . prolongs piston ring life up to 53%. Only Ford offers Short Stroke power in every engine.

Short Stroke engine design for trucks is making headlines. In some makes of trucks it's still in a development stage. In others, it has reached the early production stage. *But only in Ford Trucks has it been advanced by over 3 years of experience and more than 5 billion miles of service.* Only Ford Trucks offer Short Stroke design in every engine, V-8 or Six, for **EXTRA long life!**

Look under the hood for gas-saving Short Stroke power. Look behind the wheel for driver-saving Driverized Cab comfort. Look over the axle for trip-saving payload capacity. Ford Triple Economy Trucks give you all three! Call your nearest Ford Dealer now for complete information.



Look under the hood for an engine with a "stroke" as short as, or shorter than its "bore." That's a modern *short-stroke* engine—the Ford kind of engine that gives you: reduced piston travel and piston speeds . . . up to 33% less friction, more usable power . . . gas savings up to 1 gallon in 7 . . . less wear on vital moving parts and much longer engine life!

Ford Triple Economy Trucks

THE MONEY MAKERS FOR '55

AMERICAN BUILDER

NATCHEZ LUSTER-NAMEL Mobile Paint Mfg Co PO Box 1686 Mobile Ala
 NATIONAL Lumbia-Geneva Div US Steel Corp Russ Bldg San Francisco 6 Calif
 NATIONAL Metal Trims Inc PO Box 1072 Youngstown 1 Ohio
 NATIONAL National Radiator Co 223 Central Ave Johnstown Pa
 NATIONAL National Screen Co Inc Madison Ave Extended Suffolk Va
 NATIONAL DISPOSER National Rubber Machinery Co 47 W Exchange St Akron 8 Ohio
 NATIONAL LIFETIME TILE National Tile & Mfg Co East 26th St Anderson Ind
 NAVAJO Chicago Paints Inc 4500 W 14th Chicago 23 Ill
 NAVAL Slotted Valve Co 4300 W Lake St Chicago 24 Ill
 NAVEE 427 The Penetone Co 74 Hudson Ave Tenafly NJ
 NEGATOR BALANCETTE Caldwell Mfg Co 64 Commercial St Rochester 14 NY
 NECETA Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
 NEOGAT Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa
 NEOPRIME Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa
 NEOSOTE Protexol Corp 162 Market St Kenilworth NJ
 NEPTUNE Flat Metal Mfg Co 9301 W Belmont Ave Franklin Park Ill
 NEPTUNE Washington Stove Works 3402-22 Smith St Everett Wash
 NERVA KOTE Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
 NERVA-PLAST Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
 NERVASTRAL J F Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
 NERVASTRAL SEAL-PRUF Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
 NEUTONE Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
 NEVA-BREAK Plumbers Woodwork Co Box 157 Algona Wis
 NEVER-STAIN Nichols Wire & Aluminum Co 1725 Rockingham Rd Davenport Iowa
 NEW BEDFORD New Bedford Cordage Co 131 Court St New Bedford Mass
 NEW ERA Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich
 NEW MODE Saponin Paints Inc 229 E 42nd St New York 17 NY
 NEW STANDARD Extension Drawer Support Co 2319 W Washington Los Angeles 18 Calif
 NEWLITE Cheeseman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
 NIAGARA Forest City Foundries Inc 2500 W 27th St Cleveland Ohio
 NIAGARA Furnace Div Forest City Foundries Co 2500 W 27th St Cleveland 13 Ohio
 NICHOLS Nichols Metal Strip Service 2108 Gilbert Cincinnati 6 Ohio
 NI-CLAD Lufkin Rule Co 1730 Hess Ave Saginaw Mich
 NINE LIFE Cleveland Cleaner & Paste Co 2725 Neville Ave SW Cleveland 2 Ohio
 NINETY Glen-Gery Shale Brick Corp Box 182 Womissing Pa
 NITE-GLO-DAY-GLO Active Display Advertising 1702 W 19th St Chicago 8 Ill
 NO DRIP Mortell (J W) Co 550 N Hobbie Ave Kankakee Ill
 NO-FLAME Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill
 NO-SAG Farley & Loetscher Mfg Co Duquesne Iowa
 NOISEMASTER Simpson Logging Co White Bldg Seattle 1 Wash
 NOMEK Lock-Joint Window Co 817 NW 61st Oklahoma City 6 Okla
 NON CON DUX Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill
 NORGE HEAT Norge Heat Div Borg-Warner Corp 760 E Vine St Kalamazoo Mich
 NORK General Hardware Mfg Co Inc 80 White St New York 13 NY
 NORMAN SOUTHERNER Norman Prods Co 1150 Chesapeake Columbus 12 Ohio
 NORMAN THREE-SIXTY Norman Prods Co 1150 Chesapeake Columbus 12 Ohio
 NORMAN TWINFUEL Norman Prods Co 1150 Chesapeake Columbus 12 Ohio
 NORRIS-THERMADOR Thermador Electrical Mfg Co 5215 Boyle Vernon Calif
 NORTHWEST Northwest Engineering Co 155 LaSalle St Chicago 3 Ill
 NORTON Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY
 NORWESCO Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash
 NO SHOK Bell Electric Co 1844 W 21st St Chicago 8 Ill
 NO-SHRINK Reliable Paste & Chemical Co 3515 S Shields Ave Chicago 9 Ill
 NOURSE FLEKO FLINT Nourse Oil Co Clinton & Frisco Kansas City 8 Mo
 NOURSE FORM OIL Nourse Oil Co Clinton & Frisco Kansas City 8 Mo
 NOVA Nova Sales Co Trenton 3 NJ
 NOVACRETE Nova Sales Co Trenton 3 NJ
 NOVAFILL Nova Sales Co Trenton 3 NJ
 NOVAFOLD Nova Sales Co Trenton 3 NJ
 NOVALASTIC Nova Sales Co Trenton 3 NJ
 NOVAMIX Nova Sales Co Trenton 3 NJ

NOVAPRIME Nova Sales Co Trenton 3 NJ
 NOVOPLY United States Plywood Corp 55 W 44th St New York 36 NY
 NOX-EM-ALL Barrett Div Allied Chemical & Dye 40 Rector St New York 6 NY
 NU-AIR Meier Electric & Machine Co Inc 3525 E Washington Indianapolis Ind
 NUBLO US Mineral Wool Co Stanhope NJ
 NU-HUE Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
 NUKEMITE Nukem Prods Corp 111 Colgate Ave Buffalo 20 NY
 NU-PREST HARDBOARD Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 NU-RAIL Hollaender Mfg Co 3819 Spring Grove Cincinnati 23 Ohio
 NU SURFAS Nu Surfacs Corp 7312 Bennett Ave Chicago 49 Ill
 NUPRIMEX Chlorox Prods Inc 239 Java Brooklyn 22 NY
 NUTTING Nutting Truck & Canter Co Inc 1625 W Division St Faribault Minn
 NU-WALL Nu-Wall Mfg Co 3100 W State St Milwaukee 8 Wis
 NU-WOOD Wood Conversion Co 1st National Bank Bldg St Paul 1 Minn
 NYE-UNIVERSAL PATTERN WHEELS Colmer Bros 420 S St Joseph St South Bend 1 Ind

O

O-E Arro Expansion Bolt Co 1430 N Boone Ave Marion Ohio
 OTC Owatonna Tool Co 341 Cedar St Owatonna Minn
 OAKES Oakes Mfg Co Inc 516 Dearborn St Tipton Ind
 OASIS WATER COOLER Ebec Mfg Co 235 E Hamilton Rd Columbus 13 Ohio
 ODIN Odin Stove Mfg Co 342 W 12th Erie Pa
 ODOROUT Westinghouse Electric Corp Lamp Div Bloomfield NJ
 OHIO AUTOCLAVED Ohio Lime Co Woodville Ohio
 OHIO EVER-READY Ohio Lime Co Woodville Ohio
 OHIO SANLIME Ohio Lime Co Woodville Ohio
 OHIO WHITE Ohio Lime Co Woodville Ohio
 OIL-A-FIRE Automatic Firing Corp 4417 Oleatha Ave St Louis 16 Mo
 OIL-FLO Coal-O-Matic Stoker Co Main St Trucksville Pa
 OIL FLO-WARM Williamson Heater Co 3500 Madison Rd Cincinnati 9 Ohio
 OIL TONE Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 OILSAVER Williamson Heater Co 3500 Madison Rd Cincinnati 9 Ohio
 OILSAVER FLO-WARM Williamson Heater Co 3500 Madison Rd Cincinnati 9 Ohio
 OILY WASTE CANS Diener Mfg Co 400 N Monticello Chicago 24 Ill
 OLD ENGLISH Boyle-Midway Inc 22 E 40th St New York 16 NY
 OLD GRAND DAD Dad & Lad Co New Lenox Ill
 OLD TRUSTY Wooster Brush Co 600 Madison Ave Wooster Ohio
 OLD VIRGINIA WHITE Cabot (Samuel) Inc 141 Milk St Boston 9 Mass
 OLEY Hasco Industries Inc Railway Ave E Northport LI NY
 OLSON LINE Olson Mfg Co 620-24 S Broadway Albert Lea Minn
 OLYMPIA General Metalcraft Inc PO Box 57 Olympia Wash
 OLYMPIC Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
 OLYMPIC Washington Stove Works 3402-22 Smith St Everett Wash
 OLYMPIC PERFECT-FIT Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
 OLYMPIC SIERRA Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
 OLYMPIC TEXTERIOR Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
 OLYMPIC TIMBERLINE Olympic Stained Prods Co 1118 Leary Way Seattle 7 Wash
 OMEGA Tilley (John S) Ladders Co Inc 112 Second St Watervliet NY
 ON-A-DOOR Hooker Glass & Paint Mfg Co 650 W Washington Chicago 6 Ill
 ONE-DER One-Der Frame Corp 1232 N 37th Pl Birmingham 3 Ala
 ONEIDA Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio
 ONE MINUTE One Minute Washer Co Kellogg Iowa
 OPAL New York Wire Cloth Co Sixth Ave New York Pa
 ORANGE Orange Div Eagle Picher Co American Bldg Cincinnati Ohio
 ORANGE Virginia Metal Prods Inc Dept A-44 Orange Va
 ORANGEBURG Orangeburg Mfg Co Inc Orangeburg NY
 ORIENTAL United States Gypsum Co 300 W Adams St Chicago 6 Ill
 ORTHODICHLOROBENZENE Solvay Process Div Allied Chemical & Dye Corp 61 Broadway New York 6 NY
 ORTHO-GRO California Spray-Chemical Corp Lucas & Ortho Way Richmond Calif
 ORTHOCIDE California Spray-Chemical Corp Lucas & Ortho Way Richmond Calif
 ORBORN Osborn Mfg Co 5401 Hamilton Ave Cleveland 14 Ohio

OSBORNE JAMB TYPE Arrowsmith Tool & Die Co 9700 Bellanca Ave Los Angeles 45 Calif
 OSBORNE LIFT-LITE Arrowsmith Tool & Die Co 9700 Bellanca Ave Los Angeles 45 Calif
 OSMOPLASTIC Osmose Wood Preserving Co of America Inc 980 Elliott St Buffalo 9 NY
 OSMOPLAST Osmose Wood Preserving Co of America Inc 980 Elliott St Buffalo 9 NY
 OSPHO Rusticide Co 3125 Perkins Ave Cleveland 14 Ohio
 OSWEGO Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio
 OVERDOORS Barber-Colman Co 120 Mill St Rockford Ill
 OVERHEAD DOOR Overhead Door Corp PRR & Kickapoo St Hartford City Ind
 OWENS-ILLINOIS GLASS BLOCK Owens-Illinois Glass Co PO Box 1035 Toledo 1 Ohio
 OWENS-ILLINOIS PANEL-VENT Owens-Illinois Glass Co PO Box 1035 Toledo 1 Ohio
 OWENS-ILLINOIS PLYWOOD Owens-Illinois Glass Co PO Box 1035 Toledo 1 Ohio
 OWENS-ILLINOIS TOPLITE Owens-Illinois Glass Co PO Box 1035 Toledo 1 Ohio
 OXALUMA Cortland Grinding Wheels Corp 1 Huntington St Chester Mass
 OXWALL Ox-Wall Tool Co 928 Broadway New York 10 NY
 OZARK Ozark Oak Flooring Co Bismark Mo P-F SLIDER Schulte's Level Inc 17403 Gable Ave Detroit 12 Mich
 P B Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill
 P-K Parker-Kalon Corp 200 Varick St New York 14 NY
 P-M Sterling Abrasives Div Cleveland Quarries Co 1430 Broad St Tiffin 15 Ohio
 P-M LINE Wethrill (George D) & Co Inc 13 Arch St Philadelphia 6 Pa
 PVA SPEED SEALER Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 PAASCHE Paasche Airbrush Co 1900 W Diversey Pkwy Chicago 14 Ill
 FACEMAKER McQuay Inc 1600 Broadway NE Minneapolis Minn
 PACIFIC Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio
 PACIFIC Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif
 PACIFIC United States Radiator Corp Buhi Bldg Detroit 31 Mich
 PACKY Kneuel & Co 169 W Kellogg St Paul 2 Minn
 PAGE Page Steel & Wire Div American Chain & Cable Co First & River Sts Monessen Pa
 PAINTER Meinhardt (J A) & Co 30 W Kinzie Chicago Ill
 PAINTERS PRIDE Wooster Brush Co 600 Madison Ave Wooster Ohio

P

PAINTGUN Root-Lowell Corp 445 N Lake Shore Dr Chicago Ill
 PALLADIUM Williams Prods Co Inc 6127 Cove Ave Philadelphia 43 Pa
 PALMAIRE Palmer Mfg Co 2200 W Fillmore Phoenix Ariz
 PAL-O-PAK Pal-O-Pak Insulation Co Inc Hartland Wis
 PANACALITE Panacalite Div Combined Metals Reduction Co 202 Felt Bldg Salt Lake City Utah
 PANACALITE PERLITE Panacalite Perlite Inc 311 S 5th St Kansas City Kan
 PANAMOID Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 PANAVIEW Glide Windows Inc 7463 Varua Ave N Hollywood Calif
 PANCAKE Wiremold Co Hartford 10 Conn
 PANEL-BILT Marietta Concrete Corp 1949 Register Ave Marietta Ohio
 PANELSTONE Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 PANELSTONE Old American Roofing Mills Div Ruberoid Co 500 5th Ave New York 36 NY
 PANELSTONE Ruberoid Co 500 5th Ave New York 36 NY
 PANPAC TILE Insulite Div Minnesota & Ontario Paper Co 500 Baker Arcade Minneapolis 2 Minn
 PANELUX Wilson Plastics Inc 1531 Milan Rd Sandusky Ohio
 PANELYTE St Regis Sales Corp Panelyte Div 230 Park Ave New York 17 NY
 PAPEK Paper Machine Co 30 West Main St Shortsville NY
 PAPOOSE Capewell Mfg Co 60 Governor St Hartford 2 Conn
 PAR KAY Parkway Inc 5000 Crittenden Dr Louisville 9 Ky
 PAR PLUS Metal Prods Corp 510 First Ave West Haven Conn
 PARADICHLOROBENZENE Solvay Process Div Allied Chemical & Dye Corp 61 Broadway New York 6 NY
 PARAFLO Dravo Corp Dravo Bldg Pittsburgh 22 Pa
 PARAGON Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 PARAGON Paragon Electric Co 1606-12th St Lucas & Ortho Way Richmond Calif
 PARALINE Calmer Mfg Co 630 N Prince St Lancaster 12 Pa

PARALINE UNIVERSAL DRAFTING INSTRUMENT Leads Industries PO Box 442 Berkeley 1 Calif

PARA-PLASTIC Serviced Prods Corp 6651 W 66th St Chicago 38 Ill

PARCO Parker-Rust Proof Co 2177 E Milwaukee Detroit 11 Mich

PARKER Parker (Charles) Co 60 Hanover St Meriden Conn

PARKER Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY

PARKER Parker Mfg Co 149 Washington St Worcester Mass

PARKER-KALON Parker-Kalon Corp 290 Varick St New York 14 NY

PARKWOOD DECORATIVE Parkwood Corp 24 Water St Wakefield Mass

PARLELE Walworth Co 60 E 42nd St New York 17 NY

PAROID Bird & Son Inc 47 Wilson St East Walpole Mass

PARQUET Robbins Flooring Co Reed City Mich

PARRALL PLASTIC Robinson Clay Prods Co 65 W State St Akron 9 Ohio

PASTURE-COMFORT Hudson (H D) Mfg Co 478-91 E Illinois Chicago 11 Ill

PATRICIAN Tilley (John B) Ladders Co Inc 112 Second St Watervliet NY

PAVIBREAL Pavinooleum Inc 1239 St Nicholas New York 32 NY

PAYLOADER The Hough (Frank G) Co 811 Sunnyside Ave Libertyville Ill

PAYLOADER International Harvester Co 180 N Michigan Ave Chicago 1 Ill

PAYSWELL SPRAY GUN MODEL J Sellen Corp 157 W Kellogg St Paul 2 Minn

PEARL Gilbert & Bennett Mfg Co 600 Miller Ave Georgetown Conn

PEARLITE Lustro Tile Mfg Co 1066 Home Ave Akron 10 Ohio

PEASE HOMES Pease Woodworking Co 900 Forest Ave Hamilton Ohio

PEBBLEX Blue Ridge Glass Corp Kingsport Tenn

PEBBLEX Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio

PEE GEE Astrup Co 2937 W 25th St Cleveland 13 Ohio

PEE GEE Devoe & Reynolds Co Inc 787 First Ave New York 17 NY

PEE GEE Peelen-Ganbert Paint & Varnish Co 223 N 15th St Louisville Ky

PEEP SPOT Neo-Ray Prods Inc 313-23 E 32nd St New York 10 NY

PEERLESS Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich

PEERLESS Peerless Level & Tool Co 104 Third Ave Sterling Ill

PEERLESS BRAND Peerless Mfg Co Inc 2100 N 11th St Reading Pa

PEERLESS DIKE Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich

PEG-BOARD Butler (B B) Mfg Inc 3160 Randolph Bellwood Ill

PEG-BOARD Masonite Corp 111 W Washington Chicago 2 Ill

PELHAM Silver Lake Co 470 Atlantic Ave Boston 10 Mass

PELICAN Buck Equipment Corp 204 Butler Street Cincinnati 2 Ohio

PELLA Kolsoren Co Pella Iowa

PEMCO Philadelphia Electrical Mfg Co 1200 N 31st St Philadelphia 21 Pa

PENCLOR Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa

PENCHROME O'Brien Corp 101 N Johnson St South Bend 21 Ind

PENETREM Tremco Mfg Co 8701 Kinaman Rd Cleveland Ohio

PENGLASS Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa

PENN CRETE Penn Crete Prods Co 20th & Lippincott St Philadelphia 32 Pa

PENNANT Root-Lowell Corp 445 N Lake Shore Dr Chicago Ill

PENNAINT Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa

PENNSALT Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa

PENNVERNON Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa

PENNWOVEN Pennwoven Inc 70 E 46th St New York 17 NY

PENPLY Penply Plywood Corp Marine Dr Port Angeles Wash

PEN-SHEEN O'Brien Corp 101 N Johnson St South Bend 21 Ind

PENTA STAIN Wood-Treating Chemicals Co 5127 Southwest Ave St Louis 10 Mo

PENTASOTE Protexol Corp 162 Market St Kenilworth NJ

PEN-TEX O'Brien Corp 101 N Johnson St South Bend 21 Ind

PENTOX Gamose Wood Preserving Co of America 980 Elliott St Buffalo 9 NY

PENTRONOL Pioneer Mfg Co 3053 East 87th St Cleveland 4 Ohio

PEQUOD Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio

PER-FIT Schulte's Level Inc 17408 Gable Ave Detroit 12 Mich

PER-FIT SLIDER Per-fit Prods Corp 1200 East 52nd St Indianapolis 8 Ind

PERF-A-TAPE United States Gypsum Co 300 W Adams St Chicago 6 Ill

PERFEC-SEAL Reese Metal Weatherstrip Co 712 Park Ave Minneapolis Minn

PERFECTION Arkansas Oak Flooring Co 2200 W Fifth Ave Pine Bluff Ark

PERFECTION Diener Mfg Co 400 N Monticello Chicago 24 Ill

PERFECTION Luffkin Rule Co 1730 Hess Ave Saginaw Mich

PERFECTION Riverton Lime & Stone Co Inc Riverton Va

PERFECTION True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio

PERFECTO Meta Prods Co Wolfe & Jackson Fredericksburg Va

PERFOLATH Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa

PERF-O-MATIC Crofoot Mfg Co 217 Evergreen Mount Prospect Ill

PERFORALL Woodall Industries Inc 3500 Oakton Ave Skokie Ill

PERMA-A-BASE Berger Corp Belle Vernon Pa

PERMAG Western Mineral Prods Co 1720 Madison NE Minneapolis Minn

PERL-CRETE Western Mineral Prods Co 1720 Madison NE Minneapolis Minn

PERL-FLOTE Western Mineral Prods Co 1720 Madison NE Minneapolis Minn

PERL-TROWL Western Mineral Prods Co 1720 Madison NE Minneapolis Minn

PERLITE Perlite Mfg Co PO Box 478 Carnegie Pa

PERM-ALIGN Cummins Portable Tools 5055 N Lydell Ave Milwaukee 17 Wis

PERMA-BILT Vulcan Metal Prods 2801 6th Ave S Birmingham Ala

PERMA-GARD Gilbert & Bennett Mfg Co 600 Miller Ave Georgetown Conn

PERMA GLAZE Biddle Co 608-624 S Main St Louis 2 Mo

PERMA GLAZE Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa

PERMAGLOW Reflecto Letters Co 411 E 101st St New York 29 NY

PERMA-JACK Perma-Jack Corp 1113 E 200th St Cleveland 17 Ohio

PERMA-LOK Logan-Long Co 6600 S Central Ave Chicago 38 Ill

PERMA-NETTING Gilbert & Bennett Mfg Co 600 Miller Ave Georgetown Conn

PERMA SEAL Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa

PERMA-STONE Perma-Stone Co 719 E Hudson St Columbus 11 Ohio

PERMA-VENEER Standard Industrial Prods Co 1500 Park St Evansville 4 Ind

PERMA-WALL Logan-Long Co 6600 S Central Ave Chicago 38 Ill

PERMACOUSTIC Johns-Manville Corp 22 East 40th St New York 16 NY

PERMAGLAS Smith (A O) Corp Permaglas Div PO Box 28 Kankakee Ill

PERMAGLOSS Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 Ill

PERMALITE Perlite Mfg Co PO Box 478 Carnegie Pa

PERMALITE Virginia Perlite Corp PO Box 687 Hopewell Va

PERMATAB Logan-Long Co 6600 S Central Ave Chicago 38 Ill

PERMATITE Durkee-Atwood Co 217 N E 7th St Minneapolis 13 Minn

PERMATITE General Bronze Corp Stewart Ave Garden City LI NY

PERMERAL Rock-Tred Corp 7440 N St Louis Skokie Ill

PERMITE Aluminum Industries Inc 2435 Beekman St Cincinnati 25 Ohio

PERMO Flat Metal Mfg Co 9301 W Belmont Ave Franklin Park Ill

PERMODIP King (E & F) & Co Inc 640 Pleasant St Norwood Mass

PERMUTIT ELECTRO-MATIC Permutit Co 330 W 42nd St New York 36 NY

PERSIANS Watsontown Brick Co Watsontown Pa

PETALUMA Petaluma Electric Incubator Co 416 E "D" St Petaluma Calif

PETCO Pettersen (J C) Corp 2227 N Chico Ave El Monte Calif

PETER PUTTERS Schalk Chemical Co 351 E 2nd St Los Angeles 12 Calif

PETTIBONE Pettibone Mulliken Corp 4700 W Division Chicago 51 Ill

PHANTOM SYSTEM National System of Garage Ventilation Inc 138 W William Decatur Ill

PHILCO Philco Corp Tigns & "C" Sts Philadelphia 31 Pa

PHOENIX Sanson Cordage Works 470 Atlantic Ave Boston 10 Mass

PIC Dart Union Co 134 Thurbers Ave Providence 5 RI

PIGMY Capewell Mfg Co 60 Governor St Hartford 2 Conn

PILOT Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio

PILOT Flat Metal Mfg Co 9301 W Belmont Ave Franklin Park Ill

PILOT Johns-Manville Corp 22 E 40th St New York 16 NY

PINCOR Pioneer Gen-E-Motor Corp 5841 W Dickens Chicago 39 Ill

PINE CRAFT White Pine Sash Co 4005 E Broadway Spokane Wash

PIONEER Puritan Cordage Mills Inc 1205 Washington St Louisville 6 Ky

PIONEER FLINTKOTE Coast Insulating Prods 2316 San Fernando Los Angeles 65 Calif

PIONITE Pioneer Plastics Corp 28 Goodhue St Salem Mass

PIPE-SEAL Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa

PIPETITE-STIK Lake Chemical Co 3052 W Carroll Chicago 12 Ill

PITTSBURGH Automatic Gas Equipment Co 301 Brushton Ave Pittsburgh 21 Pa

PITTSBURGH Pittsburgh Incinerator Co 130 Beam Way Pittsburgh 11 Pa

PITTSBURGH Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa

PITTSBURGH INTERLOCK Jones & Brown Inc 439 Sixth Ave Pittsburgh 19 Pa

PITTSBURGH INTERLOCK Pittsburgh Plastic Products Inc 131 S Taylor St South Bend 24 Ind

PLACE HOMES Place Homes Inc 1212 S Walnut St South Bend Ind

PLANET Johna-Mansville Corp 22 East 40th St New York 18 NY

PLANKWELD United States Plywood Corp 55 W 44th St New York 36 NY

PLANMASTER Staecor Equipment Co 768 E New York Ave Brooklyn 3 NY

PLANTGARD BUG DUSTER Arkem Inc Div Kalo Co 506 Maine St Quincy Ill

PLASTEL Plasted Prods Corp 15 MacAdam Ave Washington Pa

PLASTERLITE Perlite Mfg Co PO Box 478 Carnegie Pa

PLASTER PATCH United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa

PLASTIC ROCK United Laboratories Inc 16801 Euclid Ave Cleveland 12 Ohio

PLASTIC WOOD Boyle-Midway Inc 22 E 40th St New York 18 NY

PLASTIC Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY

PLASTIGLASS Flex-O-Glass Inc 1100 N Cicero Ave Chicago 51 Ill

PLASTI-GLAZE Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich

PLASTIKOTE Chicago Bronze & Color Works 123 W Grand Ave Chicago 12 Ill

PLASTIMET Sika Chemical Corp 35 Gregory Ave Passaic NJ

PLASTISHADE Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio

PLASTOID Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich

PLASWOOD Southern Plasterwood Corp PO Box 123 Hope Ark

PLATON Minnesota Platon Corp Platon Bldg Pipestone Minn

PLIKOTE SEALER Kleen-Kote Co 601 W 80th St Chicago 20 Ill

PLUG-IN STRIP National Electric Prods Corp 2 Gateway Center Pittsburgh 22 Pa

PLUGMOLD Wiremold Co Hartford 10 Conn

PLUMB LINE Eberhard-Faber Pencil Co 37 Greenpoint Ave Brooklyn 22 NY

PLURALITE Mississippi Glass Co 88 Angelica St St Louis 7 Mo

PLYCO Plyco Corp Elkhart Lake Wis

PLYMOLITE Plymold Co 2707 Tulare Ave Burbank Calif

PLYMOUTH Gerber Plumbing Fixtures 232 N Clark St Chicago 1 Ill

POINTEX Blue Ridge Glass Corp Kingsport Tenn

POINTEX Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio

POLAR WHITE Linseed Oil Prods Co 1107 S Fremont Ave Alhambra Calif

POLISHED MISCO Mississippi Glass Co 88 Angelica St St Louis 7 Mo

POLLARD PATTERN WHEELS Collmer Bros 420 E St Joseph St South Bend 1 Ind

POLONAISE Paxton Brick Co Lock Box 154 Watsonown Pa

PONTIAC Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio

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POREX Porete Mfg Co Porete Ave N Arlington NJ

PORTER SPRING WINDER Advance Car Mover Inc 112 N Outagamie St Appleton Wis

POSTMASTER Master Addresser Co 6500 W Lake St Minneapolis Minn

POWER HELPER Metzgar Conveyor Co 413 Douglas NW Grand Rapids Mich

POWERAIR FURNACES Jackson & Church Co 321 N Hamilton St Saginaw Mich

POWERLINE Chelsea Fan & Blower Co Inc 639 S Avenue Plainfield NJ

POWER-TWIN Owatonna Tool Co 341 Cedar St Owatonna Minn

POWR-BLADE Hudson (H D) Mfg Co 587-91 Illinois Chicago 11 Ill

POWERMATIC Kresno-Stamm Mfg Corp 115 W Palisades Blvd Palisades Pk NJ

PRAIRIE CHIEF Chicago Paints Inc 4500 W 14th Chicago 23 Ill

PRATT & LAMBERT Pratt & Lambert Inc 76 Tonawanda St Buffalo 7 NY

PRECIPITRON Westinghouse Electric Co Sturtevant Div 37 Readville St Boston 36 Mass

PRECISION-CONTOUR Amerco Plastics 177 Broadway New York 7 NY

PRECISION FOLDING STAIRWAY Precision Parts Corp 400 N First St Nashville 7 Tenn

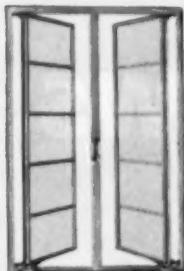
PREMIER Mackin Venetian Blind Co 300 W 6th St Mombence Ill

Fenestra STEEL WINDOWS FOR THE HOME

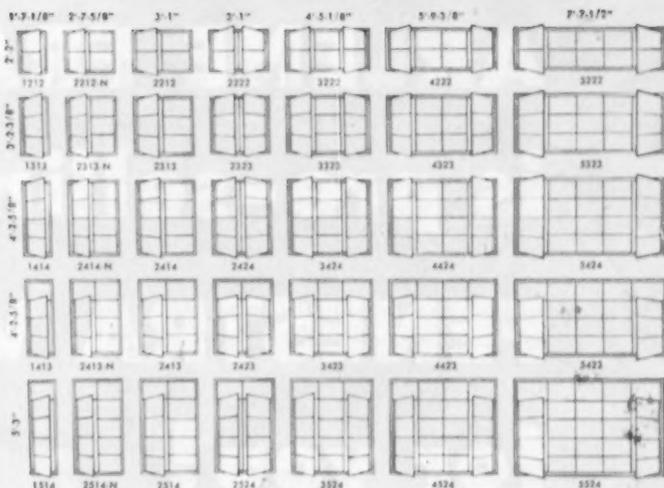
Fenestra® Windows are stronger, because they're made of solid steel. More durable, because of Fenestra's exclusive protective coatings. More attractive and functional because they're designed and made by the craftsmen of America's oldest and largest manufacturer of steel windows!

CASEMENT WINDOWS

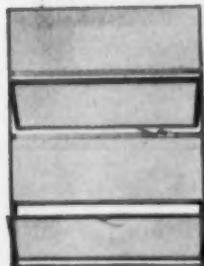
These beautifully styled windows harmonize with almost any type of architecture. Inside screens and storm sash. Bonderized finish with factory-applied coat of prime paint. Hot-Dip Galvanized and Bonderized finish also available to eliminate field painting permanently. Easy opening vents. Better ventilation, double-contact weathering. Available completely trimmed inside and outside. Can be washed from inside.



CASEMENT WINDOW TYPES AND SIZES

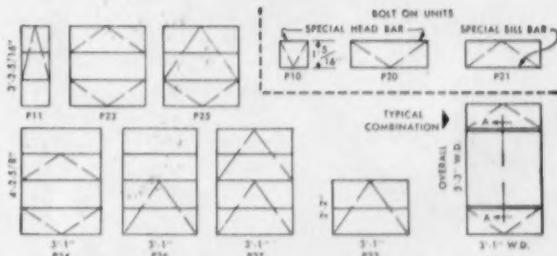


RESIDENTIAL PROJECTED (AWNING) WINDOWS

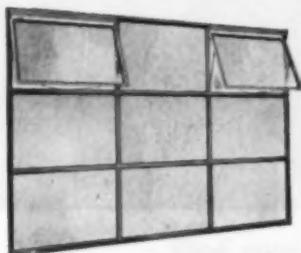


Here you have the beauty of slender, horizontal lines plus the convenience of awning-type, rain-shedding ventilators. Easy to operate. Easy to clean from inside. Double-contact weathering. Metal screens. Furnished complete with outside-inside metal trim, if desired. Same protective coatings as Fenestra Casement Windows.

PROJECTED (AWNING) TYPES AND SIZES

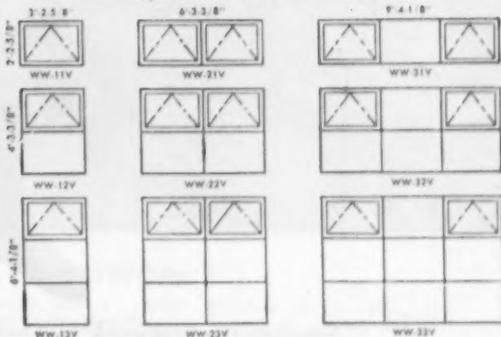


WINDOWALL (PICTURE) WINDOWS



Maximum view and daylighting with draft-free ventilation! Steel frames, ventilators and muntin bars—slender and a full 1 1/4" deep—provide the extra strength required. Can be glazed with stock cuts of plate, double-strength or 1/2" insulating glass. Inside metal screens available. Same protective coatings as Fenestra Casement and Projected Windows.

WINDOWALL UNITS TYPES AND SIZES



BASEMENT AND UTILITY WINDOWS

Fenestra Basement and Utility Windows are available as complete package units, consisting of Window, Screen and Storm Panel Insert. Delivered completely assembled, with hardware attached, no loose parts.



Basement

Particularly designed for concrete block construction, but can be used in all other construction. Famous Fenestra quality throughout.



Utility

Use this handy coupon to write for your free copy of our new 28-page booklet "How to Select Windows for the Home".



Detroit Steel Products Co.
Dept. AB-4, 2260 E. Grand Blvd., Detroit 11, Michigan.
Please send me your free booklet, "How to Select Windows for the Home".

NAME _____
ADDRESS _____
CITY _____ ZONE _____ STATE _____

Fenestra RESIDENTIAL STEEL WINDOWS
Windows • Hardware • Casings • Screens • Storms

Now TV Star
ARLENE FRANCIS
is pre-selling
FENESTRA WINDOWS
for you!



Starting the first week in April, charming Arlene Francis will be selling homeowners on the joys of living behind Fenestra Residential Windows.

See and hear her on "Home"—the popular, nationwide network television show—from 11 to 12 Noon, EST, Mondays through Fridays.*

She's talking direct to your own prospects—find the TV station covering your area in the list on the opposite page.

*11 to 12 Noon, on Pacific Coast, too, by kinescope.

These TV-featured FENESTRA STEEL WINDOWS make your homes easier to sell!



Now there's extra reason to use Fenestra* Steel Windows. Home buyer acceptance for these popular windows will grow and grow in the months ahead. For week after week, your prospects will see and hear Arlene Francis demonstrate the advantages of Fenestra Steel Windows on TV.

So here's your opportunity to extend your reputation as a builder of modern, quality homes, by putting Fenestra "sell" in every window. Put the Fenestra name to work for you, to increase

your sales and profits. Remember—Fenestra is the only name backed by a network TV advertising campaign devoted exclusively to residential windows!

For full details, contact your local Fenestra representative, listed in the yellow pages of your phone directory. Or write, wire or call America's oldest and largest steel window manufacturer, Detroit Steel Products Co., Dept. AB-4, 2260 East Grand Blvd., Detroit 11, Michigan. ®

THESE FEATURES WILL BE DEMONSTRATED ON TV!

Double Distinction—window beauty added inside and outside the house.

Easy Operation—with finger tips... even over a kitchen sink... even when wet or when fresh-painted.

More Daylight—slender steel frames hold larger glass lights.

Better Ventilation—with air-deflector ventilators.

Safe, Easy Cleaning—both sides of window from inside the room.

Weather-tight—precision fitted... no warping or splintering.

Screens and Storms—world's best... quickly, safely attached.

Ready-Trimmed—available for quick, moneysaving installation.

Strength—built of steel, the strongest window material.

Durability—rustproofed by Fenestra Super Hot-Dip Galvanizing, plus Bonderizing, to outlast the building.

Fenestra RESIDENTIAL STEEL WINDOWS

WINDOWS • HARDWARE • CASINGS • SCREENS • STORM SASH



CASEMENTS—Add beauty to the home, inside and out, with slender graceful frames and muntins, and fine hardware appointments.



WINDOWALL—These modern picture windows capture the view—may be glazed with plate, double-strength, or 1/2" insulating glass.



AWNING WINDOWS—They offer the beauty of slender, horizontal lines. Left open when it rains, their ventilators shed water outside.

Find your city on the big "FENESTRA TV NETWORK"!

Amarillo, Tex. . . . KGNC-TV
Atlanta, Ga. . . . WSB-TV
Augusta, Ga. . . . WJBF-TV
Bakersfield, Calif., KERO-TV
Baltimore, Md. . . . WBAL-TV
Birmingham, Ala. . . . WABT
Bloomington, Ind. . . . WTTV
Boston, Mass. . . . WBZ-TV
Buffalo, N.Y. . . . WGR-TV
Chattanooga, Tenn. . . . WDEF-TV
Chicago, Ill. . . . WNBC
Cincinnati, Ohio . . . WLW-TV
Cleveland, Ohio . . . WBNK
Columbia, S.C. . . . WIS-TV
Columbus, Ga. . . . WDAK-TV
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Davenport, Iowa . . . WOC-TV
Dayton, Ohio . . . WLW-TV
Denver, Colo. . . . KOA-TV

Des Moines, Iowa . . . WHO-TV
Detroit, Mich. . . . WWJ-TV
Duluth, Minn. . . . KDAL-TV
Durham, N. C. . . . WTVD
Erie, Pa. . . . WICU
Evansville, Ind. . . . WFIE-TV
Fort Wayne, Ind. . . . WKJG-TV
Fort Worth, Texas . . . WBAF-TV
Grand Rapids, Mich. . . . WOOD-TV
Greenville, S. C. . . . WFBC-TV
Houston, Texas . . . KPRC-TV
Huntington, W. Va. . . . WSAZ-TV
Jackson, Miss. . . . WLBT
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Kansas City, Mo. . . . WDAF-TV
Knoxville, Tenn. . . . WATE-TV
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Los Angeles, Calif. . . . KRCA
Louisville, Ky. . . . WAVE-TV

Lubbock, Texas . . . KCBD-TV
Macon, Ga. . . . WNEK-TV
Marquette-Green Bay, Wis. . . . WMBV-TV
Memphis, Tenn. . . . WMCT
Miami, Fla. . . . WGBS-TV
Milwaukee, Wis. . . . WTMJ-TV
Monroe, La. . . . KNOE-TV
Muncie, Ind. . . . WLBC-TV
Nashville, Tenn. . . . WSM-TV
New Orleans, La. . . . WDSU-TV
New York, N.Y. . . . WRCA-TV
Norfolk, Va. . . . WVEC-TV
Oklahoma City, Okla. . . . WKY-TV
Omaha, Neb. . . . WOW-TV
Peoria, Ill. . . . WEEK-TV
Philadelphia, Pa. . . . WPTZ
Pittsburg, Kan.-Joplin, Mo. . . . KOAM-TV
Portland, Maine . . . WCSH-TV

Portland, Ore. . . . KPVT
Kingston, Poughkeepsie, N.Y. . . . WKNY
Providence, R. I. . . . WJAR-TV
Quincy, Ill. . . . WGEM-TV
Richmond, Va. . . . WHAM-TV
Roanoke, Va. . . . WSLI-TV
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Springfield, Mass. . . . WWLP-TV

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St. Louis, Mo. . . . KSD-TV
St. Paul-Minneapolis, Minn. . . . KSTP-TV
Syracuse, N.Y. . . . WSYR-TV
Tempe-Waco, Tex. . . . KCEH-TV
Tulsa, Okla. . . . KVOO-TV
Utica, N.Y. . . . WKTV
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YOU CAN INSTALL THESE DOORS IN MINUTES!

These Fenestra® 1½" Flush Metal Interior Doors come to your job complete with pre-fitted door, frame and hardware specifically made for each other. The time-consuming jobs of planning, ordering and assembling special elements are eliminated. No cutting, no fitting, no mortising or tapping, no prime-painting is needed. So it's easy to see why there's such a tremendous saving in time.

But you save more than *time!* Fenestra Door Units cost you fewer *dollars* because you get production-line economy—not custom-job costs. They are mass produced on special jigs that avoid expensive time and labor. And because

they're delivered to you as a "complete package", your installation costs are cut sharply.

In addition to these savings in time and money, you'll be building a group of satisfied customers. For these attractive steel doors can't warp or swell, stick or rot. They always open easily, smoothly. They close quietly because inside surfaces are covered with sound-deadening material.

Get the complete story on these "package units" by calling your Fenestra Representative. Or write the Detroit Steel Products Company, Dept. AB-4, 2260 East Grand Blvd., Detroit 11, Michigan. *o/g*



Add actual floor space to your rooms with these Fenestra Metal Sliding Closet Doors. They run smoothly, effortlessly on their Nylon rollers to give quick, convenient access to closet space. Available in a beautiful birch finish or primed for final painting to match room decor. Completely packaged—installed in minutes with an ordinary screwdriver.

Fenestra

INTERIOR

DOOR • FRAME • HARDWARE UNITS

Architectural, Residential and Industrial Windows

• Metal Building Panels • Electrifloor® • Roof Deck •

• Hollow Metal Swing and Slide Doors •

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PREMIER Premier Furnace Co Box 1650 Dowagiac Mich
PREMOULDED MEMBRANE Meadows (W R) Inc 2 Kumball Elgin Ill
PRESERVATEX Kedmont Mfg Co 330 S Dearborn Chicago 4 Ill
PREST-O-LLOYD Garrison Wagner Co 2018 Washington Ave St Louis 3 Mo
PRESTO LOGS New Mexico Timber Co PO Box 988 Albuquerque NM
PRESSWELD Colson Corp Elyria Ohio
PRESTELINE Stevens (Geo T) & Associates 612 N Michigan Ave Chicago 11 Ill
PRESTO-SET United States Plywood Corp 55 W 44th St New York 36 NY
PREWAY Preway Inc 1430 Second St N Wisconsin Rapids Wis
PRIDE Johnson (S C) & Co Inc 1525 Howe St Racine Wis
PRIMA Automatic Washer Co Newton Iowa
PRIMER-SEALER American Sta-Dri Co 4019 38th St Brentwood Md
PRINCESS Curtis Lighting Inc 6135 W 65th St Chicago 38 Ill
PRIVATE LINE Connecticut Telephone & Electric Co 70 Britannia St Meriden Conn
PROCELINOR Ingram-Richardson Mfg Co 32nd St Beaver Falls Pa
PROCESS 33 Coughlan (G N) Co 29 Spring St West Orange NJ
PROFI-MATIC Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill
PROJECT-O-VENT Superior Window Co 5300 NW 37th Ave Miami Fla
PRONTO Pierce & Stevens Inc 710 Ohio St Buffalo 3 NY
PROPELLAIR Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
PROSLATE Bird & Son Inc 47 Wilson St East Walpole Mass
PROTANE Protane Corp PO Box 1898 Erie Pa
PROTECTOL Frick Fire & Water Proofing Co Poughkeepsie NY
PROTECTUB Protectub Inc 71 Ludlow St New York 2 NY
PROTEKWOOD United States Plywood Corp 55 W 44th St New York 36 NY
PROTEX Autolene Lubricants Co 1331 W Evans Denver 9 Colo
PROTEX Wayne Chemical Prods Co Copeland & MC RR Detroit 17 Mich
PROTEKEM BRUSH CONDITIONER Wisconsin Laboratories Inc Dousman Wis
PROTEXIDE Protexol Corp 162 Market St Kenilworth NJ
PROTEXOL Protexol Corp 162 Market St Kenilworth NJ
PROTO TOOLS Proto Tool Co 2209 Santa Fe Ave Los Angeles 51 Calif
PRY-LITE Pryne & Company Inc 140 N Towne Pomona Calif
PRYMALL Mobile Paint Mfg Co PO Box 1686 Mobile Ala
PRYME-SHAKES FYNAL KOLOR Creo-Dipt Co Inc 986 Oliver St N Tonawanda NY
PRYME-SHAKES Weatherbest Corp 986 Oliver St N Tonawanda NY
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PRYNE TILTING HOODS Pryne & Co Inc 140 N Towne Ave Pomona Calif
PULL E-Z Colson Corp Elyria Ohio
PULPWOOD YARDSTER Taylor Machine Works Louisville Miss
PURDY'S GOOD Purdy Brush Co 6525 N Lombard St Portland 3 Ore
PURE-WITE Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
PURITAN Puritan Cordage Mills Inc 1205 Washington St Louisville 6 Ky
PURLOIL Wooster Finishes Corp Wooster Ohio
PUSH E-Z Colson Corp Elyria Ohio
PUSH-LOK Robinson Clay Prods Co 65 W State St Akron 9 Ohio
PUSHMATIC ELECTRIC-CENTERS Bulldog Electric Prods Co 7610 Joseph Campau Detroit 32 Mich
PUTITE Ever-Plastics Corp 420 Lexington Ave New York 17 NY
PUTTER KUTTER J M J Industries Inc 226 Centerville Ave Belleville Ill
PYLE Pyle-National Co 1334 N Kostner Chicago 51 Ill
PYLETS Pyle-National Co 1334 N Kostner Chicago 51 Ill
PYRAMID Goulds Pumps Inc 75 Fall St Seneca Falls NY
PYRAMID Robinson Clay Prods Co 65 W State St Akron 9 Ohio
PYRESOTE Protector Corp 162 Market St Kenilworth NJ
PYROBAR United States Gypsum Co 390 W Adams St Chicago 6 Ill
PYROFAX Pyrofax Gas Corp 40 E 31st St New York 17 NY

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Q SEAL Quigley Co Inc 527 Fifth Ave New York 17 NY
QUAKER Quaker Mfg Co 1147 Merchandise Mart Chicago Ill
QUAKER Seidlitz Paint & Varnish Co 18th & Garfield Sts Kansas City 10 Mo

QUALITYBILT Farley & Loetscher Mfg Co Dubuque Iowa
QUEEN Toledo Desk & Fixture Co 1020 Ford Rd Maumee Ohio
QUEEN CITY Riehbitt Mfg Co 3277 Spring Grove Cincinnati 25 Ohio
QUICK CUT O'Brien Corp 101 N Johnson St South Bend 21 Ind
QUICK-CUTTER Hartmeister Mfg Co Inc 3020 W Barbary Pl Denver 4 Colo
QUICK-MIX Ohio Lime Co Woodville Ohio
QUICK-NAMEL Minnesota Paints Inc 1101 Third St Minneapolis Minn
QUICK-PLUG Reardon Co 7501 Page Ave St Louis 14 Mo
QUICK SERVICE Diener Mfg Co 400 N Monticello Chicago 24 Ill
QUICK SET DADO Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
QUICKSMOOTHER Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 Ill
QUICK STICK The Commercial Paste Co Buttes at Michigan Columbus 8 Ohio
QUIK-SET Moore (Goodloe E) Co PO Box 846 Danville Ill
QUIK-WAY PURRING CLIPS Peterson Prods Co 1012-17 N Bluff St Janesville Wis
QUIGLEY Quigley Co Inc 527 Fifth Ave New York 17 NY
QUIKBRIK American Cement Prods 7306 Puritan Ave Detroit 38 Mich
QUIKI Ideal Brans Works Inc 250 E Fifth St St Paul 1 Minn
QUIK-LIFT Coffing Hoist Co 800 Walters St Danville Ill
QUIK-LOK Meldrum Mfg & Engineering Co 473 N Cleveland Ave St Paul 4 Minn
QUIK-SLAK Marblehead Lime Co 300 W Washington Chicago 6 Ill
QUINN Quinn Wire & Iron Works 1200 Cedar Rd Boone Iowa
QUONSET Great Lakes Steel Corp Stran-Steel Div Ecorse 29 Mich
QUONSET & LONG-SPAN Stran-Steel Div Great Lakes Steel Corp Ecorse 29 Mich

R

RFD BROWNSKIN Angier Corp Fountain St Framingham Mass
RIW FLINTOX Toch Bros 2600 Richmond Ter Staten Island NY
RIW MARINE CEMENT Toch Bros 2600 Richmond Ter Staten Island NY
RIW PLUGALEAK Toch Bros 2600 Richmond Ter Staten Island NY
RIW ROCKTOP Toch Bros 2600 Richmond Ter Staten Island NY
RIW TOXEMENT Toch Bros 2600 Richmond Ter Staten Island NY
RIW TOXKURE Toch Bros 2600 Richmond Ter Staten Island NY
RIW SUPER TOXLOXPORE Toch Bros 2600 Richmond Ter Staten Island NY
RIW 232 Toch Bros 2600 Richmond Ter Staten Island NY
R & M Robbins & Meyers Inc 1345 Lagonda Ave Springfield Ohio
R O W R O W Sales Co 1345 Academy Ferndale 20 Mich
R-V LITE Arvey Corp 3462 N Kimball Ave Chicago 18 Ill
RACK-A-NEER Ken-Ro-Bil Co Van Buren O RACO All-Steel Equipment Co Inc 245 John St Aurora Ill
RADER LUBBER CALCULATOR Rader (Everett) Co PO Box 122 New York 4 NY
RADER STEEL BEAM SELECTOR Rader (Everett) Co PO Box 122 New York 4 NY
RADER WOOD JOIST & RAFTER Rader (Everett) Co PO Box 122 New York 4 NY
RADIA Shepler Mfg Co 1229-43 Goebel St Pittsburgh 33 Pa
RADIAL McQuay Inc 1600 Broadway NE Minneapolis 1 Minn
RADIANT Boyle-Midway Inc 22 E 40th St New York 16 NY
RADIANT-RAY BRAND Radiant-Ray Radiation Inc Newington Conn
RAIN-TITE Clifton Mfg Co 323 Pleasant St E Waco Texas
RAINBOW ROCK General Engines Co Inc 307 Hunter St Gloucester NJ
RAINEY TOOLS Linetsky (Sam) RD No. 4 Slippery Rock Pa
RALTEX Ralston (W) & Co Inc 177th St & Harlem River Bronx 53 NY
RAMCREST Reliable Metal Novelty Co Inc 25 Elm Ave Mount Vernon NY
RAMSET JOBMASTER Ramset Div Olin Industries Inc 12117 Berea Rd Cleveland 11 Ohio
RAMSET PLUS-POWER JOBMASTER Ramset Div Olin Industries Inc 12117 Berea Rd Cleveland 11 Ohio
RAMSET SUPER-POWER JOBMASTER Ramset Div Olin Industries Inc 12117 Berea Rd Cleveland 11 Ohio
RAMSET TRU-SET FASTENERS Ramset Div Olin Industries Inc 12117 Berea Rd Cleveland 11 Ohio
RANBURN Ranburn Co Inc 112 Killweld Tonawanda NY
RANCHO Tubbs Cordage Co 200 Bush St San Francisco Calif

RANDOMWOOD United States Plywood Corp 55 W 44th St New York 36 NY
RANVENTOR Universal Blower Co 1090 St Adams Ave Birmingham Mich
RANGER Roberts Mfg Co PO Box 177 Cleburne Texas
RAVINOLEUM Pavinoleum Inc 1239 St Nicholas New York 32 NY
RAY Ray Oil Burner Co 401 Bernal Ave San Francisco Calif
RAYBOND Shuford Mills Inc PO Drawer 340 Hickory NC
RAY-O-LITE Ray-O-Lite Corp of America 696 Greenwood Ave Atlanta Ga
RAY-O-VENT Superior Window Co 5300 NW 37th Ave Miami Fla
RAZON Tremco Mfg Co 8701 Kinaman Rd Cleveland Ohio
REMO-TROL Templeton Kenly & Co Gardner Rd Broadview Ill
RE-NU-IT Re-Nu-It Corp 424 West 42nd St New York 36 NY
READING Hardware Prods Inc 806-812 126th St Reading Pa
READING Reading Crane & Hoist Corp 2100 Adams St Reading Pa
READY HUNG DOORS Ready Hung Door Corp 204 Neil P Anderson Bldg Fort Worth 2 Texas
READYBUILT FIREPLACES Readybuilt Prods Co 1707 McHenry St Baltimore 23 Md
RED BRAND Keystone Steel & Wire Co 7000 S Adams Peoria 7 Ill
RED CAP Warner Ventilator Co 217 E Spring St St George Ind
RED CHIEF Hartwell Bros Hollywood Station Memphis 8 Tenn
RED CROWN Hynes & Cox Electric Co Cohoes Rd & Elm St Watervliet NY
RED DEMON American Kitchens Div Avco Mfg Corp 18th & Columbia Connersville Ind
RED DEVIL TOOLS Red Devil Tools 130 Colt St Irvington NJ
RED END Lufkin Rule Co 1730 Hess Ave Saginaw Mich
RED END Simonds Saw & Steel Co 470 Main St Fitchburg Mass
RED STREAK Simonds Saw & Steel Co 470 Main St Fitchburg Mass
RED-STRIFE Clover Mfg Co 333 Main St Newark Conn
RED STRIFE Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
RED TAG Cyclone Fence Dept American Steel & Wire Div U S Steel Corp PO Box 260 Waukegan 1 Ill
RED TANG Simonds Saw & Steel Co 470 Main St Fitchburg Mass
RED TOP Keystone Steel & Wire Co 7000 S Adams Peoria 7 Ill
RED TOP United States Gypsum Co 390 W Adams St Chicago 6 Ill
RED WING Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
REDEGE National Electric Prods Corp 2 Gateway Center Pittsburgh 22 Pa
REDDI-MOUNT Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 37 NY
REDI-GATE Tennessee Fabricating Co 1490 Grimes St Memphis Tenn
REDI-RAIL Tennessee Fabricating Co 1490 Grimes St Memphis Tenn
REDUCIT O'Brien Corp 101 N Johnson St South Bend 21 Ohio
REDWOODIE Redwood Garden Materials Co 7130 Romaine St Los Angeles 46 Calif
REDY KORNERS Capilano Timber Co Ltd PO Box 608 Vancouver BC Can
REELITE Appleton Electric Co 1701 Wellington Ave Chicago 13 Ill
REFLECTO Reflecto Letters Co 411 E 101st St New York 29 NY
REFLECTOTHERM Reflectotherm Inc 26 E University Cincinnati 19 Ohio
REFRACT-O-CRETE Acme Brick Co PO Box 425 Fort Worth Texas
REFRIGERATED KOOLER-AIRE United States Air Conditioning Corp Como Ave SE at 3rd Minneapolis Minn
REGAL Athens Stove Works Inc Hicks St Athens Tenn
REGAL Johns-Manville Corp 33 E 40th St New York 16 NY
REGLEX Blue Ridge Glass Corp Kingsport Tenn
REGLEX Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio
RELIABLE Ajax Building Bracket Co 1551 Rydal Mount Rd Cleveland Heights Ohio
RELIABLE Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill
RELIABLE Riehbitt Mfg Co 3277 Spring Grove Cincinnati 25 Ohio
RELIABLE Root-Lowell Corp 445 N Lake Shore Dr Chicago Ill
RELANCE Reliance Mfg Inc PO Box 2231 Portland Ore
RELY-ON Armstrong Co 1001 E 103rd St Chicago 28 Ill
REMOV-A-SEAL Farley & Loetscher Mfg Co Dubuque Iowa
REMPE FLAG MAST Rempe Co 340 N Sacramento Chicago 12 Ill
REPUBLIC STEEL KITCHENS Berger Mfg Div Republic Steel Corp 1038 Beiden Ave NE Canton 5 Ohio
REINFORZ SFEED-GRITS Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY
RESOLITE Resolite Corp Zelenople Pa

RESTOREX The Penetone Co 74 Hudson Ave Tenafly NJ
 RESURFO Reardon Co 7501 Page Ave St Louis 14 Mo
 REVOLVO Frick-Gallagher Mfg Co 8 Michigan Ave Wexford Ohio
 REK Chain Belt Co 4689 W Greenfield Milwaukee 1 Wis
 REX Cleveland Heater Co 2310 Superior Ave Cleveland Ohio
 REX Keem (F D) Mfg Co 700 Park Ave Beatrice Neb
 REX Patent Cereals Co 13-55 Bradford St Geneva NY
 REX AIR-PAK Cleveland Heater Co 2310 Superior Ave Cleveland Ohio
 REX AIRATE Cleveland Heater Co 2310 Superior Ave Cleveland Ohio
 REXCEL Patent Cereals Co 13-55 Bradford St Geneva NY
 REZ Roddis Plywood Corp 1155 Palmetto Marshfield Wis
 REZO Paine Lumber Co Ltd 73 West Algona Oshkosh Wis
 RHEEM Rheem Mfg Co 4361 Firestone South Gate Calif
 RICE Rice Pump & Machine Co 490 Park Ave Belgium Wis
 RICHHEAD Riehkraft Co 510 N Dearborn St Chicago 10 Ill
 RICHBIT SAFETY Riehbilt Mfg Co 3277 Spring Grove Cincinnati 25 Ohio
 RICHFLEX Riehkraft Co 510 N Dearborn St Chicago 10 Ill
 RICHKRAFT Riehkraft Co 510 N Dearborn St Chicago 10 Ill
 RIDGID PATTERN WHEELS Collier Bros 420 S St Joseph St South Bend 1 Ind
 RIGID BEAM Eastern Machine Prods Co 1601 Wisconsin St Baltimore 30 Md
 RIGID-TEX METAL Rigidized Metals Corp 958 Ohio St Buffalo 3 NY
 RIPPLE-FIN-RIPPLE-TUBE McQuay Inc 1600 Broadway NE Minneapolis Minn
 RIPPOLITE Rippolite Plastics Prods Inc 3910 Cohasset St Burbank Calif
 RITE-LOCK Adams Rite Mfg Co 540 W Chevy Chase Glendale 4 Calif
 RITE-ON-GREEN Napolin Paints Inc 229 E 42nd St New York 17 NY
 RITE-PULL Adams Rite Mfg Co 540 W Chevy Chase Glendale 4 Calif
 RO-WAY Rowe Mfg Co 614 W Third St Galenburgh Ill
 ROACH CAFE Argkem Inc Div Kalo Co 506 Maine St Quincy Ill
 ROBBINS Robbins Floor Prods Inc Tusculum Ala
 ROBBINS FLAME SYSTEM Robbins Lighting Protection 124 E 2nd St Maryville Mo
 ROBBINS LAY-TITE Robbins Flooring Co Reed City Mich
 ROBOC TURNINGS Cooke (R F) Mfg Co Cooke Pl Orange Mass
 ROBERTSVILLE Milliken Brick Co 2100 Montier St Pittsburgh 21 Pa
 ROBOT Robot Appliances Inc 13165 Prospect Ave Dearborn Mich
 ROC-WOOD Roc-Wood Flooring Industries 907 N Larrabee Chicago 10 Ill
 ROCK CORK Johns-Manville Corp 23 E 40th St New York 18 NY
 ROCK ISLAND Birtman Electric Co 4140 W Fullerton Chicago 39 Ill
 ROCK-TEX Rockford Paint Mfg Co 209 Sayre St Rockford Ill
 ROCKET Concrete Transport Mixer Co 4985 Fyler Ave St Louis 9 Mo
 ROCKET Round (David) & Son Inc PO Box 883 Cleveland 22 Ohio
 ROCKET 333 Grant Pulley & Hardware Corp 31-85 Whitestone Flushing 54 NY
 ROCKET 1000 Grant Pulley & Hardware Corp 31-85 Whitestone Flushing 54 NY
 ROCKLATH United States Gypsum Co 300 W Adams St Chicago 6 Ill
 ROCKWELL BRAND Rockwell Lume Co 228 N LaSalle Chicago 1 Ill
 ROCOP Rome-Turney Radiator Co Rome NY
 RODDISCRAFT Roddis Plywood Corp 1155 Palmetto Marshfield Wis
 ROE Roe (Justus) & Sons 1 Roe Court Patchogue LI NY
 ROE ANGLE SQUARE Roe (Justus) & Sons 1 Roe Court Patchogue LI NY
 ROE WHITE LINE Roe (Justus) & Sons 1 Roe Court Patchogue LI NY
 ROGERS Rogers Paint Prods Inc 8250 St Aubin Ave Detroit 11 Mich
 ROGERS FAMOUS LIQUID FISH GLUE Rogers Insulmas & Glue Co 210 Eastern Ave Gloucester Mass
 ROL-TOP Kinnear Mfg Co 7th & Fields Ave Columbus 18 Ohio
 ROLITON Roliton of America 370 W 7th Ave Denver Colo
 ROLL-A-BAG Keem (F D) Mfg Co 700 Park Ave Beatrice Neb
 ROLL-EZ Junior-Pro Prods Co 3206 Morganford Rd St Louis 14 Mo
 ROLL-O-HOIST Construction Machinery Co 420 Vinton St Waterloo Iowa
 ROLL-ON Wooster Brush Co 600 Madison Ave Wooster Ohio
 ROLL-OR-WHEEL Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio
 HOLA-HEAD Eastern Machine Prod Co 1601 Wisconsin St Baltimore 30 Md

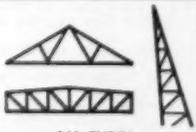
ROLL-AHEAD Eastern Venetian Blind Co 1601 Wisconsin St Baltimore 30 Md
 ROLLAWAY Frantz Mfg Co 391 W 3rd St Sterling Ill
 ROLLMASTER Tamms Industries Inc 228 N LaSalle St Chicago 1 Ill
 ROLLTOP Curry Steel Prods Co 417 S Spring Independence Mo
 ROLLWELD Moore Dry Kiln Co 1220 W State St Jacksonville Fla
 ROLITTE CEMENT Mideontinent Adhesive Co 70 Sunshine Dr Grove City Ohio
 ROLY-DOOR Morrison Steel Prods Inc 601 Amherst St Buffalo 7 NY
 ROME Rome-Turney Radiator Co Rome NY
 ROMEX General Cable Corp 420 Lexington Ave New York 17 NY
 ROMEXUP General Cable Corp 420 Lexington Ave New York 17 NY
 ROMOCO Rocky Mount Cord Co Inc PO Box 1271 Rocky Mount NC
 ROOF-SHIELD Ensign Prods Co 3528 E 76th St Cleveland 5 Ohio
 ROOFINSUL Johns-Manville Corp 22 E 40th St New York 18 NY
 ROOM MATES York Wall Paper Co 750 Linden Ave York Pa
 ROOS COLUMN CLAMPS Baker-Roos Inc 602 W McCarty St Indianapolis 6 Ind
 ROOSHORS Baker-Roos Inc 602 W McCarty St Indianapolis 6 Ind
 ROPER DRY AIRE Roper (Geo D) Corp Blackhawk Park Ave Rockford Ill
 ROT-STOP Rockford Paint Mfg Co 209 Sayre St Rockford Ill
 ROTARY Swartwout Co 18511 Euclid Ave Cleveland Ohio
 ROTECIDE Rotenone Prods Co 110 Eaton Pl East Orange NJ
 ROTO SPEED FLANER Honeycutt Mfg Co Inc 2715 Oak St Kansas City 8 Mo
 ROTO STRIP Neo-Ray Prods Inc 313-23 E 22nd St New York 10 NY
 ROTO-TRAY American Kitchens Div AVCO Mfg Corp 18th & Columbia Connersville Ind
 ROTO-TROWEL Stow Mfg Co Inc 272 Shear St Binghamton NY
 ROTO-WAITERS Sedgwick Machine Works 80 Eighth Ave New York 11 NY
 ROTOWOOD Parkwood Corp 24 Water St Wakefield Mass
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 ROYAL Special Prods Co Judd St Chattanooga 6 Tenn
 ROYAL EAGLE Eagle Rule Mfg Corp 506 Hunts Point Ave New York 59 NY
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 RUBBERLIKE Bird & Son Inc 47 Wilson St East Walpole Mass
 RUBBERLOCK Mitchell Rubber Prods Inc 2114 San Fernando Rd Los Angeles 65 Calif
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 RUGBY Standard Brick & Tile Corp 123 NW 4th St Evansville 8 Ind
 RUNWELL Frantz Mfg Co 301 W 3rd St Sterling Ill
 RUSCO Russell (F C) Co 1100 Chester Ave Cleveland 1 Ohio
 RUSSELL Russell Harrington Cutlery Co 44 River St Southbridge Mass
 RUSTICIDE Rusticide Co 3125 Perkins Ave Cleveland 14 Ohio
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 RUSTREM Speco Inc 7308 Associate Ave Cleveland 9 Ohio
 RUTLAND Rutland Fire Clay Co Curtis Ave Rutland Vt
 RUTLAND KEX Rutland Fire Clay Co Curtis Ave Rutland Vt
 RUUD ALCOA ALLOY Ruud Mfg Co 2934 Smallman St Pittsburgh 1 Pa
 RUUD-MONEL Ruud Mfg Co 2934 Smallman St Pittsburgh 1 Pa
 RUUDIATOR Ruud Mfg Co 2934 Smallman St Pittsburgh 1 Pa
 RYOLEX Sibirco Corp 5901 W 66th St Chicago 38 Ill

S
 SBP Berger Corp Belle Vernon Pa
 S I S Harrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY

S-P Aerovent Fan Co Inc Ash & Beacon Sta Piquette Ohio
 SP Service Parts Systems Inc PO Box 243 East Detroit Mich
 S R P Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
 S P SUPREME Southern Pine Lumber Co Diboll Texas
 SABINITE United States Gypsum Co 300 W Adams St Chicago 6 Ill
 SACHEM Samson Cordage Works 470 Atlantic Ave Boston 10 Mass
 SAF-T-CUT Bay State Abrasive Prods Co Union St Westboro Mass
 SAF-T-LOCK Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
 SAFE TRIAD Wilson-Imperial Co 115 Chestnut St Newark 5 NJ
 SAFE-O-MATIC Crofoot Mfg Co 217 Evergreen Mount Prospect Ill
 SAFETECH Capewell Mfg Co 60 Governor St Hartford 2 Conn
 SAFETEE Safetee Glass Co 4717 Stenton Ave Philadelphia 44 Pa
 SAFE TRIAD Safe Tread Co Inc 30 Vesey St New York 7 NY
 SAFETY PULL Coffing Hoist Co 800 Walters St Danville Ill
 SAFETY SIX Slaymaker Lock Co 115 SW End Ave Lancaster Pa
 SAFETY TRUCK BRAKE Advance Car Mover Inc 112 N Outagamie St Appleton Wis
 SAFEWAY Logan-Long Co 6690 S Central Ave Chicago 38 Ill
 SAFWAY Safway Steel Prods Inc 6228 W State St Milwaukee Wis
 ST PAUL Saint Paul Corrugating Co 8 End Wabasha St St Paul 1 Minn
 SAL-MO Sall Mountain Co PO Box 777 Hamilton Ohio
 SALEM Johns-Manville Corp 22 E 40th St New York 18 NY
 SALEM LINE Irmanton Prods Co 37-26 Prince St Flushing LI NY
 SAMCO Syracuse Alloy Metals Corp 511 N State St Syracuse 3 NY
 SAMPSON Riehbilt Mfg Co 3277 Spring Grove Cincinnati 25 Ohio
 SAN-EQUIP San-Equip Inc E Brighton & Glen Syracuse 5 NY
 SANACOUSTIC Johns-Manville Corp 22 E 40th St New York 18 NY
 SANATOR Pittsburgh Incinerator Co 130 Beam Way Pittsburgh 11 Pa
 SAND-SCOTT Holuh Industries Inc 413 DeKalb Ave Sycamore Ill
 SANDMASTER Atlas Floor Surfacing Machinery Co 248 E 34th St New York 16 NY
 SANDRAN Sandura Co Inc 17th & Sansom St Philadelphia 3 Pa
 SANETTE Master Metal Prods Inc PO Box 95 Buffalo 5 NY
 SANI-CART American Conveyor Co 1115 W Adams Chicago 7 Ill
 SANI-FLAT Moore (Benjamin) & Co 511 Canal St New York 13 NY
 SANI-FLOOR Hollaender Mfg Co 3819 Spring Grove Ave Cincinnati 23 Ohio
 SANI-KLEEN Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill
 SANIMASTER Ruud Mfg Co 2934 Smallman St Pittsburgh 1 Pa
 SANI-SETT Ever-Plastics Corp 420 Lexington Ave New York 17 NY
 SARGENT Sargent & Co 45 Water St New Haven 9 Conn
 SARGENT O'Brien Corp 101 N Johnson St South Bend 21 Ind
 SATIN SPAR Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
 SATINFIDE Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
 SATINLAC United States Plywood Corp 55 W 44th St New York 36 NY
 SATINOL Blue Ridge Glass Corp Kingsport Tenn
 SANITOL Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio
 SATINTEX Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 SATINTONE Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 SATUROCK Carter-Waters Corp 2440 Fenway Kansas City 8 Mo
 SAUNDERS PATTERN WHEELS Collier Bros 420 S St Joseph St South Bend 1 Ind
 SAV-A-SCREEN Farley & Loetscher Mfg Co Dubuque Iowa
 SAV-U-TIME Sav-U-Time Devices Inc 88 Manhattan St Rochester 7 NY
 SAVABRUSH Schalk Chemical Co 351 E 2nd St Los Angeles 12 Calif
 SAVINOLEUM Pavinoleum Inc 1239 St Nicholas New York 32 NY
 SAW MASTER Master Woodworker Mfg Co Co Inc 401-411 E Fort St Detroit 26 Mich
 SCATTER TWEEED Wallace Mfg Co 10th & Fayette St Kansas City Mo
 SCHLAGE Schlage Lock Co 2201 Bay Shore Blvd San Francisco 19 Calif
 SCHUNDLER MICA PELLETS Schundler (F E) & Co Inc 504 Railroad St Joliet Ill
 SCOPMOBILE Mixermobile Mfrs 8027 Killingsworth Portland 20 Ore
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TYPICAL SHAPES	USES	SPANS	CENTER-TO-CENTER SPACING	ADVANTAGES
 TANGENT ARCHES	Churches Gymnasiums Chapels Theaters	24' to 100'	8' to 20'	Arch and laminated purlins gives unsurpassed beauty, without expensive veneering. Fire resistant. Made of kiln-dried Douglas Fir selected for strength and appearance.
 RADIAL ARCHES	Gymnasiums Hangars Auditoriums Armories Skating Rinks Bowling Alleys	40' to 120'	8' to 20'	Graceful arches have the clean, natural beauty of fine wood. Wide, clear spans give large unobstructed space without unsightly framework. Fire resistant. Efficient design makes a building that is economical to erect.
 STRAIGHT ARCHED-PITCHED LAMINATED WOOD BEAMS	One-story Schools Stores Offices Residences Gymnasiums Industrial Buildings	20' to 60'	6' to 20'	Resists checking and warping and other seasoning defects common to solid timber. Fire resistant. Combines structural and decorative advantages for economy.
 BOWSTRING TRUSSES	Wide, Clear-Span Buildings Garages Factories Hangars Warehouses Gymnasiums	24' to 200'	8' to 20'	Well adapted to wide, clear-span construction. Economical. Designed for specific requirements such as concentrated loads, hoists, etc.
 TIED ARCHES	Stores Factories Theaters Warehouses Hangars	24' to 65'	2'	Light enough to erect without special equipment. One inch roof sheathing can be nailed to top of arch with ceiling material nailed directly to lower tie.
 UTILITY ARCHES	Small Hangars Warehouses Gymnasiums Theaters Community Buildings	28' to 80'	2' to 20'	Easy to plan. Economical. Combines sidewall and roof in one piece for easy erection. Requires no costly field assembly. Any type of roofing can be applied over sheathing.
 ALL TYPES STRUCTURAL ASSEMBLIES	Bridges Buildings Bulkheads Culverts Docks Falsework Floats Grandstands Ramps Outdoor Theater Screens Retaining Walls Shipways	our service engineers will gladly consult with you	2' to 22'	Designed for specific loads, precision manufactured by skilled workmen of structural timber. Cut to exact lengths, holes bored for all connections — bolts and hardware furnished. Delivered when promised for erection by local crews.

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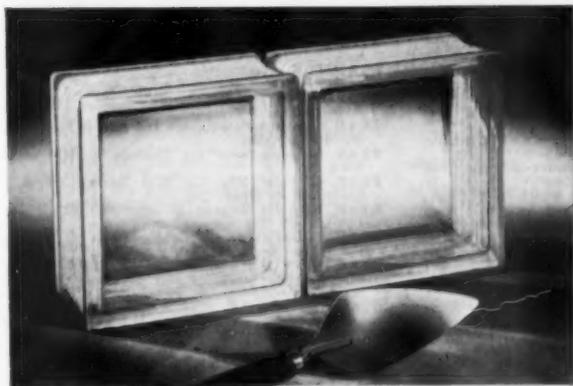
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Address _____

City _____ Zone _____ State _____

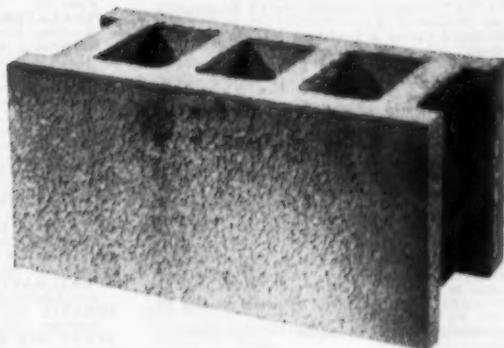
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SCREW-TITE NAILS Independent Nail & Packing Co Stone St Bridgewater Mass
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SCUTL Scott (O M) & Sons Co Marysville O
SEA SWIRL Associated Plywood Mills Inc PO Box 672 Eugene Ore
SEAL-A-MATIC Superior Window Co 5300 NW 37th Ave Miami Fla
SEAL-ALL ROOF CLIPS Seal-All Clip Co 4376 W Pasadena Flint Mich
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SEALCURE NO. 66 Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
SEAL-FOIL Sealrite Insulation Mfg Corp 115 Madison St Waukesha Wis
SEALGLAS Sealrite Insulation Mfg Corp 115 Madison St Waukesha Wis
SEAL GRIP Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
SEALITE The Sullivan Co 212 E Trigg Memphis Tenn
SEAL-LOCK Gold Seal Asphalt Roofing Co PO Box 302 Chicago Heights Ill
SEAL-O-MATIC Johns-Manville Corp 22 E 40th St New York 16 NY
SEAL RITE Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich
SEAL-TEC Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
SEALTIGHT Meadows (W R) Inc 2 Kimball Elgin Ill
SEAL TITE Grand Rapids Hardware Co 560 Seventh St Grand Rapids 2 Mich
SEAL-TITE Starline Inc 390 W Front St Harvard Ill
SEALTITE Warnica Prods 6416-18 S Ashland Ave Chicago 36 Ill
SEALTOP Modern Venetian Blind Inc 261 Fifth Ave New York 16 NY
SEAL-TREK Chapman Chemical Co 707 Denton Bldg Memphis Tenn
SEALUXE Universal Corp 6710 Denton Dr Dallas Texas
SEASON-ALL Prentice (F W) & Co 430 N Dean St Adrian Mich
SEASON-MASTER McQuay Inc 1600 Broadway NE Minneapolis Minn
SECO Seco-Lite Mfg Co 4916 Easton Ave St Louis Mo
SECRET SERVICE Master Lock Co 2690 N 32nd St Milwaukee 45 Wis
SECTIONFOLD DOORS Wilson (J G) Corp 372 Lexington Ave New York 17 NY
SECURIT Blue Ridge Glass Corp Kingsport Tenn
SECURIT Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio
SECURITY Garden City Plating & Mfg Co 1760 N Ashland Ave Chicago 22 Ill
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SEDCON Sterling Electronic Door Corp 323 W 2nd St Rock Falls Ill
SEELUX Guth (Edwin F) Co 2615 Washington St Louis 3 Mo
SEEP SEAL Rock-Tred Corp 7440 N St Louis Skokie Ill
SEIDLITS BEST BY TEST Seidlits Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
SELBAKOTE Selby Battersby & Co 5220 Whittby Ave Philadelphia 43 Pa
SELBALITH Selby Battersby & Co 5220 Whittby Ave Philadelphia 43 Pa
SELATEX Selby Battersby & Co 5220 Whittby Ave Philadelphia 43 Pa
SELKRAFT Selka (Walter E) & Co 223 W Hubbard Chicago 10 Ill
SELECT-O-PHONE Kellogg Switchboard & Supply 79 W Monroe St Chicago 3 Ill
SELECTEMP Iron Fireman Mfg Co 3170 W 106th St Cleveland 11 Ohio
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SENIOR The Penstone Co 74 Hudson Ave Toms River NJ
SENTINEL Allied Metals Inc 14 Hamilton St New London Conn
SENTINEL Speakman Co 30th & Spruce Sta Wilmington 99 Del
SENTRY DOOR SEAL Sentry Stop-A-Draft 29 N Wacker Dr Chicago 6 Ill
SEPCO Sepeco Corp 860 Cross St Pottstown Pa
SERVANET Hyde Park Prods Co Burch Ave & N & W RR Cincinnati 3 Ohio
SEVEL Sevel Inc 119 N Morton Ave Evansville 20 Ind
SERVICE-MASTER McCabe-Powers Auto Body Co 5900 N Broadway St Louis 15 Mo
SERVICE-WAY Heater Inc 681 E Brighton Ave Syracuse 5 NY
SET-EZE Dare Prods Inc PO Box 157 Battle Creek Mich
SEVENTY Glen-Gery Shale Brick Corp Box 182 Wyominging Pa
75 HOUSE PAINT O'Brien Corp 101 N Johnson St South Bend 21 Ind
77 Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill
SEWERTITE Carey (Philip) Mfg Co 216 S Wayne Cincinnati 15 Ohio
SHADE-BETTER Clifton Mfg Co 323 Pleasant St E Waco Texas
SHAD-O-LINE Uponson Co 43 Uponson Pt Lockport NY
SHADOWEDGE Ruberoid Co 500 5th Ave New York 36 NY
SHADOWLINE Long Fir Gutter Co 600 Dewey Cadiz Ohio
SHALETIX Stretator Brick Div Hydraulic Press Brick Co 321 E Main St Stretator Ill
SHALIMAR Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio
SHAM-ROCK Masonry Waterproofing Co Inc Box 1061 North Sta Arlington 7 Va
SHARP SMITH Belvaux Machinery Co 315 Westport Rd Kansas City 11 Mo
SHARP'S AUTOMATIC FRAMING SQUARE Sharp's Mfg Co PO Box 332 Salem Ore
SHASTA Wooster Brush Co 600 Madison Ave Wooster Ohio
SHASTETTE Wooster Brush Co 600 Madison Ave Wooster Ohio
SHAW Quinn Wire & Iron Works 1200 Cedar Rd Boone Iowa
SHAW-BOX Shaw-Box Crane & Hoist Div Manning Maxwell & Moore Inc Muskegon Mich
SHAWNEE HYDRO-CLAM Shawnee Mfg Co Inc 1947 N Topeka Topeka Kan
SHAWNEE "OUT" DITCHER Shawnee Mfg Co Inc 1947 N Topeka Topeka Kan
SHEDWELL Frants Mfg Co 301 W 2nd St Sterling Ill
SHEETROCK United States Gypsum Co 300 W Adams St Chicago 6 Ill
SHEFFIELD Sheffield Doors Inc Rockford Ill
SHEFFIELD Sheffield Steel Div Armco Steel Corp Sheffield Ohio
SHELBY Columbia-Geneva Div U S Steel Corp Russ Bldg San Francisco 6 Calif
SHELBY Shelby Spring Hinge Co Shelby Ohio
SHELLANE Shell Oil Co Inc 50 W 50th St New York 20 NY
SHERARDT National Electric Prods Corp 2 Gateway Blvd Cleveland 22 Pa
SHERMAN FORK LIFT Sherman Prods Inc 14 Mile Rd & Coolidge Royal Oak Mich
SHERMAN POWER DIGGER Sherman Prods Inc 14 Mile Rd & Coolidge Royal Oak Mich
SHIELDALL Youngtown Industries Inc 710 S State St Girard Ohio
SHIELD SILASEAL Surface Protection Co 16799 Enclid Ave Cleveland 12 Ohio
SHINGLE-BACKER Insulite Div Minnesota & Ontario Paper Co 500 Baker Arcade Minneapolis 2 Minn
SHINGLE-SEAL Dewatex Mfg Corp 424 W 42nd St New York 36 NY
SHINGLSTIK Old American Roofing Mills 7600 Truman Rd Kansas City Mo
SHINGLSTIK Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
SHINO Pioneer Mfg Co 3065 E 87th St Cleveland 4 Ohio
SHIRLEY Shirley Corp 330 E St Joseph Indianapolis 2 Ind
SHOPMASTER Shopmaster Inc 1214 Third St S Minneapolis Minn
SHOVELOADER Baker-Lull Corp 314 W 90th St Minneapolis Minn
SHOWELL Schwartz Showell Corp 842 Goodale Blvd Columbus 8 Ohio
SHOWERMATER Harrison Steel Cabinet Co 4718 W Filley Ave Chicago 44 Ill
SHOWER-PROOF Calbar Paint & Varnish Co 2812-26 N Martha Philadelphia 25 Pa
SHUR EDGE Robson Cutlery Co Inc 3646 Case St Perry NY
SHUREBOND UNIT Chikering Goldsmith Metal Lath Co 4601 Chickering Cincinnati Ohio
SHURLOK Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY
SHURON FLOOR Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill
SHUR-TRED Johnson (S C) & Co Inc 1525 Howe St Racine Wis
SIBLEY Sibley (Edw L) Mfg Co Inc 222 W Main St Bennington Vt
SICLONE Simonsa Saw & Steel Co 470 Main St Fitchburg Mass
SIERRA Flat Metal Mfg Co 9301 W Belmont Ave Franklin Park Ill
SI-FLO Speakman Co 30th & Spruce Sta Wilmington 99 Del
SIGNAL Signal Electric Div King-Seely Corp 1821-13th St Monmouth Mich
SIGNWRITERS Commonweath Paint & Varnish Co 4124 W Parker Ave Chicago 39 Ill
SIGUNIT Sika Chemical Corp 35 Gregory Ave Passaic NJ
SIKACRETE Sika Chemical Corp 35 Gregory Ave Passaic NJ
SIKA KOTE Sika Chemical Corp 35 Gregory Ave Passaic NJ
SIKA RFC Sika Chemical Corp 35 Gregory Ave Passaic NJ
SIKA SEAL Sika Chemical Corp 35 Gregory Ave Passaic NJ
SILAKOTE Weatherguard Service Inc 564 Jackson Ave New York 56 NY
SILATEX Stanley (William C) Co Inc 401 Broadway New York 12 NY
SILATEX Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
SIL-CARB Clover Mfg Co 333 Main St Norwalk Conn

SILENDOR Weisberg-Baer Co 4-05 26th Ave Long Island City 2 NY
SILENT GLIDE Weatherproof Prods Corp Waldo Sta Box 8498 Kansas City 8 Mo
SILENTVANE Westinghouse Electric Corp PO Box 868 Pittsburgh 30 Pa
SILICONIZ Lockrey Co Southampton NY
SILIPHANE Prima Prods Inc 10 E 40th St New York NY
SILITEX Prima Prods Inc 10 E 40th St New York NY
SIL-O-ETT United States Gypsum Co 300 W Adams St Chicago 6 Ill
SILVERCOTE DUPLEX Silvercote Prods Inc 161 E Erie Chicago Ill
SILVERCOTE SIMPLEX Silvercote Prods Inc 161 E Erie Chicago Ill
SILVERENE Seidlits Paint & Varnish Co 18th & Garfield Sts Kansas City 10 Mo
SILVER LAKE Silver Lake Co 470 Atlantic Ave Boston 10 Mass
SILVER LINE Union Machine Co 708 Colfax Ave Kenilworth NJ
SILVER SENTINEL Slaymaker Lock Co 115 SW End Ave Lancaster Pa
SILVERTILE Chessman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
SIMPLEX Crescent Brass & Pin Co 5760-5800 Trumbull Detroit 8 Mich
SIMPLEX Mansfield Sanitary Pottery Inc Perrysville Ohio
SIMPLEX Templeton Kenly & Co Gardner Rd Broadview Ill
SIMPLEX FOLDING STAIRWAY Precision Parts Corp 400 N First St Nashville 7 Tenn
SIMPSON Coast Insulating Prods 2316 San Fernando Los Angeles 65 Calif
SISALATION American Sisalkraft Corp 55 Starkey Ave Attleboro Mass
SISALKRAFT American Sisalkraft Corp 55 Starkey Ave Attleboro Mass
SITE-SAVER International Lighting Co 6511 Easton Ave St Louis 14 Mo
#633 TILE ADHESIVE Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
#600 INDUSTRIALIST Curtis Lighting Inc 6135 W 65th St Chicago 38 Ill
61 Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
SKID-LOADER Drott Mfg Corp 3841 W Wisconsin Milwaukee 8 Wis
SKID-SHOVEL Drott Mfg Corp 3841 W Wisconsin Milwaukee 8 Wis
SKIPPER Astrup Co 2937 W 25th St Cleveland 13 Ohio
SKIPPER Flat Metal Mfg Co 9301 W Belmont Ave Franklin Park Ill
SKOTCH Superior Fastener Corp 2949 Elston Ave Chicago 18 Ill
SKRUF Rickkraft Co 510 N Dearborn St Chicago 10 Ill
SKY-BLAST Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
SKYLITE Silvray Lighting Inc 100 W Main St Bound Brook NJ
SKYLIFT Automatic Transportation Co 101 W 87th St Chicago 20 Ill
SKYMASTER Acme Equipment Co 213 E Broadway Muskegoe Okla
SKYTEX Blue Ridge Glass Corp Kingsport Tenn
SKYTEX Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio
SKYTRON Pittsburgh Corning Corp 1 Gateway Center Pittsburgh 22 Pa
SLACKMASTER Johns-Manville Corp 22 E 40th St New York 16 NY
SLENDER Dunkirk Radiator Corp 85 Middle Rd Dunkirk NY
SLICK-SPRAY Busch (A G) & Co Inc 2632 N Central Ave Chicago 39 Ill
SLIDE-A-FOLD Craig Wood Prods Co Brennan Columbus Ga
SLIDE-O-VENT Rene-Craft Prods 406 Linden Ave Wilmette Ill
SLIDETOP Curry Steel Prods Co 417 S Spring Independence Mo
SLIDE-VIEW Slide-View Steel Door & Window 521 N Lacieneza Blvd Los Angeles 45 Calif
SLIP-JOINT Robinson Clay Prods Co 65 W State St Akron 9 Ohio
SMALMESH Inland Steel Prods Co 4111 W Burnham Milwaukee Wis
SMART SET DELUXE Consolidated Venetian Blind Co 2401 Nicholson St Houston 8 Texas
SMITH & EGGE Turner & Seymour Mfg Co Lawton St Torrington Conn
SMITHCO Smith Chemical & Color Co 55 John St Brooklyn 1 NY
SMITHMOBILE Smith (T L) Co 2835 N 32nd St Milwaukee Wis
SMOOTHGRAIN Johns-Manville Corp 22 E 40th St New York 16 NY
SMOOTH-LITE Insulite Div Minnesota & Ontario Paper Co 500 Baker Arcade Minneapolis 2 Minn
SMOOTH-ON Smooth-On Mfg Co 574 Commonwealth Jersey City 4 NJ
SMOOTH-RUN Clover Mfg Co 333 Main St Norwalk Conn
SNAPICALK Seal Rite Caulking Co 17300 Wyominging Pa
SNAPICOH Wiremold Co Hartford 10 Conn
SNAP-ON Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn
SNO-BREEZE Palmer Mfg Co 2200 W Fillmore Phoenix Ariz

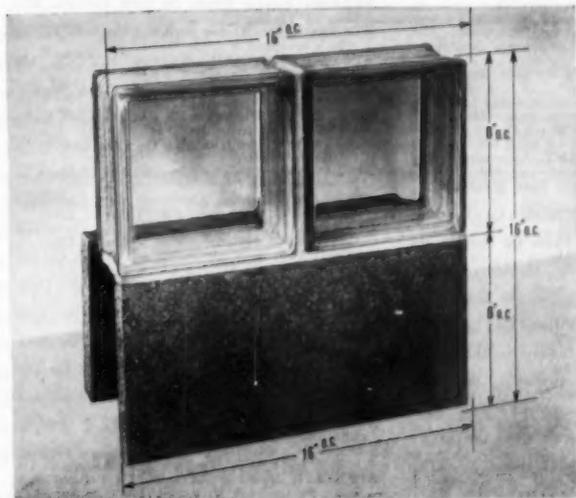


OWENS-ILLINOIS GLASS BLOCK*

— AND CONCRETE BLOCK



*...building materials
that "belong" together*



Glass block and concrete block "fit." Two 8" glass block equal a standard concrete block. When you use glass block in basements, you have no worry about joints at the grade line.

Owens-Illinois Glass Block are handled in the same way as concrete blocks—same mortar materials and similar laying technique . . . go in at the same time.

Glass block arrive on the job site packed in sturdy cartons of convenient size. Cartons can be opened as block are needed. No loose block for you to handle. Panels can be made to fit any size opening . . . no frame is necessary.

Owens-Illinois Glass Block are available in a wide variety of designs from super-clear that you can see through to those that restrict sight completely. Literature for any glass block application is available free of charge. For information or help with a specific problem write: Kimble Glass Company, subsidiary of Owens-Illinois, Toledo 1, Ohio.

*Formerly known as INSULUX

OWENS-ILLINOIS GLASS BLOCK
AN  PRODUCT

OWENS-ILLINOIS
GENERAL OFFICES • TOLEDO 1, OHIO

SNO-GO Doran Chemical Corp 1701 Westport Rd Kansas City 11 Mo
SNOW DRIFT United States Gypsum Co 300 W Adams St Chicago 6 Ill
SNOW WHITE Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
SNOWTITE Mission Lime Prods Corp Continental Chemical Co 841 Ducommun St Los Angeles Calif
SNUG FIT Paine Co 7 Westgate Rd Addison Ill
SNUGGERS Casement Hardware Co 612 N Michigan Ave Chicago 11 Ill
SNUG-TITE Engineered Prods Co 129 Smith St Flint 3 Mich
SODIUM NITRITE Solvay Process Div Allied Chemical & Dye Corp 61 Broadway New York 6 NY
SOPAMATIC American Bed & Spring Co 5255 Delmar St St Louis Mo
SOFTONE Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
SO HARD SCREWS Southington Hardware Mfg Co 188 Center St Southington Conn
SOILAX Economics Laboratory Inc 250 Park Ave New York 17 NY
SOLEX Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
SOLIDEX Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
SOLIDOR Farley & Loetscher Mfg Co Dubuque Iowa
SOLVAY AIR-DRYETTE Solvay Process Div Allied Chemical & Dye Corp 61 Broadway New York 6 NY
SONAIDUCT Sonoco Prods Co South St Hartsville SC
SONAIDUCT-XP Sonoco Prods Co South St Hartsville SC
SONOLASTIC Sonoborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
SONOMEND Sonoborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
SONOPATCH Sonoborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
SONOSHEEN Sonoborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
SONOTUBE Sonoco Prods Co South St Hartsville SC
SOUNDHILT Puzet Sound Plywood Co 230 E "F" St Tacoma Wash
SOUTHERN Southern Screw Co Box 1360-A1 Statesville NC
SOUTHERN STATES Southern States Iron Roofing Co Stiles Ave Savannah Ga
SOUTHGATE Puritan Cordage Mills Inc 1205 Washington St Louisville 6 Ky
SOVEREIGN Speed-O-Print Corp 1801 W Lombard Chicago 13 Ill
SPACE KLIPS Reflector Hardware Corp 2245 S Western Ave Chicago 8 Ill
SPACE MASTER Reflector Hardware Corp 2245 S Western Ave Chicago 8 Ill
SPACEMASTER Acme National Refrigeration Co 29-24 40th Ave Long Island City NY
SPACEMASTER Lewis-Shepard Prods Inc 125 Walnut St Watertown 13 Mass
SPACEMASTER New Castle Prods Co Box 358 New Castle Ind
SPACE-SAYER Mengel Co 4th & Colorado Louisville 1 Ky
SPAKO-PATCH Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
SPANG Spang-Chalfant Div National Supply Co PO Box 416 Pittsburgh 30 Pa
SPANG CW Spang-Chalfant Div National Supply Co 1500 4th Ave Pittsburgh 30 Pa
SPANGCLEAN Spang-Chalfant Div National Supply Co PO Box 416 Pittsburgh 30 Pa
SPANJER'S Spanjer Bros Inc 1160 N Howe Chicago 10 Ill
SPARCLIN Commonwealth Paint & Varnish Co 4124 W Parker Ave Chicago 39 Ill
SPARTAN Mansfield Sanitary Pottery Inc Ferrysville Ohio
SPARFAN Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
SFA-SAYER Acme National Refrigeration Co 29-24 40th Ave Long Island City NY
SPECIFICATION Barrett Div Allied Chemical & Dye Corp 40 Reator St New York 6 NY
SPECTRIM Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
SPECTRO-MATIC TINTING SYSTEM Rockford Paint Mfg Co 200 Sayre St Rockford Ill
SPECTRO-MATIC WOOD TONES Rockford Paint Mfg Co 200 Sayre St Rockford Ill
SPEED-DRY Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich
SPEED-DEE Dalton Mfg Co 20 S Central Ave St Louis 3 Mo
SPEED Louisville Cement Co 501 S 2nd St Louisville 2 Ky
SPEED Speedway Mfg Co 1834 S 52nd Ave Cicero 50 Ill
SPEED NUTS Tinnerman Prods Inc Dept 16 PO Box 6888 Cleveland 1 Ohio
SPEED-BARROW American Conveyor Co 1115 W Adams Chicago 7 Ill
SPEED DEE PRINTER Peck & Harvey 5650 N Western Ave Chicago 11 Ill
SPEED-O-MATIC Link-Belt Speeder Corp 1201 6th St SW Cedar Rapids Iowa
SPEED-RAIL Hollander Mfg Co 3841 Spring Grove Cincinnati 23 Ohio
SPEED-WET METALITE Hehr-Manning Corp Div Norton Co 1360 Howe St Troy NY
SPEIDAUMAT Addressograph-Multigraph Corp 1200 Babbitt Rd Cleveland 17 Ohio

SPEDECK Mobile Paint Mfg Co PO Box 1686 Mobile Ala
SPEEDHEATERS Westinghouse Electric Corp Sturtevant Div 37 Readville St Boston 36 Mass
SPEEDI-GLU White Adhesives Co 2 Harrington St Newtonville Mass
SPEEDMOUNT Bell Electric Co 1844 W 21st St Chicago 8 Ill
SPEED-RAIL Hollander Mfg Co 3819 Spring Grove Ave Cincinnati 23 Ohio
SPEEDRIL Lockwood Hardware Mfg Co 1950 Cleghorn St Fitchburg Mass
SPEEDSTER Hyde Mfg Co Eastford & Clemens Southbridge Mass
SPEEDTILE Rockford Brick & Tile Co Rockford Iowa
SPEEDWAY Wright Hoist Div American Chain & Cable Co York Pa
SPEEDY SPRAYERS Brown (W R) Corp 2701 E Normandy Ave Chicago 35 Ill
SPENCER Looming Spencer Heater Div Avco Mfg Corp Williamsport Pa
SPINDRIER Easy Washing Machine Corp Solar & Spencer Sta Syracuse 1 NY
SPINTEX Johns-Manville Corp 22 E 40th St New York 16 NY
SPIRAL Make (W H) Co Church St & River Fronts Ill
SPIRALATOR AUTOMATIC WASHER Easy Washing Machine Corp Solar & Spencer Sta Syracuse 1 NY
SPIREX Caldwell Mfg Co 64 Commercial St Rochester 14 NY
SPIROLOC Universal Form Clamp Co 1238 N Keweenaw Ave Chicago 51 Ill
SPLASH VALVE Fenelon Bros Inc 450 N Bellevue Memphis 1 Tenn
SPOT Samson Cordage Works 470 Atlantic Ave Boston 10 Mass
SPOTNAILS Spontails Inc 1527 Lyons Evanston Ill
SPRAYACUSTIC Spravo-Flake Co 2727 W Irving Park Rd Chicago 11 Ill
SPRAYCAT Root-Lowell Corp 445 N Lake Shore Dr Chicago 11 Ill
SPRAY-COTE Spravo-Flake Co 2727 W Irving Park Rd Chicago 11 Ill
SPRAYCRAFT Smith & Kansler Co E Linden Ave Linden NJ
SPRAY Electric Sprayit Div Thomas Industries 1415 Illinois Ave Sheboygan Wis
SPRAY MIX Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City NY
SPRAYMORE Root-Lowell Corp 445 N Lake Shore Dr Chicago 11 Ill
SPRAYO-FLAKE Spravo-Flake Co 2727 W Irving Park Rd Chicago 11 Ill
SPRAY-SEAL Spravo-Flake Co 2727 W Irving Park Rd Chicago 11 Ill
SPRAYSHIELD Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa
SPREAD-EASY Debs Decorators Old Middleton Rd Madison 3 Wis
SPRING LOCK Tiley (John S) Ladders Co Inc 112 Second St Waterliet NY
SPRING-TITE Weatherproof Prods Corp Waldo Sta Box 8498 Kansas City 5 Mo
SPRING WING Paine Co 7 Westgate Rd Addison Ill
SQUARE GEE Grabler Mfg Co 6565 Broadway Cleveland 5 Ohio
SQUAREHEAD NAILS Independent Nail & Packing Co Stone St Bridgewater Mass
SQUARE SQUIRT Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City NY
STA-DRI MASONRY PAINT American Stadi Co 4019 38th St Brentwood Md
STA-TITE Sta-Tite Inc 4020 Port Washington Ave Mewahunk NY
STA-WARM Sta-Warm Electric Co 553 N Chestnut St Ravenna Ohio
STA-ZIT The Commercial Paste Co Bottles at Michigan Columbus 8 Ohio
STAB-LOK Federal Pacific Electric Co 50 Paris St Newark 1 NJ
STABRITE Horn (A C) Co Inc 252 Townsend St San Francisco Calif
STAINHOLD Chessman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
STAIR-FAN Huntington Industries Inc 2368 Prospect St Memphis Tenn
STAIR-TRAVELORS Sedewick Machine Works 30 Eighth Ave New York 11 NY
STAKMASTER Stair Equipment Co 768 E New York Ave Brooklyn 3 NY
STALLPACK Carthage Marble Corp Carthage Mo
STAND-ALL Simonds Saw & Steel Co 470 Main Street Fitchburg Mass
STANDARD Harris Preble Fire Doors Inc 4608 N 20th St Chicago 50 Ill
STANDARD Lanorb Mfg Co 110 Main St W Poughkeepsie NY
STANDARD Shelby Metal Prods Co PO Box 525 Shelby Ohio
STANDARD CORK Tite Dodge Cork Co Inc 23 Laurel St Lancaster Pa
STANDARD BROS (A) Co Inc Standard Electric Mfg Co Inc Haddon Ave W Berlin NJ
STANDARD-FLUSH DOOR Hardwood Prods Corp PO Box 191 Neenah Wis
STANDARD HOMES Standard Homes Co 2524 "L" St NW Washington 7 DC
STANDARD PRESSEDWOOD Masonite Corp 111 W Washington Chicago 2 Ill
STANDARDOR Mengel Co 4th & Colorado Louisville 1 Ky
STANDARD'S Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 Ill

STANTEK Stanley (William W) Co Inc 401 Broadway New York 13 NY
STANTHONY Stanthony Corp 5341 San Fernando Los Angeles 39 Calif
STAINTOX Abesto Mfg Corp 131 Wabash St Michigan City Ind
STAPLECRAFT Acme Staple Co 1643 Haddon Ave Camden 3 NJ
STAR Aerovent Fabricators Inc Ash & Benton Sta Piqua Ohio
STAR Clemson Bros Inc Cottage St Middletown NY
STAR Richbilt Mfg Co 3277 Spring Grove Cincinnati 25 Ohio
STAR BRAND Turner & Seymour Mfg Co Lawton St Torrington Conn
STAR CLOSIN Star Expansion Bolt Co 147-149 Cedar St New York 6 NY
STAR DRYVIN HAMMERDRIVE Star Expansion Bolt Co 147-149 Cedar St New York 6 NY
STAR GLASDRILL Star Expansion Bolt Co 147-149 Cedar St New York 6 NY
STAR HAMRFLUTE Star Expansion Bolt Co 147-149 Cedar St New York 6 NY
STAR-LITE Bestie Mfg Co PO Box 71 Ontario Calif
STAR ROTHTWIST Star Expansion Bolt Co 147-149 Cedar St New York 6 NY
STAR SPRINGIN Star Expansion Bolt Co 147-149 Cedar St New York 6 NY
STAR THREADED SOCKETS Star Expansion Bolt Co 147-149 Cedar St New York 6 NY
STARALUM ALCLAD Hanover Wire Cloth Div Continental Copper & Steel Industries 1945 Continental Hanover Pa
STARBRITE Hanover Wire Cloth Div Continental Copper & Steel Industries 1945 Continental Hanover Pa
STARCK Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
STARLIFE Hanover Wire Cloth Div Continental Copper & Steel Industries 1945 Continental Hanover Pa
STARLINE Starline Inc 300 W Front St Harvard Ill
STARLINER Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill
STARRETT Starrett (L S) Co 101 Crescent St Mass
STATE HOUSE Masury & Son Inc 1700 Bayard St Baltimore 30 Md
STAY-RIB Inland Steel Prods Co 4111 W Burnham Milwaukee Wis
STAY-STRATE United States Plywood Corp 55 W 44th St New York 36 NY
STAY-TITE Stepano Prods Co 9400 Steinway Ave Cleveland 4 Ohio
STAY-WET Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill
STAYCUT Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill
STAYPUT Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill
STAZON Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich
STEAROLITH Master Builders Co 7016 Euclid Ave Cleveland 3 Ohio
STEEL-FASHIONED Walters Mfg Co 140 Pennsylvania Oakmont Pa
STEEL SEAL Builders Mfg Co 1514 Brown-Mel Bldg Birmingham Ala
STEELBINDER Gerrard (A J) & Co 1966 Hawthorne Sq Melrose Park Ill
STEELCOTE Steeleote Mfg Co 3418 Gratiot St St Louis 3 Mo
STEEP-SLOPE Bennett-Ireland Inc 23 State St Norwich NY
STERLING Sterling Abrasives Div Cleveland Quarries Co 1430 Broad St Tiffin 15 Ohio
STERFAST Sterling Abrasives Div Cleveland Quarries Co 1430 Broad St Tiffin 15 Ohio
STERGLAZE Sterling Paint & Varnish Co 184 Commercial St Malden 48 Mass
STERILAMPS Westinghouse Electric Corp Lamp Div Bloomfield N J
STERLING Sterling-Freeland Industries 4701 N Western Ave Chicago 25 Ill
STERLING Sterling Hardware Mfg Co 2345 W Nelson St Chicago 18 Ill
STERLING Sterling Paint & Varnish Co 184 Commercial St Malden 48 Mass
STERLING Wendorf Heater Co 1421 Chestnut St Philadelphia 2 Pa
STERLING Warren-Knight Co 136 N 12th St Philadelphia 7 Pa
STERLING GLYDEAWAY Sterling-Freeland Industries 4701 N Western Ave Chicago 25 Ill
STERLITH Sterling Abrasives Div Cleveland Quarries Co 1430 Broad St Tiffin 15 Ohio
STERMOUNT Sterling Abrasives Div Cleveland Quarries Co 1430 Broad St Tiffin 15 Ohio
STEWART Stewart (E A) Lumber Co Inc PO Box 1777 Texarkana Texas
STILEMANOR Russell & Erwin Div American Hardware Co 102 Washington New Britain Conn
STILES Bridgewater Brick Co Spring St E Bridgewater Mass
STOKER-VYOR American Conveyor Co 1115 W Adams Chicago 7 Ill
STOKERMATIC Stokermatic Co 1610 Industrial Rd Salt Lake City Utah
STONE-DRI Sapolin Paints Inc 229 E 42nd St New York 17 NY
STONEFIL Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 Ill
STONEWALL BOARD Old American Roofing Mills 7600 Truman Rd Kansas City Mo

STONEWALL BOARD Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 STONEWALL BOARD Ruberoid Co 500 Fifth Ave New York 36 NY
 STOP Kleen-Kote Co 601 W 80th St Chicago 20 Ill
 STOP GAP Sapolin Paints Inc 229 E 42nd St New York 17 NY
 STOP IT Tamms Industries Inc 228 N La Salle Chicago 11 Ill
 STOP N FLO Melnor Metal Prods Co Inc 10-40 45th Av Long Island City NY
 STOP-RUST PP The Stop-Rust Co Box 2054 Chattanooga 9 Tenn
 STOP-RUST 700 The Stop-Rust Co Box 2054 Chattanooga 9 Tenn
 STORACK American Steel & Iron Works 5801 S Lowe Chicago 21 Ill
 STORMSEAL Gardner Wire Co 1325 S Cicero Chicago 50 Ill
 STORM KING Chicago Paints Inc 4500 W 14th Chicago 23 Ill
 STORMTIGHT Sonneborn & Sons Building Prods Div 4 Four Ave New York 16 NY
 STOW Stop Mfg Co Inc 272 Shear St Binghamton NY
 STRADDLE TRUCK Hyster Co 2902 NE Clackamas Portland 8 Oregon
 STRAN-STEEL FRAMING Great Lakes Steel Corp Stran-Steel Div Ecorse 29 Mich
 STRAN-STEEL FRAMING Stran-Steel Div Great Lakes Steel Corp Ecorse 29 Mich
 STRAND Detroit Steel Prods Co 2250 E Grand Blvd Detroit 11 Mich
 STRAPBINDER Gerrard (A J) & Co 1966 Hawthorne Sq Melrose Park Ill
 STREAM-LINE Rotary Clothes Dryer Co Inc 840 Lawrence St Allentown Pa
 STREAMLINE Mueller Brass Co 1925 Lapeer Ave Port Huron Mich
 STREAMLINER Ferguson (Harry J) Co 141 West Ave Jenkintown Pa
 STRIP-N-KOMB Wisconsin Laboratories Inc Duanean Wis
 STRONG-ARM HOISTS Wood (Gar) Industries Inc Michigan Blvd Wayne Mich
 STRONG BOY Master Lock Co 2600 N 32nd St Milwaukee 45 Wis
 STRONGHEART Silver Lake Co 470 Atlantic Ave Boston 10 Mass
 STRONGHOLD NAILS Independent Nail & Packing Co Stone St Bridgewater Mass
 STRONGMAN Southern Galvanizing Co 1620 Bush St Baltimore 30 Md
 STRUCTOLITE United States Gypsum Co 300 W Adams St Chicago 6 Ill
 STUBBY Holly Mfg Co 875 Arroyo Pkwy Pasadena 2 Calif
 STUCCO GRIP Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
 STUD JACKS Superior Scaffold Co 5624 Bankfield Ave Culver City Calif
 STUD-PAK U S Mineral Wool Co Stanhope NJ
 STURDALITE Wright Mfg Co PO Box 6567 Houston 5 Texas
 STURDIWOOD Exiner (Alexander) Co Merchandise Mart Chicago 81 Ill
 STURDY Calder Mfg Co 630 N Prince St Lancaster 12 Pa
 STYLENE Toledo Desk & Fixture Co 1020 Ford Rd Maumee Ohio
 STYLON Stylon Corp Summer St Box 341 Milford Mass
 SUBURBAN Ruberoid Co 500 5th Ave New York 36 NY
 SUDDEN DEPTH Paine Co 7 Westgate Rd Addison Ill
 SULCO The Sullivan Co 212 E Trigg Memphis Tenn
 SUN-BURST Delta Heating Corp 1 Cole St Trenton 8 NJ
 SUNFLOWER Certain-Teed Prods Corp 120 E Lancaster Av Ardmore Pa
 SUN FUEL-MASTER Patten (J V) Co 550 DeKalb Ave Sycamore Ill
 SUN-PROOF Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
 SUNRAY FABRIC Fearless Mfg Co Inc 2100 E 11th St Reading Pa
 SUNROC Sunroc Refrigeration Co Glen Riddle Pa
 SUN-SASH Sun Sash Co 38 Park Row New York 38 NY
 SUNSEAL Patent Cereals Co 13-55 Bradford St Geneva NY
 SUN SHEEN Standard Industrial Prods 1500 Park St Evansville 4 Ind
 SUNTILE Cambridge Tile Mfg Co Box 17 Cincinnati 5 Ohio
 SUN VALLEY JUNIOR Sun Valley Sliding Door Co 8354 San Fernando Rd Sun Valley Calif
 SUN VALLEY SENIOR Sun Valley Sliding Door Co 8354 San Fernando Rd Sun Valley Calif
 SUPER CHIEF Chicago Paints Inc 4500 W 14th Chicago 23 Ill
 SUPER CLEANSER Solvay Process Div Allied Chemical & Dye Corp 61 Broadway New York 6 NY
 SUPER-DUTY Harris Preble Fire Doors Inc 4608 W 20th St Chicago 50 Ill
 SUPER-FINE Fiber-Glass Div Libbey-Owens-Ford Glass Co 608 Madison Av Toledo 3 Ohio
 SUPER-HARBORD Harbor Plywood Corp Box 940 Aberdeen Wash
 SUPER KEM-TONE Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich

SUPER KEM-TONE Rogers Paint Prods Inc 8250 St Aubin Ave Detroit 11 Mich
 SUPER KOVERALL Standard-Toch Chemicals Inc 2500 Richmond Ter Staten Island NY
 SUPER MEZURALL Lufkin Rule Co 1730 Hess Ave Saginaw Mich
 SUPER SANITAS Standard Coated Prods Inc Buchanan NY
 SUPER SAW RCS Tool Sales Corp Box 1434 Joliet 11 Ill
 SUPER SEAL Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY
 SUPER SEDCO Consolidated Venetian Blind Co 2401 Nicholson St Houston 8 Texas
 SUPER SHOKLESS Kneisley Electric Co 2501-9 LaGrange St Toledo 3 Ohio
 SUPER SLUGGER Tempo Prods Co 2075 E 45th St Cleveland 3 Ohio
 SUPER STEEL Union Steel Chest Corp 54 Church St Le Roy NY
 SUPER T Tork Clock Co Inc 1 Grove St Mt Vernon NY
 SUPER-TITE United States Gypsum Co 300 W Adams St Chicago 6 Ill
 SUPER WEATHERMAN Tamms Industries Inc 228 N La Salle St Chicago 11 Ill
 SUPER WEATHER-TIGHT Evans Pipe Co 23 Newport Ave Uhrichville Ohio
 SUPERCEDAR Brown (George C) & Co Inc 1730 W Lee St Greensboro N C
 SUPERCEL Reardon Co 7501 Page Ave St Louis 14 Mo
 SUPEREX Johns-Manville Corp 22 E 40th St New York 16 N Y
 SUPERFAN Queen Stove Works Inc 505 Front St Albert Lea Minn
 SUPERFAST Superior Fastener Corp 2949 Elston Ave Chicago 18 Ill
 SUPERFLAME Queen Stove Works Inc 505 Front St Albert Lea Minn
 SUPERIOR Grand Rapid Hardware Co 560 11th St NW Grand Rapids 2 Mich
 SUPERIOR Jones Superior Machine Co 1270 W North Ave Chicago 22 Ill
 SUPERIOR Round (David) & Son Inc PO Box 883 Cleveland 22 Ohio
 SUPERIOR Vulcan Metal Prods 2801 6th Ave S Birmingham Ala
 SUPERIOR Wall (P) Mfg Co 200 Erie St Grove City Pa
 SUPERIOR Youngstown Mfg Inc 66-76 S Prospect Youngstown Ohio
 SUPERKLEEN Devoe & Reynolds Co Inc 707 First Ave New York 17 N Y
 SUPERELECTRIC Superior Electric Prods Corp 1507-17 Independence Cape Girardeau Mo
 SUPERLITE Superior Wall Products Co 4401 N American St Philadelphia 40 Pa
 SUPERSEAL Barland Weatherstrip Material 1960 E 59th St Cleveland 3 Ohio
 SUPERSUN Combustion Engineering Inc 911 W Main St Chattanooga Tenn
 SUPERWALL Superior Window Co 5300 NW 37th Ave Miami Fla
 SUPRADUR Supradur Corp of N Y 122 E 42nd St New York 17 N Y
 SUPRATEST American Window Glass Co 9 West Pkwy Pittsburgh 12 Pa
 SUPREMO Zurr (J A) Mfg Co Erie Pa
 SUPROCO Tuffalt Inc 137 Bauman St Pittsburgh 10 Pa
 SUR-STIK Mid-West Acoustical & Supply Co 20001 W Lake Rd Cleveland 16 Ohio
 SURE GRIP Melnor Metal Products Co Inc 10-40 45th Ave Long Island City N Y
 SURE GRIP Sarnson Cordage Works 470 Atlantic Ave Boston 10 Mass
 SURE GRIP Tuck Mfg Co 74 Ames St Brockton 39 Mass
 SUREMATIC Camp Chemical Co Inc 170 Second Ave Brooklyn 15 N Y
 SUREMATIC Camp Co Inc 6958 S State Chicago 21 Ill
 SURE PRIME Jaeger Machine Co 500 W Spring St Columbus 16 Ohio
 SURFCO ROCK Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio
 SURFEX Pass & Seymour Inc 50 Boyd Ave Syracuse 9 N Y
 SURFWOOD United States Plywood Corp 55 W 44th St New York 36 N Y
 SURFWOOD U S Plywood Corp Shasta Div PO Box 1688 Redding Calif
 SWAN Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa
 SWANSON SPEED SQUARE Swanson Tool Co 9113 S 53rd Av Oak Lawn Ill
 SWARTWOUT DEXTER Swartwout Co 18511 Euclid Ave Cleveland Ohio
 SWEROLENE Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 Ill
 SWINGIN SPRAY Melnor Metal Prods Co Inc 10-40 45th Ave Long Island City N Y
 SYLVA-PLY MacMillan & Bloedel Ltd 837 Hastings St Vancouver B C Can
 SYLVANIA Sylvania Electric Prods Inc 1740 Broadway New York 19 N Y
 SYLVANOID Pennwoods Inc 70 E 45th St New York 17 N Y
 SYNTHACOTE Rogers Paint Prods Inc 8250 St Aubin Ave Detroit 11 Mich
 SYRACUSE Syracuse Fire Door Corp 900 Canal St Syracuse 3 N Y
 SYRACUSE Syracuse Twist Drill Co Inc 1046 S Townsend St Syracuse 3 N Y
 SYRALL Syracuse Alloy Metals Corp 511 N State St Syracuse 3 N Y

SYRIAN Standard Brick & Tile Corp 123 NW 4th St Evansville 8 Ind
 SYSTEM WEATHERMAKER Carrier Corp 302 S Geddes St Syracuse 1 N Y
 SYSTEMAT Addressograph-Multigraph Corp 1200 Babbitt Rd Cleveland 17 Ohio

T

TDL The Penetone Co 74 Hudson Ave Tenafly N J
 TFC Tennessee Fabricating Co 1490 Grimes St Memphis Tenn
 TMB Thomas Moulding Floor Co Inc 325 W Huron St Chicago 10 Ill
 T-CHORD Haven-Busch Co 510 Front Ave NW Grand Rapids 4 Mich
 TA-PER-TAPE Marvan Corp PO Box 219 W Hartford Conn
 TABLE-CABLE Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio
 TACH-FAST Tach-Fast Mfg Co Lonaconing
 TACK-IT O'Brien Corp 101 N Johnson St South Bend 21 Ind
 TACK-O-MATIC Crofoot Mfg Co 217 Evergreen Mt Prospect Ill
 TACO Taco Heaters Inc 1160 Cranston St Cranston R 1
 TAINTOR Smith (Seymour) & Son Oakville Ohio
 TALLEX Industrial Chemical Sales Div West Virginia Pulp & Paper Co 230 Park Ave New York 17 N Y
 TAMBLYN SYSTEM Tambllyn Systems 1420 Gilpin St Denver Colo
 TAMCO Tamms Industries Inc 228 N La Salle Chicago 11 Ill
 TAM COTE Tamms Industries Inc 228 N La Salle St Chicago 11 Ill
 TAMTEX Tamms Industries Inc 228 N La Salle St Chicago 11 Ill
 TARGET Evans (Robert G) Co 7204 Wyandotte Kansas City 14 Mo
 TAR-ROK Barrett Div Allied Chemical & Dye Co 40 Rector St New York 6 N Y
 TAYLOR Taylor Lock Co 2034 W Lippincott Philadelphia 32 Pa
 TAYLOR MADE Taylor Bedding Mfg Co Taylor Texas
 TEBCO Evans Brick Co Uhrichville Ohio
 TECHBUILT Techbuilt Inc 55 Brattle St Cambridge 38 Mass
 TECHNOMATIC Capewell Mfg Co 60 Governor St Hartford 2 Conn
 TECHNITE Capewell Mfg Co 60 Governor St Hartford 2 Conn
 TECO Timber Engineering Co 1319 18th St NW Washington 6 D C
 TECTUM R Tectum Corp 105 S Sixth Newark Wis
 TE-COR Morgan Co 520 Oregon St Oshkosh Wis
 TEEL Grainger (W W) Inc 118 S Oakley Blvd Chicago 12 Ill
 TEE VEE Penetrax Corp 615 Front St Toledo 5 Ohio
 TECO Technical Glass Co Inc 2050 E 48th St Los Angeles 58 Calif
 TEKWOOD United States Plywood Corp 55 W 44th St New York 36 N Y
 TELE-TALK Webster Electric Co 1900 Clark St Racine Wis
 TEL-O-POST Brainard Steel Div Sharon Steel Corp Griswold St Warren Ohio
 TEMCO Temco Inc 4104 Park Ave Nashville 9 Tenn
 TEMEDGE Blue Ridge Glass Corp Kingsport Tenn
 TEMEDGE Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio
 TEMPACRETE Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa
 TEMPECK Carey (Phillip) Mfg Co 314 S Wayne Cincinnati 15 Ohio
 TEMPERED DIOLUX Masonite Corp 111 W Washington Chicago 2 Ill
 TEMPLE Southern Pine Lumber Co Diboll Tex
 TEMPTRITE Masonite Corp 111 W Washington Chicago 2 Ill
 TENANT HAND REVO-TOOL Tennant (G H) Co 2566 N Second St Minneapolis Minn
 TENNESSEAL Tennessee Coal & Iron Div U S Steel Corp PO Box 599 Fairfield Ala
 TENNESSEE Tennessee Line & Twine Co 705 Lynn Ave Elizabethton Tenn
 TENNESSEE VARIEGATED Turner Bros Stone Co PO Box 27 Crossville Tenn
 TERQUARTZ Tennessee Stone Co Inc 705 Broadway NE Knoxville 17 Tenn
 TENSULATE Tennessee Prods & Chemical Corp 500 1st American Natl Bank Bldg Nashville 3 Tenn
 TENSULATE PERLITE Tennessee Prods & Chemical Corp 500 1st American Natl Bank Bldg Nashville 3 Tenn
 TERALITE Chase Brass & Copper Co Inc 236 Grand St Waterbury 20 Conn
 TERMI-SHIELD Tension Bros Inc 450 N Bellevue Memphis 1 Tenn
 TERNE-COUSTIC Tach-Fast Mfg Co Lonaconing Md
 TERNE-TILE Tach-Fast Mfg Co Lonaconing S
 TERRA-LIFT American Tractor Corp Terra Drive Churubusco Ind

TERRAFLEX Johns-Manville Corp 22 E 40th St New York 16 N Y
TERRALOADER American Tractor Corp Terra Drive Churubusco Ind
TERRATRAC American Tractor Corp Terra Drive Churubusco Ind
TEX-FAB Ruberoid Co 590 5th Ave New York 16 N Y
TEXTOLITE United States Gypsum Co 200 W Adams St Chicago 6 Ill
TEXTOLITE General Electric Co 1 Plastics Ave Pittsfield Mass
TEXTONE United States Gypsum Co 300 W Adams St Chicago 6 Ill
TEXTONE V-4 Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio
TEXTUR-SEAL Tamms Industries Inc 228 N La Salle St Chicago 1 Ill
TEXTURE ONE-ELEVEN Puget Sound Plywood Co 239 E "F" St Tacoma Wash
TEXTURED FLUTEX Blue Ridge Glass Corp Kingsport Tenn
TEXTURED FLUTEX Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio
TEXTUR-VIT Texas Vitrefiled Pipe Co Box 111 Mineral Wells Texas
TEXTURED LINEX Blue Ridge Glass Corp Kingsport Tenn
TEXTURED LINEX Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio
THAT BETTER KIND Nashotah Moulding & Mfg Co Nashotah Wis
THE KNIGHT Knight Mfg Co 2930 S Washington Saginaw Mich
THE NATION'S BUILDING STONE Woolery Stone Co Inc PO Box 49 Bloomington Ind
THERMADOR Thermador Electrical Mfg Co 5215 Boyle Vernon Calif
THERMO-BASE Gerwin Industries 214 Spring Michigan City Ind
THERMO-BEST Johns-Manville Corp 22 E 40th St New York 16 N Y
THERMOGLAZE Unexcelled Chemical Corp 350 Fifth Ave New York 1 N Y
THERMO-GRIP Ideal Industries Inc 1335 Park Ave Sycamore Ill
THERMOLAIRE Birmingham Stove & Range Co PO Box 2593 Birmingham 2 Ala
THERMOLITE Electricas Corp Newbridge & Windsor Bergenfield N J
THERMO-PAD Wood Conversion Co 1st Natl Bank Bldg St Paul 1 Minn
THERMOPANE Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio
THERMO-PANEL Ohio Plnte Glass Co 305 Morris St Toledo 4 Ohio
THERMORAY Thermoray Corp South Buckhout St Irvington-on-Hudson N Y
THERMO-SASH Kesko Prods Inc PO Box 98 Bristol Ind
THERMOSEAL Russell (F C) Co 1100 Chester Ave Cleveland 1 Ohio
THERMO-VENT Damp-Vent Co 210 17th St Box 393 Bettendorf Iowa
THICK BILT Ruberoid Co 590 Fifth Ave New York 16 N Y
THILCO Thilmany Pulp & Paper Co Thilmany Rd Kaukauna Wis
3 C Columbia Southern Chemical Corp 632 Ft Duane Blvd Pittsburgh 22 Pa
3D-INSELM Jones & Brown Inc 439 Sixth Ave Pittsburgh 19 Pa
3-IN-ONE Hot-Midway Inc 22 E 40th St New York 16 N Y
3-IN-ONE Sabin Machine Co 6536 Carnegie Ave Cleveland 3 Ohio
369 CANVAS PRESERVER Ensign Prods Co 3528 E 76th St Cleveland 5 Ohio
38 Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 N Y
63 COMPOUND Armstrong Co 1001 E 103rd St Chicago 28 Ill
THREPLEX Chase Brass & Copper Co Inc 236 Grand St Waterbury 20 Conn
THRIFT QUALITY Speed-O-Print Corp 1801 W Larehmont Chicago 13 Ill
THRIFT-T-WA Rosch & Musser Co Muscatine Iowa
THRIFTY Vento Steel Prods Co Inc 250 Colorado Ave Buffalo 15 N Y
THULMAN Chimney Sales Corp National Bank Bldg Fredericksburg Va
TIGER Kelley Island Company 1132 Leader Bldg Cleveland 14 Ohio
TIGER Samson Corbridge Works 470 Atlantic Ave Boston 10 Mass
TIGER BRAND Columbia-Genesee Div U S Steel Corp Ruse Bldg San Francisco 6 Calif
TIGER BRAND Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa
TIGER BRAND Tennessee Coal & Iron Div U S Steel Corp PO Box 599 Fairfield Ala
TIGER GRIP Consumers Glue Co 1515 Hadley St Louis 6 Mo
TIGER LILY Shuford Mills Inc PO Drawer 340 Hickory N C
TILEKO Tilette Cement Co Inc 401 Lafayette St New York 3 N Y
TILEMASTER Tilemaster Corp 1415-21 Di-versey Plwy Chicago 14 Ill
TILE-TEX Tile-Tex Div Flintkote Co 1200 McKinley Ave Chicago Heights Ill
TILETTE Tilette Cement Co Inc 401 Lafayette St New York 3 N Y
TILON Ever-Plastics Corp 420 Lexington Ave New York 17 N Y
TILT Safety Window Hardware Corp 121-127 30th St Brooklyn 33 N Y

TIMBERLOCK Kees (F D) Mfg Co 700 Park Ave Beatrice Neb
TIMBERTOX Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo
TIMBERTOX-WOODTOX Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo
TIME-SAVER Spenkman Co 30th & Spruce Sta Wilmington 99 Del
TIMELY PLANNER Timely Prods Co Box 416 Baal Ohio
TIMKEN SILENT AUTOMATIC Timken Silent Automatic Div Rockwell Mfg Co 209 E Washington Jackson Mich
TIN-O-LIN Calbar Paint & Varnish Co 2612-26 N Martha Philadelphia 25 Pa
TINY TOP Extension Drawer Support Co 2319 W Washington Los Angeles 18 Calif
TITAN Titan Mfg Co Inc 701 Seneca St Buffalo 10 N Y
TITE-LOCK Old American Roofing Mills 7600 Truman Rd Kansas City Mo
TITE-LOK Old American Roofing Mills Div Ruberoid Co 590 Fifth Ave New York 16 N Y
TITE-ON Ruberoid Co 590 Fifth Ave New York 16 N Y
TITIAN Color-Craft Prods Inc 5035 Belleville Detroit 11 Mich
TOMAHAWK True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio
TOMB Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 N Y
TOMMY AXE True Temper Corp 1623 Euclid Ave Cleveland 15 Ohio
TOOTHPICK Tilley (John S) Ladders Co Inc 112 Second St Watervliet N Y
TOP-FLIGHT Mengel Co 4th & Colorado Louisville 1 Ky
TOPS-ALL Sterling-Freeland Industries 4701 N Western Ave Chicago 25 Ill
TOPSEAL FASTENER Fabricated Prods Co Inc Water St W Newton Pa
TORIDHEET Cleveland Steel Prods Co 16025 Brookpark Rd Cleveland 11 Ohio
TORK Tork Clock Co Inc 1 Grove St Mt Vernon N Y
TORRIDOR Trane Co 3rd & Cameron La Crosse Wis
TORUST Wilbur & Williams Co 130 Lincoln St Boston 35 Mass
TOUCH-PLATE Touch Plate Mfg Corp PO Box 1970 Long Beach 1 Calif
TOWERMOBILE Mixer-mobile Mfrs 8027 Killingsworth Portland 20 Ore
TRACEMASTER Stacon Equipment Co 768 E New York Ave Brooklyn 3 N Y
TRACTOR DONKEY Hyster Co 2902 NE Clackama Portland 8 Ore
TRADESMAN Woodenware Prods Corp 122 N 7th St St Louis 1 Mo
TRADESMASTER Tipp Mfg Co N Fourth St Tipp City Ohio
TRADITIONAL Gerber Plumbing Fixtures 232 N Clark St Chicago 1 Ill
TRAFFIC Johnson (S C) & Co Inc 1525 Howe St Racine Wis
TRAFFIC-COTE Johnson (S C) & Co Inc 1525 Howe St Racine Wis
TRAILMOBILE Trailmobile Co 31st & Robertson Cincinnati 9 Ohio
TRANSCRETE Construction Machinery Co 420 Vinton St Waterloo Iowa
TRANSEAL Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis
TRANSITE Johns-Manville Corp 22 E 40th St New York 16 N Y
TRANSITONE Johns-Manville Corp 22 E 40th St New York 16 N Y
TRANSITOP Johns-Manville Corp 22 E 40th St New York 16 N Y
TRANSLOT Cannelton Sewer Pipe Co 4th & Washington Cannelton Ind
TRANSLOT Texas Vitrefiled Pipe Co Box 111 Mineral Wells Tex
TRANSPORT Concrete Transport Mixer Co 4985 Fyler Ave St Louis 9 Mo
TRANSPORTER Automatic Transportation Co 101 W 87th St Chicago 20 Ill
TRANSSIDER Automatic Transportation Co 101 W 87th St Chicago 20 Ill
TRANSTACKER Automatic Transportation Co 101 W 87th St Chicago 20 Ill
TRANSTRACOR Automatic Transportation Co 101 W 87th St Chicago 20 Ill
TRANSEYOH Automatic Transportation Co 101 W 87th St Chicago 20 Ill
TREADSURE Horn (A C) Co Inc 252 Townsend St San Francisco Calif
TREASURE ISLE Midwest Jobbers Inc 3300-8 S Racine Chicago 8 Ill
TREE TANGLEFOOT Tanglefoot Co 314 Straight Ave Grand Rapids Mich
TREMLUX Temco Mfg Co 8701 Kinsman Rd Cleveland Ohio
TREMENT Tremont Nail Co 21 Elm St Wareham Mass
TREN-FLEX Trenton Pipe Nipple Co 626 Brunswick Ave Trenton N J
TRI-CLAD General Electric Co 1 River Rd Schenectady 5 N Y
TRI-B-HEAT Wall (P) Mfg Co 200 Erie St Grove City Pa
TRI-LOK Dravo Corp Dravo Bldg Pittsburgh 22 Pa
TRILUG Rockwood Sprinkler Co 38 Harlow St Worcester 5 Mass
TRIMCO Trimco Metal Prods 6304 Olive St St Louis 5 Mo

TRIMIX Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 N Y
TRIM-KIT Firpine Prods Co PO Box 188 Owego Ore
TRIMO PATTERN WHEELS Collmer Bros 420 S St Joseph St South Bend 1 Ind
TRIMRAD Koven & Bro Inc 154 Ogden Ave Jersey City 7 N J
TRIMRAD Waterfilm Boilers Inc 36-40 New York Ave Jersey City N J
TRIMVIEW Stewart Screen Co 32 S Raymond Ave Pasadena 1 Calif
TRIMZ United Wallpaper Inc PO Box 348 Aurora Ill
TRION Trion Inc 1000 Island Ave McKees Rock Pa
TRIFLAC Standard Industrial Prods 1500 Park St Evansville 4 Ind
TRIPLE A PAINTS Quigley Co Inc 527 Fifth Ave New York 17 N Y
TRIPLE-I Janesville Cotton Mills 220 N Franklin St Janesville Wis
TRIPLELIFE FINISH Franklin Research Co 5137 Lancaster Ave Philadelphia 31 Pa
TRIPLE SEAL Weatherproof Prods Corp World Sta Box 849 Kansas City 5 Mo
TRIRAY U S Expansion Bolt Co State St and PRR York Pa
TROJAN Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio
TROJAN Chester (J) & Sons Inc 41-49 Varick Ave Brooklyn 87 N Y
TROJAN Parker Mfg Co 149 Washington St Worcester Mass
TROJAN Standard Mfg Co 220 E 4th Cedar Falls Iowa
TROJAN Tilley (John S) Ladders Co Inc 112 Second St Watervliet N Y
TROPHY Birge Co Inc 390 Niagara St Buffalo 1 N Y
TROUBLE SAVER Patent Scaffolding Co 38-21 12th St Long Island City 1 N Y
TROUBLE SAVER Steel Scaffolding Co 856 Humboldt St Brooklyn 22 N Y
TROUGH BELT New London Engineering Co 1700 Division St New London Wis
TRU-FLECT Binswanger and Co 207 N Main St Houston 1 Tex
TRU-FORM Boice-Crane Co 930 W Central Ave Toledo 6 Ohio
TRUGRAIN United States Plywood Corp 55 W 44th St New York 36 N Y
TRU GROOVE Western Saw Works 1844 W Washington Los Angeles Calif
TRU-SEAL Tru-Seal Window Div Industrial Machine Tool Co 301 S Oak St Fenton Mich
TRUFLEX Capewell Mfg Co 60 Governor St St Hartford 2 Conn
TRUMBULLITE Trumbull Components Department General Electric Corp Plainville Conn
TRUSCON Devoe & Reynolds Co Inc 787 First Ave New York 17 N Y
TRUSSTEEL United States Gypsum Co 300 W Adams St Chicago 6 Ill
TRUSTY Root-Lowell Corp 445 N Lake Shore Drive Chicago 10 Ill
TRUWOOD United States Plywood Corp 55 W 44th St New York 36 N Y
TRYLOX Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 N Y
TU-VUE Ormas & La Barre 28697 Mound Rd Centerline Mich
TUB-O-VINE Kellar Inc 7039 Superior Ave Cleveland 3 Ohio
TUBAR-VENT Superior Window Co 5300 NW 37th Ave Miami Fla
TUFOR Cortland Grinding Wheels Corp 100 Huntington St Chester Mass
TUFF-FLITE Miller Falls Co Wells & Devon Greenfield Mass
TUF-FLEX DOORS Libbey-Owens-Ford Glass Co Nicholas Bldg Toledo 3 Ohio
TUF-TITE Certain-Ted Prods Corp 120 E Lancaster Ave Ardmore Pa
TUF-CAST Certain-Ted Prods Corp 120 E Lancaster Ave Ardmore Pa
TUF-CONCRETE APS Tufcrete Co Inc 522 Teachout Bldg Des Moines 9 Iowa
TUF-CONCRETE RESURFACER Tufcrete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
TUF-CONCRETE ROOF RESURFACERS Tufcrete Co Inc 522 Teachout Bldg Des Moines 9 Iowa
TUF-DENSE Tufcrete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
TUFF-BOND Moore (Goodloe E) Co PO Box 846 Danville Ill
TUFF-TEX Tile-Tex Div Flintkote Co 1200 McKinley Ave Chicago Heights Ill
TUFF-TRED Moore (Goodloe E) Co PO Box 846 Danville Ill
TUFF-WELD Moore (Goodloe E) Co PO Box 846 Danville Ill
TUFFDECK Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
TUFFLEX Serviced Prods Corp 6051 W 65th St Chicago 38 Ill
TUFFKLAY Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
TUFFLOOR Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
TUFFSEAL Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
TUFFY Bencke Corp Box 271 Columbus Miss



Residence in Chestnut Hill, Pa. Architect: Joseph B. Townsend, Jr., Philadelphia, Pa. Contractor: Haverstick-Borthwick Co., Philadelphia, Pa. Windows: 20 Lupton Aluminum Casements. Photos by Cortlandt V. D. Hubbard.

Lupton Windows Bridge a Gap

Near Philadelphia, two little stone gardener's houses, built in 1812, have a new look and a bright new future with a crisply modern new section connecting the two.

Unlike the windows in the old, stone wings, which had to be replaced, those in the new section will stay young. They're Lupton Aluminum Casements — built for a life-time of service with a minimum of maintenance. They will never need paint — will always work smoothly and efficiently without shrinking, warping, swelling or binding.

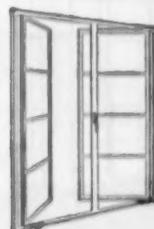
You'll find it profitable to build with Lupton Aluminum Windows. They are

easy to handle and install. They are built for lasting service with construction and design features proved by over 40 years experience in manufacturing metal windows. There's a style and size for every building project. Contact the nearest Lupton Representative, or write, wire or phone direct—you'll get prompt attention.

MICHAEL FLYNN MANUFACTURING COMPANY
700 East Godfrey Avenue, Philadelphia 24, Pa.
Member of the Steel Window Institute and Aluminum Window Manufacturers Association

LUPTON METAL WINDOWS

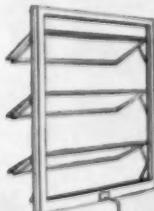
For details of Lupton Metal Windows see next 3 pages.



Lupton Casement
Steel or Aluminum

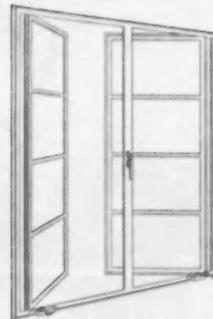
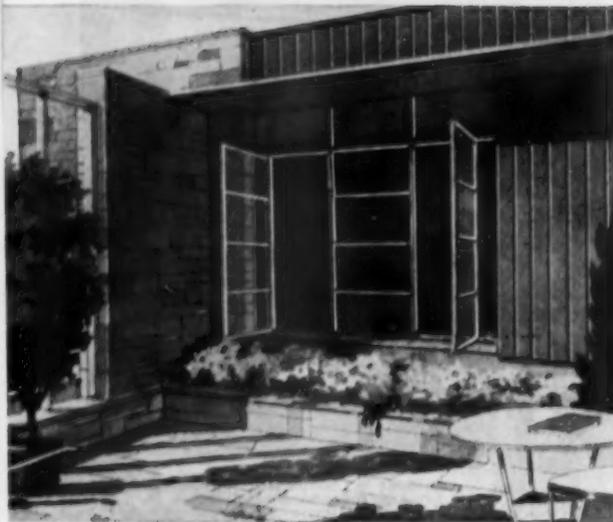


Lupton Aluminum
Double Hung Window



Lupton Aluminum
Awning Window

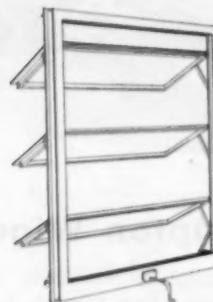
LUPTON METAL WINDOWS



CASEMENT WINDOWS — Available in aluminum or steel. Welded corners assure permanent alignment. Extended hinges make cleaning safe and easy from inside the room. Quality hardware is used — allows easy operation. Screens or storm sash can be attached inside at any time after windows are installed. Always weathertight, these casements do not require weather-stripping; will not warp, swell or shrink.

Sizes for Steel and Aluminum Casements

WINDOW DIMENSIONS							
WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT
1'-7 $\frac{1}{2}$ "	2'-2"	3'-1"	2'-2"	4'-5 $\frac{1}{2}$ "	2'-2"	5'-9 $\frac{3}{8}$ "	2'-2"
1'-7 $\frac{1}{2}$ "	3'-2 $\frac{3}{8}$ "	3'-1"	3'-2 $\frac{3}{8}$ "	4'-5 $\frac{1}{2}$ "	3'-2 $\frac{3}{8}$ "	5'-9 $\frac{3}{8}$ "	3'-2 $\frac{3}{8}$ "
1'-7 $\frac{1}{2}$ "	4'-2 $\frac{3}{8}$ "	3'-1"	4'-2 $\frac{3}{8}$ "	4'-5 $\frac{1}{2}$ "	4'-2 $\frac{3}{8}$ "	5'-9 $\frac{3}{8}$ "	4'-2 $\frac{3}{8}$ "
1'-7 $\frac{1}{2}$ "	5'-3"	3'-1"	5'-3"	4'-5 $\frac{1}{2}$ "	5'-3"	5'-9 $\frac{3}{8}$ "	5'-3"

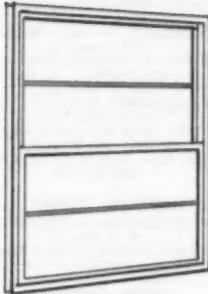


ALUMINUM AWNING WINDOWS — Ideal for controlled, draftless ventilation, this type features a centrally operated control bar that delivers power *equally to both jambs* — affording smooth, easy opening and tight closing. Frames are completely weather-stripped; ventilators always fit precisely. Awning construction deflects rain, scoops in air, and permits cleaning from inside the room. Screens or storm sash clip on inside — flush against the frame.

Sizes for Aluminum Awning Windows

WINDOW DIMENSIONS					
WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT
1'-7 $\frac{1}{2}$ "	2'-2"	3'-1"	2'-2"	4'-5 $\frac{1}{2}$ "	2'-2"
1'-7 $\frac{1}{2}$ "	3'-2 $\frac{3}{8}$ "	3'-1"	3'-2 $\frac{3}{8}$ "	4'-5 $\frac{1}{2}$ "	3'-2 $\frac{3}{8}$ "
1'-7 $\frac{1}{2}$ "	4'-2 $\frac{3}{8}$ "	3'-1"	4'-2 $\frac{3}{8}$ "	4'-5 $\frac{1}{2}$ "	4'-2 $\frac{3}{8}$ "
1'-7 $\frac{1}{2}$ "	5'-3"	3'-1"	5'-3"	4'-5 $\frac{1}{2}$ "	5'-3"
1'-7 $\frac{1}{2}$ "	6'-9"	3'-1"	6'-9"	4'-5 $\frac{1}{2}$ "	6'-9"

LUPTON METAL WINDOWS



ALUMINUM DOUBLE-HUNG WINDOWS — Accurate extrusions of high strength, aluminum alloy. Weather-stripping is stainless steel. Balances are concealed yet accessible for adjustment if necessary. The sash float between guides of stainless steel that run from head to sill, eliminating rattling. Frames interlock at mullions, no extra pieces are required. Available with or without muntins.

Sizes for Aluminum Double-Hung Windows

WINDOW DIMENSIONS									
WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT
2'-0½"	3'-1½"	2'-4½"	3'-1½"	2'-8½"	3'-1½"	3'-0½"	3'-1½"		
"	3'-9½"	"	3'-9½"	"	3'-9½"	"	3'-9½"	3'-4½"	3'-9½"
"	4'-5½"	"	4'-5½"	"	4'-5½"	"	4'-5½"	"	4'-5½"
"	5'-1½"	"	5'-1½"	"	5'-1½"	"	5'-1½"	"	5'-1½"
"	5'-9½"	"	5'-9½"	"	5'-9½"	"	5'-9½"	"	5'-9½"

Sizes of Windows for Glass Block Walls

WINDOW DIMENSIONS	
WIDTH	HEIGHT
2'-0"	2'-0"
2'-0"	2'-8"
2'-8"	2'-0"
2'-8"	2'-8"
2'-8"	3'-4"
3'-4"	2'-0"
3'-4"	2'-8"
3'-4"	3'-4"

Sizes for Steel Architectural Projected Windows

OUTSIDE GLAZED									
WINDOW DIMENSIONS									
WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT
2'-0½"	2'-9"	2'-8½"	1'-5"	3'-4½"	1'-5"	4'-0½"	1'-5"		
"	4'-1"	"	2'-9"	"	2'-9"	"	2'-9"		
		"	4'-1"	"	4'-1"	"	4'-1"	4'-8½"	4'-1"
		"	5'-5"	"	5'-5"	"	5'-5"	"	5'-5"
		"	6'-9"	"	6'-9"	"	6'-9"	"	6'-9"
		"	8'-1"	"	8'-1"	"	8'-1"	"	8'-1"

Sizes for Steel Commercial Projected Windows

INSIDE GLAZED									
WINDOW DIMENSIONS									
WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT
1'-8½"	2'-9"	3'-8½"	2'-9"	5'-0½"	2'-9"				
"	4'-1"	"	4'-1"	"	4'-1"			6'-8½"	4'-1"
		"	5'-5"	"	5'-5"			"	5'-5"
		"	6'-9"	"	6'-9"			"	6'-9"
		"	8'-1"	"	8'-1"			"	8'-1"

Sizes of Steel Security Windows

WINDOW DIMENSIONS	
WIDTH	HEIGHT
1'-8½"	2'-9"
1'-8½"	4'-1"
3'-8½"	2'-9"
3'-8½"	4'-1"
3'-8½"	5'-5"
5'-0½"	4'-1"
5'-0½"	5'-5"

Sizes of Basement and Utility Windows

OPENING DIMENSIONS		WINDOW TYPE
WIDTH	HEIGHT	
2'-8½"	1'- 2¾"	Basement 2 lights 15" x 12" glass
"	1'- 6¾"	Basement 2 lights 15" x 16" glass
"	1'-10¾"	Basement 2 lights 15" x 20" glass
"	3'- 6¾"	Utility

See next page for list of Sales Offices and Distributors ➔

Partial List of LUPTON Distributors

- ALABAMA**
BIRMINGHAM 1: Virginia Steel Co., Inc. P. O. Box 1152, 1007 37th Place North
- ARIZONA**
PHOENIX: Malco Distributors P. O. Box 2916, 313 South 11th Ave.
- CALIFORNIA**
BURBANK: Arrow Sash, Door & Mill Co. 243 West Santa Anita Ave.
PASADENA: Lee and Daniel, Inc. 1457 E. Walnut St.
NATIONAL CITY: Malco Distributors, Inc. 708 E. 8th St.
STOCKTON: Michael Flynn Mfg. Co. Warehouse-1441 W. Fremont St.
WHITTIER: Whittier Glass and Mirror Co. 11434 E. Whittier Blvd.
- CONNECTICUT**
W. HARTFORD: General Building Products Co. 12 Briston St.
- DELAWARE**
WILMINGTON: Hance Hardware Co. 324 Stone Hill Rd.-Augustine Cutoff
- DISTRICT OF COLUMBIA**
WASHINGTON 11: Cushman Brick & Bldg. Sup. Co. 137 Ingraham St. N.E.
- FLORIDA**
GAINESVILLE: Stringfellow Supply Co. P. O. Box 152, 536 S. W. Second Ave.
JACKSONVILLE: George C. Griffin Co. P. O. Box 5151, 1038 Kings Ave.
ST. PETERSBURG: Metal Building Products, Inc. P. O. Box 1599, 2700 22nd St. North
- GEORGIA**
ATLANTA 1: Henry Taylor & Son P. O. Box 1328, 1058 Amsterdam Ave. N.E.
- ILLINOIS**
CHICAGO: W. L. Van Dams Company 159 E. Chicago Ave.
ROCKFORD: Architectural Iron, Inc. 904 22nd St.
- INDIANA**
FORT WAYNE: Moss Engineering Co. 312 Standard Bldg.
INDIANAPOLIS: Barrison & Clark, Inc. 3562 Madison Ave.
- KANSAS**
KANSAS CITY 10: Lusca Brick & Stone Co. 1136 Southwest Blvd.
WICHITA 1: Lusca Brick & Stone Co. P. O. Box 1481, 342 N. Waco St.
- KENTUCKY**
COVINGTON: Tate Builders Supply Co., Inc. P. O. Box 27-Rouse Sta., 19th & Russell Sts.
ERLANGER: Tate Builders Supply Co., Inc. 47 Dixie Highway
LOUISVILLE: John W. Bishop 319 W. Jefferson St.
ALEXANDRIA: F. A. Flynn, Building Specialties
- LOUISIANA**
P. O. Box 372, 140 Wheelock Ave.
NEW ORLEANS 19: Favrat and Pierson 3511 Toulouse St.
SHREVEPORT: American Metal Window Company P. O. Box 819, 112 Caddo St.
- MAINE**
PORTLAND: Metal Building Specialties Co. 3 Aven Place
- MARYLAND**
BALTIMORE 3: Maryland Steel Products Co. P. O. Box 1997, Bush & Ridgely Sts.
- MASSACHUSETTS**
ARLINGTON 74: Boston Screen & Sash Co. 91 Mystic St.
PITTSFIELD: A. Leo Nash 6, Mill St.
SPRINGFIELD: General Building Products Co. 232 Albany St.
- MASSACHUSETTS**
WORCESTER: Chester Peterson 306 Main St.
WORCESTER: General Building Products Co. 120 Grove St.
- MICHIGAN**
DETROIT: The Clyde Bickel Co. 1214 Michigan Bldg.
GRAND RAPIDS 7: Steele Bras. & Tadd 1050 Cottage Grove, S.E.
- MINNESOTA**
MINNEAPOLIS: James C. Nyström 1087 Northwestern Bank Bldg.
- MISSISSIPPI**
W. JACKSON: C. A. Mooror P. O. Box 2312, Dixie Dr., Van Winkle Sub Division
- MISSOURI**
KANSAS CITY: Lusca Brick & Stone Co. P. O. Box 83
- NEBRASKA**
SCOTTSBLUFF: B & C Steel Corp., Inc. Scottsbluff-Gering Highway
- NEW JERSEY**
CAMDEN: Camden Glass & Mirror Co. 22nd & Federal Sts.
NEWARK: Fireproof Products Co., Inc. 183 Frelinghuysen Ave.
TRENTON: Industrial Engineering Works, Inc. 67 Bloomsburg St.
- NEW YORK**
ALBANY: Everett Glines 375 Hudson Ave.
BABYLON, L. I.: George Gaillard 378 Deer Park Ave.
ELMIRA: LeValley McLeod, Inc. 215 E. Church St.
FARMINGDALE, L. I.: Karpan Steel Products Co. Allen Blvd.
NEW YORK 54: Fireproof Products Co., Inc. 138 Bruckner Blvd.
ROCHESTER: Robert H. Link 135 Spring St.
SYRACUSE: Universal Builders Supply Co., Inc. 408 N. Miller Ave.
- NORTH CAROLINA**
CHARLOTTE: R. J. Lock Steel Products Corp. P. O. Box 1763, 1200 W. Moorehead St.
- OHIO**
AKRON: Fred J. Crisp, Inc. 710 N. Main St.
CINCINNATI: Massco, Inc. 2703 Markbreit Ave.
COLUMBUS: Howard S. Sterner Co. 12 S. 3rd St.
TOLEDO 12: Mayfair Lumber & Supply Co. 5240 Lewis Ave. cor. Mayfair
YOUNGSTOWN: Abhau Bldg. Spec. Co. P. O. Box 2543, 68 Wood View Ave.
- OKLAHOMA**
TULSA: Allied Hardware & Supply Co. 7500 Sand Springs Rd.
- OREGON**
PORTLAND 10: Mercer Steel Co., Inc. 2555 N. W. Nicolai St.
- PENNSYLVANIA**
ALLENTOWN: United Materials Co. 314 Gordon St.
BELLEFONTE: M. L. Claster & Sons, Inc. P. O. Box 539, 197 S. Water St.
DU BOIS: H. Shakspeare & Sons Du Bois St.
HARRISBURG: C. H. Hershock, Inc. 1513 N. Cameron St.
LANCASTER: Charles E. Johnson P. O. Box 293, 312 N. Lime St.
NEW CASTLE: Fleming Steel Co.
NEW HOLLAND: New Holland Concrete Products Co., Inc. PEN ARGYL: Orrin E. Palmer 402 Harding Ave.
PHILADELPHIA: Peirce-Phelps, Inc. 2000 N. 59th St.
- PITTSBURGH:** Tom Brown, Inc. 36th St. & A.V.R.R.
PITTSBURGH 22: C. C. Shannon Empire Bldg., 507 Liberty Ave.
POTTSTOWN: W. W. Manship 309 High St.
READING: Berks Building Block Corp. 2210 N. 5th St.
SCRANTON 2: Anthracite Bridge Co. 300 Genes St.
TURBOTVILLE: Turbotville Block Co., Inc. WILKES-BARRE: F. N. Henry 540 S. Main St.
WILKES-BARRE: William M. Pierce 402 Bennett Bldg.
YORK: Atlas Manufacturing Co. Grantley Rd. & Pa. R.R.
YORK: Glen Gary Shale Brick Corp. 401 Yale St.
- RHODE ISLAND**
PAWTUCKET: Ganson Engineering Co. P. O. Box 5
PROVIDENCE: General Building Products Co. P. O. Box 415, 185 Charles St.
- SOUTH CAROLINA**
COLUMBIA: Kline Iron & Metal Co. P. O. Box 1013, 1225 Huger St.
- TENNESSEE**
CHATTANOOGA: Hale & Wallace, Inc. P. O. Box 426, 1077 Duncan Ave.
JOHNSON CITY: Eustis Lancaster Asso. John Sevier Hotel Bldg.
KNOXVILLE: Dealers Warehouse Corp. 1372 North 6th Ave.
KNOXVILLE: Eustis Lancaster Asso. Andrew Johnson Hotel Bldg.
NASHVILLE: McMurray Structural Steel Co. 1504 Demonbreun St.
- TEXAS**
DALLAS: American Metal Window Co. P. O. Box 10173, 1205 Leves St.
EL PASO: Electrical & Mechanical Supply Co. P. O. Box 3247, Sta. A, 708-716 N. Piedras St.
HOUSTON: Jim Lunsford Company P. O. Box 19064, 1525 N. Post Oak Rd.
- UTAH**
SALT LAKE CITY: Buehner Block Co. 2800 South West Temple
- VIRGINIA**
BRISTOL: Central Warehouse Corp. P. O. Box 85, 512 Scott St.
RICHMOND 21: Virginia Steel Co., Inc. Mailing-Stewart Station Post Office Office-3122 W. Cary St.
- WEST VIRGINIA**
CHARLESTON 28: Fireproof Products Co. P. O. Box 2311, Suite 422-Professional Bldg.
MARTINSBURG: Richard R. Feller Co. P. O. Box 543, 900 Baltimore St.



Sales Offices and Sales Representatives

MICHAEL FLYNN MANUFACTURING COMPANY

- MAIN OFFICE AND PLANT**
 700 East Godfrey Avenue
 Philadelphia 24, Pa.
- STOCKTON (Warehouse)**
 1441 Fremont Street
 Stockton, Cal.
- LOS ANGELES**
 672 S. Lafayette Park Place
 Los Angeles 57, Cal.
- KANSAS CITY**
 (Herb W. George)
 9209 Cherry St.
 Kansas City 5, Mo.
- NEW YORK**
 51 East 42nd Street
 New York 17, N. Y.
- CINCINNATI**
 De Sales Building
 1620 Madison Road
 Cincinnati 4, Ohio

LUPTON METAL WINDOWS

REG. U.S. PAT. OFF.

TUFSEAL Tufcrete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 TUFITTE Tufcrete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 TUFPOP Tufcrete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 TUGGER Construction Machinery Co 420 Vinton St Waterloo Iowa
 TUGIT Shaw-Box Crane & Hoist Div Manning Maxwell & Moore Inc Muskegon Mich
 TUNGSEAL McCloskey Varnish Co 7600 State Rd Philadelphia 36 Pa
 TURBO-BASE Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass
 TURNER Turner Brass Works 821 Park Ave Sycamore Ill
 TURNLOK Pass & Seymour Inc 50 Boyd Ave Syracuse 9 N Y
 TURQUOISE Eagle Pencil Co 703 E 13th St New York 9 N Y
 TWIN ANCHOR Manhattan Terrazzo Brass Strip Co PO Box 187 Norwalk Conn
 TWIN LOCK Bird & Son Inc 47 Wilson St E Walpole Mass
 TWIN ROLLER McKee Door Co 110 Hanks Aurora Ill
 TWIN SET Extension Drawer Support Co 2319 W Washington Los Angeles 18 Calif
 TWIN-SLIDE Standard Building Prods Co 621 McDonald Ave Brooklyn 18 N Y
 TWINOWELD Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
 TWINSTILE Schacht Associates Inc 1175 E 156th St New York 59 N Y
 TWIST Edwards Co Inc Post Hill Rd Norwalk Conn
 TWISTE Universal Form Clamp Co 1238 N Kostner Ave Chicago 51 Ill
 TYLE-BORD Colotype Tyle-Bord Inc 975 John St Seattle 9 Wash
 TYLOK ANKORS Tennis Bros Inc 450 N Bellevue Memphis 1 Tenn
 TYRE M 1 General Cable Corp 420 Lexington Ave New York 17 NY
 TYRA Tyra (R K) Co Highway 61 Tyra Minn
 TYTE-SEAL Weatherguard Service Inc 564 Jackson Ave New York 55 NY

U

U/R Universal-Rundle Corp Box 960 New Castle Pa
 URC Utica Radiator Corp 2201 Dwyer Ave Utica 2 NY
 U S United States Radiator Corp Buhl Bldg Detroit 31 Mich
 US AIR CO United States Air Conditioning Co Como Ave SE at 33rd Minneapolis Minn
 U S S NATIONAL National Tube Div U S Steel Corp 525 William Penn Pl Pittsburgh 30 Pa
 USS SHELBY National Tube Div U S Steel Corp 525 William Penn Pl Pittsburgh 30 Pa
 UARCO Uarco Inc 5009 S California Chicago 32 Ill
 UNDERCOAT American Sta-Dri Co 4019 38th St Brentwood Md
 UNIFORM Universal Form Clamp Co 1238 N Kostner Ave Chicago 51 Ill
 UNI-POINT American Woodworking Machinery Co 100 Liberty St Hackettstown NJ
 UNI-ROL Farley & Loetscher Mfg Co Dubuque Iowa
 UNITRANE Trane Co 3rd & Cameron La Cross Wis
 UNIFLOW Uniflow Mfg Co 1525 E Lake Rd Erie Pa
 UNILINE Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY
 UNION Union Steel Chest Corp 54 Church St Le Roy NY
 UNION Union Tool Co 48 E River St Orange Mass
 UNIPAK Farley & Loetscher Mfg Co Dubuque Iowa
 UNISTRUT Unistrut Prods Inc 1013 W Washington Chicago 7 Ill
 UNIT ARCH Starline Inc 300 W Front St Harvard Wis
 UNIT BREAKER Cutler Hammer Inc 201 N 12th St Milwaukee 1 Wis
 UNITROL Cutler Hammer Inc 201 N 12th St Milwaukee 1 Wis
 UNIT SYSTEM ARCH Starline Inc 300 W Front St Harvard Ill
 UNITED United Wallpaper Inc PO Box 348 Aurora Ill
 UNITOP United States Plywood Corp 55 W 44th St New York 36 NY
 UNIVERSAL Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio
 UNIVERSAL Cribben & Sexton Co 700 N Sacramento Chicago 12 Ill
 UNIVERSAL Johns-Manville Corp 22 E 40th St New York 16 NY
 UNIVERSAL Landers Frary & Clark Center St New Britain Conn
 UNIVERSAL Universal Hoist & Mfg Co Cedar Falls Iowa
 UNIVERSAL Universal Motor Co 517 Universal Dr Oshkosh Wis
 UNIVERSAL-RUNDLE Universal-Rundle Corp New Castle Pa
 UNO-BLOCK Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass
 UNO-VENTURETTE Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass

UNXLD Yawkey-Bissell Hardwood Flooring Co White Lake Wis
 UPSON-ALL-WEATHER Upson Co 43 Upson Pt Lockport NY
 UPSON KOLDFINS Upson Co 43 Upson Pt Lockport NY
 UPSON KUYER-KRAK Upson Co 43 Upson Pt Lockport NY
 UPSON STRIATED Upson Co 43 Upson Pt Lockport NY
 UPSON STRONG-BILT Upson Co 43 Upson Pt Lockport NY
 USE U S Expansion Bolt Co State St and PRR York Pa
 UTICA Utica Radiator Corp 2201 Dwyer Ave Utica 2 NY
 UTIL-O-MATIC Crofoot Mfg Co 217 Evergreen Mt Prospect Ill
 UTILAIRE Berger Corp Belle Vernon Pa
 UTILATUB Towson & Sons Inc 4911 Lorain Ave Cleveland 2 Ohio
 UTILCO Union Steel Chest Corp 54 Church St Le Roy NY
 UTILITY Arex Co 612 N Michigan Ave Chicago 11 Ill
 UTILITY Black & Decker Mfg Co 600 E Pennsylvania Towson 4 Md
 UTILITY Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 37 NY

V

VACCINOL Vaccinol Chemical Co 2487 Penn Ave Memphis 9 Tenn
 VACOL INVISIBLE Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
 VACOL VENT Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
 VACU-BREAK SAFETY SWITCH Bulldog Electric Prods Co 7610 Joseph Campau Box 177 Detroit 32 Mich
 VALSPAR Valpar Corp 11 E 36th St New York 16 NY
 VAMPCO Mueller Brass Co 1925 Lapeer Ave Port Huron Mich
 VAMPCO Valley Metal Prods Co Bridge St Plainwell Mich
 VANALOID Vogue Mfg Co 2311 Taylor St Fort Wayne 6 Ind
 VANCO CUPRAFACE Van Noorden (E) Co 100 Magazine St Boston 19 Mass
 VANCO PLEXIGLASS DOMELITE Van Noorden (E) Co 100 Magazine St Boston 19 Mass
 VANDY-CRAFT Vandy (EA) 14105 Merchandise Mart Chicago 54 Ill
 VANETTE Toledo Desk & Fixture Co 1020 Ford Rd Maumee Ohio
 VANITY Mansfield Sanitary Pottery Inc Perrysville Ohio
 VAN NESS CUSTOM LOUVRE HARDWARE Van Ness Louvre Co 8354 San Fernando Rd Sun Valley Calif
 VAN NESS JALOUSIE HARDWARE Van Ness Louvre Co 8354 San Fernando Rd Sun Valley Calif
 VAN NESS JALOUSIE SURROUND UNIT Van Ness Louvre Co 8354 San Fernando Rd Sun Valley Calif
 VAN NESS STANDARD LOUVRE HARDWARE Van Ness Louvre Co 8354 San Fernando Rd Sun Valley Calif
 VAPEX Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
 VARI-SPOT Currier Lighting Inc 6135 W 65th St Chicago 35 Ill
 VARI-VAC Dunham (C A) Co 400 W Madison St Chicago 6 Ill
 VARJET Flint & Walling Mfg Co Inc 95 Oak St Kendallville Ind
 VARLAR United Wallpaper Inc PO Box 348 Aurora Ill
 VARLAR STAINPROOF Varlar Div United Wallpaper Inc 6154 Merchandise Mart Chicago 54 Ill
 VATU American Rust Proof Co 302 Butler St Brooklyn NY
 VEE BREEZE Vee Breeze Aluminum Awning Co 628 Huron St Toledo 4 Ohio
 VEL-GLO Wethrill (George D) & Co Inc 113 Arch St Philadelphia 6 Pa
 VEL-KOTE Wethrill (George D) & Co Inc 113 Arch St Philadelphia 6 Pa
 VEL-LUSTRE Wethrill (George D) & Co Inc 113 Arch St Philadelphia 6 Pa
 VEL-SPONE Mobile Paint Mfg Co PO Box 1686 Mobile Ala
 VELITE Mobile Paint Mfg Co PO Box 1686 Mobile Ala
 VELOCITY POWER DRIVE Velocity Power Tool Co 201 N Braddock Ave Pittsburgh 8 Pa
 VELV-O-CAP Crofoot Mfg Co 217 Evergreen Mt Prospect Ill
 VELVETEX Mosaic Tile Co 1949 Pershing Ave Zanesville Ohio
 VELVETONE Globe Paint Works Inc 202 Market St Williamsport 5 Pa
 VELVEX Blue Ridge Glass Corp Kingsport Tenn
 VELVEX Libbey-Owens-Ford Glass Co 608 Madison Ave Toledo 3 Ohio
 VEN-TROL Grand Rapids Hardware Co 560 11th St NW Grand Rapids 2 Mich
 VEN-TROL-HINGES Grand Rapids Hardware Co 560 11th St NW Grand Rapids 2 Mich
 VENETIAN-SCREEN Flex-O-Glass Inc 1100 N Cicero Ave Chicago 81 Ill

VENI-FLEX Consolidated Venetian Blind Co 2401 Nicholson St Houston 8 Texas
 VENI-SHADE Consolidated Venetian Blind Co 2401 Nicholson St Houston 8 Texas
 VENKO Koven & Bro Inc 154 Ogden Ave Jersey City 7 NJ
 VENKO Waterfilm Boilers Inc 35-40 New York Ave Jersey City NJ
 VENT-A-HOOD Vent-A-Hood Co 1907 Plantation Dr Dallas 19 Texas
 VENT-AIR National Screen Co Inc Madison Ave Extended Suffolk Va
 VENTLOCK Ventilite Corp 5556 Biscayne Blvd Miami 37 Fla
 VEOS Porcelain Enamel Prods Corp Bay State Rd Rehoboth Mass
 VER-A-SIL Verflex Sales Corp 115-117 Moonachie Carlsbad NJ
 VER-A-SPRAY Verflex Sales Corp 115-117 Moonachie Carlsbad NJ
 VERI-LUX Verflex Sales Corp 115-117 Moonachie Carlsbad NJ
 VERIPLY Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 VERITHIN Eagle Pencil Co 703 E 13th St New York 9 NY
 VERPERL Western Mineral Prods Co 1720 Madison NE Minneapolis Minn
 VERMICULITE Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
 VERNONTOWN Vernontown Mfg Co Inc 338 W Lincoln Ave Mount Vernon NY
 VERSA Locke Mfg Co Ohio St Lodi Ohio
 VERSATILE SAW Henninger Machine Co Inc Water Street Henniker N H
 VERSA-VISE Will-Burt Co 202 S Main St Orrville Ohio
 VESTA Athens Stove Works Inc Hicks St Athens Tenn
 VIBRA-LOCK Williams Form Engineering Corp 1501 Madison Ave Grand Rapids Mich
 VIBRO-GRAVER Burgess Vibrocrafters Inc Grayslake Ill
 VIBRO-SPRAYER Burgess Vibrocrafters Inc Grayslake Ill
 VIBRO-TOOL Burgess Vibrocrafters Inc Grayslake Ill
 VIC-DAR Victor Adding Machine Co 3900 N Rockwell St Chicago Ill
 VICTOR Stanley (William W) Co Inc 401 Broadway New York 13 NY
 VICTOR Victor Prods Corp 901 Pope Ave Hagerstown Md
 VICTOR Victor Saw Works Inc 10 Cottage Place Middletown N Y
 VICTORIA Bestwick-Goodell Co 50 Jefferson Newark Ohio
 VICTORY Tubbs Cordage Co 200 Bush St San Francisco Calif
 VIGORO Swift & Co Plant Food Div 4115 S Packers Chicago 9 Ill
 VIKING Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 VIKING Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa
 VIKING Viking Air Conditioning Corp 5601 Walworth Ave Cleveland 2 Ohio
 VIMLITE Arvey Corp 3482 N Kimball Ave Chicago 18 Ill
 VINALOID Cheeseman-Elliott Co Inc 645 Kent Ave Brooklyn 11 N Y
 VINA-LUX Asrock Prods Div Uvalde Rock Arsenal Co Box 531 San Antonio 6 Tex
 VINYL GLO Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich
 VINYL KOTE Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich
 VISIONAIRE Silvray Lighting Inc 100 W Main St Bound Brook N J
 VISTA Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio
 VISUAL EDUCATION BLIND Mackin Venetian Blind Co 300 W 6th St Muncie Ill
 VISUALIER Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 23 Ill
 VITA-LUX Vita-Var Corp 10 Commerce Ct Newark N J
 VITA-VAR Vita-Var Corp 10 Commerce Ct Newark N J
 VITACHROME Tile-Tex Div Flintkote Co 1200 McKinley Ave Chicago Heights Ill
 VITAL-CALKER Vital Mfg Co 7500 Quincy Ave Cleveland 4 Ohio
 VITE O'Brien Corp 101 N Johnson St South Bend 21 Ind
 VITRALITE Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
 VITRAMIC Ruleroid Co 500 5th Ave New York 36 N Y
 VITRI-BLOCK Reno Press Brick Co PO Box 116 Reno Nev
 VITRIFLEX Serviced Prods Corp 6051 W 51th St Chicago 38 Ill
 VITRO-PLAS Lustrro Tile Mfg Co 1066 Home Ave Akron 10 Ohio
 VITROCK Davidson Enamel Prods Inc 800 E Kibby St Lima Ohio
 VITROLENE Minnesota Paints Inc 1101 Third St Minneapolis Minn
 VITROLINER Condensation Engineering Co 3511 W Potomac Ave Chicago 51 Ill
 VITROLITE Libbey-Owens-Ford Glass Co Nicholas Bldg Toledo 3 Ohio
 VIXEN Heller Bros Co Heller Dr Newcomers-town Ohio
 VL-CHEK Vlchek Tool Co 3001 E 87th St Cleveland 4 Ohio
 VOGUE Vogue Mfg Co 2311 Taylor St Fort Wayne 6 Ind

VOGUE-LITES Bultveller Co Inc 43-34th St Brooklyn 32 N Y
 VOORHEES American Rubber Prods Corp 151 E 50th St New York 22 N Y
 VORCO Vorse Co 147 Meadow Rd Rutherford N J
 VORCRETE Vorse Co 147 Meadow Rd Rutherford N J
 VORLAC Vorse Co 147 Meadow Rd Rutherford N J
 VORNADO Sutton (O A) Corp 1812 W 2nd Wichita Kan
 VORNABEL Vorse Co 147 Meadow Rd Rutherford N J
 VORSEAL Vorse Co 147 Meadow Rd Rutherford N J
 VUDOR Hough Shade Corp 1293 S Jackson St Janesville Wis
 VULCAN Vulcan Electric Co 88 Holten St Danvers Mass
 VULCAN Vulcan Tool Mfg Co 41 Liberty St Quincy 69 Mass
 VULCANITE Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
 VULCATEK Horn (A C) Co Inc 252 Townsend St San Francisco Calif
 VULCO Vulcan Metal Prods 2801 6th Ave S Birmingham Ala
 VULCO SCREEN DURA DOOR Vulcan Metal Prods 2801 6th Ave S Birmingham Ala
 VULCO STORM DURA DOOR Vulcan Metal Prods 2801 6th Ave S Birmingham Ala

W

WABASH Wabaah Screen Door Co 310 S Michigan Ave Chicago 4 Ill
 WACO SPEEDLOCK Waco Mfg Co 3565 Wooddale Ave Minneapolis Minn
 WADCO WINDOWS Wadsworth Millwork Corp 121 W Walnut Wadsworth Ohio
 WAGNER Wagner Electric Corp 6400 Plymouth Ave St Louis 14 Mo
 WAKKO Warren-Knight Co 136 N 12th St Philadelphia 7 Pa
 WALCO Walworth Co 60 E 42nd St New York 17 N Y
 WALCREST Stamford Wallpaper Co Inc Taylor & Manin Sts Stamford Conn
 WALCREST WAL-PASTE Stamford Wallpaper Co Inc Taylor & Manin Sts Stamford Conn
 WALDORF Waldorf Heater Co 1421 Chestnut St Philadelphia 2 Pa
 WALTER JACKS Superior Scaffold Co 5624 Bankfield Ave Culver City Calif
 WALKOVER Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 N Y
 WALL Wall Rope Works Inc 48 South St New York 5 N Y
 WALL ALERT Wall Rope Works Inc 48 South St New York 5 N Y
 WALL-LITE Wallace Mfg Co 10th & Fayette N Kansas City Mo
 WALL PASTIN Moore (Benjamin) Co 511 Canal St New York 13 N Y
 WALL-TEX Columbus Coated Fabrics Corp Seventh & Grant Aves Columbus 16 Ohio
 WALLHIDE Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
 WALLMASTER Continental Aluminum Corp 8 Kenroy N J
 WALLSTON Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
 WALLTAX Hayes Adhesives Co Inc Union Blvd at Brown St Louis 15 Mo
 WALLTUF United States Plywood Corp 55 W 44th St New York 36 N Y
 WALLY Wall (P) Mfg Co 200 Erie St Grove City Pa
 WALNUT FARM BUILDINGS GBH-Way Homes Inc Walnut Ill
 WALSEAL Walworth Co 60 E 42nd St New York 17 N Y
 WALTON Abbeon Supply Co 179-15 Jamaica Ave Jamaica 33 N Y
 WALVET Cleveland Cleaner & Paste Co 7275 Neville Ave SW Cleveland 2 Ohio
 WALWORTH Walworth Co 60 E 42nd St New York 17 N Y
 WAMPUM BRAND Lastic Prods Co Inc 203 Iroquois Bldg Pittsburgh 13 Pa
 WANDA Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md
 WARD LA FRANCE Ward La France Truck Corp Grand Central Ave Elmira N Y
 WARDROODOR Angel Novelty Co 340 Broad St Fitchburg Mass
 WARE Ware Laboratories Inc 3700 NW 25th St Miami Fla
 WARETITE Ware Laboratories Inc 3700 NW 25th St Miami Fla
 WARM MORNING Locke Stove Co 114 W 11th St Kansas City 5 Mo
 WARNER ACCURACY Warner Mfg Co 801 16th Ave SE Minneapolis Minn
 WASCO COP-R-TEX Wasco Flashing Co 87 Fawcett St Cambridge Mass
 WASCO FABRICOTE Wasco Flashing Co 87 Fawcett St Cambridge Mass
 WASCOLITE Wasco Flashing Co 87 Fawcett St Cambridge Mass
 WASHINGTON LINE Washington Steel Prods 1940 E 11th St Tacoma 2 Wash
 WASTE KING PULVERATOR Given Mfg Co 3301 Fruitland Ave Los Angeles 58 Calif

WATAUGA BRAND Graybeal (C R) & Sons PO Box 123 Rose Mountain Tenn
 WATER BOY Zierden Mfg Co 2815 Kinnickinnic Milwaukee 7 Wis
 WATER RINSABLE Wilson-Imperial Co 115 Chestnut St Newark 5 NJ
 WATER SPAR Pittsburgh Plate Glass Co 632 Fort Duquesne Blvd Pittsburgh 22 Pa
 WATER-STOP American Sta-Dri Co 4619 38th St Brentwood
 WATERBURY Waterman-Waterbury Co 1121 Jackson St N Minneapolis Minn
 WATERFILM Koven & Bro Inc 154 Ogden Ave Jersey City 7 NJ
 WATERFILM Waterfilm Boilers Inc 36-46 New York Ave Jersey City NJ
 WATERFLEX Whitlock Cordage Co 46 South St New York 5 NY
 WATERFOG Rockwood Sprinkler Co 38 Harlow St Worcester 5 Mass
 WATERFOIL Horn (A C) Co Inc 252 Townsend St San Francisco Calif
 WATLING Woodenware Prods Corp 122 N 7th St St Louis 1 Mo
 WAX LINE Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
 WAXER KING Atlas Floor Surfacing Machinery Co 248 E 34th St New York 16 NY
 WAXMASTER Atlas Floor Surfacing Machinery Co 248 E 34th St New York 16 NY
 WAXOFF Chalk Chemical Co 351 E 2nd St Los Angeles Wis Calif
 WAX-STRIP Johnson (S C) & Co Inc 1525 Howe St Racine Wis
 WAYLITE Waylite Co 20 N Wacker Dr Chicago 6 Ill
 WAYNE Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind
 WEAR-KOTE Camp Co Inc 6968 S State Chicago 21 Ill
 WEAR-MASTER Standard Industrial Prods 1590 Park St Evansville 4 Ind
 WEATH-R-SEAL WASHER Fabricated Prods Co Inc Water St West Newton Pa
 WEATHER-MASTER Standard Industrial Prods 1590 Park St Evansville 4 Ind
 WEATHER-SEAL Weather-Seal Inc 23 Houston St Barboursville Ohio
 WEATHER-SHIELD Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
 WEATHER-TEX Bird & Son Inc 47 Wilson St East Walpole Mass
 WEATHER-TIGHT Evans Pipe Co 23 Newport Ave Uhrichville Ohio
 WEATHER-TITE Ives (H B) Co 5 Artisan St New Haven 8 Conn
 WEATHERLOK Johns-Manville Corp 22 E 40th St New York 12 NY
 WEATHERMAN Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
 WEATHERMARK Denison Corp 1890 NE 146th St North Miami 6 Fla
 WEATHERMASTER Johns-Manville Corp 22 E 40th St New York 12 NY
 WEATHERPROOF Weatherproof Prods Corp Waldo Sta Box 8498 Kansas City 5 Mo
 WEATHERWOOD United States Gypsum Co 300 W Adams Chicago 6 Ill
 WEBERWAL Weber Showcases & Fixture Co 5790 Avalon Blvd Los Angeles 54 Cal
 WEBRIB Webrib Steel Corp 120 Broadway New York 6 NY
 WEBSTER GAS UNIT HEATERS Webster (Warren) & Co 17th & Federal Sts Camden 5 NJ
 WEBSTER MODERATOR CONTROLS Webster (Warren) & Co 17th & Federal Sts Camden 5 NJ
 WEBSTER-NESBITT UNIT HEATERS Webster (Warren) & Co 17th & Federal Sts Camden 5 NJ
 WEBSTER SYLPHON Webster (Warren) & Co 17th & Federal Sts Camden 5 NJ
 WEBSTER TRU-PERIMETER HEATING Webster (Warren) & Co 17th & Federal Sts Camden 5 NJ
 WEBSTER WALVECTOR CONNECTORS Webster (Warren) & Co 17th & Federal Sts Camden 5 NJ
 WEDGE TIGHT Calder Mfg Co 630 N Prince St Lancaster 12 Pa
 WEATHERTITE Johns-Manville Corp 22 E 40th St New York 12 NY
 WEBLITE Roanoke Webster Brick Co Inc PO Box 780 Roanoke Va
 WEBHART Henry Wels Mfg Co 941 Oak St Elkhart Ind
 WEIRTEL Henry Wels Mfg Co 941 Oak St Elkhart Ind
 WEIRWAY Henry Wels Mfg Co 941 Oak St Elkhart Ind
 WEISWAY VITRECEPTOR Henry Wels Mfg Co 941 Oak St Elkhart Ind
 WEL-BILT Wel-Bilt Prods Co Box 95 Memphis 1 Tenn
 WEL BILT Hueck & Gerhardt "G" & Luzerne Sts Philadelphia 21 Pa
 WELBILT Welbilt Stove Co Inc 57-18 Flushing Ave Maspeth L I NY
 WELD-BILT West Bend Equipment Corp 290 S Water St West Bend Wis
 WELDBOND United States Plywood Corp 55 W 44th St New York 36 NY
 WELD-TITE PRIMER Minnesota Paints Inc 1101 Third St S Minneapolis Minn
 WELDED FENCE Gilbert & Bennett Mfg Co 600 Miller Ave Georgetown Conn
 WELDMASTER Lewis-Shepard Prods Inc 125 Walnut St Watertown 72 Mass

WELDEX United States Plywood Corp 55 W 44th St New York 36 NY
 WELWOOD United States Plywood Corp 55 W 44th St New York 36 NY
 WELL WORTH Wooster Brush Co 600 Madison Ave Wooster Ohio
 WELSH The Commercial Paste Co Buttes at Michigan Columbus 8 Ohio
 WESCO Western Chain Co 1807 Belmont Ave Chicago 18 Ill
 WESGLAS Wessels Co 1625 E Euclid Ave Detroit 11 Mich
 WESIX Wesix Electric Heater Co 290 First St San Francisco Calif
 WESSELS Wessels Co 1625 E Euclid Ave Detroit 11 Mich
 WEST WIND West Wind Corp 1800 Airport Way Seattle 4 Wash
 WESTERN-HOLLY Western Stove Co Inc 8536 Hays St Culver City Calif
 WESTON Round (David) & Son Inc PO Box 9832 Cleveland 22 Ohio
 WEVELITE Insulate Div Minnesota & Ontario Paper Co 509 Baker Arcade Minneapolis 2 Minn
 WEYERHAEUSER 4-SQUARE Weyerhaeuser Sales Co 1st National Bank Bldg St Paul 1 Minn
 WHALE Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 WHEELER Wheeler-Arnold Co Wittenberg Wis
 WHEEL-IT Heweke Industries 820 Vivian St Longmont Colo
 WHIRLOUT Swartwout Co 18511 Euclid Ave Cleveland Ohio
 WHIRLWIND Chase Turbine Mfg Co Orange Mass
 WHITCO Whitney (Vincent) Co PO Box 335 Sausalito Calif
 WHITE-CLAD Lufkin Rule Co 1730 Hess Ave Saginaw Mich
 WHITE CROSS National Stamping & Electrical Works 2215 Clark Ave St Louis 3 Mo
 WHITE GUAMBA Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich
 WHITE OAK Shuford Mills Inc PO Drawer 340 Hickory NC
 WHITE-RODGERS White-Rodgers Electric Co 1209 Cass Ave St Louis 6 Mo
 WHITE ROSE York Wall Paper Co 750 Linden Ave York Pa
 WHITE SEAL Chicago Paints Inc 4500 W 14th Chicago 23 Ill
 WHITESTONE Old American Roofing Mills 7690 Truman Rd Kansas City Mo
 WHITESTONE Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 WHITE-TAPES Evans & Co 400-416 Trumbull St Elizabeth NJ
 WHITE TOP Johns-Manville Corp 22 E 40th St New York 12 NY
 WHITE'S IMPROVED White (David) Co 315 W Court St Milwaukee Wis
 WHITING-ADAMS Whiting-Adams Co Inc 700 Harrison Ave Boston 18 Mass
 WHITNEY Whitney (Baxter D) & Son Inc Whitechapel St Weymouth St
 WHIZ SAWS Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 WIL-BOND Wilson-Imperial Co 115 Chestnut St Newark 5 NJ
 WILCO Wilson-Imperial Co 115 Chestnut St Newark 5 NJ
 WILCO Wide Drop Forge & Tool Co 2942 Fairmount Ave Kansas City 8 Mo
 WILL-BURT Will-Burt Co 202 S Main St Orrville Ohio
 WM PENN Fittler (Edwin H) Co Devereaux & Minor Philadelphia 24 Pa
 WILLIAMSGROVE Milliken Brick Co 2100 Mosler St Piquette 21 Pa
 WILMAC Busch (A G) & Co Inc 2632 N Central Ave Chicago 39 Ill
 WILMAC Wilmac Metal Prods 2632 N Central Ave Chicago 39 Ill
 WILMINGTON Wilmington Casting Co 258 Charles St Wilmington Ohio
 WILSON Media Machine Works Inc 620 Park Ave Media Pa
 WILSON Wilson Saw Div Media Machine Works 620 Park Ave Media Pa
 WILWEAR Turner & Seymour Mfg Co Lawton St Torrington Conn
 WIN-DOR Casement Hardware Co 612 N Michigan Ave Chicago 13 Ill
 WIN-TRIM Winton Lumber Sales Co 2600 Foshay Tower Minneapolis 2 Minn
 WIND-WAY Stewart (S J) Electric Co 527-531 St Joseph New Orleans 12 La
 WINDALUME Windalume Corp Rte 46 Kenvil NJ
 WINDMASTER Acme Equipment Co 213 E Broadway Muskegon Okla
 WINDO-GRILLE Tennessee Fabricating Co 1490 Grimes St Memphis Tenn
 WINDO-WIZARD Rene-Craft Prods 406 Linden Ave Wilmette Ill
 WINDOW CLEEN Standard Industrial Prods 1500 Park St Evansville 4 Ind
 WINDOW-TEX Flex-O-Glass Inc 1100 N Cicero Ave Chicago 51 Ill
 WINDOW WONDER TOOL Rene-Craft Prods 406 Linden Ave Wilmette Ill
 WINDOWWALLS Andersen Corp Bayport Minn
 WINGFOOT Goodyear Tire & Rubber Co 1485 E Archwood Akron 15 Ohio
 WINONA TRAVERTINE Biesanz Stone Co Winona Minn

How Timken Silent Automatic heating equipment helps you sell homes faster!

Home Buyers Are Especially Brand Conscious Today! That's Why It Pays Off—In Faster, Easier Sales—When You Build Timken Silent Automatic Units Into Your New Houses!

Yes, years of building fine products, plus years of national advertising, backed by aggressive sales promotion have made the Timken Silent Automatic name a standard of top quality for home buyers. This means that heating units that carry this name help create faster acceptance for your houses.

Timken Silent Automatic Heating Means Buyer Satisfaction over the Years! Top-quality materials and finest engineering standards are part of the time-tested Timken Silent Automatic tradition. These units stand up year after trouble-free year. Make friends for you as a builder.

Our Plans Engineering Department Helps You with Heating Layouts! Here's a handy service that can mean extra money in your pocket. Timken Silent Automatic service engineers will help with your heating plans! They will be glad to suggest exact unit, size and shape, from our full range to fit your exact need. Help you avoid costly waste, over-buying.

Ask About the "Development Builder Plan." Whether you are building one house or 50, there is Timken Silent Automatic heating equipment to suit your needs, and at a profitable price for your project. If you are specifying for a group of housing units, be sure to ask for details of the Timken Silent Automatic "Development Builder Plan."



Closet-Size GFK-100 Counter-Top Gas Furnace. Ideal for small slab or crawl-space houses. Three sizes, from 75,000 to 125,000 BTU. 66 inches high, 29 inches deep, from 16 $\frac{3}{4}$ inches to 23 $\frac{3}{4}$ inches wide.

Modern Home Special. The compact OFH-80 Oil Furnace! Complete in fully-integrated, accurately balanced unit. 26 inches sq. by 66 inches high. Saves space, saves installation costs. No noise, no rear. Only one moving part in burner.

Thrifty Heater that produces more hot water. Oil-fired OWK-50. Provides 50 gallons hot water per hour. Amazing low-cost operation. Fully automatic. Uses less than four sq. feet of floor area. Comes with all copper heat exchanger.

And these are only three examples from a full line of quality oil and gas heating equipment manufactured by Timken Silent Automatic



Check this coupon for helpful information on heating . . .

Dept. AB-45, Timken Silent Automatic Division
Rockwell Spring & Axle Company, Jackson, Michigan.

Please send me information about

Gas Heating Units Oil Heating Units Oil-Fired Water Heaters

I plan to build _____ houses.

Name _____

Address _____

City _____ State _____

WINSLOW Warren-Knight Co 186 N 12th St Philadelphia 7 Pa
 WINTER SEAL Winter Seal Corp 14875 Meyers Rd Detroit 21 Mich
 WIRE NUTS Ideal Industries Inc 1835 Park Ave Sycamore Ill
 WIRE STRAPPER Renois Typing Machines Inc 1956 N Hawthorne Melrose Park Ill
 WIREDUCT Wiremold Co Hartford 10 Conn
 WIREMOLD Wiremold Co Hartford 10 Conn
 WISCO TRIPLETRACK Wisco Aluminum Corp 3945 "A" St Detroit Mich
 WISCONSIN KNIGHT Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 WISCONSIN KNIGHT Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich
 WISS Wis (J) & Sons Co 11-45 Littleton Newark 7 NJ
 WISSOTA Wisconsin Mfg Co 1801 S Third St Minneapolis Minn
 WITT Witt Cornice Co 2118 Winchell Ave Cincinnati 14 Ohio
 WITTE Witte Engine Works Div Oil Well Supply Co 1600 Oakland Ave Kansas City 26 Mo
 WIZARD Boyle-Midway Inc 22 E 40th St New York 16 NY
 WIZARD Woodenware Prods Corp 122 N 17th St St Louis 1 Mo
 WOLMANIZED American Lumber & Treating Co 332 S Michigan Ave Chicago 4 Ill
 WONDRAIRE Cox Mfg Co N Walnut St Ridgeville Ind
 WONDER Construction Machinery Co 420 Vinton St Waterloo Iowa
 WONDER-PASTE Wilson-Imperial Co 115 Chestnut St Newark 5 NJ
 WOOD Plumbers Woodwork Co Box 157 Algona Wis
 WOOD-LOOM De Jong Inc 34-23 36th St Long Island City 1 NY
 WOOD-MOSAIC Parkay Inc 5090 Crittenden Dr Louisville 9 Ky
 WOOD-NU STAIN Minnesota Paints Inc 1101 Third St S Minneapolis Minn
 WOOD-REM Speco Inc 7308 Associate Ave Cleveland 9 Ohio
 WOOD-VAR Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
 WOODALL GLIDE-ALL Woodall Industries Inc 3500 Oakton Ave Skokie Ill
 WOODCO General Woodcraft Co Inc 3323 Paterson Road N Bergen NJ
 WOODFORD Woodford Hydrant Co 1626 Delaware Ave Des Moines 17 Iowa
 WOODSULITE Gold Seal Asphalt Roofing Co PO Box 302 Chicago Heights Ill

WOODTEX Certain-Teed Prods Corp 120 E Lancaster Ave Ardmore Pa
 WOODTOX-WOODFIX Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo
 WOOSTER SEAL-KOTE Wooster Finishes Corp Wooster Ohio
 WORSHAM Worsham Co Inc 808 Ocean Center Long Beach 2 Calif
 WRAP-DRI Thilmany Pulp and Paper Co Thilmany Rd Kaukauna Wis
 WRIGHT Wright Hoist Div American Chain & Cable Co York Penn
 WRIGHTX Wright Mfg Co PO Box 6567 Houston 5 Texas
 WRIGHT ON TOP Wright Mfg Co PO Box 6567 Houston 5 Texas
 WRIGHTFLOR Wright Mfg Co PO Box 6567 Houston 5 Texas
 WRIGHT SAFEWAY Wright Hoist Div American Chain & Cable Co York Pa
 WYR-O-GLASS Flex-O-Glass Inc 1100 N Cleere Ave Chicago 51 Ill
 WYTELINER Guth (Edwin F) Co 2615 Washington St Louis 3 Mo

YEAR-ROUND HOME WEATHERMAKER Carrier Corp 302 S Geddes St Syracuse 1 NY
 YEAROUND AIRCONDITIONING Williamson Heater Co 3500 Madison Rd Cincinnati 9 Ohio
 YELLOW END Saint Paul Corrugating Co S End Wabasha St St Paul 1 Minn
 YELLOW-FLASH Justrite Mfg Co 2061 N Southport Ave Chicago 14 Ill
 YELLOW STRAND Broderick & Bascom Rope Co 4203 Union Blvd St Louis 15 Mo
 YORKBEST Heilig Bros Co 24 W North York Pa
 YORKTOWNE KITCHENS Colonial Prods Co Broad & Park Sta Dallastown Pa
 YOUNG FLUSH DOORS Young Wood Prods Co PO Box 166 Novi Mich
 YOUNGTOWN KITCHENS Mullins Mfg Corp University St Warren Ohio

Z

Z-BAR-VENT Superior Window Co 5300 NW 37th Ave Miami Fla
 Z-CRETE Zonolite Co 135 S LaSalle St Chicago 3 Ill
 ZACK-O MIX Concrete Weld Co 5186 E Coldwater Flint Mich
 ZEBRA-GLO Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
 ZEBRA STRIPE Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
 ZEEN-X United States Gypsum Co 300 W Adams St Chicago 6 Ill
 ZEGERS DURA-SEAL Zegers Inc 8099 S South Chicago Ave Chicago 17 Ill
 ZEOTONE Calgon Inc 323 Fourth Ave Pittsburgh Pa
 ZEPHAIR Hunter Fan & Ventilating Co 409 S Front St Memphis 2 Tenn
 ZEPHYR Flat Metal Mfg Co 9391 W Belmont Ave Franklin Park Ill
 ZEPHYRLITE TROWELS Nicholls Mfg Co Ottumwa Iowa
 ZEPHYR TYPE SHAKES Cres-Dipt Co Inc 986 Oliver St N Tonawanda NY
 ZERO Johns-Manville Corp 22 E 40th St New York 16 NY
 ZEROLITE Johns-Manville Corp 22 E 40th St New York 16 NY
 ZEROPAK McQuay Inc 1600 Broadway N E Minneapolis Minn
 ZETLAN Wayne Chemical Prods Co Copeland & MCRR Detroit 17 Mich
 ZINGLAD Maze (W H) Co Church St & River Pers Ill
 ZIP-LIFT Harnischfeger Corp 4400 W National Ave Milwaukee 46 Wis
 ZONATILE Zonolite Co 135 S LaSalle St Chicago 3 Ill
 ZONING WEATHERMAKER Carrier Corp 302 S Geddes St Syracuse 1 NY
 ZONOLITE Texas Vermiculite Co 813 Airport Blvd Austin Texas
 ZONOLITE Zonolite Co 515 Madison St Kansas City Mo
 ZONOLITE Western Mineral Prods Co 1720 Madison NE Minneapolis Minn
 ZONOLITE Zonolite Co 135 S LaSalle St Chicago 3 Ill
 ZOURITE Kawneer Co 1105 N Front St Niles Mich
 ZURN Zurn (J A) Mfg Co Erie Pa

X

X-CELL-ALL National Chemical & Mfg Co 3617 S May St Chicago 9 Ill
 X-DUCT National Electric Prods Corp 2 Gateway Center Pittsburgh 22 Pa
 X-DUCT JR National Electric Prods Corp 2 Gateway Center Pittsburgh 22 Pa
 X-IT The Sullivan Co 212 E Trigg Memphis Tenn
 X-PANDOSEAL X-Pando Corp 43-15 36th St Long Island City 1 NY
 X-PANDOTITE X-Pando Corp 43-15 36th St Long Island City 1 NY
 XTRALITE Marshalltown Trowel Co 112 S 8th Ave Marshalltown Iowa
 XTRU-LITE Maves Tool and Mfg Co Fort Austin Mich

Y

YALE Yale & Towne Mfg Co 11000 Roosevelt Philadelphia 15 Pa
 YANKEE North Bros Mfg Co Div Stanley Tools 228 Lehigh Ave Philadelphia 33 Pa
 YANKEE FIBER Color-Craft Prods Inc 5035 Belleville Detroit 11 Mich
 YANKEE HILL Yankee Hill Brick Mfg Co 728 Stuart Bldg Lincoln 8 Neb

KOHLER Electric Plants
 provide low-cost power
 where the work is done



Save expense and bother of temporary power line hook-ups. Portable Kohler Electric Plant provides power anywhere, any time, for saws, drills, planers, grinders, plumbers' pipe threaders and cutters. Develops 1500 watts AC. Engineered by Kohler throughout. Two-wheel, rubber-tired hand truck available. Sizes, 500 watts to 35 KW. Write for folder C-6.

Kohler Co., Kohler, Wisconsin
 Established 1873

MODEL 1.5M23, 1500 watts,
 115 volt AC, Manual starting.
 Weight 130 pounds.
 Also 115 volt DC weighing 101 pounds.

KOHLER OF KOHLER

PLUMBING FIXTURES • HEATING EQUIPMENT • ELECTRIC PLANTS
 AIR-COOLED ENGINES • PRECISION CONTROLS

**men over
 45**

More than six times as many men of your age will die of lung cancer this year as died in 1933. Our research scientists still don't know why.

They do know, however, that over half of those who will develop lung cancer can be saved... if they get proper treatment while the disease is still in the silent, symptomless stage. That's why we urge you to have a chest X-ray every six months no matter how well you may feel.

For more information call us or write to "Cancer", care of your local Post Office.

American Cancer Society





Freedom Homes, Newport Vista, Costa Mesa, Calif.

NEARLY 9300 MAN-HOURS SAVED
IN BUILDING THESE 618 HOMES

....Thanks to Steel Windows

Want to reduce your building costs? Then take a tip from one of the nation's most successful builders of economy-priced homes. He's Herbert Kronish, president of Republic Construction Corp., since 1951 the builder of 6000 homes in Southern California, Nevada, Arizona, Idaho and Oregon. By using packaged steel-casement windows exclusively, Mr. Kronish estimates that he saves 15 man-hours per house—that's 9270 man-hours saved in the Costa Mesa tract alone!

Thanks to the ease of installation and low initial cost of steel windows, plus a host of other economies, Mr. Kronish's houses sell for astonishingly low prices—the 4-bedroom model for \$8995. As to whether the houses *move*, the 618 units at Costa Mesa were sold out in just two weeks.

Aside from economy, Mr. Kronish gives two other important *plus* values of steel windows: first, their clean lines blend harmoniously with contemporary architecture; and second, home buyers know that strong, durable steel windows require a minimum of upkeep.

Before you build, be sure to get all the facts on steel windows. Ask your local building supply dealer, or see Sweet's File 16b.

For many years, manufacturers of quality steel windows have used solid, hot-rolled sections of open-hearth steel produced by Bethlehem.

BUILD FASTER...SELL FASTER WITH

STEEL WINDOWS



PLENTY OF EYE APPEAL . . . Big picture windows are a major sales feature of his houses, says Mr. Kronish. You'll find a wide range of steel windows available locally, including residential casements, ranch windows and window-wall units, as well as many types of industrial and commercial windows. They come factory-assembled, Bonderized and prime painted, with inside-outside trim, if desired.

BETHLEHEM STEEL COMPANY
BETHLEHEM, PA.

On the Pacific Coast Bethlehem products are sold by Bethlehem Pacific Coast Steel Corporation, Export Distributor; Bethlehem Steel Export Corporation



WALLPAPER...

for a luxury touch that really speeds sales!"

says **T. J. Culligan, Jr.**,
Culligan Development Co.,
San Mateo, California.

"Wallpaper," says Mr. Culligan, "gives our homes a luxury touch . . . it really speeds sales! We use it in all our developments from low-cost to luxury homes."

The Culligan Development Company, like other experienced builders throughout the country, has found that wallpaper pays off in higher profits and quicker sales. Visit your wallpaper supplier and see for yourself how wallpaper combines color, pattern and texture in a way which will give warmth and individuality to your model home.

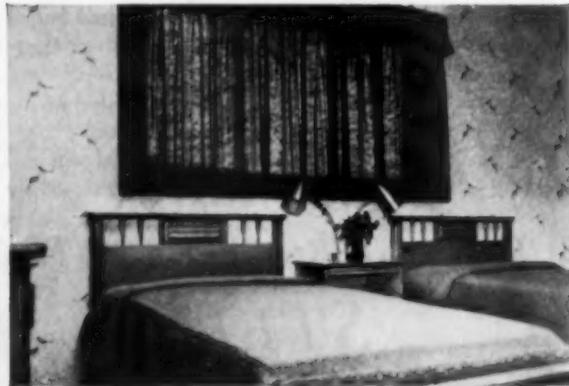
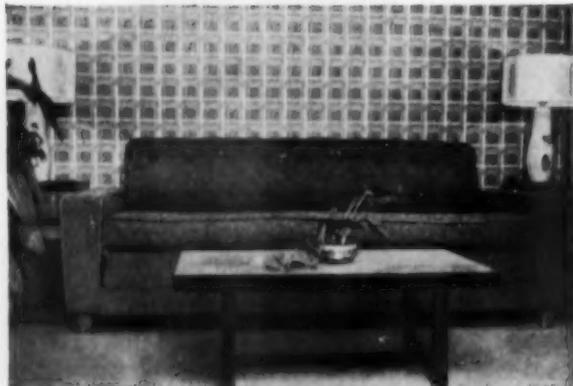


In home building too . . .

Wallpaper is Smart!

WALLPAPER COUNCIL

509 Madison Avenue, New York 22, N. Y.



SECTION II

Alphabetical List of Building Products and Equipment Manufacturers

IN THIS SECTION II, building products and equipment are listed in alphabetical order with the manufacturers of these products and equipment listed under the appropriate titles. No cross references have been used in this section. The editors feel that the readers of the *American Builder* are well acquainted with the terms employed in the

building industry and can lead themselves to the items in this directory. The principal proper nouns or classifications are the key words used in forming the alphabetical lists; for example, wood double hung windows are listed as—

▶ WINDOWS, DOUBLE HUNG, WOOD

The names of manufacturers who advertise in *American Builder* are printed in boldface

▶ ABRASIVE PAPER & CLOTH

Abrasive Products Inc 100 Pearl St So Braintree Mass
AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
 Armour & Company Adhesive Div 1355 W 31st St Chicago 9 Ill
 Atlas Abrasives Corp 461 12th St Brooklyn 15 NY
 Bay State Abrasive Products Co Union St Westboro Mass
 Bohr-Manning Corp Div Norton Co 1360 Howe St Troy NY
 Carborundum Co Buffalo Ave Niagara Falls NY
 Clover Mfg Co 333 Main St Norwalk Conn
 Lacton Gline Mfg Co 611 Broadway New York 12 NY
 Mid-West Abrasive Co 510 W Washington S Owosso Mich
 Minnesota Mining and Mfg Co 900 Fauquier Ave St Paul 6 Minn
PITTSBURGH PLATE GLASS CO 632 FORT DUGUESNE PITTSBURGH 22 PA
RED DEVIL TOOLS 130 COIT ST IRVINGTON NJ
 Sandpaper Inc 83 E Water St Rockland Mass

▶ ACOUSTICAL MATERIALS

Adel Clay Products Co 1118 Mulberry St Des Moines 9 Iowa
 Air O Cel Co 22900 Woodward Ave Detroit 20 Mich
 Alto Mfg Co 1647 W Wolfram Chicago 13 Ill
 American Bldgk Co 2901 W Pershing Rd Chicago 9 Ill
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 Carolina Vermiculite Co Box 5120 Benning Washington 19 DC
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TED PRODUCTS CORP 120 E LANCASTER AV ARDMORE PA
 Chicago Metallic Sash Co 2112 Ogden Ave Chicago 12 Ill
 Coast Insulating Products 2316 San Fernando Los Angeles 65 Cal
 Columbia Acoustics & Fireproofing Co Stanhope NJ
 Cupples Products Corp 2650 S Hanley Rd St Louis 17 Mo

Curtis Lighting Inc 6135 W 65th St Chicago 38 Ill
DANT & RUSSELL INC 1320 S W BROADWAY PORTLAND 1 OREGON
 Dodson Mfg Co Inc 1463 Barwise Wichita Kans
 E G Building Fasteners Corp 101 Park Ave New York 17 NY
EASTERN MACHINE PRODS CO 1601 WICOMICO ST BALTIMORE 30 MD
EASTERN VENETIAN BLIND CO 1601 WICOMICO ST BALTIMORE 30 MD
 Elof Hansson Inc 220 E 42nd St New York 17 NY
 Hayes Adhesives Co Inc Union Bl at Brown St Louis 16 Mo
INSULITE CO MINNESOTA & ONTARIO PAPER CO 500 BAKER ARCADE MINNEAPOLIS 2 MINN
 Janesville Cotton Mills 220 N Franklin St Janesville Wis
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 18 NY
KEASBEY & MATTISON CO BUTLER AVE AMBLER PA
 Kelley Island Company 1132 Leader Bldg Cleveland 14 Ohio
 Kimberly-Clark Corp 128 N Commercial Neeah Wis
 Lockport Mills Inc Elmwood Ave Lockport NY
 Lok Products Co 5199 San Fernando Los Angeles 39 Cal
 Mid-West Acoustical and Supply 20001 W Lake Rd Cleveland 16 Ohio
NATIONAL ALUMINUM CO COLUMBUS OHIO
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
OWENS-CORNING FIBERGLAS CORP NICHOLAS BLDG TOLEDO 3 OHIO
 Porete Mfg Co Porete Ave N Arlington NJ
REYNOLDS METALS CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
 Rigidized Metals Corp 658 Ohio St Buffalo 3 NY
 Schindler (F E) & Co Inc 504 Railroad St Joliet Ill
 Simpson Logging Co White Bldg Seattle 1 Wash
 Sprayo-Flake Co 2727 W Irving Pk Chicago Ill
 Tach-Fast Mfg Co Lonaconing Md
 Taylor Bedding Mfg Co Taylor Texas
 Texas Vermiculite Co 813 Airport Blvd Austin Texas
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
 Utah Pioneer Corp 333 W 1st St Salt Lake City Utah
 Vermiculite-Northwest Inc 2107 N 34th Seattle Wash
 Wood Conversion Co 1st Natl Bank Bldg St Paul 1 Minn
ZONOLITE CO 135 S LASALLE ST CHICAGO 3 ILL

▶ ADHESIVES

A AND F TILEBOARD CO LEE AND ROY STS ALEXANDRIA LA
 Asbestos Mfg Corp 131 Wabash St Michigan City Ind
 Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Alloy Tile Corp 109 Roosevelt Ave Belleville NJ
 Ambroid Co Box 30 Weymouth 88 Mass
 Amerco Plastics 177 Broadway New York 7 NY
 American Bitumuls & Asphalt Co 200 Bush St San Francisco Cal
 American Rubber Prods Corp 151 E 50th St New York 22 NY
 American Varnish Co 1140 N Branch St Chicago 22 Ill
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 Atlas Mineral Prods Co Mertztown Pa
 Asrock Prods Div Uvalde Rock Asphalt Co Box 531 San Antonio 6 Tex
BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 31 NY
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BIRD AND SON INC 47 WILSON ST EAST WALPOLE MASS
 Bonafide Mills Inc 295 Fifth Ave New York NY
 Borden Co Chemical Div 350 Madison Ave New York 17 NY
BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN
CAROT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
 Cambridge Tile Mfg Co Box 17 Cincinnati 5 Ohio
 Camp Co Inc 6958 S State Chicago 21 Ill

1955 American Builder Directory

THIS, the fifth issue of the annual directory compiled by the *American Builder*, gives the latest and most complete product and data information in the building field. Here contractors, builders, architects, and building material retailers will find information as to building products, their manufacturers, and brand names.

Section I beginning on page 219, is an alphabetical list

of brand names identified with names of manufacturers.

Section II (above) is an alphabetical list of building products and equipment and their manufacturers.

Section III—an alphabetical list of manufacturers' local distributors—a guide to where to buy it locally.

As every effort was made to make these lists as accurate as possible, the *American Builder* cannot be responsible for changes in names, addresses and other discrepancies.

Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Christy Co Inc 5040 Daggett Ave St Louis 10 Mo
 The Commercial Paste Co Buttes at Mich Columbus 8 Ohio
CONGLOMERATE-NAIRN INC 195 BELGROVE DR KEARNY NJ
 Consumers Glue Co 1515 Hadley St Louis 6 Mo
 Crescent Products Co 315 N 14th St Terre Haute Ind
 Dad & Lad Co New Lenox Ill
 Davis Plywood Corp 12555 Berea Road Cleveland 11 Ohio
 Dennis Chemical Co 2701 Papin St St Louis 8 Mo
 DuPont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del
 East Coast Tileboard Corp 41-59 Wyckoff Ave Brooklyn 37 NY
 Firestone Industrial Prods Co 1200 Firestone Pkwy Akron 17 Ohio
 Fletcher Co 35th & Filbert Sts Philadelphia 4 Pa
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
 Fremont Rubber Co 350 McPherson Hwy Fremont Ohio
 Fuller (H B) Co 181 W Kellogg Blvd St Paul 3 Minn
 Gilman Boardtile Corp of America 615 N Aberdeen St Chicago 23 Ill
 Goodrich (B F) Co 500 S Main St Akron 18 Ohio
 Goodrich (B F) Co Flooring Div 38 Nichols Ave Watertown 72 Mass
HACHMEISTER INC PO BOX 357 PITTSBURGH 38 PA
 Hayes Adhesives Co 4159 Union Blvd St Louis 15 Mo
HIGGINS INC PO BOX 8091 NEW ORLEANS LA
INSULITE CO MINNESOTA & ONTARIO PAPER CO 506 BAKER ARCADE MINNEAPOLIS 3 MINN
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 NY
 Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa
 Lasting Products Co Franklinton Rd Baltimore 23 Md
 Lebon Co Madison at 25th Ave Bellwood Ill
 Lino-Paste Co 3521 S Pulaski Rd Chicago 11 Ill
 Lux Co Inc 315 W Franklin St Elkhart 2 Ind
 Madison Glue Corp 206 W 34th St New York 1 NY
MARSH WALL PRODUCTS INC 368 MAIN ST DOVER OHIO
 Mastec Tile Corp of America N Montgomery Newburgh NY
MIDCONTINENT ADHESIVE CO 70 SUNSHINE DR GROVE CITY OHIO
 Mid-West Acoustical and Supply Co 20091 W Lake Rd Cleveland 16 Ohio
 Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
 Minnesota Mining and Mfg Co 900 Fauquier Ave St Paul 6 Minn
MIRACLE ADHESIVES CORP 314 E 53RD ST NEW YORK 22 NY
 Miraflex Tile Co 950 Parsons Ave Columbus 6 Ohio
 Monsanto Chemical Co 100 Monsanto Ave Springfield 2 Mass
 Monsanto Chemical Co Plastic Div 911 Western Ave Seattle 4 Wash
MOORE (GOODLOE E) CO PO BOX 846 DANVILLE ILL
 Mortell (J W) Co 550 N Hobbie Ave Kankakee Ill
MULTILE INC N MONTGOMERY ST NEWBURGH NY
 National Adhesives Div National Starch Prods Inc 268 Madison Ave New York 16 NY
 National Casein Sales 601 W 80th St Chicago 20 Ill
 Nicholson & Co 161 First St Cambridge 42 Mass
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7500 Truman Rd Kansas City Mo
 Pabco Products Inc 475 Brannan St San Francisco Cal
 Patent Cereals Co 13-55 Bradford St Geneva NY
 Pecora Paint Co Inc 4th St & Rdr RR Philadelphia 40 Pa
 Perflex Glue Co 652 Cannon Ave Lansdale Pa
 Pioneer Latex & Chemical Co Inc Lincoln Blvd Middlesex NJ
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE PITTSBURGH 23 PA
 Paisley Products Inc 718 Washington Ave N Minneapolis Minn
 Planterton Wall Board Co 196 Philadelphia Buffalo 7 NY
 Plastics Products Co 6475 Georgia Ave Detroit 11 Mich
 Plywood Co 2707 Tulare Ave Burbank Calif
 Plytex Corp 1731 Klaton Ave Chicago 22 Ill
 Prestile Mfg Co 8550 W Ogden Ave Chicago 50 Ill
 Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill

RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
 Rubber & Plastics Compound Co 30 Rockefeller Pla New York 20 NY
RUBEROID CO 500 5TH AVE NEW YORK 36 NY
 St Regis Sales Corp Panelyte Div 230 Park Ave New York 17 NY
 Sauerstein Cements Co 1045 N Canal St Pittsburgh 15 Pa
 Sealk Chemical Co 351 E 2nd St Los Angeles 12 Cal
 Selck (Walter E) & Co 223 West Hubbard Chicago 10 Ill
 Sheffield Bronze Paint Corp 17814 Waterloo Cleveland Ohio
 Shinglatik 7500 Truman Road Kansas City Mo
 Sisk R J Co New London Conn
 Sloane-Delaware Floor Prods Inc PO Box 401 Trenton 3 NJ
 Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 Ill
 Sullivan Co The 212 E Trigg Memphis Tenn
 Superior Wall Products Co 4401 N American St Philadelphia 40 Pa
 Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
 Tex-A-Panel Mfg Co 10848 Harry Hines Dallas Tex
 Thomas Moulding Floor Co Inc 325 West Huron St Chicago 10 Ill
 Tile-Tex Div Flintkote Co 1200 McKinley Ave Chicago Hts Ill
 Tylac Co Greely & High Sts Monticello Ill
 US Menzel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 United States Rubber Co 1230 Ave of Amer New York 20 NY
 Varlar Div-United Wallpaper Inc 6154 Mide Mart Chicago 54 Ill
 Wallace Mfg Co 10th & Fayette No Kansas City Mo
 Webb Prods Co 216 S G St San Bernardino Cal
 Webster W F Cement Co 224 Thorndike Cambridge 41 Mass
 Wesco Waterpaints Inc Maple St Matteson Ill
 White Adhesives Co 2 Harrington St Newtonville Mass
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
WRIGHT MFG CO PO BOX 6567 HOUSTON 5 TEX

▶ AGGREGATES, LIGHT WEIGHT

Alton Brick Co PO Box 394 Alton Ill
 American Bldrock Co 2001 W Pershing Rd Chicago 9 Ill
 American Perlite Corp Richmond Calif
 American Silica Sand Co Ottawa Ill
 Black (John H) Co 505 Delaware Buffalo 2 NY
 Carolina Perlite Co PO Box 158 Salisbury NC
 Carolina Vermiculite Co Box 5120 Benning Washington 19 DC
 Carter Waters Corp 2440 Pennway Kansas City 8 Mo
CELOTEX CORP 129 S LA SALLE ST CHICAGO 3 ILL
 Cleveland Gypsum Co 1276 W Third St Cleveland 13 Ohio
 Dodson Mfg Co Inc 1463 Barwise Wichita Kans
 Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
 Great Lakes Carbon Corp Perlite Div 612 S Flower Los Angeles 17 Cal
 Gregg Products Co 446 Chestnut S W Gr Rapids 2 Mich
 Hydraulic Press Brick Co 705 Olive St St Louis Mo
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 NY
 Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio
 Maguire Walter Co Inc 60 East 42nd St New York NY
 McNear Brick Co San Rafael Cal
 Midwestern Perlite Corp Oklahoma City Okla
 Munn and Steele Inc Castle Island Term 8 Boston Mass
 Norton Co 1 New Bond St Worcester 6 Mass
 Panacalite Div Combined Metals Reduction Co 202 Felt Bldg Salt Lake City Utah
 Panacalite Perlite Inc 311 S 5th St Kansas City Kans
 Perlite Mfg Co PO Box 478 Carnegie Pa
 Perlite Products Sausalito Calif
 Precast Slab & Tile Co 1367 S Kingshighway St Louis 10 Mo
 Robinson Insulation Co PO Box 1419 Great Falls Mont
 Schunder (F E) & Co Inc 504 Railroad St Joliet Ill
 Silbrico Corp 5901 W 66th St Chicago 38 Ill
 Sisco Vermiculite Mines Ltd 907 Dominion Sq Montreal Que Can
 Sullivan Co The 212 E Trigg Memphis Tenn
 Tennessee Prods & Chemical Corp 509 1st American National Bank Nashville 3 Tenn
 Texas Vermiculite Co 813 Airport Blvd Austin Tex
 Vermiculite Inc 333 W 1st South Salt Lake City Utah
 Vermiculite-Northwest Inc 2107 N 34th Seattle Wash

Virginia Perlite Corp PO Box 687 Hopewell Va
 Waylite Co 20 N Wacker Dr Chicago 6 Ill
 Western Brick Co Danville Ill
ZONOLITE CO 135 S LA SALLE ST CHICAGO 3 ILL
 Zonolite Co 515 Madison St Kansas City Mo

▶ AGITATORS, PAINT

Arlington Corp 668 Jenks Ave St Paul 6 Minn
 Day (J H) Co Harrison & Lyons Ave Cincinnati 22 Ohio
 Devilbas Co 300 Phillips Ave Toledo 1 Ohio
 Fauner Mfg Co Brookside Park Cleveland 9 Ohio
 Harbil Mfg Co 325 W Ohio Chicago 10 Ill
HOLT MANUFACTURING CO 272 BADGER AVE NEWARK 8 NJ
 Holt Mfg Co 669 20th St Oakland 12 Calif
 International Engineering Inc 1200 Bolander Ave Dayton 1 Ohio
 Miller Mfg Co 9425-45 Seymour Ave Schiller Park Ill
 Miracle Paint Rejuvenator Co 500 Robert St St Paul 1 Minn
 Paasche Airbrush Co 1909 W Diversey Pk Chicago 14 Ill
RED DEVIL TOOLS 130 COIT ST IRVINGTON NJ

▶ AIR COMPRESSORS

Binks Mfg Co 3124 W Carroll Ave Chicago 12 Ill
 Brunner Mfg Co 1821 Broad St Utica 1 NY
 C and H Electric Co 436 W Juneau Ave Milwaukee 3 Wis
 Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY
 Davey Compressor Co N Water & Cook St Kent Ohio
 Devilbas Co 300 Phillips Ave Toledo 1 Ohio
 Electric Spray Co Div Thomas Ind 1415 Illinois Ave Sheboygan Wis
 Essick Mfg Co 1950 Santa Fe Ave Los Angeles 21 Cal
 Gardner-Denver Co Gardea & First Ave Quincy Ill
 George (F C) Machine Co 100 S Westmoreland Orlando Fla
GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL
 Hershey Machine & Foundry Co 1940 Miller St Manheim Pa
 Ingersoll-Rand Inc 11 Broadway New York 4 NY
JAEGER MACHINE CO 500 W SPRING ST COLUMBUS 16 O
 Johnson (C S) Co The PO Box 71 Champaign Ill
 Master Mechanic Mfg Co Route 83 Burlington Wis
 Paasche Airbrush Co 1909 W Diversey Pkwy Chicago 14 Ill
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE PITTSBURGH 23 PA
 Portable Electric Tools Inc 320 W 83rd St Chicago 20 Ill
 Saylor-Beal Mfg Co St Johns Mich
 United States Air Compressor Co 5300 Harvard Ave Cleveland Ohio
 Worthington Corp Harrison Worthington Harrison NJ
 Worthington Corp 37 Appleton St Holyoke Mass

▶ AIR CONDITIONERS

Aeme Industries Inc 600 N Mechanic St Jackson Mich
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 Air Temperature Inc 283 Poplar Ave Memphis 3 Tenn
 Amer Blower Corp Div American Radiator & Standard Sanitary Corp Tireman at Rose-lawn Detroit 32 Mich
AMER RADIATOR & STANDARD SANITARY CORP BESSEMER BLDG PITTSBURGH 23 PA
 Anchor Div Stratton Terstegge Co 300 Culbertson Ave New Albany Ind
 Anemostat Corp of America 10 East 39th St New York 16 NY
 Armstrong Furnace Co 851 W 3rd Ave Columbus 8 Ohio
 Automatic Piping Corp 4417 Oleatha Ave St Louis 16 Mo
 Bard Mfg Co Bryan Ohio
 Berger Corp Belle Vernon Pa
 Brunner Mfg Co 1821 Broad St Utica 1 NY
BRYANT HEATER DIV AFFILIATED GAS EQUIPMENT INC 17825 ST CLAIR AVE CLEVELAND 10 OHIO
BUSH MFG CO 179 SOUTH ST WEST HARTFORD CONN
 Carrier Corp 302 S Geddes St Syracuse 1 NY
 Cauhorn Distributing Co 9999 Broadstreet Detroit 4 Mich
COLEMAN CO INC 250 NO ST FRANCIS WICHITA 1 KAN
 Comfort Prods Corp 2220 Lamesa St Dallas Tex

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Coolerator Co The 128 W First St Duluth 1 Minn
Cory Corp Fresh'nd-Aire Co Div 221 N La-Salle St Chicago Ill
Crane Co 836 S Michigan Chicago 5 Ill
CROSLEY DIV AVCO MFG CORP 1329 AR-LINGTON ST CINCINNATI 35 O
Day & Night Mfg Div 700 Royal Oaks Dr Monrovia Calif
Dearborn Stove Co 1700 W Commerce St Dallas Tex
Deepfreeze Appliance Div 2301 Davis St North Chicago Ill
DELCO APPLIANCE DIV LYELL & WHITNEY ST ROCHESTER NY
Delta Heating Corp 1 Cole St Trenton 8 NJ
Drayer-Hanson Inc 3301 Medford St Los Angeles 63 Calif
Empire Stove Co 918 Freeburg Ave Belleville Ill
Essiek Mfg Co 1950 Santa Fe Ave Los Angeles 21 Calif
Eureka Williams Co Div Henney Motor Bloomington Ill
Fluid Heat Div 6500 Eastern Ave Baltimore 24 Md
Frick Co 320 Broadway Waynesboro Pa
Ed Friedrich Inc 1115 E Commerce San Antonio Tex
Frigid Inc 128-68 32nd St Brooklyn 32 NY
Fridalraze Div General Motors Corp 300 Markham St Dayton 1 Ohio
Front Rank Mfg Co Div Liberty Foundry Co 2500 Ohio Ave St Louis 4 Mo
General Air Conditioning Corp Cincinnati 9 O
General Automatic Prods Corp 2300 Sinclair Lane Baltimore 13 Md
GENERAL ELECTRIC CO 5 LAWRENCE ST BLOOMFIELD NJ
GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY
GERWIN INDUSTRIES 214 SPRING MICHIGAN CITY IND
Gibson Refrigerator Co 515-615 W Williams Greenville Mich
Gilbert & Barker Mfg Co Cold Springs Ave W Springfield Mass
Gillen J L Co 12202 Wormer Ave Detroit 28 Mich
Great Northern Mfg Corp 1056 N Wood St Chicago 22 Ill
Green Colonial Furnace Co 316 S W 3rd St Des Moines Iowa
Hart Heat Div Avery Farm Machy Co Ft of Junction St Peoria Ill
Hell Co 3000 W Montana St Milwaukee 2 Wis
Henderson Furnace & Mfg Corp 3075 Gravenstein Sebastopol Calif
Henry Furnace Co Medina Ohio
HOTPOINT CO 5600 W TAYLOR ST CHICAGO 44 ILL
HUNTER FAN & VENTILATING CO 400 S FRONT ST MEMPHIS 2 TENN
International Harvester Co 180 N Michigan Ave Chicago 1 Ill
International Heater Co 101 Park Ave Utica NY
IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO
Janitrol Div Surface Combustion Corp 400 Dublin Ave Columbus 16 Ohio
Johnson S T Co 940 Arlington Ave Oakland 8 Calif
Kelmator 14250 Plymouth Rd Detroit 32 Mich
Kennedy Co 1629 Dime Hldg Detroit 26 Mich
King Refrigerator Corp 76-02 Woodhaven Bl Glendale LI NY
LENNOX FURNACE CO 200 8 12TH AVE MARSHALLTOWN IA
Lomergan Mfg Co Clark St Albion Mich
Magie Chef Inc 1641 S Kingshighway St Louis 10 Mo
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Braun (J G) Co 537 W 35th St New York 1 NY
Cupples Products Corp 2650 S Hanley Rd St Louis 17 Mo
Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn
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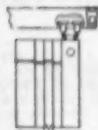
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MIXERS FACTS AND FIGURES



MODEL 3 1/2 T-PT



MODEL 3 M-PT



MODEL 6 S-PT

MODEL	CAP.	CHARGE-DISCHARGE	FRAME	POWER
3 1/2 T-PT	3 1/2 cu. ft. plus 10%	Tilting drum has geared mechanism with friction lock handle.	All steel with telescopic tow pole, spring mounted axle.	Air cooled 4 hp single cylinder Wisconsin engine.
3 M-PT	4 cu. ft.	Tilting drum with tilt lever on side.	Low slung 29" overall "doorway" width.	Choice of air cooled Lauson or Wis. engine, or electric motor.
6 S-PT	6 cu. ft. plus 10%	One lever hydraulic skip and shaker.	2-wheel end discharge or 4-wheel side discharge.	Air cooled 20 hp Wisconsin engine.

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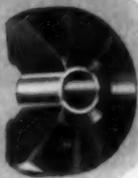
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Kaptor (Joseph J) & Co 121st & 90th Sts Palos
Park Ill
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Kool-Vent Aluminum Awning Co PO Box 9536
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McKinley (Orman O) Co 4530 N Keystone Av
Indianapolis 5 Ind
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SALZMAN ST LOUIS MO
National Ventilated Awning Co 605 Hall St
Dallas 1 Tex
Newman Brothers Inc 660-70 West 4th St Cin-
cinnati 3 Ohio
Orchard Bros Inc 63 Meadow Road Rutherford
NJ
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RUSSELL (F C) Co 1100 CHESTER AVE
CLEVELAND 1 OHIO
Troy Sunshade Co Grant and Scott St Troy
Ohio
United Metal Prods Inc 865 S High St Akron
11 Ohio
Vee Breeze Aluminum Awning Co 628 Huron
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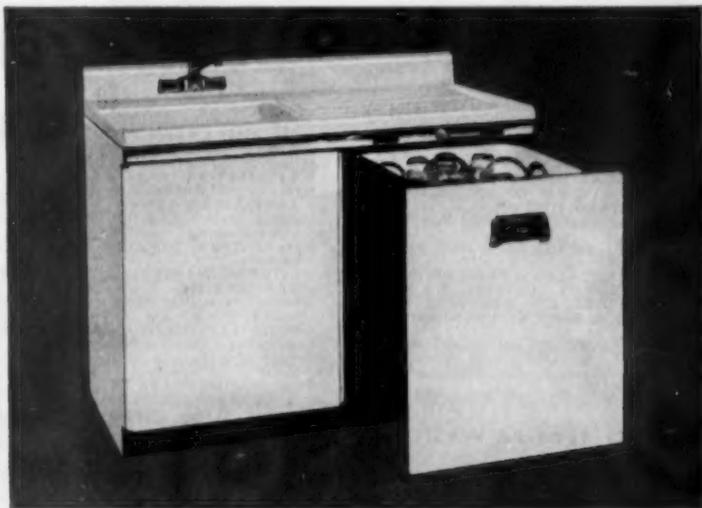


AMERICA'S FAVORITE* APPLIANCES TIP THE SCALE FOR YOU!

New, low-cost Disposall.® Introducing the new de luxe FC-40 at a price you, as a builder, can't afford to overlook!

Big capacity. Continuous feed. Quick, easy installation. Removable plug for dishwasher drain connection.

The FC-40 joins the custom models FA-4 and FA-45. Custom models feature safety Twistop control and written 5-year warranty.



New variety in dishwasher designs!

Even one with a wood front! A choice of styles! Models that fit to the right or left of sink! Models on wheels. Models with real wood fronts in knotty pine, birch, mahogany or oak! Here's the extra customer-appeal you need for quicker sales of your new homes.

Every model is a spacesaving under-counter model, 24" wide. Free-standing model, with separate top, is also available. *Get more information. See G-E catalogue in Sweet's file, or your G-E distributor.*

New, custom model dishwasher-sink

G.E.'s new custom model electric dishwasher-sink changes the sink area in new homes from a messy work center to the glamour spot of the kitchen. Pre-plumbed, easy to install, this wonderful, feature-packed new appliance combines the convenience of automatic dishwashing with a beautiful, porcelain-enamel cabinet sink.

General Electric Company, Dishwasher & Disposall Dept., Louisville 1, Kentucky.

*In a recent national survey 55 out of every 100 women said, "General Electric makes the best appliances for the home!"

MAY is NATIONAL WATER
SYSTEMS MONTH



GENERAL  **ELECTRIC**

**ALUMINUM
WINDOW AWNINGS
PORCH CANOPIES
STORE FRONT CANOPIES
TERRACE CANOPIES**

AMERICAN AWNING CORP.
628 Huron Street
Toledo 4, Ohio

Boyle Mfg Co Los Angeles Calif
Chattanooga Wheelbarrow Co 1313 E Main St
Chattanooga 2 Tenn
GOLDBLATT TOOL CO 1910 WALNUT ST
KANSAS CITY 8 MO
Jackson Mfg Co Lochiel Rd Harrisburg Pa
Kwik-Mix Co Port Wash Wis
Lansing Co 603 N Cedar St Lansing 3 Mich
Market Forge Co 35 Garvey St Everett 49 Mass
Northwest Metal Prods Inc 55 Spokane St
Seattle 4 Wash
Prime Mover Co Sampson St Muscatine Iowa
Red Tiger Prods Inc 20 N Wacker Chicago 6
Ill
Sterling Wheelbarrow Co 7036 W Walker Mil-
waukee 14 Wis
U S Steel Prods Div U S Steel Corp 30 Rocke-
feller Plaza New York 20 NY
Western Wheel Harrow Mfg Co So Ft Smith
Ark
Whiteman Mfg Co 3249 Casitas Ave Los An-
geles 39 Cal

▶ BASE, METAL

Aetna Steel Prods Corp 730 Fifth Ave New
York 19 NY
Alabama Metal Lath Co Inc 3235 Fayette Ave
Birmingham 1 Ala
B and T Metals Co 425 W Town St Columbus
16 Ohio
Belmont Smelting & Refining Wks 330 Bel-
mont Ave Brooklyn 7 NY
BOSTWICK STEEL LATH CO 1899 GRIS-
WOLD DR NILES OHIO
Colotype Tyle-Bord Inc 975 John St Seattle 9
Wash
Debs Inc 2116 Peachtree St Atlanta Ga
Goldsmith Metal Lath Co 4501 Chickering Cin-
cinnati Ohio
INLAND STEEL PRODUCTS CO 4111 W
BURNHAM MILWAUKEE WIS
Knapp Brothers Mfg Co 16 E 72nd St Cincin-
nati 16 O
MACKLANBURG-DUNCAN CO 4941 N SAN-
TA FE OKLAHOMA CITY OKLA
NATIONAL GYPSUM CO 325 DELAWARE
AVE BUFFALO 2 NY
National Lead Co 111 Broadway New York 6
NY
PENNY METAL CO INC 205 E 42ND ST NEW
YORK 17 NY
REYNOLDS METALS CO BLDG PRODS DIV
2981 S NINTH ST LOUISVILLE 1 KY
TRUSCON STEEL DIV REPUBLIC STEEL
CORP 1950 ALBERT ST YOUNGSTOWN 1
OHIO
UNITED STATES GYPSUM CO 360 W
ADAMS ST CHICAGO 6 ILL
Wheeling Corrugating Co 1134 Market St
Wheeling W Va

▶ BASKETS, TRASH & WASTE

Boyle Mfg Co Los Angeles Calif
Cyclone Fence Div American Steel Wire Co
U S Steel Corp Box 260 Waukegan 1 Ill
Daniels (C R) Inc Daniels Md
Kraus Walter S Co 48-02 43rd St Woodside 77
NY
Lawson (F H) Co Evans & Whately St Cin-
cinnati 4 Ohio
Master Metal Prods Inc Box 95 Buffalo 5 NY
Meyers (Fred L) Mfg Co 1176 Hooven Ave
Hamilton Ohio
Nesco 260 North 12th St Milwaukee Wis
Standard Equipment Co 3175 Fulton Brooklyn
NY
Wheeling Corrugating Co 1134 Market St
Wheeling W Va

**▶ BATCHERS, ADJUSTABLE
MEASURING**

Blaw-Knox Equipment Div Blaw-Knox Co
Farmers Bank Bldg Pittsburgh 30 Pa
Bodinson Mfg Co 2403 Bayshore Blvd San
Francisco Cal
Butler Bin Co 945 Blackstone Ave Waukeha
Wis
Concrete Transport Mixer Co 4985 Fyler Ave
St Louis 9 Mo
CONSTRUCTION MACHINERY CO 420 VIN-
TON ST WATERLOO IOWA
Erie-Strayer Co Giest & NPKR Erie Pa
Fleming Mfg Co 4985 Fyler Ave St Louis 9 Mo
Johnson (C S) Co The PO Box 71 Champaign
Ill
Kwik-Mix Co Port Wash Wis

Martin Steel Prods 111 W Longview Mansfield
Ohio
Material Handling Inc 4985 Fyler Ave St Louis
9 Mo
Supremix 401 Grace Adrian Mich
Willard Concrete Machinery Co 11700 Wright
Rd Lynwood Cal

▶ BATHROOM ACCESSORIES

ALSYNITE CO OF AMERICA 4654 DE SOTO
ST SAN DIEGO 9 CALIF
Amerline 2727 W Chicago Ave Chicago 22 Ill
Approved Prods Co 38 Park Row Ave New
York 38 NY
Atkins Wood Prods Corp 103-12 101 St Ozone
Park NY
Autoyre Co Oakville Conn
Bache (Semon) and Co 636 Greenwich St New
York 14 NY
Bay Ridge Specialty Co Trenton NJ
Carey (Philip) Mfg Co 316 S Wayne Cincin-
nati 15 Ohio
Columbus Plastic Prods Inc 1625 W Mound
St Columbus 4 Ohio
Conant Brothers Co Inc 427 Riverside Ave
Medford 55 Mass
Crane Co 836 S Michigan Chicago 5 Ill
Ecco Prods Co 1949 N Cicero Chicago 39 Ill
General Chrome Inc 1720 Mishawaka Ave
South Bend Ind
Gertry-Michigan Corp Merchandising Div 1365
E Beecher St Adrian Mich
Grote Mfg Co Lafayette & Greenview Belle-
vue Ky
HALL-MACK CO 1344 W WASHINGTON
LOS ANGELES 7 CAL
Handy Things Mfg Co N Rowe St Ludington
Mich
Harris Inc 200 E Long St Columbus Ohio
HOLLAENDER MFG CO 3819 SPRING
GROVE AVE CINCINNATI 23 OHIO
Home Essentials Corp 79 Cliff New York NY
Irmantop Prods Co 37-25 Prince St Flushing
LI NY
Ketcham Mfg Corp 70-70-80th St Brooklyn 27
NY
Kraus (Walter S) Co 48-02 43rd St Woodside
77 NY
Lawson (F H) Co Evans & Whately St Cin-
cinnati 4 Ohio
Lehman Sprayshield Co 3355 York Rd Philadel-
phia 49 Pa
Marchand A Inc 680 Fifth Ave New York
19 NY
MIAMI CABINET DIV CAREY (PHILIP)
CO 1950 GRAND AVE MIDDLETOWN
OHIO
MORGAN-WIGHTMAN SUPPLY CO 1541
SALZMAN ST LOUIS MO
MOSAIC TILE CO 1949 PERSHING AVE
ZANESVILLE OHIO
National Steel Cabinet Co 2415 N Pulaski Rd
Chicago 39 Ill
National Tile & Mfg Co E 26th St Anderson
Ind
NATIONAL VANITY CO 165 AVENUE A
BAYONNE NJ
Northern Industries Inc 310 N Water St Mil-
waukee 2 Wis
OWENS-ILLINOIS GLASS CO PO BOX 1935
TOLEDO 1 OHIO
Parker (Charles) Co 50 Hanover St Meriden
Conn
PITTSBURGH PLATE GLASS CO 432 FORT
DUQUESNE PITTSBURGH 22 PA
Porcelain Enamel Prods Corp Bay State Rd
Rehoboth Mass
Prestite Mfg Co 5850 W Ogden Ave Chicago 50
Ill
Reliable Metal Novelty Co Inc 25 Elm Ave
Mount Vernon NY
Selek (Walter E) & Co 223 West Hubbard
Chicago 10 Ill
Shower Door Co of America 1301 Chatta-
hoochee Atlanta Ga
Smith (E C) Mfg Corp 1515 N Artesian Chi-
cago 10 Ill
Sommer (J L) Mfg Co 28 Vesey St Newark
NJ
Standard Building Products Co 621 McDonald
Ave Brooklyn 18 NY
Superior Plastics Inc 410-430 N Oakley Chicago
12 Ill
T AND S BRASS AND BRONZE WKS 32
URBAN AVE WESTBURY LI NY
Toledo Desk and Fixture Co 1020 Ford Rd
Maumee Ohio
TURNER AND SEYMOUR MFG CO LAW-
TON ST TORRINGTON CONN
Tylae Co Greely & High Sta Monticello Ill
US Quarry Tile Co 110 E 42nd St New York
NY
Westwood Mfg Co Box 2261 Los Angeles 54 Cal
WRIGHT MFG CO PO BOX 4567 HOUSTON
5 TEXAS

▶ BATHROOM CABINETS

Allen Steel Products Inc 2941 E Ten Mile Rd
Hazel Park Mich
Angel Novelty Co 340 Broad St Pittsburgh Mass
Atkins Wood Products Corp 103-12 101 St
Ozone Park NY
Bennett Lumber Corp Oliver & NYC RR No
Tonawanda NY

Brainard Industries Inc 152 S 15th St Linden-
hurst LI NY
BUILDERS MFG CO 1514 BROWN-MARX
BLDG BIRMINGHAM ALA
Casey (Philip) Mfg Co 316 S Wayne Cincin-
nati 15 Ohio
CARR ADAMS AND COLLIER CO 11TH AND
JACKSON DUBUQUE IOWA
Cole Mfg Co PO Box 2657 Memphis 8 Tenn
Columbia Metal Box Co 260 E 143rd St New
York 51 NY
Copco Steel & Engineering Co 14035 Gd River
Ave Detroit 27 Mich
Crane Co 836 S Michigan Chicago 5 Ill
Dyke Brothers 309 Center Little Rock Ark
Excel Metal Cabinet Co Inc 1938 Johnson
Jamestown NY
Farley & Loetscher Mfg Co Dubuque Ia
Gertry-Michigan Corp Merchandising Div 1365
E Beecher St Adrian Mich
Gold Seal Mfg Co 1223 W Kinzie Chicago 22 Ill
Goslee (J R) Co 1500 Brookpark Rd Cleveland
9 Ohio
Great Northern Mfg Corp 1056 N Wood St
Chicago 22 Ill
Grote Mfg Co Lafayette & Greenview Bellevue
Ky

HALL-MACK CO 1344 W WASHINGTON
LOS ANGELES 7 CAL
Losey Co 1855 S 54th Ave Chicago 50 Ill
Holly (Lloyd E) 1439 Liberty Box 79 Harris-
burg Pa
Home-Craft Electronic Products 3828 N Kedzie
Ave Chicago 18 Ill
Houston Blow Pipe & Sheet Metal Works Box
1692 Houston Texas
Hy-Plane Mfg Co 1822 Cadwallader Philadel-
phia 22 Pa
Ideal Cabinet Corp 5131 Dempster St Skokie Ill
Ideal Cabinet Corp Div Des Lauriers Column
Mould Co 7722 Joy Rd Detroit 4 Mich
Jensen Industries 159 S Anderson Los Angeles
33 Cal
Ketcham Mfg Corp 70-70 80th St Brooklyn
27 NY
Kinzua Pine Mills Co Kinzua Ore
Kitchen Maid Corp 541 Snowden Andrews Ind
Knight Mfg Co 2930 S Washington Saginaw
Mich
Kraus (Walter S) Co 48-02 43rd St Woodside
77 NY
Lawson (F H) Co Evans & Whately St Cincin-
nati 4 Ohio
Lehman Sprayshield Co 3355 York Rd Phila-
delphia 40 Pa
Linoleum Products Corp 15 North 2nd St Pat-
erson 2 NJ
Marchand (A) Inc 680 Fifth Ave New York
19 NY
Marquart Millwork Co 50 Ceape St Oshkosh
Wis

MIAMI CABINET DIV CAREY (PHILIP) CO
1950 GRAND AVE MIDDLETOWN OHIO
Milo Products Co Grantham Penn
Mirro-Glo Cabinet Co 3131 W 49th Pl Chi-
cago 32 Ill
Morzan Co 520 Oregon St Oshkosh Wis
MORGAN-WIGHTMAN SUPPLY CO 1541
SALZMAN ST LOUIS MO
National Metal-Art Mfg Co 1990-8th Ave
Brooklyn 15 NY
National Mirror Works 1925 Kishwaukee St
Rockford Ill
National Steel Cabinet Co 2415 N Pulaski Rd
Chicago 39 Ill
NATIONAL VANITY CO 165 AVENUE A
BAYONNE NJ
Ohio Window Glass Co 4045-7 St Clair Cleve-
land 14 Ohio
Ornas & La Barre 28697 Mound Rd Centerline
Mich
Parker (Charles) Co 50 Hanover St Meriden
Conn
Red Tiger Products Inc 20 N Wacker Chicago
6 Ill

REGAL CABINET SALES CO INC 1370
RALPH AVE BROOKLYN 36 NY
Republic Hdwe & Distributing Corp 1047 E
54th St Indianapolis 20 Ind
Rock Island Millwork Co 2525 Fourth Ave
Rock Island Ill
Royal Glass & Millwork Corp 50-52 25th St
Long Island 1 NY
Schneck (William) & Co Evans City Pa
Selek (Walter E) & Co 223 West Hubbard
Chicago 10 Ill
Smith (E C) Mfg Corp 1515 N Artesian Chi-
cago 10 Ill
Standard Building Products Co 621 McDonald
Ave Brooklyn 18 NY
Standard Stamping & Perforating Co 3129 W
49th Place Chicago 32 Ill
Standard Steel Cabinet Co 3701 N Milwaukee
Chicago 41 Ill
Toledo Desk and Fixture Co 1020 Ford Rd
Maumee Ohio
Toledo Plate and Window Glass Co 1041 Utica
St Toledo Ohio
Topcraft Inc 4207-09 Menlo Dr Baltimore 15
Md
UNITED METAL BOX CO INC 168-86 SEV-
ENTH ST BROOKLYN 15 NY
UNITED METAL CABINET CORP 168 SEV-
ENTH ST BROOKLYN 15 NY
Vincar Sales Co PO Box 2187 Van Nuys Calif
Williams Prods Co Inc 6127 Cedar Ave Phila-
delphia 43 Pa

Now you can build better homes
3 TIMES FASTER with Shakertown

GLUMAC UNITS



HERE'S PROOF! Leading builders everywhere report it's NOT exceptional to sidewall a house a day—the GLUMAC way. Save 70% on application costs, too!



Up to 3 TIMES FASTER, Glumacs not only save costs but also are customer-preferred 3 to 1 over other materials, according to actual builders' surveys!

FASTER TO APPLY because they're big, easy-to-handle 16" x 46 1/4" units of Shakertown Sidewall shakes bonded to tapered backer-board. Cut with a knife or saw — no metal to dull tools. Colored nails to match the factory-stained shakes included in every carton.

EASIER TO HANDLE because there's no fitting, no finishing of individual shakes. Only finish nailing is needed to complete a "double-coursed" sidewall.

BETTER WEATHER PROTECTION because Glumac Units are factory squared and fitted to assure best possible alignment and uniformity. Just 22 units cover 100 sq. ft. of sidewall at recommended 14" exposure.

THE FIRST NAME IN CEDAR SHAKES

Shakertown



Most profitable line you can sell . . .

Shakertown

FIRST NAME IN CEDAR SHAKES



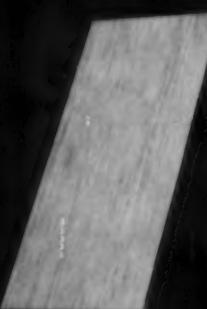
Shakertown GLUMAC Units

Famous Shakertown Sidewall shakes, factory stained and bonded to tapered backer-board, in big 16" x 46 $\frac{3}{4}$ " units. Cover 100 sq. ft. at 14" exposure with just 22 units, packed 11 per carton, including 6d colored nails.



Shakertown SIDEWALL Shakes

All are handsomely grooved cedar shakes, factory stained in 12 decorator-selected colors. Applied over an under-course of low-cost, smooth-surface shingles for double protection. Packed one square per carton, including 6d colored nails.



Shakertown ROOF Shingles

Smooth-surfaced cedar, factory squared and stained in colors to harmonize with any styling. Laid at narrow exposure to make a triple-thick protective roof surface for greater weather protection. Can be applied over spaced sheathing. Packed four cartons per square at standard exposure.



Lifetime Metal JIFFY CORNERS

Eliminate jointing, lacing of shingle corners. Striated surface matches grooved shakes. Pre-drilled nail holes. In all colors and unpainted. One gross per carton.

HERE'S WHY you'll profit with Shakertowns! No other shingle line combines *all* these saleable features . . . all ready to help you make more sales, faster.

BETTER SERVICE. Because there's a Shakertown Distributor near you, there's no need to carry a high inventory. Convenient-size cartons are easy to move on the job, ready to apply.

BETTER PRODUCTS. Customers recognize and prefer the famous Shakertown quality . . . known for over 35 years.

BETTER PROFITS result when you display and sell leading brands. When you sell Shakertown, you sell the First Name in Cedar Shakes.

BETTER SALES. The time-saving, cost-reducing features of Shakertown products assure a strong demand . . . in one of America's biggest markets.

BETTER ADVERTISING builds business for you. Shakertown hits 18,000,000 customers and prospects with forceful, large-space advertising — plus sparkling color folders, point of sale displays and newspaper mat service.



ACT NOW!

Mail the coupon TODAY
for full details

Yes, I'M INTERESTED: Rush me color samples
and full information about Shakertown products.

Name

Company

Address

City

County

State

THE PERMA PRODUCTS COMPANY
20310 KINSMAN RD. • CLEVELAND 22, OHIO

▶ BATHROOM TOILET SEATS

Bemis Mfg Co Sheboygan Fall Wis
Beneke Corp Box 271 Columbus Miss
Brunswick-Balke Collender Co 623 S Wabash Chicago Ill
Church (C F) Mfg Co Box 471 Holyoke Mass
Kennedy Co 1629 Dime Bldg Detroit 26 Mich
KOHLER CO 44 HIGH ST KOHLER WIS
Plumbers Woodwork Co Box 157 Algoma Wis
Swedish Crucible Steel Co 8561 Butler Ave Detroit 11 Mich
Vogue Mfg Co 2311 Taylor St Ft Wayne 6 Ind
Washington Woodcraft Co Washington NJ

▶ BATHTUB ENCLOSURES

Beco Corp 3635 Canton St Dallas Tex
BINSWANGER AND CO 297 N MAIN ST HOUSTON 1 TEX
California Shower Door Co 3738 E Colorado Pasadena 8 Calif
Downey Shower Door Co 8246 East Phlox Downey Calif
EPRAD INC 1266 CHERRY ST TOLEDO OHIO
FIAT METAL MFG CO 9301 W BELMONT AVE FRANKLIN PARK ILL
Geneco Tools 1830 N Kostner Ave Chicago 39 Ill
Glass Shower Door Co Inc 105 W Wacker Chicago Ill
Harvey Machine Co Inc 19200 S Western Torrance Calif
Keko Prods Inc PO Box 98 Bristol Ind
Ketcham Mfg Corp 70-70 80th St Brooklyn 27 NY
Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa
Milwaukee Stamping Co 800 S 72nd St Milwaukee 14 Wis
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
National Metal-Arts Mfg Co 1909-8th Ave Brooklyn 16 NY
National Mirror Works 1925 Kishwaukee St Rockford Ill
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE PITTSBURGH 22 PA
SHOWER ENCLOSURES INC 1227 W DEVON AVE CHICAGO 48 ILL
Windor Shower Door Co 4532 San Fernando Glendale 4 Calif

▶ BEAD, CORNER METAL

Alabama Metal Lath Co Inc 3235 Fayette Ave Birmingham 1 Ala
Allen Steel Products Inc 2941 E Ten Mile Rd Hazel Park Mich
B and T Metals Co 425 W Town St Columbus 16 Ohio
Badger Corrugating Co 1801 West Ave So La Crosse Wis
Beade-X Sales Inc 4615 Eighth Ave N W Seattle 7 Wash
BOSTWICK STEEL LATH CO 1890 GRISWOLD DR NILES OHIO
Bugher Mfg Co 211 S Main St Kokomo Ind
CASINGS INC 2408 N FARWELL AVE MILWAUKEE 11 WIS
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
Continental Steel Corp 1109 S Main St Kokomo Ind
DRYWALL TRIM INC 2408 N FARWELL AVE MILWAUKEE 11 WIS
EASTERN MACHINE PROD CO 1601 WILCOMICO ST BALTIMORE 30 MD
EASTERN VENETIAN BLIND CO 1601 WILCOMICO ST BALTIMORE 30 MD
Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio
Hosking Paper & Supply 1301 Lake Ave Wilmette Ill
INLAND STEEL PRODUCTS CO 4111 W BURNHAM MILWAUKEE WIS
Klauer Mfg Co 9th & Washington Sts Dubuque Iowa
La Crosse Steel Roofing Co 227 Jay St La Crosse Wis
MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY
Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
Piper (R K) Mfg Co PO Box 31 Robinson Ill
REPUBLIC STEEL CORP BERGER DIV 1030 BELDEN AVE NE CANTON 5 OHIO
Rickkraft Co 510 N Dearborn St Chicago 10 Ill
Sioux Steel Co Sioux Falls SD
Soule Steel Co 1750 Army St San Francisco 24 Calif
Tennison Bros Inc 450 N Bellevue Memphis 1 Tenn
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
Wheeling Corrugating Co 1134 Market St Wheeling W Va

▶ BEDS, WALL, BUILT-IN

American Bed and Spring Co 5255 Delmar St St Louis Mo
Holmes Products Co Woodstock Ill
Murphy Door Bed Co 19 West 44th St New York 36 NY
Roll-A-Way Corp 2954 N Sheffield Chicago 14 Ill

▶ BELLS & CHIMES, DOOR

Auth Electric Co Inc 34-20 45th St Long Island City 1 NY
Bevin Bros Mfg Co Box 60 E Hampton Conn Couch (S H) Co Inc 1 Arlington St North Quincy Mass
EDWARDS CO INC POST HILL RD NORWALK CONN
Liberty Bell Mfg Co Short St Minerva Ohio
Mell-O-Chime & Signal Co 119 S Jefferson Chicago Ill
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
NU TONE INC RED BANK & MADISON CINCINNATI 27 OHIO
Rittenhouse Co Inc Earl St Honeye Falls NY
Sperti Faraday Inc 1322 Church St Adrian Mich
Starr Brothers Bell Co E Hampton Conn

▶ BINDING, LINOLEUM & OIL CLOTH

Alden Mfg Co 201 W Walnut St Painesville Ohio
B and T Metals Co 425 W Town St Columbus 16 Ohio
CENTRAL METAL STRIP CO 4343 N WESTERN AVE CHICAGO 18 ILL
Decorite Inc 2116 Peachtree St Atlanta Ga
Dennis W J & Co 4444 Irving Pk Rd Chicago 41 Ill
Kinkead Industries Inc 5860 N Pulaski Rd Chicago 30 Ill
MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA

Nu-ART BINDING & EDGING

See Pages 56-59

SOLD BY
HARDWARE & LUMBER DEALERS

 **MACKLANBURG-DUNCAN CO**
OKLAHOMA CITY, OKLA.

Miraplas Tile Company 980 Parsons Ave Columbus 6 Ohio
NATIONAL ALUMINUM CO 1133 ALUM CREEK DR COLUMBUS 9 OHIO
National Metal Prods Co 1001 Ridge Ave Pittsburgh 33 Pa
United Industries Inc 231 S LaSalle Chicago 4 Ill
Werner (R D) Co Inc 295 Fifth Ave New York 16 NY
Youngstown Mfg Inc 66-76 S Prospect Youngstown Ohio

▶ BINS, MATERIAL STORAGE BULK

Allington and Curtis Mfg Co 1810 Holland Ave Saitow Mich
American Steel and Iron Works 5800 and S Lowe Chicago 21 Ill
American Steel Works 1211 W 27th St Kansas City 8 Kan
Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY
Baughman Mfg Co Inc Arch St & Shipman Jerseyville Ill
Blaw-Knox Equipment Div Blaw-Knox Co Farmers Bank Bldg Pittsburgh 30 Pa
Brower Mfg Co Box 251 Quincy Ill
Butler Bin Co 945 Blackstone Ave Waukesha Wis
Butler Mfg Co 7400 E 13th St Kansas City 26 Mo
Caldwell (W E) Co 2320 Brook St Louisville 8 Ky
Columbian Steel Tank Co 1401 W 12th St Kansas City Mo
Concrete Transport Mixer Co 4985 Fyler Ave St Louis 9 Mo
CONSTRUCTION MACHINERY CO 420 VINTON ST WATERLOO IOWA
Cyclone Fence Div American Steel Wire Co U S Steel Corp Box 260 Waukegan 1 Ill
Decatur Iron & Steel Co 2nd Street West Decatur Ala

Dempster Mill Mfg Co 711 South 6th St Beatrice Nebr
Dodson Mfg Co Inc 1463 Barwise Wichita Kans
Equipto Div Aurora Equipment Co John & Prairie Sts Aurora Ill
Erie-Strayer Co Giest & NRR Erie Pa
Fairfield Engineering Co 324 Barnhart St Marion Ohio
Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn
Fleming Mfg Co 4985 Fyler Ave St Louis 9 Mo
General Conveyor & Mfg Co 3601 Salena St Louis 18 Mo
Gifford-Wood Co 23 Hill St Hudson NY
Heitzel Steel Form & Iron Co Warren Ohio
Houston Blow Pipe & Sheet Metal Works Box 1692 Houston Texas
Illinois Wire & Mfg Co PO Box 1396 Joliet Ill
Jeffrey Mfg Co 771 N 4th St Columbus 16 Ohio
Johnson (C S) Co The PO Box 71 Champaign Ill
Kalamazoo Tank & Silo Co 508 Harrison St Kalamazoo Mich
Kwik-Mix Co Port Washington Wis
Lyon Metal Products Inc 25 Montgomery St Aurora Ill
Market Forge Co 35 Garvey St Everett 49 Mass
Material Handling Inc 4985 Fyler Ave St Louis 9 Mo
Midwest Steel Prods Co Ry Exchange Bldg Kansas City 6 Mo
Neff & Fry Co 150 S Main St Camden O
Red Tiger Products Inc 20 N Wacker Chicago 6 Ill
Richmond Engineering Co Inc 7th & Hospital Sts Richmond 5 Va
St Paul Foundry & Mfg Co 500 Como Ave St Paul 9 Minn
Sioux Steel Co Sioux Falls S D
Stackbin Corp 1079 Main St Pawtucket RI
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
Super-Structures Inc 1015 So Jefferson Albert Lea Minn
Universal Steel Equipment Corp 32-35 47th Ave Long Island City 1 NY

▶ BIRD REPELLENT DEVICES

Nixalite Co of America 115-19 W 3rd St Davenport Iowa
Sackin Corp 1079 Main St Pawtucket RI
Universal Equipment Co 3401 W Division Chicago Ill
NIXALITE CO OF AMERICA 115-19 W 3RD ST DAVENPORT IA

▶ BITS, AUGER

Acrabore Inc Mill St Webster Mass
Dura-Bit Tool Co Inc 60 N Ave Natick Mass
Graham (John H) & Co Inc PO Box 1042 New York 8 NY
GREENLEE TOOL CO 2136 TWELFTH ST ROCKFORD ILL
Irwin Auger Bit Co Wilmington Ohio
Mephato Tool Co Inc Box 16 Hudson NY
MILWAUKEE ELEC TOOL CORP 6355 W STATE ST MILWAUKEE 8 WIS
Producto Tool & Star Bit Co 1149 Railroad Ave Rockford Ill
Stanley Tools Div 111 Elm Ave New Britain Conn
Yates American Machine Co 729 Fourth St Heloit Wis

▶ BITS, COUNTERSINK

Deuse (E W) Co Chester Conn
Forest City Bit & Tool Co 1296 Kishwaukee St Rockford Ill
GREENLEE TOOL CO 2136 TWELFTH ST ROCKFORD ILL
Hood Bros 4336 Orchard St Phila 24 Pa
Producto Tool & Star Bit Co 1149 Railroad Ave Rockford Ill
Stanley Tools Div 111 Elm Ave New Britain Conn

▶ BITS, SAW

Borg-Warner Corp Atkins Saw Div 402 S Illinois St Indianapolis 9 Ind
Corley Mfg Co Clifton Hills Chattanooga 1 Tenn
Hoe (R) & Co Inc 910 East 138th St New York 34 NY
Payne (B H) & Co 101 W Taylor Ave East Point Ga
SIMONDS SAW & STEEL CO 470 MAIN STREET FITCHBURG MASS

▶ BLACKBOARD

Colotype Tyle-Bord Inc 975 John St Seattle 9 Wash
Enamel Products Co Eddy Rd & Taft Ave Cleveland 8 Ohio
Gotham Chalkboard & Trim Co Inc 91 Weyman Ave New Rochelle NY
Ingram-Richardson Mfg Co 32nd St Beaver Falls Pa
New York Standard Blackboard Co Inc 144 W 18th St New York 11 NY

Packaged masonry safety chimney



EMBOSSED BRICK-PANEL Van-Packer chimney housing adds beauty to homes in all price classes. Cement-asbestos panels have brick texture and are deep-embossed with natural color mortar lines.

FLOOR OR CEILING SUSPENDED Van-Packer chimney may be placed directly over furnace in center of house as easily as against a wall.



ALL PARTS PACKAGED. All materials for complete installation are provided in the packages — even flashing and acid-proof, leak-proof joint cement.

Saves 20%-40% over brick, cuts job delays — approved for all fuels

QUICKLY INSTALLED—Complete chimney assembled in 3 man-hours or less. Easily installed, even after house has been completed. Complete packaged chimney delivered to job when needed, nothing else to provide. Construction delays eliminated.

CUTS COSTS—Factory mass-produced, the Van-Packer chimney saves 20% to 40% on cost of time and material over brick chimney construction.

APPROVED FOR ALL FUELS—The Van-Packer chimney is tested and listed by U.I. for all fuels — coal, oil or gas — with all home heating plants and incinerators. It is approved by major building codes. Flue sections are made of 2100° F. acid-proof fire clay tile lining, 3" vermiculite concrete insulating wall and cement-asbestos outer jacket. Insulating value equals 24" brick construction. 14" OD flue section installs between joists on 16" centers without joist cutting.

FREEDOM OF DESIGN—Due to its sectional construction of lightweight vermiculite concrete, the Van-Packer chimney may be suspended directly over furnace where it best serves heating plant location. Conserves floor space as no chimney foundation is necessary.

EFFICIENT, PERMANENT—In independent laboratory tests, the Van-Packer chimney developed 34% more draft than 8" x 12" tile-lined brick chimneys. The Van-Packer is a lifetime masonry chimney.

BRICK-PANEL CHIMNEY HOUSING — Cement-asbestos housing panels are embossed in brick texture with brick red finish. Can be painted if desired to match other brick colors while retaining natural color mortar lines. Housing panels cut easily to fit any roof ridge or pitch. Panels with quick-lock corners slide one into the other to form the housing. Completed housing measures 16" wide by 24" deep. Aluminum housing also available.

IMMEDIATE DELIVERY — Distributed in the United States, Canada and Alaska through local heating and building material jobbers. See ordering instructions on next page.



ONE MAN INSTALLS A VAN-PACKER CHIMNEY IN 3 HOURS OR LESS



Prepare opening in floor, ceiling and roof. No clearance to wood members necessary.



Place chimney support in prepared opening and nail iron supporting straps to floor joists.



Cement masonry sections in place up to desired height using thermal-setting joint cement provided.



Assemble leak-proof flashing on roof at base of flue. Install housing around completed flue.



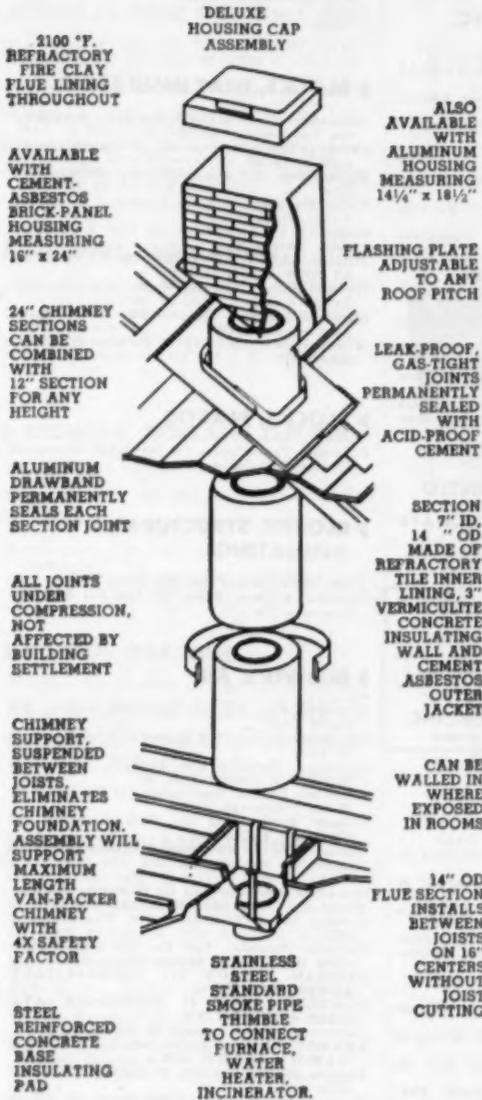
Cut housing panels to desired pitch and slide them together to form locked housing.



Set "Deluxe Housing Cap" assembly over housing to complete Van-Packer chimney installation.

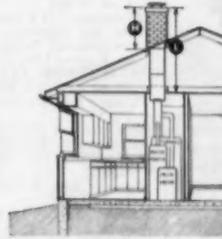
goes up by sections in 3 man hours

CEILING SUSPENDED INSTALLATION METHOD



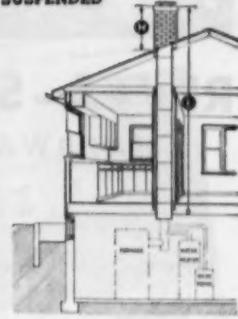
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No Basement

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One or Two Story
with Basement

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with Basement

CEILING SUSPENDED



Cabin, Garage
or Farm Building

HOW TO ORDER VAN-PACKER CHIMNEYS

For specific prices, simply give your heating supply or building material dealer or jobber the "H" and "L", or "H" and "P" measurements as indicated in the diagrams (above). See your local classified telephone directory for Van-Packer listing. If no distributor is listed, write Van-Packer Corp.

COMPLETE INSTALLATION INFORMATION AVAILABLE

If the chimney installation you require is not shown here, send an elevation drawing showing roof pitch and chimney location to Van-Packer Corp. Complete installation information will be sent you immediately.

Write for Bulletin No. 12-AF-28



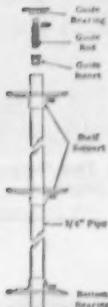
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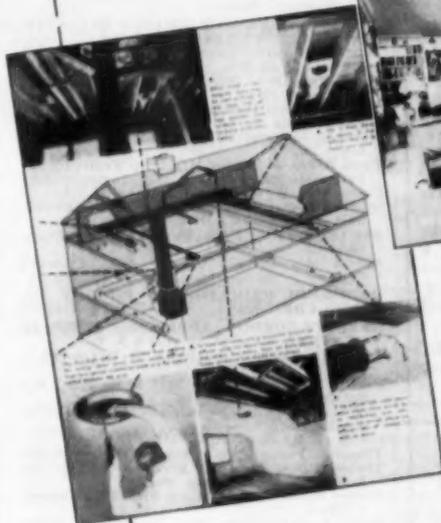
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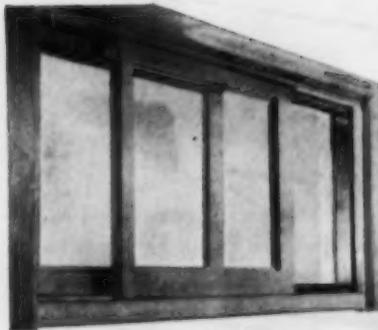
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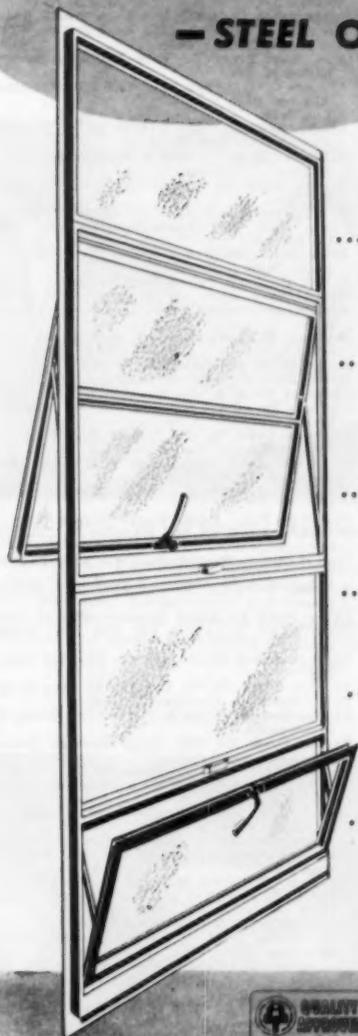
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WAGNER MFG COMPANY 1ST & WASHINGTON CEDAR FALLS IOWA

MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1959 GRAND AVE MIDDLETOWN OHIO
NATIONAL MFG CO STERLING ILL
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Reflector Hardware Corp 2245 S Western Ave Chicago 8 Ill
SARGENT & CO 45 WATER ST NEW HAVEN 3 CONN
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
 Sommer & Maca Glass Machinery Co 3600-08 S Oakley Chicago 9 Ill
STANLEY WORKS NEW BRITAIN CONN
 Warren (J D) Mfg Co Montpelier Ohio
 Whitehall Metal Studios Inc 46 East Ohio Chicago 11 Ill
 Wilmae Metal Products 2632 N Central Ave Chicago 39 Ill

► **BRICK, COMMON**

Abilene Brick Co Box 1017 Abilene Tex
 Acme Brick Co PO Box 425 Ft Worth Tex
 Acme Shale Brick Co 1163 Main Buffalo 9 NY
 Ada Brick Co Ada Okla
 Adams Clay Prods Co 1118 Mulberry St Des Moines 5 Iowa
 Alliance Clay Prods Co 1500 S Mahoning Alliance Ohio
 Alton Brick Co PO Box 394 Alton Ill
 Alwine Brick Co New Oxford Pa
 Ashe Brick Co Van Wyck SC
 Baltimore Brick Co 3200 E Madison Baltimore 5 Md
 Beacon Brick Co 619 Beacon Bldg Wichita 2 Kansas
 Binghamton Brick Co Inc Binghamton NY
 Black Hills Clay Prods Co Box 730 Belle Fourche SD
 Bridgewater Brick Co Spring St E Bridge-water Mass
 British Brick Co 228 N LaSalle Chicago 1 Ill
 Broad River Brick Co Route 1 Gaffney SC
 Brookhaven Pressed Brick Mfg Co Brookhaven Miss
 Builders Brick Co 3800-9th Ave S Seattle 8 Wash
 Bush (W G) and Co Nashville Tenn
 Carey Brick Co 6555 W Fullerton Chicago Ill
 Chatham Brick & Tile Co Inc Gulf NC
 Chehalis Brick and Tile Co Box 868 Chehalis Wash
 Cherokee Brick Co PO Box 58 Macon Ga
 Church Brick Co Bordentown NJ
 Columbia Brick Works 1320 S E Water Ave Portland 14 Ore
 Consolidated Brick Co PO Box 127 Horseheads NY
 Dennings Point Brick Works Beacon NY
 Denmore Brick Co 162 Hanover St Lebanon NH
 Denver Sewer Pipe & Clay Co 4501 Fox St Denver 1 Colo
 Donnelly Brick Co PO Box 1107 New Britain Conn
 Drury Brick Co Essex Junction Vt
 Elgin-Butler Brick Co PO Box 816 Austin Texas
 Elgin-Standard Brick Mfg Co Box 546 Elgin Tex
 El Paso Brick Co PO Box 136 El Paso Texas
 Evans Brick Co Uhrichville Ohio
 Florida-Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla
 Frazer Brick Co 2501 Cedar Springs Dallas Texas
 Frederick Brick Works Frederick Md
 Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
 General Clay Prods Co 1445 W Goodale Bl Columbus 8 Ohio
 General Shale Prods Corp Johnson City Tenn
 Glen-Gery Shale Brick Corp Box 182 Wyoming Pa
 Goodrich (W S) Inc Main St Epping NH
 Great Falls Brick Co PO Box 220 Great Falls Mont
 Guignard Brick Works Columbia SC
 Hall-Wheeler Brick Co Inc PO Box 162 Jonesboro Ark
 Hanley Co 101 Park Ave New York NY
 Harrisville Brick Co PO Box 447 Ogden Utah
 Hattiesburg Brick Works Hattiesburg Miss
 Hidden Brick Co 2610 Kaufman Ave Vancouver Wash
 Hope Brick Works PO Box 389 Hope Ark
 Humboldt Brick & Tile Co 822 Bridge Humboldt Kan
 Hydraulic Press Brick Co 705 Olive St St Louis Mo
 Illinois Brick Co 228 N La Salle St Chicago Ill
 Interstate Brick Co 3100 S 11th East Salt Lake City Utah
 Jova Brick Works Roseton NY
 Kalo Brick & Tile Co 1239 1st Ave S Fort Dodge Ia
 Kendrick Brick & Tile Co 3235 S Boulevard Charlotte NC

► **BRACKETS, SAWHORSE**

Allen Steel Products Inc 2941 E Ten Mile Rd Hazel Park Mich
 American Ladder Co 5509 N W 7th Ave Miami 38 Fla
 Busch (A G) and Co Inc 2632 N Central Ave Chicago 39 Ill
CHESNEY INC 720 TOWNE AVE LOS ANGELES 21 CAL
 Dalton Mfg Co 20 S Central Ave St Louis 5 Mo
 Franklin Equipment Co Monticello Ia
GRAND HAVEN STAMPED PRODS CO GRAND HAVEN MICH
 Larson Co Ave G & C&NW Ry Sterling Ill
 M and M Wire Clamp Co 975 17th Ave Minneapolis Minn
 National Plaster Block Co 2236 N 27th St Philadelphia 32 Pa
 Panelitt Displays Inc 1131 W Sheridan Chicago Ill
 Thomas Prods Co 8490 Lyndon Ave Detroit 38 Mich
WAGNER MFG COMPANY 1ST & WASHINGTON CEDAR FALLS IOWA

► **BRACKETS, SINK**

American Foundry and Mfg Co 1015 Herbert St St Louis 7 Mo
STANLEY WORKS NEW BRITAIN CONN
 Swett (A L) Iron Wks 145 Glenwood Ave Medina NY

► **BRACKETS, STUD**

Clay Equipment Corp 23 Builder St Cedar Falls Iowa
 National Plaster Block Co 2236 N 27th St Philadelphia 32 Pa
WAGNER MFG COMPANY 1ST & WASHINGTON CEDAR FALLS IOWA

► **BRACKETS, WALL**

AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
 Brainerd Mfg Co N Washington & Harris E Rochester NY
 Braun (J G) Co 537 W 35th St New York 1 NY
 Butler (B B) Mfg Co Inc 3150 Randolph Bellwood Ill
CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
 Flint (A W) Co 85 Lloyd St New Haven 6 Conn
 Heller (W C) & Co 1050 Bryant St Montpelier Ohio
 Ken-Ro-Bil Co Van Buren Ohio
 Parker (S) Hdwe Mfg Corp 27 Ludlow St New York 2 NY
 Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY
 Reflector Hardware Corp 2245 S Western Ave Chicago 8 Ill
 Superior Plastics Inc 410-430 N Oakley Chicago 12 Ill
 Tennessee Fabricating Co 1490 Grimes St Memphis Tenn
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

► **BRACKETS, SHELF**

The Adams Co PO Box 268 Dubuque Iowa
AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
 American Steel and Iron Works 5800 and S Lowe Chicago 21 Ill
 Autyco Co Oakville Conn
 Busch (A G) and Co Inc 2632 N Central Ave Chicago 39 Ill
 Champion Hardware Co 3300 Miller St Geneva Ohio
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
 Davis & Siehl Co Dpt AB Bx 78 Sta A Cincinnati 23 Ohio
 Favaco Mfg Div 1703 Front St Cuyahoga Falls O
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Garden City Plating & Mfg Co 1760 N Ashland Ave Chicago 33 Ill
 Genaco Tools 1830 N Kostner Ave Chicago 39 Ill
 Griffin Mfg Co 1515 Cherry St Erie 6 Pa
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
 Heller (W C) & Co 1050 Bryant St Montpelier Ohio

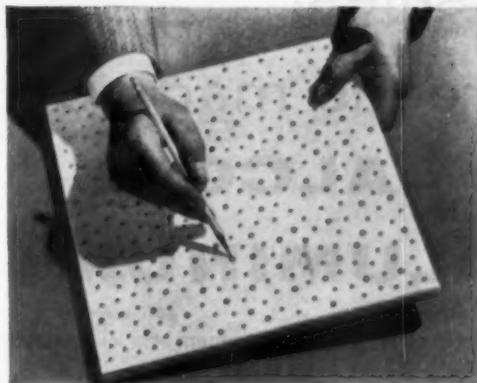
► **BRANDS, BURNING**

Everhot Mfg Co 57 S 19th Ave Maywood Illinois

Dramatic new sales feature

Be first in your area to capitalize on Sound Conditioning

*Quiet homes are easier to sell. Now
Cushiontone gives your houses beauty and
quiet—plus national advertising support*



ESPECIALLY DESIGNED FOR HOMES. Armstrong Cushiontone with the new Full Random design is smartly styled for the home. Women like the modern appearance of Cushiontone Full Random—it eliminates the old-fashioned tile look. Cushiontone is a pre-painted ceiling finish that gives your houses a salable new feature—quiet. It can easily be washed or repainted.



FIRST TO BE PROMOTED NATIONALLY FOR HOMES. With Cushiontone you can cash in on the sales appeal of a nationally known brand name. Right now families in your area are reading full-page ads in *The American Home* and *Better Homes and Gardens* that tell how Armstrong Ceilings add new comfort by quieting kitchens, game rooms, and entire houses.



QUIET KITCHENS MAKE IMPRESSION. Demonstrate the benefits of Cushiontone. Slam a door, clap your hands, ask prospects to raise their voices. They'll hear how the sharp edge is taken off distracting noise. If you have open planning, explain how Cushiontone prevents kitchen sounds from spreading. "Built in" quiet will make a strong impression on prospects and may often be the important extra that will close the sale.



GET FREE PROMOTIONAL MATERIAL. Merchandise the new comfort of sound conditioning by putting up signs in front of your homes and in every sound-conditioned room. Give prospects Cushiontone literature. Feature Cushiontone in your local advertising. For free material, see your Armstrong building products dealer or write Armstrong Cork Company, 4204 Rider Avenue, Lancaster, Pennsylvania.

EASY TO INSTALL. No special skill or tools required. Just nail 1" x 3" furring to joists, nail 12" x 12" Cushiontone to furring, and the ceiling is finished. With one low-cost, quickly installed material you have a finished ceiling that also sound conditions your houses.

Armstrong CEILINGS

Cushiontone® • Temlok® Tile • Perforated Temlok Tile

The smart-looking tiles that quiet homes

Dave Garroway,
star of NBC-TV's "Today"
is telling your customers
to look for screens made of
ALCOA ALUMINUM!

This year more than ever before your customers will want aluminum screens. Dave Garroway, on his NBC-TV show "Today" is telling home buyers to insist on aluminum screens. Edward R. Murrow's "See It Now" . . . House Beautiful . . . House & Garden —they're all building up customer demand for homes with aluminum screens.



Ride the tide to more sales!

Feature screens made of

**ALCOA
ALUMINUM!**



Screens made of ALCOA aluminum help sell houses! Today's buyers look for extras. And the extra value, extra beauty and convenience of quality aluminum screens give you an extra sales appeal that prospects see and appreciate immediately.

Screens made of ALCOA aluminum are the finest you can install. They won't rust, sag or burn. They won't stain walls or siding. They're virtually as permanent as the house itself. Dress up your houses for faster summer selling. See your building supply dealer now about combination windows and doors or framed screens made of ALCOA aluminum.

Look for the screens
that have this label



ALCOA 
ALUMINUM

ALUMINUM COMPANY OF AMERICA

AMERICAN BUILDER

Kingland Clay Prods Co Lyndhurst NJ
 Las Vegas Brick Co Las Vegas NM
 Lewiston Brick & Tile Co Lewiston Mont
 Lovell Clay Prods Co Lovell Wyo
 Mason City Brick & Tile Co Mason City Ia
 Metropolitan Brick Inc 1017 Renkert Bldg
 Canton 2 Ohio
 Milliken Brick Co 2100 Montier St Pittsburgh
 21 Pa
 Minneapolis Builders Supply Co 927 Second
 Ave S Minneapolis Minn
 Moorhead Brick and Tile Co 5th and C G W
 Ry St Joseph 41 Mo
 Oeonee Clay Prods Company PO Box 262
 Milledgeville Ga
 Patton Clay Mfg Co Terra Cotta Ave Patton
 Pa
 Peoria Brick & Tile Co PO Box 515 Peoria III
 Purinton Paving Brick Co PO Box 110
 Galesburg Ill
 Red River Valley Brick Corp Grand Forks ND
 Redfield Brick & Tile Co Redfield Iowa
 Reno Press Brick Co PO Box 116 Reno Nev
 Richland Shale Prods Co Columbia SC
 Roanoke Webster Brick Co Inc PO Box 780
 Roanoke Va
 Robinson Clay Prods Co 65 West State St
 III Akron 9 Ohio
 Rockford Brick & Tile Co Rockford Ia
 Sacramento Brick Co Sacramento Calif
 Sheffield Brick & Tile Co Sheffield Iowa
 Sheridan Press Brick & Tile Co Sheridan Wyo
 Southern Brick & Tile Co Louisville Ky
 Standard Brick & Tile Corp 123 NW 4th St
 Evansville 8 Ind
 Summit Pressed Brick & Tile Co 13th & Erie
 Pueblo Colo
 United Brick and Tile Co 903 McGee St Kan-
 sas City 42 Mo
 Washington Brick & Lime Co Box 2198 Spo-
 kane 10 Wash
 West Virginia Brick Co Charleston W Va
 Western Brick Co Danville Ill
 Western Brick & Supply Co Omaha Neb
 Wisconsin Face Brick & Supply Corp 4485
 N Green Bay Milwaukee Wis
 Yankee Hill Brick Mfg Co 728 Stuart Bldg
 Lincoln 8 Neb

► BRICK, FACE

Acme Brick Co PO Box 425 Ft Worth Texas
 Ada Brick Co Ada Okla
 Adel Clay Prods Co 1118 Mulberry St Des
 Moines 9 Iowa
 Alliance Clay Prods Co 1500 S Mahoning
 Alliance Ohio
 Alton Brick Co PO Box 394 Alton III
 Alwina Brick Co New Oxford Pa
 Ashe Brick Co Van Wyck SC
 Baltimore Brick Co 3200 E Madison Baltimore
 5 Md
 Beacon Brick Co 619 Beacon Bldg Wichita 2
 Kans
 Heldon Brick Co Canton Ohio
 Hinghamton Brick Co Inc Binghamton NY
 Birmingham Building Prods Corp 3260 Fayette
 Ave Birmingham 8 Ala
 Black Hills Clay Prods Co Box 730 Belle
 Fourche SD
 Bowerston Shale Co Box 1 Bowerston Ohio
 Broad River Brick Co Route 1 Gaffney SC
 Brookhaven Pressed Brick Mfg Co Brookhaven
 Miss
 Brooks Brick Co Brewer Me
 Builders Brick Co 3800-9th Ave S Seattle 8
 Wash
 Hush (W G) and Co Nashville Tenn
 Chatham Brick & Tile Co Inc Gulf NC
 Chehalis Brick and Tile Co Box 868 Chehalis
 Wash
 Cherokee Brick Co PO Box 58 Macon Ga
 Chicago Fire Brick Co 1461 N Elston Chicago
 22 Ill
 Clay City Pipe Co Uhrichville Ohio
 Claycraft Co Box 866 Columbus 16 Ohio
 Colonial Clay Prods Co PO Box 233 New
 Brighton Pa
 Columbia Brick Works 1320 S E Water Ave
 Portland 14 Ore
 Conco Building Prods Inc Box 111 Mendota
 Ill
 Concord Brick Co Concord NH
 Consolidated Brick Co PO Box 127 Horseheads
 NY
 Consumers Co 79 W Monroe St Chicago 3 Ill
 Craycroft Brick Co Fresno Calif
 Denmore Brick Co 162 Hanover St Lebanon
 NH
 Denver Sewer Pipe & Clay Co 4501 Fox St
 Denver 1 Colo
 Donnelly Brick Co PO Box 1107 New Britain
 Conn
 Drury Brick Co Essex Junction Vt
 Elgin-Butler Brick Co PO Box 816 Austin
 Texas
 Elgin-Standard Brick Co Box 546 Elgin Texas
 El Paso Brick Co PO Box 136 El Paso Texas
 Evans Brick Co Uhrichville Ohio
 Evans Pipe Co 23 Newport Ave Uhrichville
 Ohio
 Fairfield Brick Co Zouville Ohio
 Fayette Brick & Tile Co Fayette Mo

Florida-Georgia Brick & Tile Co 589 Nixon St
 Jacksonville Fla
 Fraser Brick Co 2501 Cedar Springs Dallas
 Texas
 Frederick Brick Works Frederick Md
 Gagnon Clay Prods Co 526 S Broadway Green
 Bay Wisc
 General Clay Prods Co 1445 W Goodale Bl
 Columbus 8 Ohio
 General Shale Prods Corp Johnson City Tenn
 Glen-Gery Shale Brick Corp Box 182 Wyomia-
 sing Pa
 Great Falls Brick Co PO Box 220 Great Falls
 Mont
 Guignard Brick Works Columbia SC
 Hall-Wheeler Brick Co Inc PO Box 162 Jones-
 boro Ark
 Hancock Brick & Tile Co Findlay Ohio
 Hanley Co 101 Park Ave New York NY
 Harristville Brick Co PO Box 447 Ogden Utah
 Hattiesburg Brick Works Hattiesburg Miss
 Hope Brick Works PO Box 389 Hope Ark
 Humboldt Brick & Tile Co 822 Bridge Hum-
 boldt Kan
 Hydraulic Press Brick Co 705 Olive St St
 Louis Mo
 Illinois Brick Co 228 N La Salle St Chicago
 Ill
 International Brick Co El Paso Texas
 Interstate Brick Co 3100 S 11th East Salt
 Lake City Utah
 Isenhour Brick & Tile Co PO Box 1249 Sallu-
 bury NC
 Jenkins Brick Co PO Box 91 Montgomery Ala
 Kalo Brick & Tile Co 1230 1st Ave S Fort
 Dodge Ia
 Kendrick Brick & Tile Co 3235 S Boulevard
 Charlotte NC
 Kingsland Clay Prods Co Lyndhurst NJ
 Kraftite Co Niles Calif
 Laredo Brick Tile Co Inc PO Box 1393 La-
 redo Texas
 Las Vegas Brick Co Las Vegas NM
 Lewiston Brick & Tile Co Lewiston Mont
 Lovell Clay Prods Co Lovell Wyo
 Mason City Brick and Tile Co Mason City Ia
 Metropolitan Brick Inc 1017 Renkert Bldg
 Canton 2 Ohio
 Midland Brick & Tile Co Chillicothe Mo
 Milliken Brick Co 2100 Montier St Pittsburgh
 21 Pa
 Minneapolis Builders Supply Co 927 Second
 Ave S Minneapolis Minn
 Moorhead Brick and Tile Co 5th and C G W
 Ry St Joseph 41 Mo
 New England Brick Co 324 Rindge Ave Cam-
 bridge 40 Mass
 Oeonee Clay Prods Company PO Box 262
 Milledgeville Ga
 Old Virginia Brick Co Salem Va
 Pacific Clay Prods 1255 W 4th St Los Angeles
 Calif
 Paxton Brick Co Lock Box 154 Watsontown
 Pa
 Peoria Brick & Tile Co PO Box 515 Peoria III
 Purinton Paving Brick Co PO Box 110
 Galesburg Ill
 Redfield Brick and Tile Co Redfield Iowa
 Reno Press Brick Co PO Box 116 Reno Nev
 Richards Brick Co Edwardsville Ill
 Roanoke Webster Brick Co Inc PO Box 780
 Roanoke Va
 Rockford Brick & Tile Co Rockford Iowa
 Rote Trading Corp 41 East 42nd St New York
 17 NY
 Sheffield Brick & Tile Co Sheffield Iowa
 Sheridan Press Brick & Tile Co Sheridan Wyo
 Silbrico Corp 5901 W 66th St Chicago 38 Ill
 Southern Brick Co Ninety-Six SC
 Southern Brick & Tile Co Louisville Ky
 Standard Brick & Tile Corp 123 NW 4th St
 Evansville 8 Ind
 Stone Creek Brick Co Stone Creek Ohio
 Streater Brick Co Div Hydraulic-Press Brick
 Co 321 E Main St Streater Ill
 Summit Pressed Brick & Tile Co 13th & Erie
 Pueblo Colo
 Summitville Face Brick Co Summitville Ohio
 Texas Brick Co PO Box 510 Brownwood Texas
 Twin City Brick Co 1407 Marshall Ave St Paul
 4 Minn
 United Brick and Tile Co 903 McGee St Kansas
 City 42 Mo
 United Materials & Richmond Brick Co Ltd
 PO Box 7 Point Richmond Cal
 Washington Brick & Lime Co Box 2198 Spo-
 kane 10 Wash
 Watsontown Brick Co Watsontown Pa
 West Virginia Brick Co Charleston W Va
 Western Brick Co Danville Ill
 Western Brick Co Clinton Okla
 Western Brick & Supply Co Omaha Nebr
 Williamson Clay Prods Co PO Box 1267 Port-
 land Ore
 Wisconsin Face Brick & Supply 4485 N Green
 Bay Milwaukee Wis
 Yankee Hill Brick Mfg Co 728 Stuart Bldg
 Lincoln 8 Neb

► BRICK, SCR

Acme Brick Co PO Box 425 Ft Worth Texas
 Acme Shale Brick Co 1153 Main Buffalo 9
 NY

Adel Clay Prods Co 1118 Mulberry St Des
 Moines 9 Iowa
 Black Hills Clay Prods Co Box 730 Belle
 Fourche SD
 Builders Brick Co 3800-9th Ave S Seattle 8
 Wash
 Claycraft Co Box 866 Columbus 16 Ohio
 Consolidated Brick Co PO Box 127 Horseheads
 NY
 Elgin-Standard Brick Mfg Co Box 546 Elgin
 Texas
 General Shale Prods Corp Johnson City Tenn
 Glen-Gery Shale Brick Corp Box 182 Wyomia-
 sing Pa
 Kalo Brick & Tile Co 1230 1st Ave S Fort
 Dodge Ia
 Kendrick Brick & Tile Co 3235 S Boulevard
 Charlotte NC
 Kraftite Co Niles Calif
 Laredo Brick Tile Co Inc PO Box 1393 Laredo
 Texas
 Peoria Brick & Tile Co PO Box 515 Peoria III
 Rockford Brick & Tile Co Rockford Ia
 Streater Brick Co Div Hydraulic-Press Co
 321 E Main St Streater Ill
 United Brick and Tile Co 903 McGee St Kansas
 City 42 Mo
 United Materials & Richmond Brick Co Ltd
 PO Box 7 Point Richmond Cal
 Western Brick Co Danville Ill

► BRICK, VENEER, SYNTHETIC

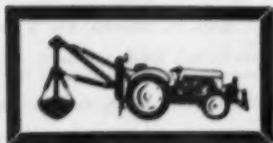
AMERICAN CEMENT PRODS 7306 PURI-
 TAN AVE DETROIT 38 MICH
 Gold Seal Asphalt Roofing Co PO Box 302
 Chicago Heights Ill
 Kraftite Co Niles Calif

► BRIDGING, STEEL

Weatherguard Service Inc 564 Jackson Ave
 New York 55 NY
 Allen Steel Prods Inc 2941 E Ten Mile Rd
 Hazel Park Mich
BETHLEHEM STEEL CO BETHLEHEM PA
BRAINARD STEEL DIV SHARON STEEL
CORP GRISWOLD ST WARREN OHIO
CLEVELAND STEEL SPECIALTY CO 3771
E 91ST ST CLEVELAND 5 OHIO
 Cover Steel & Wire Co 600 E 132nd St New
 York 34 NY
DONLEY BROTHERS CO 13910 MILES AVE
CLEVELAND 5 OHIO
 Dravo Corp Dravo Bldg Pittsburgh 22 Pa
 Glover Bridge Co US 31 & 32nd St Holland Mich
 Glover Mfg & Sales Co 2491 Manchester Rd
 Akron Ohio
 Harrison Inc 200 E Long St Columbus Ohio
 Heckmann Building Products Co 4018 West
 Lake Chicago 24 Ill
 Hohmann & Barnard Inc 204 East 33rd St
 New York 16 NY
 International Steel Co 1321 Edgar St Evans-
 ville 7 Ind
JUNIOR-RO PRODS CO 3206 MORGAN-
FORD RD ST LOUIS 16 MO
 Lanebro Mfg Co 110 Main St W Poughkeepsie
 NY
 Macquon Service 312 Savings and Trust Bldg
 Butler Pa
 Met-Cro Specialties Co Inc PO Box 406 Port-
 chester NY
MORGAN-WIGHTMAN SUPPLY CO 1541
SALZMAN ST LOUIS MO
 Republic Steel Corp Republic Bldg Cleveland 1
 Ohio
STA-TITE INC 4020 PORT WASHINGTON
MILWAUKEE 12 WIS

► BUCKETS, CLAMSHELL

BADGER MACHINE CO WINONA MINN
 Blaw-Knox Equipment Div Blaw-Knox Co
 Farmers Bank Bldg Pittsburgh 30 Pa
 Erie-Strayer Co Glast & NPRR Erie Pa
 George Hais Mfg Co Inc 350 Fifth Ave New
 York 1 NY
 Johnson (CS) Co The PO Box 71 Champaign
 Ill
 Kwik-Mix Co Port Washington Wis
 Orton Crane & Shovel Co 608 S Dearborn St
 Chicago 5 Ill
 Owen Bucket Co 6001 Breakwater Av Cleve-
 land 2 Ohio
 Pettibone Mulliken Corp 4700 W Division Chi-
 cago 51 Ill
 Schield Bantam Co 221 Park St Waverly Iowa



SHAWNEE HYDRO-CLAM

Digs straight down, leaving square corners. Side digging performed easily: 11,000-pound pressure on clam makes it bite easily into the toughest ground. Ideal for all spot excavating.

Shawnee Manufacturing Co., Inc.
1947 J J Topeka Ave., Topeka, Kansas

Silent Hoist & Crane Co 875-63rd St Brooklyn
20 NY

BUCKETS, CONCRETE

Blaw-Knox Equipment Div Blaw-Knox Co
Farmers Bank Bldg Pittsburgh 30 Pa
Erie-Strayer Co Giesl & NRRR Erie Pa
Holtzel Steel Form & Iron Co Warren Ohio
Johnson (C S) Co The PO Box 71 Champaign
Ill
Kwik-Mix Co Port Washington Wis
Wheeling Corrugating Co 1134 Market St
Wheeling W Va

BUILDINGS, METAL

American Bridge Div US Steel Corp 525 Wil-
liam Penn Pittsburgh 30 Pa
Armo Drainage and Metal Prods Inc 703
Curtis St Middletown Ohio
Butler Mfg Co 7400 E 13th St Kansas City 26
Mo
Columbian Steel Tank Co 1401 W 12th St
Kansas City Mo
Decatur Iron & Steel Co 2nd Street West
Decatur Ala
Great Lakes Steel Corp Stran-Steel Div Ecorse
29 Mich
**INLAND STEEL PRODS CO 4111 W BURN-
HAM MILWAUKEE WIS**
International Steel Co 1321 Edgar St Evans-
ville 7 Ind
Luria Engineering Co 511 Fifth Ave New York
17 NY
Macomber Inc 1925 Tenth Canton Ohio
MacQueen Service 312 Savings Trust Bldg
Butler Pa
Mesker (George L) Steel Corp 400 NW First St
Evansville 8 Ind
Quaker State Metals Co Manheim Pike at City
Bysses Lancaster Pa
**STEELCRAFT MFG CO 9917 BLUE ASH RD
ROSSMOYNE OHIO**
Stran-Steel Div Great Lakes Steel Corp Ecorse
29 Mich
**TRUSCON STEEL DIV REPUBLIC STEEL
CORP 1050 ALBERT ST YOUNGSTOWN 1
OHIO**
Tyra (R K) Co Highway 61 Tyra Minn
**UNITED STEEL FABRICATORS INC 333
GASCHE ST WOOSTER OHIO**
Wagner Iron Works 1905 S 1st St Milwaukee
1 Wis

BULLDOZERS

American Tractor Corp Terra Drive Chur-
busco Ind
Arps Corp New Holstein Wis
Caterpillar Tractor Co 600 W Washington East
Peoria 8 Ill
Deere & Co Moline Ill
Drott Mfg Corp 3841 W Wisconsin Milwaukee
8 Wis
Heil Co 3000 W Montana St Milwaukee 2 Wis
International Harvester Co 180 N Michigan
Ave Chicago 1 Ill
Letourneau-Westinghouse Co 2301 N Adams
St Peoria Ill
**OLIVER CORP 400 W MADISON ST CHI-
CAGO ILL**



**SHAWNEE
Tractor Mounted
BULLDOZER**

No pressure on front
exte. Double acting
hydraulic cylinder gives up, down pressure.

SHAWNEE MANUFACTURING CO., INC.
1947 J J Topeka Ave., Topeka, Kansas

Wood (Gar) Industries Inc Michigan Blvd
Wayne Mich

BURNERS, GAS

Aeroll Products Co Inc 69 Wesley St S Hacken-
sack NJ
**AIRLINE PRODS DIV BORG-WARNER
CORP KALAMAZOO MICH**
**AIRTEMP DIV CHRYSLER CORP 1610 WEB-
STER ST DAYTON 1 OHIO**
Aldrich Co 111 Williams St Wyoming Ill
**AMERICAN RADIATOR & STANDARD
SANITARY CORP BESSEMER BLDG
PITTSBURGH 30 PA**
Stratton & Terstege Co Anchor Div 300 Cul-
bertson Ave New Albany Ind
Armstrong Furnace Co 851 W 3rd Ave Colum-
bus Ohio 8
Barber Gas Burner Co 3704 Superior Ave
Cleveland 14 Ohio
Bard Mfg Co Bryan Ohio
Berger Corp Belle Vernon Pa
**BRYANT HEATER DIV AFFILIATED GAS
EQUIPMENT INC 17625 ST CLAIR AVE
CLEVELAND 19 OHIO**
Century Engineering Corp 401 Third SE Cedar
Rapids Iowa
Cleveland Steel Prods Co 16025 Brookpark Rd
Cleveland 11 Ohio
Steel Prods Engineering Co Combustioneer Div
1205 W Columbia St Springfield Ohio
Conco Engineering Works Div Conkey (H D)
Co 1946 Thomas St Mendota Ill
Crane Co 836 S Michigan Chicago 5 Ill
**DELCO APPLIANCE DIV GENERAL
MOTORS CORP LYELL & WHITNEY ST
ROCHESTER NY**
Dewey-Shepard Boiler Co 1311 N Capitol Ave
Indianapolis Ind
Eureka Williams Co Div Henney Motor Co
Bloomington Ill
Florence Stove Co Rm 1459 Mds Mart Chi-
cago 53 Ill
Front Rank Mfg Co Div Liberty Foundry Co
2500 Ohio Ave St Louis 4 Mo
Green Colonial Furnace Co 316 SW 3rd St
Des Moines Iowa
Harms All Gas Co Allison Iowa
Hauck Mfg Co 124-38 10th St Brooklyn 15 NY
Heil Co 3000 W Montana St Milwaukee 2
Wis
Henry Furnace Co Medina Ohio
Holland Furnace Co Holland Mich
International Mfg Co 675 Rio Grande Ave
Littleton Col
International Oil Burner Co 3800 Park Ave
St Louis 10 Mo
**IRON FIREMAN MFG CO 3170 W 106TH ST
CLEVELAND 11 O**
Jackson & Church Co 321 N Hamilton St
Saginaw Mich
Janitrol Div Surface Combustion Corp 400
Dublin Ave Columbus 18 Ohio
Ko-z-air Prods Inc 401 W Coolbaugh St Red
Oak Iowa
**LENNOX FURNACE CO 200 S 12TH AVE
MARSHALLTOWN IOWA**
**LITTLE (H C) BURNER CO PO BOX 60
SAN RAFAEL CALIF**
Meyer Furnace Co 1300 S Washington Peoria
Ill
Mueller Climatrol Corp 2095 W Oklahoma St
Milwaukee 15 Wis
National Airoll Burner Co 1284 E Sedgley Ave
Philadelphia 34 Pa
National Radiator Co 223 Central Ave John-
stown Pa
**NIAGARA FURNACE DIV FOREST CITY
FOUNDRIES CO 250 W 27TH ST CLEVE-
LAND 13 OHIO**
Norge Heat Div Borg-Warner Corp 760 E Vine
St Kalamazoo Mich
Olsen (C A) Mfg Co Filbert St Elyria Ohio
Penn Boiler & Burner Mfg Corp Fruitville Rd
Lancaster Pa
Petro 3170 W 106th St Cleveland 11 Ohio
Queen Stove Works Inc 505 Front St Albert
Lea Minn
Ray Oil Burner Co 491 Bernal Av San Fran-
cisco Cal
**ROBERTS GORDON APPLIANCE CORP
44 CENTRAL AVE BUFFALO 6 NY**
Rybolt Heater Co 615-Miller St Ashland Ohio

**SUNBEAM AIR CONDITIONER DIV AMERI-
CAN RADIATOR & STANDARD SANI-
TARY CORP ELYRIA OHIO**
Thatcher Furnace Co Center St Garwood NJ
Timken Silent Automatic Div Rockwell Mfg Co
209 E Washington Jackson Mich
Wayne Home Equipment Co Inc 801 Glasgow
Ave Fort Wayne 4 Ind
Will-Burt Co 202 S Main St Orrville Ohio
**WILLIAMSON HEATER CO 3500 MADISON
ROAD CINCINNATI 9 OHIO**
York-ShIPLEY Inc PO Box 349 York Pa
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BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY
Barland Weatherstrip Material 1960 E 59th St Cleveland 3 Ohio
Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
Biddle Co 608-624 S Main St Louis 8 Mo
Blue Ridge Talc Co Inc Henry Va
Braun (J G) Co 537 W 35th St New York 1 NY
Briggs-Maroney Co Inc 85 Paris St Everett 49 Mass
CALBAR PAINT AND VARNISH CO 2612-26 N MARTHA PHILADELPHIA 25 PA
Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CENTRAL METAL STRIP CO 4343 N WESTERN AVE CHICAGO 18 ILL
Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 18 Ill
CHAMBERLIN CO OF AMERICA 1254 LABROSSE ST DETROIT 26 MICH
Chemical Supply Co 3540 Norton Cleveland Ohio
Concor Co 4550 Main St Kansas City Mo
Continental Asbestos & Refining Corp 1 Madison Ave New York 10 NY
Dad & Lad Co New Lenox Ill
Dennis Chemical Co 2701 Papin St St Louis Mo
Dennis (W J) & Co 4444 Irving Pk Rd Chicago 41 Ill
Devco & Reynolds Co Inc 787 First Ave New York 17 NY
Dicks-Pontius Co 5300 Huberville Rd Dayton Ohio
Division Lead Co 7742 W 61st Place Summit Ill
Dolphin Paint & Varnish Co 922 Locust St Toledo 3 Ohio
Ever-Plastics Corp 420 Lexington Ave New York 17 NY
Felton Sibley & Co Inc 136 N 4th St Philadelphia 6 Pa
Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill
Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa
Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
Gibson-Homans Co 2366 Woodhill Rd Cleveland 6 Ohio
GLIDDEN CO BREA RD & MADISON CLEVELAND 2 OHIO

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KANSAS CITY 8 MO
Gordon Chemical Co Inc 1100 Hickory Kansas
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City 2 NJ
Haynes Prods Co 4007 Farnam St Omaha 3
Neb
Horn (A C) Co Inc 252 Townsend St San
Francisco Calif
Horn (A C) Co Inc Tenth St & 44th Long
Island City 1 NY
JOHNS-MANVILLE CORP 22 EAST 40TH
ST NEW YORK 16 NY
Landen Potty Works 45 Irving St Malden
Mass
Lastik Prods Co Inc 203 Iroquois Bldg Pitts-
burgh 13 Pa
Lasting Prods Co Franklinton Rd Baltimore
23 Md
Lawrence (W W) & Co 1124-32 W Carson
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Lieber Co Inc 1210 N Hoyne Chicago 22 Ill
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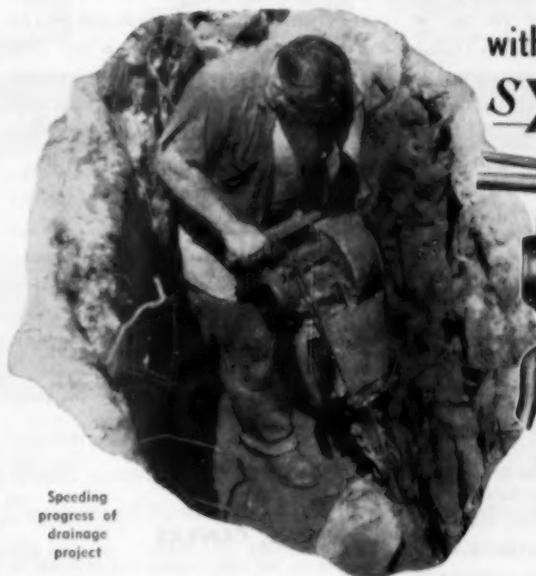
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Cleveland 9 Ohio
Minnesota Mining and Mfg Co 900 Fauquier
Ave St Paul 8 Minn
Minwax Co Inc 11 W 42nd St New York 36
NY
MIRACLE ADHESIVES CORP 214 E 53RD
ST NEW YORK 22 NY
Monroe Co Inc 10703 Quebec Ave Cleveland 6
Ohio
Moore (Benjamin) and Co 511 Canal St New
York 13 NY
Mortell (J W) Co 550 N Hobbie Ave Kan-
kakee Ill
Old American Roofing Mills Div Ruberoid Co
500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd
Kansas City Mo
Parker (Ira) and Sons Oshkosh Wis
Pecora Paint Co Inc 4th St & Rdg RR
Philadelphia 40 Pa
PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE PITTSBURGH 22 PA
Plastic Products Co 6473 Georgia Ave Detroit
11 Mich
Prestatite Engineering Co 3900 Chouteau Ave
St Louis 10 Mo
Quitley Co Inc 527 Fifth Ave New York 17
NY
Ranette Mfg Co 1917 S Broadway St Louis
4 Mo
Robinson Clay Prods Co 65 West State St
Akron 9 Ohio
Rockford Paint Mfg Co 200 Sayre St Rock-
ford Ill
RUBEROID CO 500 5TH AVE NEW YORK
36 NY
Schalk Chemical Co 351 E 2nd St Los Angeles
12 Calif
Seal Rite Caulking Co 17300 Wyoming Ave
Detroit Mich
Servicised Prods Corp 6051 W 65th St Chi-
cago 38 Ill
Sika Chemical Corp 35 Gregory Ave Passaic
NJ
Smooth-On Mfg Co 574 Communipaw Jersey
City 4 NJ
Sonnborn & Sons Inc Building Prods Div
404 Fourth Ave New York 16 NY
Spray-O-Bond Co 2225 N Humboldt Milwaukee
12 Wis
Stay-Tite Prods Co 9400 Steinway Ave Cleve-
land 4 Ohio
Steelcote Mfg Co 3418 Gratiot St St Louis 3
Mo
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 United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa
 United Laboratories Inc 16801 Euclid Ave Cleveland 12 Ohio
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 Van Chief Bros Inc 7800 S Woodlawn Chicago 19 Ill
 Wallace Mfg Co 10th & Fayette North Kansas City Mo
 Warnica Prods 6416-18 E Ashld Ave Chicago 36 Ill
 Weatherguard Service Inc 564 Jackson Ave New York 55 NY
 Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass
 Wisconsin Face Brick & Supply Corp 4485 N Green Bay Milwaukee Wis
 X-Pando Corp 43-15 36th St LI City 1 NY
ZEGERS INC 8999 S CHICAGO AVE CHICAGO 17 ILL

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 Pressette Engineering Co 3990 Chouteau Ave St Louis 10 Mo
STERLING PAINT & VARNISH CO 184 COMMERCIAL ST MALDEN 48 MASS

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 Klauer Mfg Co 9th & Wash Sts Dubuque Iowa
NATIONAL ALUMINUM CO COLUMBUS OHIO
REYNOLDS METALS CO BUILDING PRODS DIV 2901 S NINTH ST LOUISVILLE 1 KY
 Rigidized Metals Corp 658 Ohio St Buffalo 3 NY
 Tech Fast Mfg Co Lonaconing Md
 Tension Bros Inc 450 N Bellevue Memphis 1 Tenn
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 Lok Products Co 5109 San Fernando Los Angeles 39 Cal
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 Neo-Ray Prods Inc 313-23 East 22nd St New York 10 NY
 Stewart Iron Works Inc PO Box 1039 Cincinnati 1 Ohio
 Suspended Ceiling Div Sanymetal Prods Inc 2093 E 19th St Cleveland 15 Ohio
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

► CEMENT, ACID-PROOF

Atlas Mineral Prods Co Mertzstown Pa
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 NY
 Mexico Refractories Co Love and Cole Sts Mexico Mo
 Nukem Prods Corp 111 Colgate Ave Buffalo 20 NY
 Pecora Paint Co Inc 4th St & Rdg RR Philadelphia 40 Pa
 Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa
 Quigley Co Inc 527 Fifth Ave New York 17 NY
 Robinson Clay Prods Co 65 West State St Akron 9 Ohio
 Sauereisen Cements Co 1045 N Canal St Pittsburgh 15 Pa
UNIVERSAL ATLAS CEMENT CO 100 PARK AVE NEW YORK 17 NY
 Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill

► CEMENT, ASBESTOS

Abesto Mfg Corp 131 Wabash St Michigan City Ind
 Acme Asbestos Covering & Flooring Co 230 N Elizabeth Chicago 7 Ill

Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 Badger Corrugating Co 1801 West Ave So La Crosse Wis
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Clinton Metallic Paint Co Arthur St Clinton NY
 Curtis Mfg & Asbestos Co 29 Lewis Wharf Boston 10 Mass
 Eagle-Fleher Co American Bldg Cincinnati 1 Ohio
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 26 NY
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 Lastik Prods Co Inc 293 Iroquois Bldg Pittsburgh 15 Pa
 Lehon Co Madison at 25th Av Bellwood Ill
 Old American Roofing Mills Div Ruhroid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Pabco Products Inc 475 Brannan St San Francisco Cal
 Pecora Paint Co Inc 4th St & Rdg RR Philadelphia 40 Pa
 Plastic Products Co 6475 Georgia Ave Detroit 11 Mich
 Pibrico Jointless Firebrick Co 1800 N Kingsbury Chicago 14 Ill
RUBEROID CO 500 5TH AVE NEW YORK 36 NY
 Rutland Fire Clay Co Curtis Ave Rutland Vt
 Salt Mountain Co Box 777 Hamilton Ohio
 Standard Asbestos Mfg Co 860 W Evergreen Av Chicago 22 Ill
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 Fanner Mfg Co Brookside Park Cleveland 9 Ohio
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 Wagner Awning & Mfg Co Scranton & Barber Cleveland 1 Ohio
 Webb Prods Co 216 S "C" St San Bernardino Cal

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CELOTEX CORP 129 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODUCTS CORP 120 E LANCASTER AV ARDMORE PA
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
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UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

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Alpha Portland Cement Co Alpha Bldg Easton Pa
 Ash Grove Lime and Portland Cement Co Fairfax Bldg Kansas City Mo
 Calaveras Cement Co 315 Montgomery San Francisco Cal
 Consolidated Cement Corp 111 W Monroe St Chicago 11 Ill
 Dewey Portland Cement Co 424 Nichols Rd Kansas City 2 Mo
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 Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
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 Huron Portland Cement Co 1325 Ford Bldg Detroit 26 Mich
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 Keystone Lime Works Inc Keystone Ala
 Kosmos Portland Cement Co 1527 Starks Bldg Louisville 2 Ky
 Lehigh Portland Cement Co 718 Hamilton St Allentown Pa
LONE STAR CEMENT CORP 100 PARK AVE NEW YORK 17 NY
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Marquette Cement Mfg Co 20 N Wacker Dr Chicago 6 Ill
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 North American Cement Corp 41 East 42nd St New York 17 NY
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 Ash Grove Lime and Portland Cement Co Fairfax Bldg Kansas City Mo
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 Consolidated Cement Corp 111 W Monroe St Chicago 11 Ill
 Cumberland Portland Cement Co Chattanooga Tenn
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 Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla
 Florida Portland Cement Div General Portland Cement Co PO Box 1528 Tampa Fla
GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO 3 ILL
 Hawkeye Portland Cement Co Hubbell Bldg Des Moines Iowa
 Hermitage Portland Cement Co Nashville Tenn
 Huron Portland Cement Co 1325 Ford Bldg Detroit 26 Mich
 Ideal Cement Co Colorado Div 500 Denver Natl Bank Bldg Denver 2 Colo
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 Interstate Brick Co 3100 S 11th E Salt Lake City Utah
 Kosmos Portland Cement Co 1527 Starks Bldg Louisville 2 Ky
 Lehigh Portland Cement Co 718 Hamilton St Allentown Pa
LONE STAR CEMENT CORP 100 PARK AVE NEW YORK 17 NY
LOUISVILLE CEMENT CO 501 S 2ND ST LOUISVILLE 2 KY
 Marquette Cement Mfg Co 20 N Wacker Dr Chicago 6 Ill
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 North American Cement Corp 41 East 42nd St New York 17 NY
 Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich
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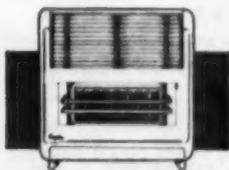
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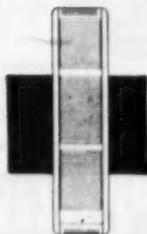
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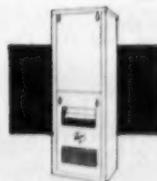
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Kosmos Portland Cement Co 1527 Starks Bldg Louisville 2 Ky
Lehigh Portland Cement Co 718 Hamilton St Allentown Pa
LONE STAR CEMENT CORP 100 PARK AVE NEW YORK 17 NY
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Marquette Cement Mfg Co 20 N Wacker Dr Chicago 6 Ill
Medusa Portland Cement Co 1000 Midland Bldg Cleveland 15 Ohio
North American Cement Corp 41 East 42nd St New York 17 NY
Sullivan Co The 212 E Trigg Memphis Tenn
TRINITY PORTLAND CEMENT DIV GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO ILL
UNIVERSAL ATLAS CEMENT CO 100 PARK AVE NEW YORK 17 NY

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LOUISVILLE CEMENT CO 501 S 2ND ST LOUISVILLE 2 KY
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Standard Lime & Stone Co 1st Natl Bnk Bldg Baltimore 3 Md

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Consolidated Cement Corp 111 W Monroe St Chicago Ill
Dewey Portland Cement Co 424 Nichols Rd Kansas City 2 Mo
GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO 3 ILL
Huron Portland Cement Co 1325 Ford Bldg Detroit 26 Mich
Lehigh Portland Cement Co 718 Hamilton St Allentown Pa
LONE STAR CEMENT CORP 100 PARK AVE NEW YORK 17 NY
LOUISVILLE CEMENT CO 501 S 2ND ST LOUISVILLE 2 KY
Marquette Cement Mfg Co 20 N Wacker Dr Chicago 6 Ill
Medusa Portland Cement Co 1000 Midland Bldg Cleveland 15 Ohio
Missouri Portland Cement Co 3615 Olive St St Louis 8 Mo
North American Cement Corp 41 East 42nd St New York 17 NY
Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich
Penn-Dixie Cement Corp 60 E 42nd St New York 17 NY
Permanente Cement Co 1924 Broadway Oakland Calif
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
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Medusa Portland Cement Co 1000 Midland Bldg Cleveland 15 Ohio
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TRINITY PORTLAND CEMENT DIV GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO ILL
UNIVERSAL ATLAS CEMENT CO 100 PARK AVE NEW YORK 17 NY

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Medusa Portland Cement Co 1000 Midland Bldg Cleveland 15 Ohio
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
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UNIVERSAL ATLAS CEMENT CO 100 PARK AVE NEW YORK 17 NY

▶ CEMENT, ROOFING

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Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill
Armstrong Co 1001 East 103rd St Chicago 28 Ill
Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
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Barrett Div Allied Chemical and Dye Corp 40 Rector St New York 6 NY
BIRD AND SON INC 47 WILSON ST EAST WALPOLE MASS
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Coopers Creek Chemical Corp River Rd West Conshohocken Pa
Curtis Mfg Co Asbestos Co 29 Lewis Wharf Boston 19 Mass
Dad & Lad Co New Lenox Ill
Devco & Reynolds Co Inc 787 First Ave New York 17 NY
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FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill
Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa
Gibson-Homans Co 2366 Woodhill Rd Cleveland 6 Ohio
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Harrison Paint & Varnish Co 1329 Harrison SW Canton 1 Ohio
Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
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Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa
Lastik Prods Co Inc 203 Iroquois Bldg Pittsburgh 13 Pa
Logan-Long Co 6600 S Central Ave Chicago 38 Ill
Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
Pabeo Prods Inc 475 Brannan St San Francisco Cal
Pecora Paint Co Inc 4th St & Rdg RR Philadelphia 40 Pa
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
RUBEROID CO 500 5TH AVE NEW YORK 36 NY
Rutland Fire Clay Co Curtis Ave Rutland Vt
Sonneborn (L) & Sons Inc Building Prods Div 404 Fourth Ave New York 16 NY
Steeleco Mfg Co 3418 Gratiot St St Louis 3 Mo
Sullivan Co The 212 E Trigg Memphis Tenn
Truscon Laboratories Div Devco & Reynolds Co Caniff at Grand Trunk Detroit 11 Mich
United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass

▶ CEMENT, TILE

Armstrong Co 1001 E 103rd St Chicago 28 Ill
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
Atlas Mineral Prods Mertstown Pa

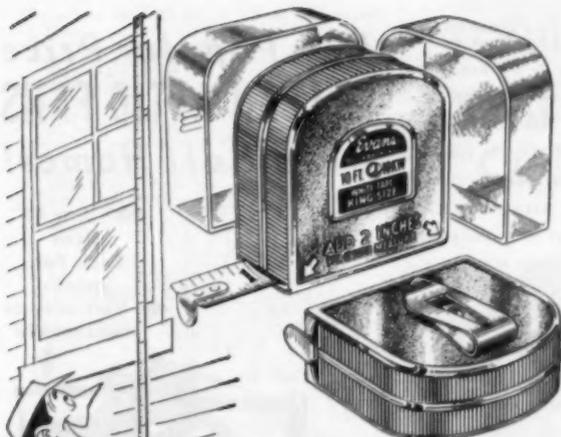
Bonafide Mills Inc 295 Fifth Ave New York NY
Boyle-Midway Inc 22 E 40th St New York 16 NY
Camp Co Inc 6958 S State Chicago 21 Ill
Christy Co Inc 5040 Daggett Ave St Louis 10 Mo
Commercial Paste Co The Bottles at Mich Columbus 8 Ohio
Consumers Glue Co 1515 Hadley St Louis 6 Mo
Davis Plywood Corp 12555 Beren Road Cleveland 11 Ohio
Diels-Pontius Co 5300 Huberville Rd Dayton Ohio
Douglas & Sturgess 475 Bryant St San Francisco Cal
HACHMEISTER INC PO BOX 357 PITTSBURGH 30 PA
Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Mo
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 NY
Lastik Prods Co Inc 203 Iroquois Bldg Pittsburgh 13 Pa
MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO
McGuffie (W W) and Co 3400 Theurer Ct Cleveland 9 Ohio
Medusa Portland Cement Co 1000 Midland Bldg Cleveland 15 Ohio
Minnesota Mining and Mfg Co 900 Fauquier Ave St Paul 6 Minn
MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY
MOORE (GOODLOE E) CO PO BOX 846 DANVILLE ILL
Pecora Paint Co Inc 4th St & Rdg RR Philadelphia 40 Pa
Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE PITTSBURGH 22 PA
Plastic Products Co 6473 Georgia Ave Detroit 11 Mich
Prestite Mfg Co 5850 W Ogden Ave Chicago 50 Ill
Reardon Co 7501 Page Ave St Louis 14 Mo
Sealk Chemical Co 351 E 2nd St Los Angeles 12 Cal
Selck (Walter E) & Co 223 West Hubbard Chicago 10 Ill
Sisk (R J) Co New London Conn
Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 Ill
Steeleco Mfg Co 3418 Gratiot St St Louis 3 Mo
Superior Plastics Inc 410-430 N Oakley Chicago 12 Ill
Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
Tileboard Corp 2550 Atlantic Ave Brooklyn NY
Tile-Tex Div Flintkote Co 1200 McKinley Ave Chicago Heights Ill
Tilette Cement Co Inc 401 Lafayette St New York 3 NY
Wallace Mfg Co 10th & Fayette North Kansas City Mo
Webb Prods Co 216 S "G" St San Bernardino Calif
Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
X-Pando Corp 43-15 36th St Long Island City 1 NY

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BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY
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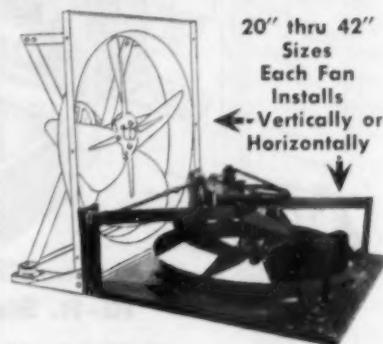
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- Finished natural mahogany, chemically sealed
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QUALITY CUSTOM HOMES AND COMMERCIAL BUILDINGS!

Can be Glazed with Double Strength, Crystal, Plate, Architectural Obscure Glass, as well as Sealed Glass Units.



- 1 Hollow-type aluminum extrusions for maximum strength . . . 63S-T5 alloy, minimum thickness .062".
- 2 Space for sliding sash to be lifted upward and into room for easy washing.
- 3 Hi-pile water and wear-resistant weatherstripping provides draft-free comfort—allows window to operate smoothly, quietly—eliminates rattling and whistling during wind-storms.
- 4 Prime glass set with aluminum stops—no putty to fall out.*
- 5 Storm window has an aluminum frame removable into room for cleaning.*
- 6 Full half-inch air space between panes of glass for highly efficient insulation—(U factor .58).
- 7 16 mesh non-rusting aluminum screen in rewirable extruded aluminum frame—will not stain. Removable from inside.
- 8 Storm sash is an integral built-in feature having same appearance as sealed glass units.
- 9 Specially designed weatherstripping seals track on which sliding sash rolls.

*Storm and prime glass readily replaceable from inside in event of breakage.

50 STANDARD SIZES

SPECIAL SIZES AND TYPES ARE AVAILABLE. DETAILS UPON REQUEST

	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"
2'-0" H	2020	2220	4420	4820	5620	6420	6820	8420	9120	9220	10220	10220	11520				
2'-6" H	2032	2232	4432	4832	5632	6432	6832	8432	9132	9232	10232	10232	11532				
3'-0" H																	
3'-6" H																	
4'-0" H																	
4'-6" H																	
5'-0" H																	
5'-6" H																	
6'-0" H																	

MUNTIN BAR WINDOWS are available for all sizes except 2' high series.

- ROLLS OPEN HORIZONTALLY—Effortless operation on grease-packed, dust-proof ball bearing rollers. No sash balances, springs, cranks or projecting hinges.
- FLUSH EXTERIOR—MODERN STYLING—Clean, smooth balanced sightlines and flush exterior enhance all architectural styling motifs.
- STACKING & TRANSOM ARRANGEMENTS—Installations up to 10' high. Write for technical details.
- EASY TO INSTALL—Reversible jamb fins facilitate installation in any type construction.

Peterson Windows are a favorite of architects because they are designed of heavy, sturdy aluminum extrusions and are available in sizes up to 10' wide by 6' high. They begin where the economy project window leaves off.



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**BUILT FOR LONG
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SCOUT DITCHER

A money-making tool! The SHAWNEE SCOUT digs 12 feet deep. Operates in a 160° arc, and reaches 14 feet. Bucket can be hoisted 8 feet high to load into dump trucks.



SHAWNEE DITCHER

Economy Model 62 for fast low-cost digging. The original backhoe type ditcher for light work. Operating arc 145°. Digs 7½ feet, loads 6½ feet. Reach 10 feet. Available with or without hydraulically operated bucket.



HYDRO-CLAM

Digs straight down, forms square corners and flat bottom. 11,000 pound pressure on clam makes it bite easily into the toughest ground. Digs 8½ ft. deep. Loads 7½ ft. high.



REAR BLADES

Model 150 Rear End Blades for many adjustments at low cost with sliding mold board and tilt positions. Mold board length 6 feet. Height 15 inches. Fits all 3-point linkage.



ANGLE DOZER

Blade can be raised or lowered, extended 18 inches either right or left. Angle can be changed to right or left from tractor seat. Mold board length 6 feet. Mold board height 15 inches.



BULLDOZER

Structural members joined to underside of tractor differential. No pressure on front axle. Double acting hydraulic cylinder provides up and down pressure.



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All welded box girder frame has two-pin installation. Can be removed in less than ten minutes. Down pressure to handle tough materials. Dumping height 9 feet.

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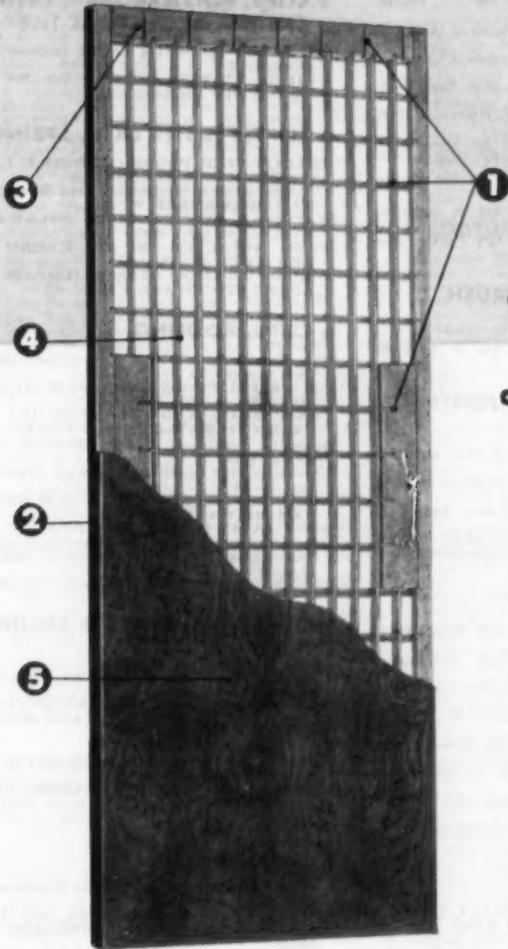
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Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
Conver Steel & Wire Co 600 E 132nd St New
York 54 NY
Heckmann Bldg Prods Co 4018 West Lake Chi-
cago 24 Ill
TRUSCON STEEL DIV REPUBLIC STEEL
CORP 1050 ALBERT ST YOUNGSTOWN 1
OHIO

▶ CLIPS, CONCRETE

CECO STEEL PRODS CORP 5601 W 26TH ST
CHICAGO 50 ILL
Goldsmith Metal Lath Co 4501 Chickering
Cincinnati Ohio
Heckmann Bldg Prods Co 4018 West Lake Chi-
cago 24 Ill
PETERSON PRODS CO 1013-17 N BLUFF
ST JANESVILLE WIS
Richmond Screw Anchor Co 816 Liberty Ave
Brooklyn 8 NY
Sommer Metalcraft Corp 315 Poston Drive
Crawfordsville Ind
Williams Form Engineering Corp 1501 Madison
Ave Grand Rapids Mich
Winner Industries 1023 Washington South
Minneapolis 15 Minn

▶ CLIPS, FLOOR

CLEVELAND STEEL SPECIALTY CO 3771
E 91ST ST CLEVELAND 5 OHIO
Dayton Sure-Grip & Shore Co 504 Kercher St
Miamisburg Ohio
Heckmann Bldg Prods Co 4018 West Lake Chi-
cago 24 Ill
Hobmann & Barnard Inc 204 East 33rd St New
York 16 NY
Merwin Mfg Co 19th and German Erie Pa
NEW MONARCH MACHINE & STAMPING
CO 406 SW NINTH ST DES MOINES 9
IOWA
PENN METAL CO INC 295 E 42ND ST NEW
YORK 17 NY
PETERSON PRODS CO 1013-17 N BLUFF ST
JANESVILLE WIS
Sommer Metalcraft Corp 315 Poston Drive
Crawfordsville Ind

▶ CLIPS, GLAZING FOR STEEL SASH

Adams Co The PO Box 268 Dubuque Iowa
Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
CECO STEEL PRODS CORP 5601 W 26TH ST
CHICAGO 50 ILL

Copeo Steel & Engineering Co 14035 Grand
River Ave Detroit 27 Mich
Dietrich Bros Inc 2700 Loch Haven Baltimore
18 Md
DONLEY BROTHERS CO 13910 MILES AVE
CLEVELAND 5 OHIO
Gabriel Steel Co 13700 Sherwood St Detroit 12
Mich
Harris Inc 200 E Long St Columbus Ohio
KEWANEE MFG CO 156 BURLINGTON AVE
KEWANEE ILL
LIBBY-OWENS-FORD GLASS CO NICH-
OLAS BLDG TOLEDO 3 OHIO
PITTSBURGH PLATE GLASS CO 432 FORT
DUQUESNE PITTSBURGH 22 PA
Republic Hdwe & Distributing Corp 1067 E
54th St Indianapolis 20 Ind
Sommer & Maca Glass Machinery Co 3600-08
S Oakley Chicago 9 Ill
Sommer Metalcraft Corp 315 Poston Drive
Crawfordsville Ind
Young (L A) Spring & Wire Corp 9200 Russell
St Detroit 11 Mich

▶ CLIPS, PLASTERBOARD, LATH, CEILING, ACOUSTICAL TILE

Burson Clip System Inc 2441 S Indiana Ave
Chicago Ill
UNITED STATES GYPSUM CO 300 W
ADAMS ST CHICAGO 4 ILL

▶ CLIPS, PLASTER LATH, SPRING

CERTAIN-TEED PRODS CORP 120 E LAN-
CASTER AVE ARDMORE PA
INLAND STEEL PRODS CO 4111 W BURN-
HAM MILWAUKEE WIS
NATIONAL GYPSUM CO 325 DELAWARE
AVE BUFFALO 2 NY
PENN METAL CO INC 295 E 42ND ST
NEW YORK 17 NY
UNITED STATES GYPSUM CO 300 W
ADAMS ST CHICAGO 4 ILL

▶ CLIPS, ROOFING

American Metal Works Inc 4401 Bienville St
New Orleans La
CECO STEEL PRODS CORP 5601 W 26TH ST
CHICAGO 50 ILL
CHASE BRASS AND COPPER CO INC 236
GRAND ST WATERBURY 20 CONN
Goldsmith Metal Lath Co 4501 Chickering
Cincinnati Ohio
Heckmann Bldg Prods Co 4018 West Lake Chi-
cago 24 Ill
INLAND STEEL PRODS CO 4111 W BURN-
HAM MILWAUKEE WIS
NOVA SALES CO TRENTON 3 NJ
Oliak Mfg Co Depot Square Montclair NJ
Ryerson (Joseph T) & Son 2558 W 16th St
Chicago 80 Ill
Seal-All Clip Co 4376 W Pasadena Flint Mich

▶ CLIPS, WALLBOARD & CEILING TILE

E G Building Fasteners Corp 101 Park Ave
New York 17 NY
INSULITE CO MINNESOTA AND ONTARIO
PAKING CO 500 BAKER ARCADE MINNE-
APOLIS 3 MINN
Klein Mfg Co Burlington Iowa
PETERSON PRODS CO 1013-17 N BLUFF ST
JANESVILLE WIS
UPSON CO 43 UPSON PT LOCKPORT NY
Wood Conversion Co Int Natl Bank Bldg St
Paul 1 Minn

▶ CLIPS, WIRE ROPE

American Hoist and Derrick Co 63 S Robert St
St Paul 1 Minn
AMERICAN STEEL AND WIRE DIV 1420
ROCKEFELLER BLDG CLEVELAND 13
OHIO
COLORADO FUEL & IRON CORP CONTI-
NENTAL OIL BLDG DENVER 2 COLO
Eberhard Mfg Co Div 2734 Tennyson Rd Cleve-
land 4 Ohio
Lamson & Sessions Co 1971 W 85th St Cleve-
land 2 Ohio
MacWhyte Co 2560 14th Ave Kenosha Wis
Moline Iron Works Moline Ill
Phoenix Lock Co 327-3rd Ave Newark 7 NJ
Republic Steel Corp Republic Bldg Cleveland
1 Ohio
U S Expansion Bolt Co State St and PRR York
Pa
Upson Walton Co 12500 Elmwood Ave Cleve-
land 11 Ohio
WICKWIRE SPENCER STEEL 575 MADISON
AVE NEW YORK 19 NY

▶ CLOTHES DRYERS

Altorfer Brothers Co 812 W Washington East
Peoria 8 Ill
Apex Electrical Mfg Co 1020 E 152nd St
Cleveland 10 Ohio

Automatic Washer Co Newton Iowa
 Beh & Co Inc 1150 Broadway New York NY
 Bendix Home Appliance Div Avco Mfg Corp
 1329 Arlington St Cincinnati 25 Ohio
 Blackstone Corp 1032-88 Allen St Jamestown
 NY
 Brainard Industries Inc 152 S 15th St Linden-
 hurst LI NY
 Cheney Metal Prods Co 623 Prospect St Tren-
 ton 5 NJ
 Chicago Dryer Co 2210-20 N Pulaski Rd Chi-
 cago 39 Ill
 Clay Equipment Corp 23 Builder St Cedar Falls
 Iowa
 Conlon Moore Corp 1824 S Laramie Cicero 50
 Ill
 Cribben & Sexton Co 700 N Sacramento Chi-
 cago 12 Ill
 CROSLLEY DIV AVCO MFG CORP 1329 AR-
 LINGTON ST CINCINNATI 5 OHIO
 Easy Washing Machine Corp Solar & Spencer
 Sta Syracuse 1 NY
 Frigidaire Div General Motors Corp 300 Mark-
 ham St Dayton 1 Ohio
 GENERAL ELECTRIC CO APPLIANCE
 PARK LOUISVILLE 1 KY
 Goshen Churn & Ladder Inc 1930 Estes Blvd
 Goshen 4 Ind
 Hamilton Mfg Co 1316 18th St Two Rivers Wis
 Handy Things Mfg Co N Rowe St Ludington
 Mich
 Harms All Gas Co Allison Iowa
 Herber Prods 877 Addison Rd Cleveland 2 O
 HOTPOINT CO 5400 W TAYLOR ST CHI-
 CAGO 44 ILL
 Howard Mfg Co of California 2428 E 56th St
 Los Angeles Cal
 Ironer Div Speed Queen Corp Algonquin Ill
 Kelvinator 14250 Plymouth Rd Detroit 32 Mich
 Kraus (Walter S) Co 48-02 43rd St Woodside
 77 NY
 Larson Ladder Co 651 Martin Ave Santa Clara
 Calif
 Maytag Co Newton Iowa
 Moulton Ladder Mfg Co 2-40 Harding St Som-
 erville Mass
 Odin Stove Mfg Co 342 West 12th Erie Pa
 One Minute Washer Co Kellogg Iowa
 Philco Corp Dexter Division Fairfield Iowa
 Rheem Mfg Co 801 Chesley Ave Richmond Cal
 Rheem Mfg Co 4361 Firestone South Gate Cal
 Roper (Geo D) Corp Blackhawk Park Ave
 Rockford Ill
 Rotary Clothes Dryer Co Inc 840 Lawrence St
 Allentown Pa
 Southern Galvanizing Co 1620 Bush St AB
 Baltimore 30 Md
 Speed Queen Corp PO Box 332 Ripon Wis
 TEMCO INC 4104 PARK AVE NASHVILLE
 9 TENN
 Tennessee Enamel Mfg Co 4104 Park Ave
 Nashville 9 Tenn
 THOR CORP 2115 S 54TH AVE CHICAGO 50
 ILL
 UNITED METAL BOX CO INC 168-86 SEV-
 ENTH ST BROOKLYN 15 NY
 UNITED METAL CABINET CORP 168 SEV-
 ENTH ST BROOKLYN 15 NY
 Universal Major Electric Appliance Co Box
 119 Lima Ohio
 WESTINGHOUSE ELECTRIC CORP ELEC-
 TRIC APPLIANCE DIV 346 EAST 4TH ST
 MANFIELD OHIO
 Whirlpool Corp St Joseph Mich
 Woodenware Prods Corp 122 N 7th St St Louis
 1 Mo

► CLOTHES LINE HOLDERS, HOOKS & BARS

Acme Metal Goods Mfg Co 2 Orange St New-
 ark 2 NJ
 Berkeley Specialties Co 899 Gilman St Berkeley
 10 Calif
 Bocary Mfg Corp 2510 N Chico St El Monte
 Calif
 Champion Hardware Co 2300 Miller St Geneva
 Ohio
 Judd (H L) Co 87 Chambers St New York 7
 NY
 Larson Co Ave G & C&NW Ry Sterling Ill
 LAWRENCE BROTHERS STERLING ILL
 Quaker State Metals Co Manheim Pike at City
 Bypass Lancaster Pa
 Rop-Loc Prods Co 16110 Brookpark Rd Cleve-
 land Ohio
 Safe Padlock & Hardware Co 2nd & Crystal
 Sts Lancaster Pa
 SARGENT & CO 45 WATER ST NEW
 HAVEN 9 CONN
 Sharon Hardware Mfg Co 249 Pearce St
 Sharon Pa
 Southern Galvanizing Co 1620 Bush St AB
 Baltimore 30 Md

► CLOTHES LINE POLES & POSTS, WOOD, STEEL, IRON

Akron Prods Co Seville Ohio
 Allen Steel Prods Inc 2941 E Ten Mile Rd
 Hazel Park Mich
 Atlas Fence Co 3630 Richmond St Philadelphia
 34 Pa

APRIL 1953

Banks Steel Post Co Newark NJ
 Beh & Co Inc 1150 Broadway New York NY
 BRAINARD STEEL DIV SHARON STEEL
 CORP GRISWOLD ST WARREN OHIO
 Century Fence Co Box 466 Waukesha Wis
 Cheney Metal Prods Co 623 Prospect St Tren-
 ton 5 NJ
 CINCINNATI IRON FENCE CO INC 2101
 FLORENCE AVE CINCINNATI 6 OHIO
 Clay Equipment Corp 23 Builder St Cedar
 Falls Iowa
 COLORADO FUEL & IRON CORP CONTI-
 NENTAL OIL BLDG DENVER 2 COLO
 Davis & Siehl Co Dept AB Box 78 Sta A Cin-
 cinnati 23 Ohio
 Dietrich Bros Inc 2700 Loch Haven Baltimore
 18 Md
 DONLEY BROTHERS CO 13914 MILES AVE
 CLEVELAND 5 OHIO
 Franklin Equipment Co Monticello Iowa
 Harris Inc 290 E Long St Columbus Ohio
 Hohmann & Barnard Inc 204 East 33rd St New
 York 16 NY
 KEWANEE MFG CO 150 BURLINGTON AVE
 KEWANEE ILL
 Meyers (Fred L) Mfg Co 1176 Hooven Ave
 Hamilton Ohio
 Newark Steel Post Co 19 Park Ave West Or-
 ange NJ
 Rop-Loc Prods Co 16110 Brookpark Rd Cleve-
 land Ohio
 Rotary Clothes Dryer Co Inc 840 Lawrence St
 Allentown Pa
 Sawhill Tubular Prods Inc Sharon Pa
 Southern Galvanizing Co 1620 Bush St AB
 Baltimore 30 Md
 Standard Mfg Co 229 E 4th Cedar Falls Iowa

► COATINGS, CONCRETE FLOOR

Alabastine Paint Prods 2629 Grand Ave Chi-
 cago 12 Ill
 Atlas Mineral Prods Co Mertztown Pa
 Camp Co Inc 6958 S State Chicago 21 Ill
 Cerest Waterproofing Corp 3227 S Shields Ave
 Chicago 15 Ill
 Cheeseman-Elliott Co Inc 645 Kent Ave Brook-
 lyn 11 NY
 Ensign Prods Co 3528 E 76th St Cleveland 5
 Ohio
 Flash-Stone Co Inc 3723 Pulaski Ave Philadel-
 phia 40 Pa
 Flexrock Co 36th & Filbert Sts Philadelphia
 4 Pa
 Globe Paint Works Inc 292 Market St Wil-
 liamsport 8 Pa
 Hayes Adhesives Co Inc 4159 Union Blvd St
 Louis 15 Mo
 Horn (A C) Co Inc 252 Townsend St San
 Francisco Cal
 Horn (A C) Co Inc Tenth St & 44th Long Is-
 land City 1 NY
 Johnson (S C) & Co Inc 1525 Howe St Racine
 Wis
 Kedmont Mfg Co 330 S Dearborn Chicago 4 Ill
 Lowe Bros 436 E 3rd St Dayton 2 Ohio
 Martin-Senour Co 2520 S Quarry St Chicago
 8 Ill
 Maxwell and Hitchcock 191 Simpson NW At-
 lanta Ga
 Moore (Benjamin) and Co 511 Canal St New
 York 13 NY
 O'Brien Corp 101 N Johnson St South Bend 21
 Ind
 Penetone Co The 74 Hudson Ave Tenafly NJ
 PITTSBURGH PLATE GLASS CO 432 FORT
 DUQUESNE PITTSBURGH 22 PA
 Protective Coating Inc Box 3945 Detroit 27
 Mich
 Rockford Paint Mfg Co 209 Sayre St Rockford
 Ill
 Rust-Oleum Corp 2425 Oakton St Evanston Ill
 Sherwin-Williams Co 101 Prospect Ave Cleve-
 land 1 Ohio
 Sonneborn & Sons Bldg Prods Div 404 Fourth
 Ave New York 16 NY
 Toeb Bros 2690 Richmond Terrace Staten Is-
 land NY
 Tufferete Co Inc 552 Teachout Bldg Des Moines
 9 Iowa
 Vorac Co 147 Meadow Rd Rutherford NJ
 Watson (Geo E) Co 417 S Wabash Ave Chi-
 cago 11

► COATINGS, EMULSIFIED ASPHALT

American Bitumuls & Asphalt Co 200 Bush St
 San Francisco Cal
 ARMSTRONG CORK CO 1010 CONCORD ST
 LANCASTER PA
 B and B Engineering Supply Co 2900 Wash-
 ington Ave Houston 1 Texas
 Camp Co Inc 6958 S State Chicago 21 Ill
 Carey (Phillip) Mfg Co 316 S Wayne Cincin-
 nati 15 Ohio
 Cerest Waterproofing Corp 3227 S Shields Ave
 Chicago 15 Ill
 Flexrock Co 36th & Filbert Sts Philadelphia 4
 Pa
 FLINTKOTE CO 38 ROCKEFELLER PLAZA
 NEW YORK 20 NY

Haynes Prods Co 4097 Farnam St Omaha 3
 Neb
 Horn (A C) Co Inc Tenth St & 44th Long Is-
 land City 1 NY
 Lowe Bros 436 E 3rd St Dayton 2 Ohio
 Monroe Co Inc 10703 Quebec Ave Cleveland 6
 Ohio
 Old American Roofing Mills 7600 Truman Rd
 Kansas City Mo
 RUBEROID CO 500 5TH AVE NEW YORK
 36 NY
 Spray-O-Bond Co 2325 N Humboldt Milwaukee
 12 Wis
 Sullivan Co The 212 E Trig Memphis Tenn
 Tamm Industries Inc 228 N La Salle St Chi-
 cago 1 Ill
 Troyer Driveway Service 2157 S Park Ave
 Buffalo 20 NY
 Tufferete Co Inc 552 Teachout Bldg Des Moines
 9 Iowa
 Tuffalt Inc 137 Hausman St Pittsburgh 10 Pa

► COATINGS, LINOLEUM

Chicago Bronze and Color Works 2673 W
 Grand Ave Chicago 12 Ill
 Dennis Chemical Co 2701 Papin St St Louis
 Mo
 Flexrock Co 36th & Filbert Sts Philadelphia 4
 Pa
 Grand Rapids Varnish Corp 1350 Steele Ave
 SW Grand Rapids 2 Mich
 Horn (A C) Co Inc Tenth St & 44th Long
 Island City 1 NY
 Linseed Oil Products Co 1107 S Fremont Ave
 Alhambra Calif
 Lowe Bros 436 E 3rd St Dayton 2 Ohio
 Martin-Senour Co 2520 S Quarry St Chicago
 8 Ill
 O'Brien Corp 101 N Johnson St South Bend
 21 Ind
 PITTSBURGH PLATE GLASS CO 432 FORT
 DUQUESNE BLDV PITTSBURGH 22 PA
 Plasti-Kote Co 425 Lakeside Ave Cleveland
 13 Ohio
 Sherwin-Williams Co 101 Prospect Ave Cleve-
 land 1 Ohio
 Trucon Laboratories Div Devoe & Reynolds Co
 Caniff at Grand Trunk Detroit 11 Mich
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Vorac Co 147 Meadow Rd Rutherford NJ

► COATINGS, ROOF, ALUMINUM & ASPHALT

Abesto Mfg Corp 131 Wabash St Michigan City
 Ind
 Aluminum Industries Inc 2438 Beekman St
 Cincinnati 25 Ohio
 American Marietta Co Valdura Div 101 E
 Ontario St Chicago Ill
 Arco Co 7301 Bessemer Cleveland 4 Ohio
 Badger Corrugating Co 1801 West Ave S La-
 Crosse Wis
 Barrett Div Allied Chemical and Dye Corp 40
 Rector St New York 6 NY
 BIRD AND SON INC 47 WILSON ST EAST
 WALPOLE MASS
 Bonafide Mills Inc 296 Fifth Ave New York NY
 Camp Co Inc 6958 S State Chicago 21 Ill
 Carey (Phillip) Mfg Co 316 S Wayne Cincin-
 nati 15 Ohio
 Cheeseman-Elliott Co Inc 645 Kent Ave Brook-
 lyn 11 NY
 Coopers Creek Chemical Corp River Rd West
 Conshohocken Pa
 Dad & Lad Co New Lenox Ill
 DONLEY BROTHERS CO 13914 MILES AVE
 CLEVELAND 5 OHIO
 Flexrock Co 36th & Filbert Sts Philadelphia 4
 Pa
 FLINTKOTE CO 38 ROCKEFELLER PLAZA
 NEW YORK 20 NY
 Horn (A C) Co Inc Tenth St & 44th Long Is-
 land City 1 NY
 Keystone Asphalt Prods Co 101 E Ontario St
 Chicago 11 Ill
 Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa
 Lastik Prods Co Inc 293 Inroquois Bldg Pitts-
 burgh 13 Pa
 Lehon Co Madison at 25th Ave Bellwood Ill
 Lowe Bros 436 E 3rd St Dayton 2 Ohio
 MEADOWS (W R) INC 2 KIMBALL ELGIN
 ILL
 Mi-Kote Corp 517 Gardner Bldg Toledo 14
 Ohio
 Monroe Co Inc 10703 Quebec Ave Cleveland 6
 Ohio
 Moore (Benjamin) and Co 511 Canal St New
 York 13 NY
 National Plywoods Inc 2710 Throop St Chicago
 Ill
 Old American Roofing Mills Div Ruberoid Co
 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd
 Kansas City Mo
 Pabco Prods Inc 475 Brannan St San Fran-
 cisco Cal
 PITTSBURGH PLATE GLASS CO 432 FORT
 DUQUESNE BLDV PITTSBURGH 22 PA
 REYNOLDS METALS CO BUILDING PRODS
 DIV 2091 S NINTH ST LOUISVILLE 1 KY

RUBEROID CO 500 5TH AVE NEW YORK

36 NY
 Sheffield Bronze Paint Corp 17814 Waterloo
 Cleveland Ohio
 Sherwin-Williams Co 101 Prospect Ave Cleve-
 land 1 Ohio
 Sonneborn & Sons Bldg Prods Div 404 Fourth
 Ave New York 16 NY
 Spray-O-Bond Co 2225 N Humboldt Milwaukee
 12 Wis
 Sullivan Co The 212 E Trigg Memphis Tenn
 Toch Bros 2609 Richmond Terrace Staten Is-
 land NY
 Tremco Mfg Co 8701 Kinsman Rd Cleveland
 Ohio
 Tuferete Co Inc 552 Teachout Bldg Des Moines
 9 Iowa
 Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
 United Gilsonite Laboratories 1396 Jefferson
 Ave Scranton 1 Pa
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Webster (W F) Cement Co 224 Thorndike
 Cambridge 41 Mass

COATINGS, ROOF, ASBESTOS

Badger Corrugating Co 1801 West Ave S La-
 Crosse Wis
 Bonafide Mills Inc 295 Fifth Ave New York
 NY
 Camp Co Inc 6058 S State Chicago 21 Ill
**CELOTEX CORP 120 S LA SALLE ST CHI-
 CAGO 3 ILL**
**CERTAIN-TEED PRODS CORP 120 E LAN-
 CASTER AVE ARDMORE PA**
 Cheeseman-Elliott Co Inc 645 Kent Ave Brook-
 lyn 11 NY
 Coopers Creek Chemical Corp River Rd West
 Conshohocken Pa
 Devos & Reynolds Co Inc 787 First Ave New
 York 17 NY
 Ensign Prods Co 3528 E 76th St Cleveland 5
 Ohio
**JOHNS-MANVILLE CORP 22 EAST 40TH ST
 NEW YORK 16 NY**
 Lastik Prods Co Inc 203 Iroquois Bldg Pitts-
 burgh 13 Pa
 Meta-Kote Corp 617 Gardner Bldg Toledo 14
 Ohio
 Monroe Co Inc 10703 Quebec Ave Cleveland 6
 Ohio
 Sherwin-Williams Co 101 Prospect Ave Cleve-
 land 1 Ohio
 Toch Bros 2609 Richmond Terrace Staten Is-
 land NY

COATINGS, ROOF, ASPHALT

Acme Asbestos Covering & Flooring Co 239 N
 Elizabeth Chicago 7 Ill
 Asbestos Asphalt & Insulation Inc 2100 Fuller-
 ton Ave Chicago 47 Ill
 Badger Corrugating Co 1801 West Ave S La
 Crosse Wis
 Bonafide Mills Inc 295 Fifth Ave New York NY
 Breinig Brothers 1st and Harrison Hoboken NJ
**CALBAR PAINT AND VARNISH CO 2612-
 26 N MARTHA PHILADELPHIA 25 PA**
 Camp Co Inc 6058 S State Chicago 21 Ill
 Carey (Phillip) Mfg Co 318 E Wayne Cincin-
 nati 15 Ohio
**CELOTEX CORP 120 S LA SALLE ST CHI-
 CAGO 3 ILL**
 Ceresit Waterproofing Corp 3227 S Shields Ave
 Chicago 16 Ill
**CERTAIN-TEED PRODS CORP 120 E LAN-
 CASTER AVE ARDMORE PA**
 Cheeseman-Elliott Co Inc 645 Kent Ave Brook-
 lyn 11 NY
 Chemical Supply Co 3540 Norton Cleveland O
 Coopers Creek Chemical Corp River Rd West
 Conshohocken Pa
 Dad & Lad Co New Lenox Ill
 Dewalex Mfg Corp 424 W 42nd St New York
 36 NY
 Empire Varnish Co 2636 E 76th St Cleveland
 4 Ohio
 Flexrock Co 36th & Filbert Sts Philadelphia 4
 Pa
 Ford Roofing Prods Co 6 N Michigan Ave Chi-
 cago 2 Ill
**GLIDDEN CO BREA RD & MADISON
 CLEVELAND 2 OHIO**
 Globe Roofing Prods Co Inc 2207 Schrage
 Whiting Ind
 Globe Siding Prods Co 2207-51 Schrage Whit-
 ing Ind
 Gold Seal Asphalt Roofing Co PO Box 302
 Chicago Heights Ill
 Gordon Chemical Co Inc 1100 Hickory Kansas
 City 7 Mo
 Haynes Prods Co 4007 Farnam St Omaha 3
 Neb
 Horn (A C) Co Inc 252 Townsend St San
 Francisco Cal
 Horn (A C) Co Inc Tenth St & 44th Long Is-
 land City 1 NY
**JOHNS-MANVILLE CORP 22 EAST 40TH ST
 NEW YORK 16 NY**
 Lastik Prods Co Inc 203 Iroquois Bldg Pitts-
 burgh 13 Pa

Lasting Prods Co Franklinton Rd Baltimore
 23 Md
 Lehon Co Madison at 25th Ave Bellwood Ill
 Mar-Kay Mfg Co 2715 S Second St St Louis Mo
**MEADOWS (W R) INC 2 KIMBALL ELGIN
 ILL**
 Monroe Co Inc 10703 Quebec Ave Cleveland 6
 Ohio
 National Brush Co 101 Illinois Ave Aurora Ill
 Old American Roofing Mills Div Ruberoid Co
 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd
 Kansas City Mo
 Pecora Paint Co Inc 4th St & Rdg RR Phila-
 delphia 40 Pa
**PITTSBURGH PLATE GLASS CO 632 FORT
 DUQUESNE BLVD PITTSBURGH 22 PA**
 Reilly Tar & Chemical Corp Merchants Bank
 Bldg Indianapolis 4 Ind
**RUBEROID CO 500 5TH AVE NEW YORK 36
 NY**
 Sherwin-Williams Co 101 Prospect Ave Cleve-
 land 1 Ohio
 Sonneborn & Sons Bldg Prods Div 404 Fourth
 Ave New York 16 NY
 Toch Bros 2609 Richmond Terrace Staten Is-
 land NY
 Tuferete Co Inc 552 Teachout Bldg Des Moines
 9 Iowa
 Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
**UNITED STATES GYPSUM CO 300 W
 ADAMS ST CHICAGO 6 ILL**

COATINGS, ROOF, LIQUID, BLACK

Areo Co 7301 Bessemer Cleveland 4 Ohio
 Badger Corrugating Co 1801 West Ave S La
 Crosse Wis
 Barrett Div Allied Chemical and Dye Corp 40
 Reector St New York 6 NY
 Bonafide Mills Inc 295 Fifth Ave New York
 NY
**CELOTEX CORP 120 S LA SALLE ST CHI-
 CAGO 3 ILL**
**CERTAIN-TEED PRODS CORP 120 E LAN-
 CASTER AVE ARDMORE PA**
 Cheeseman-Elliott Co Inc 645 Kent Ave Brook-
 lyn 11 NY
 Coopers Creek Chemical Corp River Rd W Con-
 shohocken Pa
 Dad & Lad Co New Lenox Ill
 Devos & Reynolds Co Inc 787 First Ave New
 York 17 NY
 Flexrock Co 36th & Filbert Sts Philadelphia 4
 Pa
 Lastik Prods Co Inc 203 Iroquois Bldg Pitts-
 burgh 13 Pa
 Lehon Co Madison at 25th Ave Bellwood Ill
 Monroe Co Inc 10703 Quebec Ave Cleveland 6
 Ohio
 Nourse Oil Co Clinton & Frisco Kansas City 8
 Mo
 Sherwin-Williams Co 101 Prospect Ave Cleve-
 land 1 Ohio
 Toch Bros 2609 Richmond Terrace Staten Is-
 land NY
 Tremco Mfg Co 8701 Kinsman Rd Cleveland
 Ohio
 Tuferete Co Inc 552 Teachout Bldg Des Moines
 9 Iowa
 Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
**UNITED STATES GYPSUM CO 300 W
 ADAMS ST CHICAGO 6 ILL**

COLOR CONSULTANTS

West, Beatrice 147 E 50th New York 22 NY

COLORS, CONCRETE, MORTAR, PLASTER

Alabastine Paint Prods 2629 Grand Ave Chi-
 cago 12 Ill
 Blue Ridge Tale Co Inc Henry Va
 Ceresit Waterproofing Corp 3227 S Shields Ave
 Chicago 16 Ill
 Chicago Bronze and Color Works 2673 W
 Grand Ave Chicago 12 Ill
 Clinton Metallic Paint Co Arthur St Clinton
 NY
**COLORCRETE INDUSTRIES INC 24TH &
 OTTAWA STS HOLLAND 1 MICH**
 Flexrock Co 36th & Filbert Sts Philadelphia 4
 Pa
 Fort Pitt Chemical Co 26th & Smallman St
 Pittsburgh 22 Pa
 Fox (M Ewing) Co Inc 136th St & Rider Ave
 New York 51 NY
 Gagnon Clay Prods Co 526 S Broadway Green
 Bay Wis
 Gibson-Homans Co 2366 Woodhill Rd Cleve-
 land 6 Ohio
 Gordon Chemical Co Inc 1100 Hickory Kansas
 City 7 Mo
**HACHEMEISTER INC PO BOX 357 PITTS-
 BURGH 30 PA**

Horn (A C) Co Inc 252 Townsend St San
 Francisco Cal
 Horn (A C) Co Inc Tenth St & 44th Long Is-
 land City 1 NY
 Interstate Brick Co 3100 S 11th E Salt Lake
 City Utah
 Master Builders Co 7014 Euclid Ave Cleveland
 3 Ohio
 Mineral Pigments Corp Washington Blvd
 Muirkirk 1 Md
 Minneapolis Builders Supply Co 927 Second Ave
 South Minneapolis Minn
**NATIONAL GYPSUM CO 325 DELAWARE
 AVE BUFFALO 2 NY**
 Pecora Paint Co Inc 4th St & Rdg RR Phila-
 delphia 40 Pa
 Ricketson Mineral Color Works 229 E Wiscon-
 sin Ave Milwaukee 2 Wis
 Rohloff & Co 918 N Western Ave Hollywood
 29 Calif
 Smith Chemical & Color Co 55 John St Brook-
 lyn 1 NY
 Smith (George B) Chemical Works Maple Park
 38 NY
 Smith (J Lee) & Co Inc 25 Ann St New York
 38 NY
 Sonneborn & Sons Bldg Prods Div 404 Fourth
 Ave New York 16 NY
 Sullivan Co The 212 E Trigg Memphis Tenn
 Tamm Industries Inc 228 N La Salle St Chi-
 cago 1 Ill
 Toch Bros 2609 Richmond Terrace Staten
 Island NY
 Troyer Driveway Service 2157 S Park Ave
 Buffalo 20 NY
 Truseon Laboratories Div Devos & Reynolds Co
 Caniff at Grand Trunk Detroit 11 Mich
 Vitro Mfg Co 60 Greenway Dr Pittsburgh 4 Pa
 Washington Brick & Lime Co Box 2198 Spo-
 kane 10 Wash
 Wesco Waterpaints Inc Maple St Matteson Ill
 Williams (C K) Co 640 N 13th St Easton 2 Pa
 Wisconsin Face Brick & Supply Co 4485 N
 Green Bay Milwaukee Wis

COLUMNS, METAL

Abeo Aluminum Brans Works 5235 Griggs Rd
 Houston Texas
 Adams Co The Box 268 Dubuque Iowa
 Allen Steel Prods Inc 2941 E Ten Mile Rd
 Hazel Park Mich
 Belson Mfg Co East River Rd North Aurora Ill
**BETHLEHEM STEEL CO BETHLEHEM PA
 BRAINARD STEEL DIV SHARON STEEL
 CORP GRISWOLD ST WARREN OHIO
 CINCINNATI IRON FENCE CO INC 2101
 FLORENCE AVE CINCINNATI 6 OHIO
 CLEVELAND STEEL SPECIALTY CO 3771
 E 81ST ST CLEVELAND 5 OHIO
 COFFMAN (R G) CO INC PO BOX 1113 OR-
 LANDO FLA
 Davis & Siehl Co Dept AB Box 78 Sta A Cin-
 cinnati 23 Ohio
 Dietrich Bros Inc 2700 Loch Haven Baltimore
 18 Md
 Dobbie Foundry & Machine Co 150 Portage Rd
 Niagara Falls NY
**DONLEY BROS CO 13910 MILES AVE
 CLEVELAND 5 OHIO**
 Fawco Mfg Div 1703 Front St Cuyahoga Falls
 Ohio
 International Steel Co 1321 Edgar St Evans-
 ville 7 Ind
**KEWANEE MFG CO 150 BURLINGTON AVE
 KEWANEE ILL**
 Locke Mfg Co Ohio St Lodi Ohio
 Logan Co 201 Cabell St Louisville 6 Ky
 Loudon Machinery Co 1120 Broadway Fairfield
 Iowa
 Meyers (Fred L) Mfg Co 1176 Hooven Ave
 Hamilton Ohio
**MORGAN-WIGHTMAN SUPPLY CO 1541
 SALZMAN ST LOUIS MO**
 Sawhill Tubular Prods Inc Sharon Pa
 Starline Inc 300 W Front St Harvard Ill
 Tennessee Fabricating Co 1490 Grimes St
 Memphis Tenn
**TRUSCON STEEL DIV REPUBLIC STEEL
 CORP 1050 ALBERT ST YOUNGSTOWN 1
 OHIO**
 Valley Metal Prods 222 Young St Marselles Ill
 Wolfe Prods Inc 71 Elinor Ave Akron 5 Ohio**

COLUMNS, WOOD

Goshen Sash & Door Co East Purl Goshen Ind
 Huttig Sash & Door Co 1206 S Vandeventer
 St Louis 10 Mo
 McKeown Bros Co 5303 S Keeler Ave Chicago
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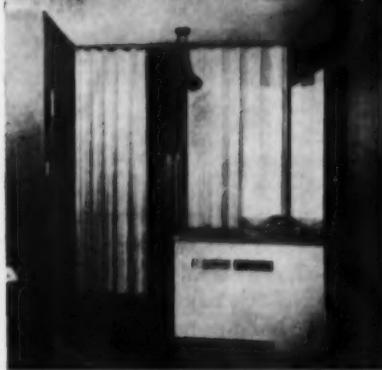
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Fort Pitt Chemical Co 26th & Smallman St
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Garrison Clay Prods Co 526 S Broadway Green
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Just a low-pressure spray application—or simple flushing on with a brush.

That's all it takes to keep out water for many years to come—when you apply above-grade masonry water repellent made with *Linde Silicones*.

But it does so much more!

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As soon as it dries it is colorless. It leaves no shine. It stops rain from penetrating even when driven on 100-mile-an-hour winds. Since it puts a water-shedding surface on masonry, concrete and brick, dirt washes right down to the ground.

It lines yet it does not seal up the pores, so moisture

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INSIDE

The benefits really multiply. Plaster, woodwork, paint and wallpaper stay dry. Peeling and staining due to moisture penetration are banished. Decorating, maintenance and repair costs drop.

See for yourself how easy and inexpensive it is to put a lasting, invisible raincoat on homes, institutions, schools, factories, churches, office buildings. Write today for full information and a list of representative suppliers. Address Dept. E-4.

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With these new GO-TOGETHER Colors, Youngstown Kitchens give you:

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- the most complete line in the industry
- Youngstown Kitchens backs your one-year warranty . . . and you have a merchandising feature in your homes that will assure you more sales for '55!

For additional information, contact your distributor; or write: Harry Howell, Builder Sales Manager, Youngstown Kitchens, Warren, Ohio.



(Above) Dawn Yellow wall cabinets and Meridian Blue base units—beautifully and imaginatively combined.

(Below) Ever-popular Star White sets off the beauty of an inspired decorating scheme!



Rich Sunset Copper—like all Go-Together Colors, this lovely tone was formulated exclusively for Youngstown Kitchens by Associated American Artists, Inc., America's leading color consultants. Formica tops are offered in ten beautiful colors. On colored Cabinet Sinks, sink tops are finished in Dawn Yellow.



 *Youngstown* ^{STEEL} Kitchens

Sold in the United States, Canada and most parts of the world
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Kitchens has it!

AT NO EXTRA COST!

— ready for you now...



Beauty that lasts! This steel Youngstown Kitchen is in new Dawn Yellow.

SEE Go-Together Colors. See new wall and base cabinets; new built-in oven and cooking-top cabinets; new continuous tops with built-in sink bowls. See the new Youngstown Kitchens Food Waste Disposer — brand new, easily installed, at a low, low price.

Harry Howell, Builder Sales Manager,
Youngstown Kitchens, Mullins Manufacturing Corporation
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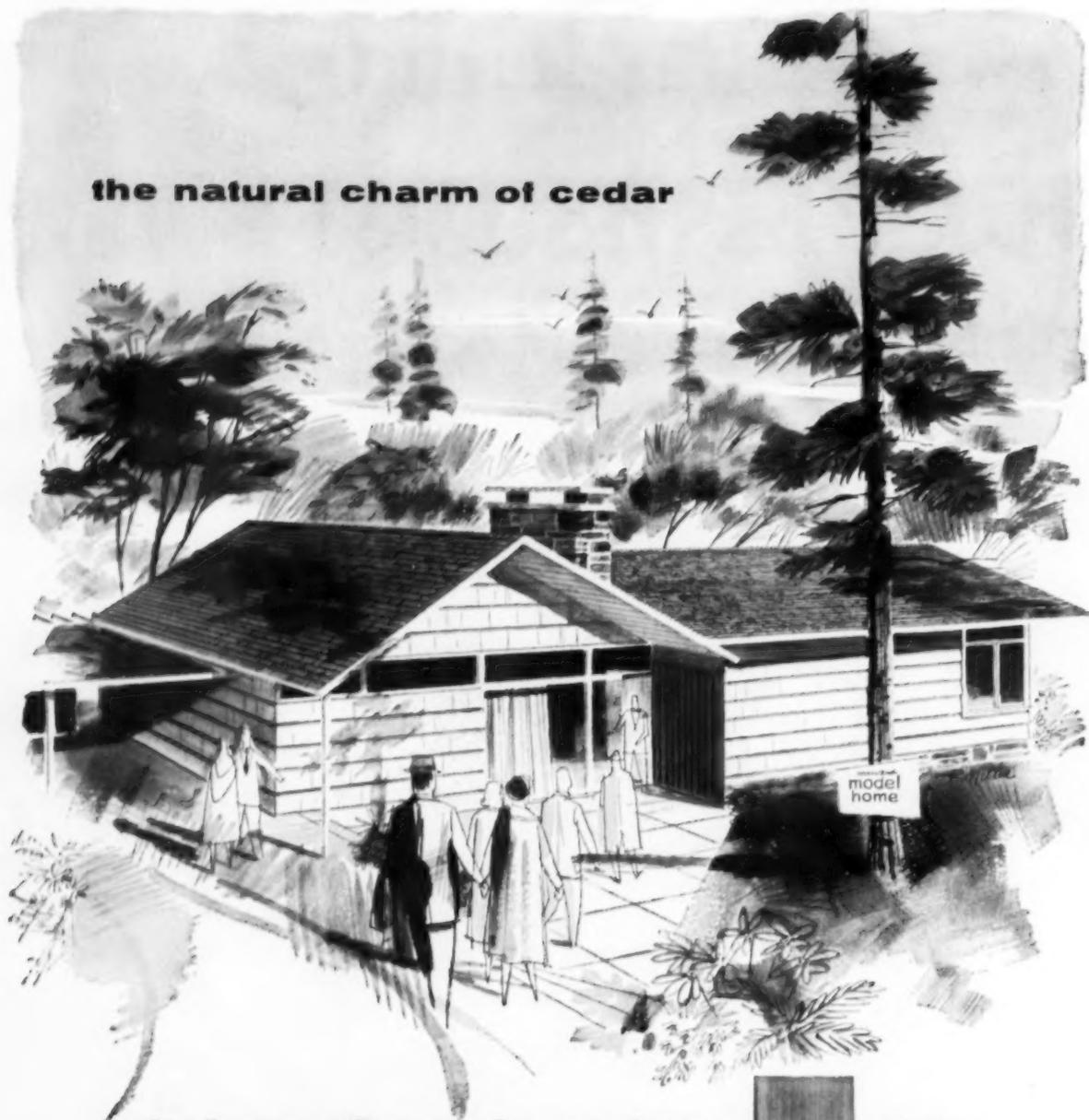
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the natural charm of cedar



...brings them in to buy

People choose houses as they choose friends. They like the genuine article . . . and look for qualities which are honest and steadfast, warm and friendly. That's why first impressions are so important. And why red cedar shingle roofs and walls are so popular! Whether your customers buy with their hearts or their heads, **your best "outside salesman" is cedar.**



Cedar
Shingles
for Roofs
and Walls

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CONSTRUCTION MACHINERY CO 428 VINTON ST WATERLOO IOWA
 Erie Strayer Co Giest & NP RR Erie Pa
 Johnson (C S) Co The PO Box 71 Champaign Ill
 Koehring Co 3026 W Concordia Milwaukee 16 Wis
 Kwik-Mix Co Port Washington Wis
 Neff & Fry Co 150 S Main St Camden Ohio
 Noble Co 1860-7th St Oakland 20 Calif
 Smith (T L) Co 2835 N 32nd St Milwaukee Wis
 Worthington Corp Harrison-Worthington Harrison NJ
 Worthington Corp 37 Appleton St Holyoke Mass

▶ CONCRETE PRODUCTS, PLANT MIXERS

BESSER CO ELM ST ALPENA MICH
 Blaw-Knox Equip Div Blaw-Knox Co Farmers Bank Bldg Pittsburgh 30 Pa
 Carter-Waters Corp 2440 Pennway Kansas City 8 Mo
 Chain Belt Co 4689 W Greenfield Milwaukee 1 Wis
 Concrete Transport Mixer Co 4985 Fyler Ave St Louis 9 Mo
CONSTRUCTION MACHINERY CO 428 VINTON ST WATERLOO IOWA
DUNN (W E) CO 415 W 23RD ST HOLLAND MICH
 Esiek Mfg Co 1950 Sante Fe Ave Los Angeles 21 Calif
 Fleming Mfg Co Cuba Mo
 Fleming Mfg Co 4985 Fyler Ave St Louis 9 Mo
 George (F C) Machine Co 100 S Westmoreland Orlando Fla
 Kent Machine Co Cuyahoga Falls Ohio
 Kwik-Mix Co Port Washington Wis
 Material Handling Inc 4985 Fyler Ave St Louis 9 Mo
 Multiplex Machinery Co Div Multipac Inc 7400 Grand Div Ave Cleveland 25 Ohio
 Smith (T L) Co 2835 32nd St Milwaukee Wis
 Stearns Mfg Co Inc 600 E Beecher Adrian Mich
 Supremix 401 Grace Adrian Mich
 Worthington Corp Harrison-Worthington Harrison NJ
 Worthington Corp 37 Appleton St Holyoke Mass

▶ CONCRETE PRODUCTS PLANTS

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 Anchor Concrete Machinery Co 1191 Fairview Columbus 12 Ohio
 Appley and Son Inc 831 9th St No St Petersburg Fla
BESSE RCO ELM ST ALPENA MICH
 Blaw-Knox Equipment Div Blaw-Knox Co Farmers Bank Bldg Pittsburgh 30 Pa
 Butler Bin Co 945 Blackstone Ave Waukesha Wis
COLOCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND MICH
 Erie Strayer Co Giest & NP RR Erie Pa
 George (F C) Machine Co 100 S Westmoreland Orlando Fla
 Johnson (C S) Co The PO Box 71 Champaign Ill
 Kwik-Mix Co Port Washington Wis
 Stearns Mfg Co Inc 600 E Beecher Adrian Mich

▶ CONCRETE SEALERS

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AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
 American Fluorite Co 4011 Red Bank Rd Cincinnati 27 Ohio
 Atlas Mineral Prods Co Mertzstown Pa
 Bonafide Mills Inc 295 Fifth Ave New York NY
 Camp Co Inc 6958 S State Chicago 21 Ill
 Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill
 Claromex Prods Inc 239 Java Brooklyn 22 NY
COLOCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND MICH
 Dasco Co Inc 1602 Thames St Baltimore 31 Md
 Dennis Chemical Co 2701 Papin St St Louis Mo
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
 Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa
 Haynes Prods Co 4907 Farnam St Omaha 3 Neb
 Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
 Johnson (S C) & Co Inc 1525 Howe St Racine Wis
 Kedmont Mfg Co 330 S Dearborn Chicago 4 Ill
 Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
 Master Builders Co 7016 Euclid Ave Cleveland 3 Ohio
 Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio

O'Brien Corp 101 N Johnson St South Bend 21 Ind
 Ohio Akona Co 1416 Victoria Ave Lakewood 7 Ohio
 Penetone Co The 74 Hudson Ave Tenafly NJ
 Re-Nu-It Corp 424 West 42nd St New York 36 NY
 Rockford Paint Mfg Co 200 Sayre St Rockford Ill
 Rohloff & Co 918 N Western Ave Hollywood 29 Calif
 Servised Prods Corp 6051 W 65th St Chicago 38 Ill
 Sika Chemical Corp 35 Gregory Ave Passaic NJ
 Sonneborn & Sons Bldg Prods Div 404 Fourth Ave New York 16 NY
 Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis
 Standard Oil Co (Indiana) 910 S Michigan Ave Chicago Ill
 Super Concrete Emulsions 1372 E 15th Los Angeles 21 Calif
 Tennant (G H) Co 2566 N Second St Minneapolis Minn
 Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY
 Trusecon Laboratories Div Devoe Reynolds Co Caniff at Grand Trunk Detroit 11 Mich
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 Dart Mfg & Sales Co 1002 S Jason Denver Colo
MALL TOOL CO 7740 S 80 CHICAGO CHICAGO 19 ILL
MASTER VIBRATOR CO 151 STANLEY AVE DAYTON OHIO
 Stow Mfg Co Inc 272 Shear St Binghamton NY
SYNTRON CO 618 LEXINGTON AVE HOMER CITY PA
 Thor Power Tool Co 175 N State St Aurora Ill
 Whiteman Mfg Co 3249 Casitas Ave Los Angeles 39 Calif

▶ CONDUIT, ASBESTOS, AIR

Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio

▶ CONDUIT, RIGID

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AMERICAN BRASS CO 414 MEADOW ST WATERBURY 20 CONN
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CHASE BRASS AND COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
 Conduit Pipe Prods Co 157 W Fulton St Columbus Ohio
 General Elec Co Construction Materials Div Wiring Device Dept Providence RI
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ORANGEBURG MFG CO INC ORANGEBURG NY
 Porter-Hayden Companies 825 Ferlinghuyzen Newark 5 NJ
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Spang-Chalfant Div National Supply Co PO Box 416 Pittsburgh 30 Pa
 United States Rubber Co 1230 Ave of Americas New York 20 NY
 Youngstown Sheet & Tube Co Stambaugh Bldg Youngstown 1 Ohio
 Youngstown Steel Prods Co Stambaugh Bldg Youngstown 1 Ohio

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 Hubbell (Harvey) Inc State & Bostwick Bridgeport 5 Conn
 Ideal Industries Inc 1335 Park Ave Sycamore Ill
MOSLEY ELECTRONICS INC 8622 ST CHARLES ROCK RD ST LOUIS 14 MO
 Porcelain Prods Inc 422 W Sandusky St Findlay Ohio
 Pyle-National Co 1334 N Kostner Chicago 51 Ill

Sherman (H B) Mfg Co 22 Barney St Battle Creek Mich
 Sierra Electric & Mfg Co 544 E 31st Los Angeles Calif
 Trumbull Components Dept General Electric Co Plainville Conn

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BUSH MFG CO 179 SOUTH ST WEST HARTFORD CONN
 Crane Co 836 S Michigan Chicago 5 Ill
 Dunham (C A) Co 400 W Madison St Chicago 6 Ill
 Fedders-Quigan Corp Lator & Hancock Sts Trenton NJ
FERRMAN NELSON 215 CENTRAL AVE LOUISVILLE KY
IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO
 Modine Mfg Co 1300 DeKoven Ave Racine Wis
 National Radiator Co 223 Central Ave Johnstown Pa
 Newbitt (John J) Inc Stereoad Philadelphia 36 Pa
 Rempe Co 340 N Sacramento Chicago 12 Ill
 Rittling Corp Rand Bldg Buffalo 3 NY
 Rome-Turney Radiator Co Rome NY
 Trane Co 3rd & Cameron La Crosse Wis
TUTTLE & BAILEY INC 1706 CORBIN AVE NEW BRITAIN CONN
VULCAN RADIATOR CO 775 CAPITOL AVE HARTFORD CONN
WEBSTER (WARREN) & CO 17TH & FEDERAL STS CAMDEN 5 NJ
 Young Radiator Co 709 S Marquette St Racine Wis

▶ CONVEYORS, BUCKET & FLIGHT

Alvey-Ferguson Co Inc North & Disney Sts Cincinnati 9 Ohio
 American Conveyor Co 1115 W Adams Chicago 7 Ill
 Atlas Conveyor Co 1st and 15th Sts Clintonville Wis
 Barber-Green Co 400 N Highland Aurora Ill
 Haughman Mfg Co Inc Arch St & Shipman Jerseyville Ill
 Bodison Mfg Co 2403 Bayshore Blvd San Francisco Calif
 Bonded Seal & Machine Co 1101 Bellview Columbus 7 Ohio
 Bosworth Mfg Co Mills Rd Avon Ohio
 Brady Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
 Chain Belt Co 4689 W Greenfield Milwaukee 1 Wis
 Concrete Transport Mixer Co 4985 Fyler Ave St Louis 9 Mo
 Erie-Strayer Co Giest & NP RR Erie Pa
 Fairfield Engineering Co 324 Barnhart St Marion Ohio
 Godfrey Conveyor Co 1301 Wolf St Elkhart Ind
 George Hains Mfg Co Inc 350 Fifth Ave New York 1 NY
 Hewitt Rubber Div Hewitt-Robins Inc Central & Kensington Buffalo 5 NY
 Jeffrey Mfg Co 771 N 14th St Columbus 16 Ohio
 Link-Belt Co 307 N Michigan Ave Chicago 1 Ill
 Lippmann Engineering Works 4603 W Mitchell St Milwaukee 14 Wis
 Material Handling Inc 4985 Fyler Ave St Louis 9 Mo
 Mathew Conveyor Co 190 Tenth St Ellwood City Pa
 Metzgar Conveyor Co 413 Douglas NW Grand Rapids Mich
 Mulkey (Sam) Co Box 270 Lee Summit Mo
 New London Engineering Co 1700 Division St New London Wis
 Northern Conveyor Co Western Ave Janesville Wis
 Oliver Corp Farquhar (A B) Div 142 N Duke St York Pa
 Power-Pack Conveyors Cleveland 10 Ohio
 Stephens-Adamson Mfg Co 274 Ridgeway Ave Aurora Ill
 Tyra (R K) Co Highway 61 Tyra Minn
 Universal Hoist and Mfg Co Cedar Falls Iowa
 Western Foundry Co 2400 S W Water Ave Portland 1 Ore
 Willard Concrete Machinery Co 11700 Wright Rd Lynwood Calif

▶ CONVEYORS, CHAIN LINK & CHAIN BELT

Allington and Curtis Mfg Co 1810 Holland Ave Saginaw Mich
 Alvey-Ferguson Co Inc North & Disney Sts Cincinnati 9 Ohio

Robinson Mfg Co 2403 Bayshore Blvd San Francisco Calif
 Bonded Scale and Machine Co 1101 Bellview Columbus 7 Ohio
 Brady Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
 Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio
 Chain Belt Co 4629 W Greenfield Milwaukee 1 Wis
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
 Cyclone Fence American Steel Wire Div U S Steel Corp Box 269 Waukegan 1 Ill
 Fairfield Engineering Co 324 Barnhart St Marion Ohio
 Filer & Stowell Co 147 E Becher St Milwaukee 7 Wis
 George Hains Mfg Co Inc 350 Fifth Ave New York 1 NY
 Howry-Berg Steel & Iron Works 1366 W Oxford Ave Englewood Colo
 Jeffrey Mfg Co 771 N 4th St Columbus 16 Ohio
 Link-Belt Co 307 N Michigan Ave Chicago 1 Ill
 Mathews Conveyor Co 190 Tenth St Ellwood City Pa
 Mulkey (Sam) Co Box 270 Lee Summit Mo
 New London Engineering Co 1709 Division St New London Wis
 Northern Conveyor Co Western Ave Janesville Wis
 Pettibone Mulliken Corp 4700 W Division Chicago 51 Ill
 Reel Cap Co Div Harrison-Sanders Inc Route 202 North Paoli Pa
RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL
 Standard Conveyor Co 315 NW Second St N St Paul 9 Minn
 Stephens-Adamson Mfg Co 274 Ridgeway Ave Aurora Ill
 Wheland Co Signal Mountain Rd Chattanooga 5 Tenn

► CONVEYORS, GRAVITY ROLLER

Allied Welding and Mfg Co Orlando Fla
 Alvey-Ferguson Co Inc North and Disney Cincinnati 9 Ohio
 American Conveyor Co 1115 W Adams Chicago 7 Ill
 Arrow Prods Inc 417 Front St NW Grand Rapids Mich
BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
 Bonded Scale and Machine Co 1101 Bellview Columbus 7 Ohio
 Brady Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
 Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio
 Chase Turbine Mfg Co Orange Mass
 Corley Mfg Co Clifton Hills Chattanooga 1 Tenn
 Delta Tank Mfg Co PO Box 1469 Baton Rouge La
 Fleming Mfg Co 4985 Fyler Ave St Louis 9 Mo
 General Conveyor & Mfg Co 3601 Salena St Louis 18 Mo
 Haslett Chute & Conveyor Co 717 Brower Ave Oksa 1 Pa
 Johnson (C S) Co The PO Box 71 Champaign Ill
 Lamson Corp 303 Lamson St Syracuse 1 NY
 Lippmann Engineering Works 4603 W Mitchell St Milwaukee 14 Wis
 Mar-Rail Conveyor Co 560 York Ave Pawtucket RI
 Logan Co 201 Cabel St Louisville 6 Ky
 Market Forge Co 35 Garvey St Everett 49 Mass
 Mar-Rail Conveyor Co 560 York Ave Pawtucket RI
 Media Machine Wks Inc 620 Park Ave Pawtucket RI
 Metzgar Conveyor Co 413 Douglas NW Grand Rapids Mich
 Oliver Corp Farquhar (A B) Div 142 N Duke St York Pa
 Rapids-Standard Co Inc 144 Trowbridge St Grand Rapids Mich
 St Paul Foundry & Mfg Co 500 Como Ave St Paul 3 Minn
 Standard Conveyor Co 315 NW Second St N St Paul 9 Minn
 Texas Sheet Metal and Mfg Co 6114 Forest Park Dallas 9 Texas
 Western Foundry Co 2400 SW Water Ave Portland 1 Ore
 Wheland Co Signal Mountain Rd Chattanooga 5 Tenn
 Wilson Saw Div Media Machine Wks Inc 626 Park Avenue Media Pa

► CONVEYORS, OVERHEAD

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 Brady Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
 Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio
 Cleveland Tramrail Div 5866 E 289th St Wickliffe Ohio
 Fairfield Engineering Co 324 Barnhart St Marion Ohio

Gifford-Wood Co 25 Hill St Hudson NY
 Hewitt Rubber Div Hewitt-Robins Inc Central & Kensington Buffalo 5 NY
 Johnson (C S) Co The PO Box 71 Champaign Ill
 Lamson Corp 303 Lamson St Syracuse 1 NY
 Landahl Conveyor Co 534 Dennison Ave Columbus 8 Ohio
 Link-Belt Co 307 N Michigan Ave Chicago 1 Ill
 Lippmann Engineering Works 4603 W Mitchell St Milwaukee 14 Wis
 Logan Co 201 Cabel St Louisville 6 Ky
 Loudon Machinery Co 1120 Broadway Fairfield Iowa
 Mathews Conveyor Co 190 Tenth St Ellwood City Pa
 Northern Conveyor Co Western Ave Janesville Wis
 Olson Mfg Co 620-24 S Broadway Albert Lea Minn
 Rapids-Standard Co Inc 144 Trowbridge St Grand Rapids Mich
RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL
 Western Foundry Co 2400 SW Water Ave Portland 1 Ore
WICKWARE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

► CONVEYORS, PORTABLE BELT

Alvey-Ferguson Co Inc North and Disney Cincinnati 9 Ohio
 American Conveyor Co 1115 W Adams Chicago 7 Ill
 Arrow Prods Inc 417 Front St NW Grand Rapids Mich
 Atlas Conveyor Co 1st and 15th Sts Clintonville Wis
 Barber Greene Co 409 N Highland Aurora Ill
 Baughman Mfg Co Inc Arch St & Shipman Jerseyville Ill
 Bonded Scale and Machine Co 1101 Bellview Columbus 7 Ohio
 Boxworth Mfg Co Mills Rd Avon Ohio
 Brady Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
 Buschman (E W) Co Inc Clifton at Winton Cincinnati 32 Ohio
 Concrete Transport Mixer Co 4985 Fyler Ave St Louis 9 Mo
 Fairfield Engineering Co 324 Barnhart St Marion Ohio
 Ferguson (Harry J) Co 141 West Ave Jenkintown Pa
 George (F C) Machine Co 100 S Westmoreland Orlando Fla
 Godfrey Conveyor Co 1301 Wolf St Elkhart Ind
 George Hains Mfg Co Inc 350 Fifth Ave New York 1 NY
 Haslett Chute & Conveyor Co 717 Brower Ave Oksa 1 Pa
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
 Lake Shore Engineering Co E Magnetic St Iron Mountain Mich
 Lindig Mfg Co Inc 1875 W County Rd St Paul Minn
 Lippmann Engineering Works 4603 W Mitchell St Milwaukee 14 Wis
 Mar-Rail Conveyor Co 560 York Ave Pawtucket RI
 Material Handling Inc 4985 Fyler Ave St Louis 9 Mo
 Mathews Conveyor Co 190 Tenth St Ellwood City Pa
 Metzgar Conveyor Co 413 Douglas NW Grand Rapids Mich
 Mulkey (Sam) Co Box 270 Lee Summit Mo
 New London Engineering Co 1709 Division St New London Wis
 Noble Co 1860-7th St Oakland 20 Calif
 Northern Conveyor Co Western Ave Janesville Wis
 Oliver Corp Farquhar (A B) Div 142 N Duke St York Pa
 Power-Pack Conveyors Cleveland 10 Ohio
 Red Cap Co Div Harrison-Sanders Inc Route 202 North Paoli Pa
 St Paul Foundry & Mfg Co 500 Como Ave St Paul 3 Minn
 Standard Conveyor Co 315 NW Second St N St Paul 9 Minn
 Tyra (R K) Co Highway 61 Tyra Minn
 Universal Hoist and Mfg Co Cedar Falls Iowa
 West Bend Equipment Corp 299 S Water St West Bend Wis
 Western Foundry Co 2400 S W Water Ave Portland 1 Ore
 Willard Concrete Machinery Co 11700 Wright Rd Lynwood Calif

► COOLERS, WATER, ELECTRIC

Ebec Mfg Co 235 N Hamilton Rd Columbus 13 Ohio
 Frick Co 329 Broadway Waynesboro Pa
 Frigidaire Div General Motors Corp 300 Markham St Dayton 1 Ohio
GENERAL ELECTRIC CO 5 LAWRENCE ST BLOOMFIELD NJ

Haws Drinking Faucet Co 4th and Page Sts Berkeley 10 Calif
 Kelvinator 14250 Plymouth Rd Detroit 32 Mich
 National Gas Equipment Co Inc Denison Texas
 Suroc Refrigeration Co Glen Riddle Pa
 Taco Heaters Inc 1160 Cranston St Cranston 9 RI
 Taylor (Halsey W) Co 1259 N Park Ave Warren Ohio
 Uniflow Mfg Co 1525 E Lake Rd Erie Pa
WESTINGHOUSE ELECTRIC CORP ELECTRIC APPLIANCE DIV 246 EAST 4TH ST MANSFIELD OHIO
WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA
 Westinghouse Electric Corp 653 Page Blvd Springfield 2 Mass

► COOLING TOWERS

Acme Industries Inc 600 N Mechanic St Jackson Mich
 Empire Stove Co 918 Freeburg Ave Belleville Ill
HALSTEAD & MITCHELL BESSEMER BLDG PITTSBURGH 22 PA
 Marlo Coil Co 6155 Manchester Rd St Louis 10 Mo
 McPherson Inc 4603 Osborne Ave Tampa 3 Fla
 Pacific Wood Tank Corp 461 Market St San Francisco Calif

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 Furwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn
 Giehrer Inc 1900 Kendall N E Washington 2
KENNECOTT COPPER CORP 161 E 42ND ST NEW YORK 17 NY
 Rigidized Metals Corp 658 Ohio St Buffalo 5 NY

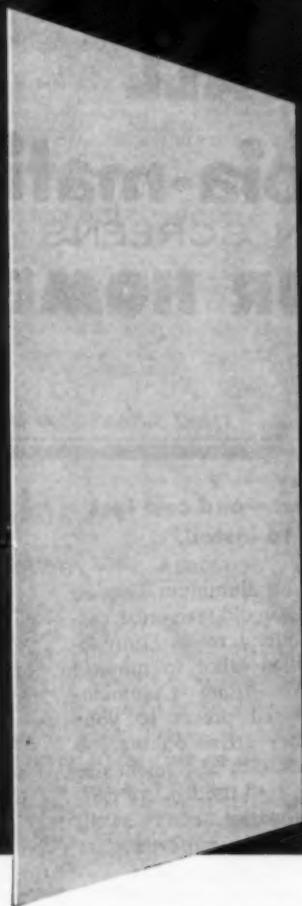
► CORD, PLASTIC

HUNTER DOUGLAS CORP 150 BROADWAY NEW YORK 38 NY
 Parantire Wire & Cable Div Essex Wire Corp 1601 Wall St Ft Wayne 6 Ind
 Samson Cordage Works 470 Atlantic Ave Boston 10 Mass
 Shuford Mills Inc PO Drawer 340 Hickory NC
 Silver Lake Co 470 Atlantic Ave Boston 10 Mass
 General Elec Co Construction Materials Div Wiring Device Dept Providence RI
 Parantire Wire & Cable Div Essex Wire Corp 1601 Wall St Ft Wayne 6 Ind

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 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BIRD AND SON INC 47 WILSON ST EAST WALPOLE MASS
 Brainerd Mfg Co N Washington & Harris E Rochester NY
 Bugher Mfg Co 211 E Main St Kokomo Ind
 Capilano Timber Co Ltd PO Box 608 Vancouver BC Can
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 26 NY
 Harris Inc 200 E Long St Columbus Ohio
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
 Jones & Brown Inc 439 Sixth Ave Pittsburgh 19 Pa
 Kaptur (Joseph J) & Co 121st & 90th Sts Palos Park Ill
 Keen (F D) Mfg Co 700 Park Ave Beatrice Neb
 Klauer Mfg Co 9th & Washington Sts Dubuque Iowa
 La Crosse Steel Roofing Co 227 Jay St La Crosse Wis
MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA
 Meldrum Mfg & Engineering Co 473 N Cleveland Ave St Paul 4 Minn
 Merwin Mfg Co 19th and German Erie Pa
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WABASHA ST ST PAUL 1 MINN
Wheeling Corrugating Co 1134 Market St
Wheeling W Va

▶ CORNICES, METAL

REPUBLIC STEEL CORP BERGER DIV
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Farwell Metal Fabricating Div Fairfield &
Walter St Paul 1 Minn
Meyer (F) and Bro Co Peoria Ill
STEELCRAFT MFG CO 9017 BLUE ASH RD
ROSSMOYNE OHIO
Tyra (R K) Co Highway 61 Tyra Minn

▶ COVE, MOLDED PLYWOOD

Aetna Plywood Veneer Co 1731 N Elston Ave
Chicago 22 Ill
Keller Prods Inc 41 Union St Manchester NH
Plutex Corp 1731 Elston Ave Chicago 22 Ill
Pyramid Mouldings Inc 5353 W Armstrong
Chicago 30 Ill
U S Mengel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky
UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY

▶ COVERING, FABRIC WALL

Columbus Coated Fabrics Corp Seventh &
Grant Ave Columbus 16 Ohio
Standard Coated Prods Inc A D Wessling
Buchanan NY
WIGGINS (H B) SONS CO 56 ARCH ST
BLOOMFIELD NJ

▶ COVERING, PIPE, ASBESTOS

Acme Asbestos Covering & Flooring Co 239 N
Elizabeth Chicago 7 Ill
ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA
Asbestos Asphalt & Insulation Inc 2100 Full-
erton Ave Chicago 47 Ill
Carey (Philip) Mfg Co 316 S Wayne Cincin-
nati 15 Ohio
Curtis Mfg & Asbestos Co 29 Lewis Wharf
Boston 10 Mass
Ehret Magnesia Mfg Co Crawford & County
Line Rd Valley Forge Pa
JOHNS-MANVILLE CORP 22 EAST 40TH ST
NEW YORK 16 NY
KEASBEY & MATTISON CO BUTLER AVE
AMBLER PA
Pabco Prods Inc 475 Brannan St San Fran-
cisco Cal
RUBEROID CO 500 5TH AVE NEW YORK
36 NY
Sall Mountain Co Box 777 Hamilton Ohio
Smith & Kanzler Co East Linden Ave Linden
NJ
Standard Asbestos Mfg Co 860 W Evergreen
Av Chicago 22 Ill
Wilson (Grant) Inc 141 W Jackson Blvd Chi-
cago 4 Ill

▶ COVERINGS, PIPE, CLOTH

Asbestos Asphalt & Insulation Inc 2100 Ful-
lerton Ave Chicago 47 Ill
Daniels (C R) Inc Daniels Md
Standard Asbestos Mfg Co 860 W Evergreen
Av Chicago 22 Ill
Stanley (William W) Co Inc 401 Broadway
New York 13 NY
United Tent and Supply Co 759 N Spring St
Low Angeles Calif
Werner Canvas Prods Co 609 Bergen St
Brooklyn 38 NY

▶ COVERINGS, PIPE, FIBROUS GLASS

Fiber-Glass Div Libbey-Owens-Ford Glass Co
608 Madison Av Toledo 3 Ohio
OWENS-CORNING FIBERGLAS CORP
NICHOLAS BLDG TOLEDO 3 OHIO
Standard Asbestos Mfg Co 860 W Evergreen
Av Chicago 22 Ill

▶ COVERINGS, PLASTIC FOR METAL

Dennis Chemical Co 2701 Papin St St Louis
Mo
Evercrete Corp 424 W 42nd St New York 18
NY
Hollershead (R M) Corp 840 Cooper St
Camden 2 NJ
Tufcrete Co Inc 552 Teachout Bldg Des Moines
9 Iowa
WRIGHT MFG CO PO BOX 6567 HOUSTON 5
TEXAS

▶ COVERINGS, RESILIENT WALL

ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA
Bonafide Mills Inc 295 Fifth Ave New York NY
Sloane-Delaware Floor Prods Inc PO Box 401
Trenton 3 NJ
Tile-Tex Div Flintkote Co 1200 McKinley Ave
Chicago Heights Ill
Williams Prods Co Inc 6127 Cedar Ave Phila-
delphia 43 Pa

▶ COVERINGS, VINYL PLASTIC, FLOOR

ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA
Azrock Prods Div Uvalde Rock Asphalt Co
Box 531 San Antonio 6 Tex
Bonafide Mills Inc 295 Fifth Ave New York NY
Camp Co Inc 6958 S State Chicago 21 Ill
GOODYEAR TIRE & RUBBER CO 1485 E
ARNDTWOOD AVE AKRON 16 OHIO
HACHMEISTER INC PO BOX 357 PITTS-
BURGH 30 PA
JOHNS-MANVILLE CORP 22 EAST 40TH ST
NEW YORK 16 NY
Sandura Company Inc 17th & Sansom St
Philadelphia 3 Pa
Sloane-Delaware Floor Prods Inc PO Box 401
Trenton 3 NJ
Tile-Tex Div Flintkote Co 1200 McKinley Ave
Chicago Heights Ill
Williams Prods Co Inc 6127 Cedar Ave Phila-
delphia 43 Pa
WRIGHT MFG CO PO BOX 6567 HOUSTON 5
TEXAS
Fiske (J W) Iron Works 80 Park Place New
York 7 NY
Industrial Iron Works PO Box 4625 Portland
2 Ore
Logan Co 201 Cabel St Louisville 6 Ky
Western Foundry Co 2400 SW Water Ave
Portland 1 Ore

▶ COVERINGS, WALL, WOOD ON CLOTH

UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY

▶ CRANES, CRAWLER & TRUCK MOUNTED

American Hoist and Derrick Co 63 S Robert St
St Paul 1 Minn
BADGER MACHINE CO WINONA MINN
Bay City Shovels Inc 2611 Center Bay City
Mich
BUCYRUS-ERIE CO S MILWAUKEE WIS
Coles Crane Co PO Box 942 Joliet Ill
Koehring Co 3026 W Concordia Milwaukee 16
Wis
Kwik-Mix Co Port Washington Wis
Letourneau-Westinghouse Co 2301 N Adams St
Peoria Ill
Link-Belt Speeder Corp 1201 6th St SW Cedar
Rapids Iowa
Northwest Engineering Co 135 So LaSalle St
Chicago 3 Ill
Ohio Hoist & Mfg Co Inc 13124 Shaker Square
Cleveland 20 Ohio
Schild Bantam Co 221 Park St Waverly Iowa
Thew Shovel Co 1374 E 28th St Lorain Ohio
Unit Crane and Shovel Corp 6411 W Burnham
St Milwaukee 14 Wis
Wood (Gar) Industries Inc Michigan Blvd
Wayne Mich

▶ CRANES, OVERHEAD TRAVELING

American Bridge Div US Steel Corp 525 Will-
iam Penn Pittsburgh 30 Pa
Chicago Tramrail Co 4000 W Washington
Chicago Ill
Chisholm-Moore Hoist Div Columbus-McKin-
ley Chain Corp Fremont Ave Tonawanda NY
Cleveland Tramrail Div Cleveland Crane &
Engrg Co 5866 E 289th St Wickliffe Ohio
Conco Building Prods Inc Box 111 Mendota
Ill
Detroit Hoist & Machine Co 8207 Morrow St
Detroit 11 Mich
Downs Crane & Hoist Co 540 W Vernon Ave
Los Angeles 37 Cal
Electro-Lift Inc 204 Sargeant Ave Clifton NJ
Erie-Strayer Co Giant & NPRR Erie Pa
HARNISCHFEGER CORP 4400 W NATION-
AL MILWAUKEE 46 WIS
Lane Mfg Co Montpelier Vt
Louden Machinery Co 1120 Broadway Fairfield
Iowa
Ohio Hoist & Mfg Co Inc 13124 Shaker Square
Cleveland 20 Ohio
Reading Crane & Hoist Corp 2100 Adams St
Reading Pa

RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL

Robbins & Myers Inc 1345 Lagonda Ave
Springfield Ohio
Round (David) & Son Inc PO Box 883 Cleve-
land 21 Ohio
Shaw-Box Crane & Hoist Div Mann Max &
Moore Muskegon Mich
Shepard Miles Crane & Hoist 410 Schuyler Ave
Montour Falls NY
Whitting Corp 15613 Lathrop Ave Harvey Ill
Wright Hoist Div American Chain Co York
Penn

▶ CRANES, POWER INDUSTRIAL

American Hoist and Derrick Co 63 S Robert St
St Paul 1 Minn
Clyde Iron Works Inc 29th Ave & W Michigan
Duluth 1 Minn
Elwell-Parker Electric Co 4156 St Clair Ave
Cleveland 3 Ohio
HARNISCHFEGER CORP 4400 W NATION-
AL MILWAUKEE 46 WIS
Hughes-Keanan Corp London Road Delaware
Ohio
Hyster Co 2902 NE Clackamas Portland 8
Oregon
Indiana Limestone Co Inc 405 N "I" St Bed-
ford Ind
Koehring Co 3026 W Concordia Milwaukee 16
Wis
Kwik-Mix Co Port Washington Wis
Lewis-Shepard Prods Inc 125 Walnut St
Watertown 72 Mass
Link-Belt Speeder Corp 1201 6th St SW Cedar
Rapids Iowa
Market Forge Co 35 Garvey St Everett 49 Mass
Milford Crane and Machine Co Milford Conn
Northwest Engineering Co 135 So LaSalle St
Chicago 3 Ill
Reading Crane & Hoist Corp 2100 Adams St
Reading Pa
Ross Carrier Co 331 Miller Harbor Benton
Harbor Mich
Shepard Miles Crane & Hoist 410 Schuyler
Ave Montour Falls NY
Silent Hoist & Crane Co 875-63rd St Brooklyn
20 NY

▶ CRANES, TRACTOR & TRUCK

American Hoist and Derrick Co 63 S Robert St
St Paul 1 Minn
BADGER MACHINE CO WINONA MINN
Bay City Shovels Inc 2611 Center Bay City
Mich
Bradley Machine Co Middletown NY
Clyde Iron Works Inc 29th Ave & W Mich
Duluth 1 Minn
HARNISCHFEGER CORP 4400 W NATION-
AL MILWAUKEE 46 WIS
Hough (Frank G) Co The 811 Sunnyside Ave
Libertyville Ill
Hughes-Keanan Corp London Road Delaware
Ohio
Hyster Co 2902 NE Clackamas Portland 8
Oregon
Koehring Co 3026 W Concordia Milwaukee 16
Wis
Kwik-Mix Co Port Washington Wis
Link-Belt Speeder Corp 1201 6th St SW Cedar
Rapids Iowa
Market Forge Co 35 Garvey St Everett 49 Mass
Milford Crane and Machine Co Milford Conn
Northwest Engineering Co 135 So LaSalle St
Chicago 3 Ill
OLIVER CORP 400 W MADISON ST CHI-
CAGO ILL
Osgood General Cheney Ave Marion Ohio
Silent Hoist & Crane Co 875-63rd St Brooklyn
20 NY
Stimmel Winch Co Inc 37-24-33rd St Long
Island 1 NY
Taylor Machine Works Louisville Miss
Thew Shovel Co 1374 E 28th St Lorain Ohio
Wood (Gar) Industries Inc Michigan Blvd
Wayne Mich

▶ CRANES & SHOVELS, POWERED

Allis-Chalmers Mfg Co 1126 S 70th St Milwau-
kee Wis
BADGER MACHINE CO WINONA MINN
American Hoist and Derrick Co 63 S Robert St
St Paul 1 Minn
Bay City Shovels Inc 2611 Center Bay City
Mich
BUCYRUS-ERIE CO S MILWAUKEE WIS
Cleveland Trencher Co 20100 St Clair Ave
Cleveland 1 Ohio
Coles Crane PO Box 942 Joliet Ill
Day-Smith Hydraulic Corp Camp Hill Pa
Koehring Co 3026 W Concordia Milwaukee 16
Wis
Kwik-Mix Co Port Washington Wis
Link-Belt Speeder Corp 1201 6th St SW Cedar
Rapids Iowa
Marion Power Shovel Co 617 W Center St
Marion Ohio
Michigan Power Shovel Co 250 Miller Rd
Benton Harbor Mich
Milwaukee Power Equipment Co 1111 W Bruce
Milwaukee 4 Wis

Northwest Engineering Co 135 So LaSalle St Chicago 3 Ill
Orton Crane & Shovel Co 608 S Dearborn St Chicago 8 Ill
Osgood General Chseny Ave Marion Ohio
Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
Ross Carrier Co 331 Miller Harbor Benton Harbor Mich
Schild Hantam Co 221 Park St Waverly Iowa
Silent Holst & Crane Co 875-63rd St Brooklyn 20 NY
Thew Shovel Co 1374 E 28th St Lorain Ohio
Unit Crane and Shovel Corp 6411 W Burnham St Milwaukee 14 Wis

► CRESTING & FINIALS, ROOF, SHEET METAL

REPUBLIC STEEL CORP BERGER DIV 1638 BELDEN AVE NE CANTON 5 OHIO
C&O STEEL PRODS CORP 5691 W 26TH ST CHICAGO 56 ILL
Farwell Metal Fabricating Div Fairfield & Walter St Paul 1 Minn
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
FENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY
Wheeling Corrugating Co 1134 Market St Wheeling W Va

► CRIBBING, WIRE

AMERICAN STEEL AND WIRE DIV US STEEL CORP 1426 ROCKEFELLER BLDG CLEVELAND 13 OHIO
Badger Corrugating Co 1801 West Ave So La Crosse Wis
Continental Steel Corp 1109 S Main St Kokomo Ind
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
Logan Co 201 Cabell St Louisville 6 Ky
Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio
Mfg States Steel and Wire Co Crawfordville Ind
Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill

► CRIBS, CORN, PORTABLE

AMERICAN STEEL AND WIRE DIV US STEEL CORP 1426 ROCKEFELLER BLDG CLEVELAND 13 OHIO
Beatrice Steel Tank Mfg Co S Beatrice Neb
Butler Mfg Co 7400 E 13th St Kansas City 26 Mo
Carol Fence Co 735 N Water Milwaukee 2 Iowa
Gaynor (E S) Lumber Co Box 207 Sioux City 2 Iowa
Illinois Wire & Mfg Co PO Box 1396 Joliet Ill
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
Midwest Steel Prods Co Railway Exchange Bldg Kansas City 6 Mo
Nebraska Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb
Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
Prefabricated Prods Co Inc Dexter Horton Bldg Seattle 4 Wash
ROWE MFG CO 614 W THIRD ST GALESBURG ILL
Safgard Div Grand Sheet Metal Prods Co 2055 Ruby Street Melrose Park Ill
Security Fence & Mfg Co 8701 North 30th Omaha 12 Neb
Super-Structures Inc 1015 So Jefferson Albert Lea Minn
Wheeler-Arnold Co Wittenberg Wis

► CRIBS, GRAIN, STEEL

Aerfirst Chemical Corp Lincoln Neb
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
Lamneck Prods Inc Middletown Ohio
Martin Steel Prods 111 W Longview Mansfield Ohio
Ross Equipment Co Warden St Springfield Ohio
Slebring Mfg Co Peven St George Iowa
Tyra (H K) Co Highway 61 Tyra Minn

► CUTTERS, ASBESTOS CEMENT BOARD

Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
JOHNS-MANVILLE CORP 22 EAST 49TH ST NEW YORK 16 NY
PEARSON (O) MFG CO PO BOX 255 LAKE VILLA ILL

► CUTTERS, BAR

Blum (Julius) and Co Inc Carlstadt NJ
C H and E Mfg Company 2849 N Palmer St Milwaukee 12 Wis
Gaifring Tool Co 21221 Hoover Rd Detroit Mich
Union Twist Drill Co 70 Monroe St Athol Mass

► CUTTERS, INSULATION BOARD

Hartmeister Mfg Co Inc 2020 W Barbary Pl Denver 4 Colo
Huther Brothers Saw Mfg Co Inc 1290 University Rochester 7 NY
KIMBALL MFG CO 816 UNIVERSITY PL EVANSTON ILL
Stanley Tools Div 111 Elm Ave New Britain Conn

► CUTTERS, MOULDING

BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
BOICE CRANE CO 939 W CENTRAL AVE TOLEDO 6 OHIO
Dependable Machine Co Box 839 Greensboro NC
Ekstrom Carlson & Co 1400 Railroad Ave Rockford Ill
Huther Brothers Saw Mfg Co Inc 1290 University Rochester 7 NY
Kneisley Electric Co 2501-9 LaGrange St Toledo 3 Ohio
Mattison Machine Works 545 Blackhawk Park Rockford Ill
FOOTATUCK CORP 50 SAMMIS PL STRATFORD CONN
Ridgely Trimmer Co 1300 Kenton St Springfield 99 Ohio
Shimer (Samuel J) & Sons Inc Box 268 Milton Pa
Stanley Electric Tools 400 Myrtle St New Britain Conn
United Industries Inc 231 S LaSalle Chicago 4 Ill
Woods (S A) Machine Co Damrell & Alger St Boston 27 Mass
Yates-American Machine Co 729 Fourth St Beloit Wis

► CUTTERS, SHINGLE, ASBESTOS CEMENT

Badger Corrugating Co 1801 West Ave S La Crosse Wis
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
FLINTKOTE CO 38 ROCKEFELLER PLAZA NEW YORK 20 NY
Huther Brothers Saw Mfg Co Inc 1290 University Rochester 7 NY
JOHNS-MANVILLE CORP 22 EAST 49TH ST NEW YORK 16 NY
KEASBEY & MATTISON CO BUTLER AVE AMBLER PA
Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
Parsons Brothers Slate Co Box 596 Pen Argyl Pa
PEARSON (O) MFG CO PO BOX 255 LAKE VILLA ILL
RUBEROID CO 500 5TH AVE NEW YORK 36 NY
SPECIALTY TOOL MFRS 732 S ILLINOIS ST BELLEVILLE ILL
Texas Foundries Inc PO Box 189 Lufkin Texas
Tri-States Building Materials Co 6100 Camp Bowie Blvd Ft Worth 2 Texas

► CUTTERS, SIDING, ASPHALT

La Belle Industries Inc Oconomowoc Wis
PEARSON (O) MFG CO PO BOX 255 LAKE VILLA ILL

► CUTTERS, TILE

Camp Co Inc 6958 S State Chicago 21 Ill
Dreuden Mfg Co 2375 Walnut Ave Long Beach 6 Calif
Fletcher-Terry Co 437 South St Forestville Conn
GOLDBLATT TOOL CO 1918 WALNUT ST KANSAS CITY 8 MO
Hood Bros 4336 Orchard St Philadelphia 24 Pa
J M J INDUSTRIES INC 226 CENTERVILLE AVE BELLEVILLE ILL
MASTER WOODWORKER MFG CO INC 461-411 E FORT ST DETROIT 26 MICH
Mastic Tile Corp of America N Montgomery Newburgh NY
Sandvik Saw & Tool Corp 47 Warren St New York 7 NY

Selek (Walter E) & Co 223 West Hubbard Chicago 10 Ill
Tile-Tex Div Flintkote Co 1200 McKinley Ave Chicago Heights Ill
Wen Prods Inc 5806 N W Highway Chicago 31 Ill
Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa

► DAMPERS FOR CEILING DIFFUSER

Badger Corrugating Co 1801 West Ave S La Crosse Wis
Hart & Conley Mfg Co 509 E 8th St Holland Mich
Air Control Prods Inc Glade St at Larch Cooperaville Mich
United States Register Co 344 E Burnham St Battle Creek Mich
Young Regulator Co 5209 Euclid Ave Cleveland 3 Ohio

► DAMPERS, FIREPLACE

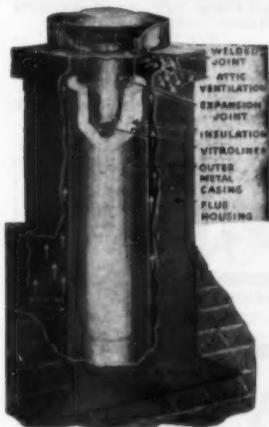
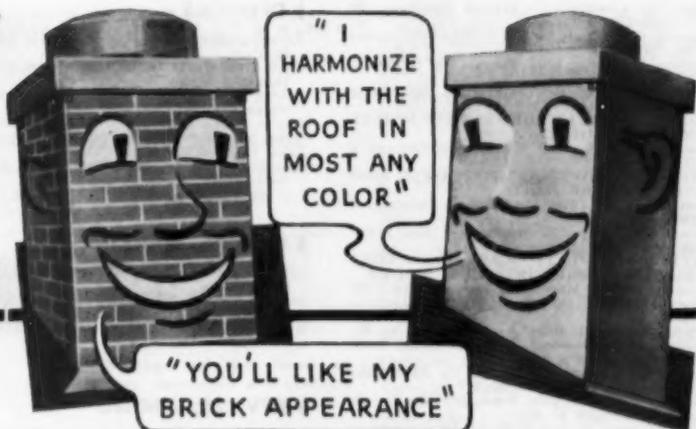
Adams Co The PO Box 268 Dubuque Iowa
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Stratton & Terastegge Co Anchor Div 390 Culbertson Ave New Albany Ind
Bennett-Ireland Inc 13 State St Norwich NY
Builders Brick Co 3800-9th Ave S Seattle 8 Wash
Carter Engineering Co Warrentown Va
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
Colonial Fireplace Co 540 N Cleoro Chicago 44 Ill
Columbia Brick Works 1320 S E Water Ave Portland 14 Ore
Covert (H W) Co 339 E 48th St New York 17 NY
Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich
Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
H & R Mfg Co 20080 St Clair Cleveland 17 Ohio
Harris Inc 200 E Long St Columbus Ohio
Industrial Iron Works PO Box 4625 Portland 2 Ore
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
MAJESTIC CO HALL ST HUNTINGTON IND
Peerless Mfg Co 1409 W Ormsby St Louisville 10 Ky
Portland Stove Foundry Co 57 Kennebec St Portland Maine
PRECO FIREPLACE HEATER & TANK CORP 195 W AUSTIN ST BUFFALO 7 NY
SUPERIOR FIREPLACE CO 1708 E 15TH ST LOS ANGELES 21 CALIF
Swett (A L) Iron Works 145 Glenwood Ave Medina NY
Tristop Damper Co 2115 No 34th St Seattle 3 Wash
Tristop Damper Co Trussville Ala
Vestal Mfg Co PO Box 152 Sweetwater Tenn
Western Foundry Co 2400 S W Water Ave Portland 1 Ore
Wisconsin Face Brick & Supply Co 4485 N Green Bay Milwaukee Wis
Young Regulator Co 5209 Euclid Ave Cleveland 3 Ohio

► DAMPPROOFING COMPOUNDS

Asbestos Mfg Corp 131 Wabash St Michigan City Ind
Adensite Co 37-19 23rd St Long Island City NY
American Fluoresit Co 4011 Red Bank Rd Cincinnati 27 Ohio
Anti-Hydro Waterproofing Co 265 Badger Ave Newark 8 NJ
Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
Bonafide Mills Inc 295 Fifth Ave New York NY
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill
COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH
Concor Co 4550 Main St Kansas City Mo
Coopers Creek Chemical Corp River Rd W Conshohocken Pa
Dad & Lad Co New Lenox Ill
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FLINTKOTE CO 38 ROCKEFELLER PLAZA NEW YORK 20 NY

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GREATER CHOICE



Builders, Architects and Home Buyers now have the choice of:

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- A red or buff color brick effect chimney that looks like real brick.
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CONDENSATION

ENGINEERING CORPORATION
3511 W. POTOMAC AVE., CHICAGO 51, ILL.



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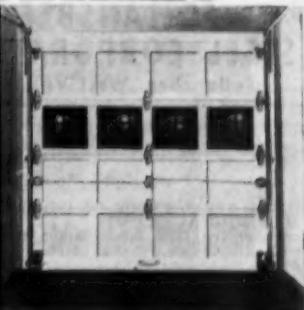
for basements and living area walls.
Available on rental.

BIERSACH & NIEDERMEYER CO.

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WAGNER

**"GLIDEOVER"
GARAGE
DOORS
and
Electric
OPERATORS**



Model 53—Built with "Tension" springs, in 34 stock sizes from 8' x 6'6" to 16' x 7'; 4 or 5 sections; panels solid or open as per specifications.

Model 54—Built with "Torsion" springs, in 34 stock sizes from 8' x 6'6" to 16' x 7'; 4 or 5 sections; panels solid or open as per specifications. Special sizes up to 24' x 24' for all residential, commercial or industrial needs.

Custom Built Doors—with raised, ornamental or flush sections produced according to individual specifications.

"Automatic Doorman"—Wagner's magic electric operator furnished for all makes of sectional overhead and most one-piece doors.

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Haynes Prods Co 4007 Farnam St Omaha 3
Neb
Horn (A C) Co Inc Tenth St & 44th Long
Island City 1 NY
JOHNS-MANVILLE CORP 22 EAST 40TH ST
NEW YORK 16 NY
Kedmont Mfg Co 330 E Dearborn Chicago 4
Ill
MIRACLE ADHESIVES CORP 214 E 53RD
ST NEW YORK 22 NY
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Ohio
Pabco Prods Inc 475 Brannan St San Fran-
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PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE BLVD PITTSBURGH 22 PA
Pyramid Co 433 Maple Ave Downers Grove Ill
Rauette Mfg Co 1917 S Broadway St Louis 4
Mo
Reardon Co 7501 Page Ave St Louis 14 Mo
Reilly Tar & Chemical Corp Merchants Bank
Bldg Indianapolis 4 Ind
Rubber & Plastics Compound Co 30 Rocke-
teller Plaza New York 20 NY
Sonnborn & Sons Bldg Prods Div 404 Fourth
Ave New York 16 NY
Spray-O Bond Co 2225 N Humboldt Milwaukee
12 Wis
Sullivan Co The 212 E Trigg Memphis Tenn
Super Concrete Emulsions 1372 E 15th Los
Angeles 21 Calif
Toch Bros 2600 Richmond Ter Staten Island
NY
Trucon Laboratories Div Devco Reynolds Co
Caniff at Grand Trunk Detroit 11 Mich
Tufete Co Inc 552 Teacourt Bldg Des Moines
9 Iowa
Tuffalt Inc 137 Hausman St Pittsburgh 10 Pa
Vita-Var Corp 10 Commerce Ct Newark NJ
Weatherguard Service Inc 664 Jackson Ave
New York 25 NY
Wilbur & Williams Co 120 Lincoln St Boston
35 Mass
Wisconsin Face Brick & Supply Co 4485 N
Green Bay Milwaukee Wis

▶ DECKS, ROOF, METAL

REPUBLIC STEEL CORP BERGER DIV
1928 BELDEN AVE NE CANTON 3 OHIO
CECO STEEL PRODUCTS CORP 5601 W
26TH ST CHICAGO 50 ILL
FOLLANSBEE STEEL CORP 140 STANWIX
ST PITTSBURGH 22 PA

In valley tin or roofing tin,
the name is Follansbee Terne.
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STEEL CORPORATION**
Follansbee, West Virginia

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Cincinnati Ohio
Great Lakes Steel Corp Stran-Steel Div
Ecorse 29 Mich
INLAND STEEL PRODS CO 4111 W BURN-
HAM MILWAUKEE WIS
Macomber Inc 1925 Tenth Canton Ohio
Mahon (R C) Co PO Box 4666 Detroit 34
Mich
Plasteel Prods Corp 15 Macadam Ave Wash-
ington Pa
Republic Steel Corp Republic Bldg Cleveland 1
Ohio
Smith & Kanzler Co East Linden Ave Lin-
den NJ
Soule Steel Co 1750 Army St San Francisco
24 Calif
Stran-Steel Div Great Lakes Steel Corp
Ecorse 29 Mich
TRUSCON STEEL DIV REPUBLIC STEEL
1850 ALBERT ST YOUNGSTOWN 1 OHIO
UNITED STATES GYPSUM CO 300 W
ADAMS ST CHICAGO 6 ILL
Wheeling Corrugating Co 1134 Market St
Wheeling W Va

▶ DECKS, ROOF, PRECAST, GYPSUM SLAB

Carter-Waters Corp 2440 Pennway Kansas City
4 Mo
CELOTEX CORP 120 S LAMALLE ST CHI-
CAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LAN-
CASTER AV ARDMORE PA
NATIONAL GYPSUM CO 325 DELAWARE
AVE BUFFALO 2 NY
Tectum Corp 105 E Sixth Newark Ohio
UNITED STATES GYPSUM CO 300 W
ADAMS ST CHICAGO 6 ILL

▶ DERRICKS

American Hoist and Derrick Co 63 S Robert St
St Paul 1 Minn
Clyde Iron Works Inc 29th Ave & W Michigan
Duluth 1 Minn
Dobbie Foundry & Machine Co 150 Portage Rd
Niagara Falls NY
Downs Crane & Hoist Co 540 W Vernon Ave
Los Angeles 37 Cal
Lane Mfg Co Montpelier Vt
Sasgen Derrick Co 3101 West Grand Av Chi-
cago 22 Ill

▶ DEVICES, MARKING

Elison Tool Co 6944 Pillsbury Ave Minne-
apolis Minn
Ideal Industries Inc 1335 Park Ave Sycamore
Ill
Ryerson (Joseph T) & Son 2558 W 16th St
Chicago 80 Ill

▶ DEVICES, WIRING

Bryant Electric Co 1421 State St Bridgeport 2
Conn
Eagle Electric Mfg Co 23-10 Bridge Plaza
Long Island City NY
Hubbell (Harvey) Inc State & Boatwick Bridge-
port 5 Conn
Ideal Industries Inc 1335 Park Ave Sycamore
Ill
MOSLEY ELECTRONICS INC 8622 ST
CHARLES ROCK RD ST LOUIS 14 MO
NATIONAL ELECTRIC PRODS CORP 2
GATEWAY CENTER PITTSBURGH 22 PA
Porcelain Prods Inc 422 W Sandusky St Find-
lay Ohio
Sherman (H B) Mfg Co 22 Barney St Battle
Creek Mich
Sierra Electric & Mfg Co 544 E 31st Los
Angeles Calif

▶ DIFFUSERS, AIR

Air Devices Inc 185 Madison Ave New York 16
NY
Anemostat Corp of America 10 East 39th St
New York 16 NY
Badger Corrugating Co 1801 West Ave S
La Crosse Wis
Carrier Corp 302 S Geddes St Syracuse 1 NY
Connor Engineering Corp Shelter Rock Lane
Danbury Conn
Hart & Cooley Mfg Co 590 E 8th St Holland
Mich
Air Control Prods Inc Glade St at Larch
Coopersville Mich
Lima Register Co 651 N Baxter St Lima Ohio
Olson (C A) Mfg Co Filbert St Elyria Ohio
Pyle-National Co 1334 N Kostner Chicago 31
Ill
TUTTLE AND BAILEY INC 1706 CORBIN
AVE NEW BRITAIN CONN
United States Register Co 344 E Burnham St
Battle Creek Mich

▶ DINING NOOKS

Dine-A-Nook Sales Co 624 S Michigan Av
Chicago 6 Ill

▶ DISCS, ABRASIVE

Abrasive Prods Inc 100 Pearl St So Braintree
Mass
Aberdeen and Co Inc Sioux City 2 Iowa
AMERICAN FLOOR SURFACING MACHINE
CO 515 S ST CLAIR ST TOLEDO 3 OHIO
Bay State Abrasive Prods Co Union St West-
boro Mass
Behr-Manning Corp Div Norton Co 1360
Howe St Troy NY
Broadway Rubber Mfg Co 529 E Broadway
Louisville 2 Ky
Carborundum Co Buffalo Ave Niagara Falls
NY
Clarke Sanding Machine Co 30 E Clay Ave
Muskegon Mich
Clover Mfg Co 333 Main St Norwalk Conn
Mid-West Abrasive Co 510 W Washington S
Owosso Mich
Norton Co 1 New Bond St Worcester 6 Mass
Rhodes (James H) & Co 157 W Hubbard St
Chicago 10 Ill
Sandpaper Inc 83 E Water St Rockland Mass

▶ DISHWASHERS

AMERICAN KITCHENS DIV AVCO MFG
CORP 18TH AND COLUMBIA CONNERS-
VILLE IND

Apex Electrical Mfg Co 1920 E 152nd St
Cleveland 10 Ohio
Crane Co 836 S Michigan Chicago 5 Ill
Cribben & Sexton Co 700 N Sacramento Chi-
cago 12 Ill
CROSLBY DIV AVCO MFG CORP 1329
ARLINGTON ST CINCINNATI 25 O
Dishmaid Inc 5900 Rhelid Ave Cleveland 3 Ohio
GENERAL ELECTRIC CO APPLIANCE
PARK LOUISVILLE 1 KY
Hobart Mfg Co 711 Pennsylvania Troy Ohio
HOTPOINT CO 5600 W TAYLOR ST CHI-
CAGO 44 ILL
Jackson Prods Co 3703 E 93rd St Cleveland 5
Ohio
James Incorporated Independence Kans
Kimco Industries 12123 Woodbine Detroit Mich
MULLINS MFG CORP UNIVERSITY ST
WARREN OHIO
Ravenna Metal Products Co 6518 Ravenna
Seattle Wash
Universal Major Elect Appliance Box 119
Lima Ohio
WESTINGHOUSE ELECTRIC CORP ELEC-
TRIC APPLIANCE DIV 246 EAST 4TH
ST MANSFIELD OHIO

▶ DITCHERS

SHAWNEE MFG CO 1947 N TOPEKA AVE
TOPEKA KAN



**SHAWNEE
MODEL 62
DITCHER**
Operating arc 145°.
Digs 7 1/2 ft. Reach
10 ft. Loads 6 1/2 ft.
For fast low-cost dig-
ging.

SHAWNEE MANUFACTURING CO., INC.
1947 J J Topeka Ave., Topeka, Kansas



SHAWNEE SCOUT DITCHER

Digs 12 1/2 ft. deep. Operates in
a 160° arc, reaches 14 feet.
Bucket hoists 8 feet to load into
dump trucks. A money-making
tool!

Shawnee Manufacturing Co., Inc.
1947 J J Topeka Ave., Topeka, Kansas

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Ohio
BALTZ (R N) AND CO 1009 HARVARD
TER EVANSTON ILL
CHAMBERLIN CO OF AMERICA 1254 LA-
BROSSE ST DETROIT 26 MICH
Decorite Inc 2116 Peachtree St Atlanta Ga
Dennis (W J) & Co 4444 Irving Park Rd
Chicago 41 Ill
Dorbin Metal Strip Mfg Co 2410 So Cicero Ave
Chicago 50 Ill
Lloyd Mfg Co 666 N Lake Shore Chicago Ill
MACKLANBURG-DUNCAN CO 4041 N SAN-
TA FE OKLAHOMA CITY OKLA
MASTER METAL STRIP SERVICE INC
1728 N KILBOURN AV CHICAGO 29 ILL
Monarch Metal Weatherstrip Co 6333 Etzel
Ave St Louis 14 Mo
National Guard Prods Inc 540 Jackson Ave
Memphis 7 Tenn
National Metal Prods Co 1001 Ridge Av Pitts-
burgh 33 Pa
Sentry Stop-A-Draft 29 N Wacker Dr Chicago 6
Ill
Spanjers (A J) Co 6800 N Liliac Dr Minne-
apolis Minn
N B Spurgeon Co 29 N Wacker Dr Chicago 6
Ill
Thermal Co 45 W Durham St Philadelphia 19
Pa
Waterloo Sales Co Cleveland 19 Ohio

▶ DOOR OPERATORS

AMER HARDWARE CORP CORBIN (P&E)
DIV 192 WASHINGTON ST NEW BRITAIN
CONN
AMER HARDWARE CORP RUSSELL &
ERWIN DIV 192 WASHINGTON NEW
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BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO

Better-Bilt Door Co 950 Harbor Rd Egg Harbor City NJ

Bommer Spring Hinge Co Inc Landrum SC
CALDER MFG CO 630 N PRINCE ST LANCASTER 12 PA

Casement Hardware Co 612 N Michigan Ave Chicago 11 Ill

CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN

Crane (H W) Co 15 No 9th Ave Maywood Ill
Getty (H S) & Co Inc 3348 N 10th St Philadelphia 40 Pa

Hardware Prods Inc 806-812 126th St Reading Pa

Harris Inc 200 E Long St Columbus Ohio
INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS

Kaptur (Joseph J) & Co 121st & 90th Sts Palos Park Ill

KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO

LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS

Newell Mfg Co Lowell Mich

Norton Door Closer Co 100 Tudor Rd Berrien Springs Mich

RAYNOR MFG CO EAST RIVER RD DIXON ILL

Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind

RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL

RUSSELL & ERWIN DIV AMERICAN HARDWARE CO 102 WASHINGTON NEW BRITAIN CONN

SCHLAGE LOCK CO 2201 BAY SHORE BLVD SAN FRANCISCO 19 CALIF

Segal Lock & Hardware Co Inc 395 Broadway New York 7 NY

Shelby Spring Hinge Co Shelby Ohio

Stanley Works The Door Control Div 195 Lake St New Britain Conn

STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL

WAGNER MFG COMPANY 1ST & WASHINGTON CEDAR FALLS IOWA

Wright Prods Inc St Paul Park Minn

Yale & Towne Mfg Co Henry St Stamford Conn

▶ DOOR OPERATORS, AUTOMATIC

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CALDER MFG CO 630 N PRINCE ST LANCASTER 12 PA

Capitol Prods Co 118 S Third St Springfield Ill

Clark Door Co Inc 515 Hunterdon St Newark 8 NJ

Cornell Iron Works Inc 36th Ave & 13th St Long Island City 6 NY

Garrett Mfg Co Pompton Plains NJ

GENERAL DOOR MFG CO PO BOX 40 WEST BEND WIS

Ideal Brass Works Inc 250 East Fifth St St Paul 1 Minn

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MCKEE DOOR CO 110 HANKES AURORA ILL

OVERHEAD DOOR CORP PRR & KICKAPOO ST HARTFORD CITY IND

PITTSBURGH PLATE GLASS CO 632 FORT DUQUENNE BLVD PITTSBURGH 22 PA

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see full page ad this issue on doors, door operators and controls

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Harris Inc 200 E Long St Columbus Ohio

HEATLATOR INC 461 E BRIGTON AVE SYRACUSE 5 NY

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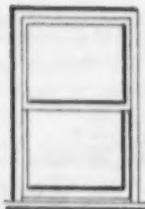
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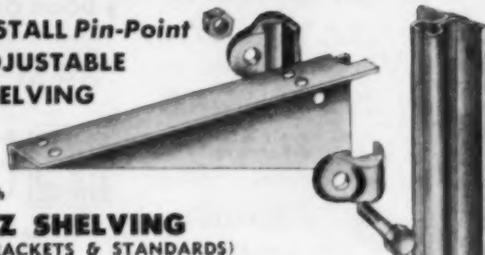
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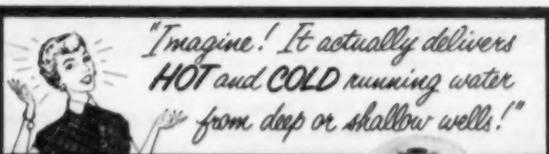
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**DONLEY BROS CO 13910 MILES AVE
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Midwest Jobbers Inc 3300-08 S Racine Chicago 8 Ill
Morgan Co 520 Oregon St Oshkosh Wis
Morgan Sash and Door Co 2287 Blue Island Chicago 8 Ill
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
National Screen Co Inc Madison Ave Extended Suffolk Va
National Screen Door Co PO Box No. 1887 Montgomery 3 Ala
Northern Sash & Door Co Hawkins Wis
Northwest Door Co P O Box 1477 Tacoma 1 Wash
Phenix Mfg Co 4129 N Port Washington Milwaukee 12 Wis
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Prentice (F W) and Co 430 N Dean St Adrian Mich
Quigley (J R) Co Gloucester City NJ
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American Metal Works Inc 4401 Bienville St New Orleans La
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Cornell Iron Works Inc 36th Ave & 13th St Long Island 6 NY
Diebold Inc 818 Mulberry Rd SE Canton 2 Ohio
Fox Bros Mfg Co 2717 Sidney St St Louis 4 Mo
Harris Preble Fire Doors Inc 4608 W 20th St Chicago 50 Ill
International Fireproof Door Co 76 Lexington Ave Brooklyn 5 NY
International Steel Co 1321 Edgar St Evansville 7 Ind
KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO
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National Galsheim Co Inc 420 Lexington Ave Brooklyn 21 NY
RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL
Richmond Fireproof Door Co Box 97 Friends Sta Richmond Ind
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
St Louis Fire Door Co 400 Withers Ave St Louis 7 Mo
Syracuse Fire Door Corp 990 Canal St Syracuse 3 NY
U S Mengel Plywoods Inc P O Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
UNITED STEEL FABRICATORS INC 333 GASCHÉ ST WOOSTER OHIO
Virginia Metal Prods Inc Dept A 44 Orange Va
Wagner Iron Works 1905 S 1st St Milwaukee 1 Wis
Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
Williamsburg Steel Prods Co 92 Quay St Brooklyn 22 NY
Willis Steel Corp Box 149 Galeburg Ill
Wilson (J G) Corp 372 Lexington Ave New York 17 NY

▶ DOORS, FIR

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill

ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
Buffleg Mfg Co Box 1595 Tacoma 1 Wash
Burke Millwork Co Fremont Bridge Seattle 3 Wash
Cruver Sales Co P O Box 1102 Tacoma Wash
Diamond Match Co Chico Calif
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
Grege & Son Inc 21-31 Blandin Ave Framingham Mass
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
LONG-BELL LUMBER CO 926-S GRAND AVE KANSAS CITY 6 MO
M and M Woodworking Co 2301 N Columbia Bl Portland 1 Ore
Mask Seattle Lumber Co 3935 University Seattle 5 Wash
Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
Monarch Door and Mfg Co Tacoma Wash
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
Northwest Door Co P O Box 1477 Tacoma 1 Wash
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Robinson Plywood & Timber Co P O Box 994 Everett Wash
Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
Simpson Logging Co White Bldg Seattle 1 Wash
U S Mengel Plywoods Inc P O Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
Washington Door Co Tacoma Wash
Western Door & Plywood Corp 1835 N W 17th St Portland 4 Ore

▶ DOORS, FIRE

▶ DOORS, FLEXIBLE & FOLDING

AMERICAN BAMBOO CORP 171-94-96 JAMAICA JAMAICA 32 NY
Breneman-Hartshorn Inc 2045 Reading Rd Cincinnati 2 Ohio
Closures Inc 533 E Forest Ave Detroit 1 Mich
CONSOLIDATED GENERAL PRODS INC P O BOX 7425 HOUSTON TEXAS
Consolidated Venetian Blind Co 2401 Nicholson St Houston 8 Texas
Curtison Co 2227 Sawtelle Blvd W Los Angeles Calif
De Jong Inc 34-23 36th St Long Island City 1 NY
Extendoor Inc 1823 Commerce St Muskegon Mich
Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla

HOLCOMB & HOKE MFG CO INC 1545 VAN BUREN INDIANAPOLIS 7 IND
HOUGH SHADE CORP 1293 S JACKSON ST JAMESVILLE WIS
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
NEW CASTLE PRODS CO BOX 353 NEW CASTLE IND
NOVA SALES CO TRENTON 3 NJ
RICHARDS-WILCOX MFG CO 229 THIRD STREET AURORA ILL
ROLSCREEN CO PELLA IOWA
 Spokane Sash & Door Co P O Box Spokane Wash
TRUCON STEEL DIV REPUBLIC STEEL CORP 1859 ALBERT ST YOUNGSTOWN 1 OHIO
 Warren Shade Co Inc 2907 E Hennepin Ave Minneapolis Minn
 Warren Venetian Blind Co 2907 E Hennepin Ave Minneapolis Minn
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
 Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich

▶ DOORS, FLUSH, WOOD

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Angel Novelty Co 340 Broad St Fitchburg Mass
 Anson and Gilkey Co Merrill Wis
ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
 Brand Plywoods Inc 214 Wabek Bldg Birmingham Mich
 Buffelen Mfg Co Box 1595 Tacoma 1 Wash
 Carnahan Mfg Co Logansport Ind
CARR ADAMS & COLLIER CO 11TH AND JACKSON DUBUQUE IOWA
 Commander Door Inc Maple Ave & B & O RR Holmes Pa
 Craftwood Prods 94 Stevenson St Belleville NJ
 Cruver Sales Co P O Box 1102 Tacoma Wash
CURTIS COS INC 1290 SO SECOND AVE CLINTON IOWA
 Curtis Cos American Plywood Div New London Wis
 Davis Plywood Corp 12555 Berea Rd Cleveland 11 Ohio
 Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash
 Farley & Loetscher Mfg Co Dubuque Iowa
 Flush Door Div Culler Furniture Co 789 Union Commerce Bldg Cleveland 14 Ohio
 Future Prods Inc P O Box 66 Sta A St Petersburg Fla
GENERAL PLYWOOD CORP 3131 W MARKET LOUISVILLE 12 KY
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
 Goshen Sash & Door Co East Purl Goshen Ind
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
 Hardwood Prods Corp P O Box 191 Neenah Wis
HASKELITE MFG CORP 701 ANN STREET N W GRAND RAPIDS MICH
 Hurd Millwork Corp Medford Wis
 Huttig Mfg Co Muscatine Iowa
 Hyde-Murphy Co Murphy Bldg Ridgway Pa
 Ipik Plywood Company Kenner La
 Kennedy (J G) Lumber Co Seattle 1 Wash
 Koehnton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Letraco Building Prods 8 Broadway New York 4 NY
LONG-BELL LUMBER CO 926-B GRAND AVE KANSAS CITY 6 MO
 Lutze (Wm R) Co 729 Clinton St Hoboken NJ
 M and M Woodworking Co 2391 N Columbia Blvd Portland 17 Ore
 M and S Inc 15 E Third St Cincinnati 2 Ohio
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
MENDEL CO 4TH AND COLORADO LOUISVILLE 1 KY
 Michigan Door Co 330 Franklin St SW Grand Rapids Mich
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
 Minnesota Wood Specialties Inc St Paul Park Minn
 Mohawk Flush Doors Inc 3383 Hammond Ave Elkhart Ind
 Morgan Co 529 Oregon St Oshkosh Wis
MORGAN-WIGHTMAN SUPPLY CO 1541 BALZMAN ST LOUIS MO
 National Plywoods Inc 2716 Throop St Chicago Ill
 Northwest Door Co P O Box 1477 Tacoma 1 Wash
 Pacific Forest Sales Corp 1103 N Riverside Medford Ore
 Pacific Mfg Co 2610 The Alameda Santa Clara Calif
PAINE LUMBER CO LTD 13 WEST ALGOMA OSHKOSH WIS
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Plywood & Door Sales Corp Sugar Creek Ohio
 Quigley (J R) Co Gloucester City NJ

Robinson Plywood & Timber Co P O Box 904 Everett Wash
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
 Rose (D M) & Co Rose Pl Knoxville 4 Tenn
 Segetke & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Silcrest Co The 100 Thomas St Wausau Wis
 Simpson Logging Co White Bldg Seattle 1 Wash
THOMASON PLYWOOD CORP P O BOX 352 FAYETTEVILLE NC
 Underwood Veneer Co P O Box 510 Wausau Wis
 U S Menzel Plywoods Inc P O Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 43 W 44TH ST NEW YORK 36 NY
 U S Sliding Door Corp 25-16 12th St Long Island City NY
 Walled Lake Door Co Walled Lake Mich
 Weisberg-Haer Co 4-05 26th Ave Long Island City 2 NY
 Western Door & Plywood Corp 1835 N W 17th St Portland 4 Ore
 Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich
 Young Wood Prods Co P O Box 166 Novi Mich

▶ DOORS, GARAGE, METAL

BARBER-COLMAN CO 120 MILL ST ROCKFORD ILL
 Burt Mfg Co 44 E South St Akron 11 Ohio
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
FRANTZ MFG CO 391 W 3RD ST STERLING ILL
 Glide-Away Div Stamping Prods & Mfg Co 6500 Mack Ave Detroit 7 Mich
 Hollister Coil Spring Mfg Co Avalon & Florence Los Angeles Calif
 International Steel Co 1321 Edgar St Evansville 7 Ind
KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO
MORRISON STEEL PRODS INC 601 AMHERST ST BUFFALO 7 N Y
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA
STANLEY WORKS NEW BRITAIN CONN
 Steel Door Corp 359 S Jessie St Pontiac Mich
STODDARD MFG CO 617 FOURTH ST 8 W MASON CITY IOWA
STRAND GARAGE DOOR DIV DETROIT STEEL PRODS CO 2245 E GRAND BLVD DETROIT 11 MICH
 Taylor Made Garage Doors 12430 Evergreen Rd Detroit 28 Mich
 Tilt-A-Door Corp 3890 East Outer Dr Detroit Mich
 Wel-Bilt Vulcan Co Box 95 Memphis Tenn

▶ DOORS, GARAGE, WOOD

Badger Corrugating Co 1801 West Ave S La Crosse Wis
BARBER-COLMAN CO 120 MILL ST ROCKFORD ILL



Barcol.
OVERdoors

see full page ad this issue on doors, door operators and contra's

Buffelen Mfg Co Box 1595 Tacoma 1 Wash
 Burke Millwork Co Fremont Bridge Seattle 3 Wash
CALDER MFG CO 630 N PRINCE ST LANCASTER 12 PA
 Capitol Prods Co 118 S Third St Springfield Ill
CARR ADAMS AND COLLIER CO 11TH AND JACKSON DUBUQUE IOWA
 Commander Door Inc Maple Ave & B&O RR Holmes Pa
CRAWFORD DOOR CO 20263 HOOVER ROAD DETROIT 5 MICH
 Cruver Sales Co P O Box 1102 Tacoma Wash
CURTIS COMPANIES INC 1290 SO SECOND AVE CLINTON IOWA
 Farley & Loetscher Mfg Co Dubuque Iowa
FRANTZ MFG CO 391 W 3RD ST STERLING ILL
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
 Goshen Sash & Door Co East Purl Goshen Ind

HEATFORM

The Superior Heat Circulating Fireplace Unit

Most Efficient and Durable of All



Model "A" for conventional fireplaces.

HEATFORM air chambers capture and circulate heat otherwise lost up the chimney, completely heating room and warming adjoining rooms.

HEATFORM adds but little to the cost of the finished fireplace. It saves some materials and labor required for the old-fashioned fireplace.



Model "B" for modern corner fireplaces, with view of fire from front and either side. Model "M" also available with front and two sides open.

IDENTIFY YOUR PROFESSION OR TRADE

Write today for information about the most complete line of heat circulating fireplace units and form dampers for conventional and modern fireplaces.

SUPERIOR FIREPLACE COMPANY

Dept. AB-552
 681 North Point Rd.
 Baltimore 6, Md.

Dept. AB-552
 1700 E. 15th St.
 Los Angeles 21, Calif.

GRAHAM INDUSTRIES INC 6901 CARNEGIE CLEVELAND 3 OHIO

Hall Enterprises Casco Wis
Hurd Millwork Corp Medford Wis
Ideal Co 24th & Mary Sts Waco Texas
Kaiser Metal Prods Co Bristol Pa
KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
LONG-BELL LUMBER CO 926-B GRAND AVE KANSAS CITY 6 MO
M and M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
Marquart Millwork Co 50 Ceape St Oshkosh Wis
Mauk Seattle Lumber Co 3955 University Seattle 5 Wash
MCKEE DOOR CO 116 HANKES AURORA ILL
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
Northwest Door Co P O Box 1477 Tacoma 1 Wash
OVERHEAD DOOR CORP PRR & KICKAPOO ST HARTFORD CITY IND
RAYNOR MFG CO EAST RIVER RD DIXON ILL
Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL
Roach & Musser Co Muscatine Iowa
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
Rose (D M) & Co Rose Pl Knoxville 4 Tenn
Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
SHEFFIELD DOORS INC ROCKFORD ILL
Silerest Co The 100 Thomas St Wausau Wis
Simpson Logging Co White Bldg Seattle 1 Wash
STANLEY WORKS NEW BRITAIN CONN
Stanley Works Garage Hardware Div New Britain Conn
Starline Inc 300 W Front St Harvard Ill

▶ DOORS, GARAGE, UPWARD ACTING, METAL

BARBER-COLMAN CO 120 MILL ST ROCKFORD ILL
Hotter-Bilt Door Co 950 Harbor Rd Egg Harbor City N J
Burt Mfg Co 44 E South St Akron 11 Ohio
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
Gilde-Away Door Div Stamping Prods & Mfg Co 6500 Mack Ave Detroit 7 Mich
HUCK & GERHARDT G & LUZERNE STS PHILADELPHIA 24 PA
KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO
MORRISON STEEL PRODS INC 601 AMHERST ST BUFFALO 7 N Y
STANLEY WORKS NEW BRITAIN CONN
Steel Door Corp 359 B Jessie St Pontiac Mich
STRAND DOOR DIV DETROIT STEEL PRODS CO 2245 E GRAND BLVD DETROIT 11 MICH
Wilson (J G) Corp 372 Lexington Ave New York 17 N Y

▶ DOORS, GARAGE, UPWARD ACTING, WOOD

BARBER-COLMAN CO 120 MILL ST ROCKFORD ILL
Buffelen Mfg Co Box 1595 Tacoma 1 Wash
Burke Millwork Co Fremont Bridge Seattle 3 Wash
CALDER MFG CO 630 N PRINCE ST LANCASTER 12 PA
Capitol Prods Co 118 S Third St Springfield Ill
CARR ADAMS AND COLLIER CO 11TH AND JACKSON DUBUQUE IOWA
Clark Door Co Inc 815 Hunterdon St Newark 8 N J
Commander Door Inc Maple Ave & B&O RR Holmes Pa
CRAWFORD DOOR CO 20245 HOOVER ROAD DETROIT 5 MICH
Cruzer Sales Co P O Box 1102 Tacoma Wash
CURTIS COS INC 1200 SO SECOND AVE CLINTON IOWA
Davis Plywood Corp 12555 Berea Road Cleveland 11 Ohio
Ebsential Prods Corp 1120 N Madison St Little Chute Wis
Farley & Loetscher Mfg Co Dubuque Iowa
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
GENERAL DOOR MFG CO P O BOX 60 WEST BEND WIS
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
Goshen Sash & Door Co East Purl Goshen Ind

GRAHAM INDUSTRIES INC 6901 CARNEGIE CLEVELAND 3 OHIO

Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Hall Enterprises Casco Wis
HOWELL MFG CO COTTMAN & HARBROOK PHILADELPHIA 11 PA
KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
LONG-BELL LUMBER CO 926-B GRAND AVE KANSAS CITY 6 MO
M and M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
Marquart Millwork Co 50 Ceape St Oshkosh Wis
MCKEE DOOR CO 116 HANKES AURORA ILL
Morgan Overhead Door Co 1018-24 Hodiament St Loula Mo
Northwest Door Co PO Box 1477 Tacoma 1 Wash
OVERHEAD DOOR CORP PRR & KICKAPOO ST HARTFORD CITY IND
Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
Phenix Mfg Co 4129 N Port Washington Rd Milwaukee 12 Wis
Quincy Mfg Co Tiffin Ohio
RAYNOR MFG CO EAST RIVER RD DIXON ILL

RAYNOR*Builders of a Complete Line of WOOD SECTIONAL OVERHEAD DOORS**See Our Full Page Ad in This Issue*

RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL
Roach & Musser Co Muscatine Iowa
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
ROWE MFG CO 614 W THIRD ST GALESBURG ILL
SHEFFIELD DOORS INC ROCKFORD ILL
Silerest Co The 100 Thomas St Wausau Wis
Simpson Logging Co White Bldg Seattle 1 Wash
STANLEY WORKS NEW BRITAIN CONN
Stanley Works Garage Hardware Div New Britain Conn
Starline Inc 300 W Front St Harvard Ill
United Prods Co Overhead Door Div 900 N 43rd St Milwaukee 8 Wis
WAGNER MFG COMPANY 1ST & WASHINGTON CEDAR FALLS IOWA
Washington Door Co Tacoma Wash
Wel-Bilt Vulcan Co Box 95 Memphis Tenn

▶ DOORS, GLASS

AMERICAN SHOWER DOOR CO INC 1028 N LABREA AVE LOS ANGELES 38 CALIF
Angel Novelty Co 340 Broad St Fitchburg Mass
Arcadian Metal Prods 324 N Second Ave Arcadia Calif
Bache (Semon) and Co 636 Greenwich St New York 14 NY
Belknap Glass Co 1090 Valley Seattle 1 Wash
Blue Ridge Glass Corp Kingsport Tenn
Crane Fullview Glass Door Co 4616 N Clifton Ave Chicago 40 Ill
Fulton Glass Co Box 348 Hartford City Ind
Hagemann Cos Inc 2145 Central Pkwy Cincinnati 14 Ohio
Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
LIBBEY-OWENS-FORD GLASS CO 608 MADISON AVE TOLEDO 3 OHIO
LUDMAN CORP 14100 BISCAYNE BLVD N MIAMI FLA
Malibu Mfg Corp 8438 Melrose Ave Los Angeles 48 Calif
Marquart Millwork Co 50 Ceape St Oshkosh Wis
National Mirror Works 1925 Kishwaukee St Rockford Ill
Northwest Door Co PO Box 1477 Tacoma 1 Wash
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
Safetee Glass Co 4717 Stenton Ave Philadelphia 44 Pa
Schacht Associates Inc 1175 E 156th St New York 59 NY
Shower Door Co of America 1301 Chattahoochee Atlanta Ga
Slide-View Steel Door & Window Co 521 N La Cienega Blvd Los Angeles 48 Calif
Standard Building Prods Co 621 McDonald Ave Brooklyn 1 N Y
SUN VALLEY SLIDING DOOR CO 3354 SAN FERNANDO RD SUN VALLEY CALIF

▶ DOORS, HARDWOOD

Aetna Plywood Veneer Co 1731 N Elaton Ave Chicago 22 Ill
American Sash and Door Co 16th & Bellefontaine Kansas City 1 Mo
Angel Novelty Co 340 Broad St Fitchburg Mass
ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
Braund-Harmon Co Wabec Bldg Birmingham Mich
Buffelen Mfg Co Box 1595 Tacoma 1 Wash
Carnahan Mfg Co Logootee Ind
Cruzer Sales Co PO Box 1102 Tacoma Wash
CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA
Curtis Cos American Plywood Div New London Wis
Davis Plywood Corp 12555 Berea Rd Cleveland 11 Ohio
Dyke Brothers 309 Center Little Rock Ark
Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash
Farley & Loetscher Mfg Co Dubuque Iowa
GENERAL PLYWOOD CORP 3131 W MARKET LOUISVILLE 12 KY
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
Goshen Sash & Door Co East Purl Goshen Ind
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Hurd Millwork Corp Medford Wis
Huttig Mfg Co Muscatine Iowa
Hyde-Murphy Co Murphy Bldg Ridgway Pa
Iplik Plywood Co Kenner La
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
Letraco Building Prods 8 Broadway New York 4 NY
M and M Woodworking Co 2301 N Columbia Bl Portland 17 Ore
M and S Inc 15 E Third St Cincinnati 2 Ohio
Marquart Millwork Co 50 Ceape St Oshkosh Wis
MENDEL CO 4TH AND COLORADO LOUISVILLE 1 KY
Michigan Door Co 230 Franklin St SW Grand Rapids Mich
Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
Morgan Co 520 Oregon St Oshkosh Wis
Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
PAINE LUMBER CO LTD 73 WEST ALGOMA OSHKOSH WIS
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Plytex Corp 1731 Elaton Ave Chicago 22 Ill
Quigley (J R) Co Gloucester City NJ
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
Rose (D M) & Co Rose Pl Knoxville 4 Tenn
Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
Silerest Co The 100 Thomas St Wausau Wis
THOMASON PLYWOOD CORP PO BOX 352 FAYETTEVILLE NC
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
Walled Lake Door Co Walled Lake Mich
Western Door & Plywood Corp 1835 NW 17th St Portland 4 Ore
Wisconsin Door Co 10101 Lyndon Ave Detroit 28 Mich

▶ DOORS, JALOUSIE

Air Vue Prods Corp 3649 NW 50th St Miami Fla
LUDMAN CORP 14100 BISCAYNE BLVD N MIAMI FLA
Royal Jalousie Co 1036 E 24th St Hialeah Fla

▶ DOORS, LAUNDRY CHUTE

Allen Steel Prods Inc 2041 E Ten Mile Rd Hazel Park Mich
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
Corpo Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO
Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich
Ideal Cabinet Corp 5131 Dempster St Skokie Ill
Ideal Cabinet Corp Div Des Lauriers Column Mould Co 7732 Joy Road Detroit 4 Mich
Kluengel & Co 169 W Kellogg St Paul 2 Minn
Air Control Prods Inc Glade St at Larch Coopersville Mich
Marquart Millwork Co 50 Ceape St Oshkosh Wis

▶ DOORS, LOUVRE, WOOD

Anson and Gilkey Co Merrill Wis
Buffelen Mfg Co Box 1595 Tacoma 1 Wash

HOPTO

DIGGER · TRENCHER · SHOVEL · CRANE

Does 101 jobs
in half the time...
at half the cost...
with lower equipment
investment!



MODEL
120 TM-54

MOUNTS
ON ANY 1½ TON
OR LARGER TRUCK

Here's profit-making utility in a versatile, low cost unit! HOPTO mounts on any 1½ ton or larger truck... one already charged off to depreciation! HOPTO gives you a mobile unit for handling bulk materials, pulling forms, spotting trusses and steel, excavating for footings and foundations! HOPTO does hundreds of jobs! Cuts labor costs in half or less!

COMPLETELY HYDRAULIC... EASY TO OPERATE

An average unskilled laborer can easily master the simple handling of a HOPTO in a few hours. Four valve control levers give HOPTO a 200° swing, 11-foot digging depth, 14-foot lift (24-ft. with crane boom), and control the dipper stick extension to permit vertical, straight-sided digging.



UNEXCELLED UTILITY

Unloading construction materials is but one of the hundreds of jobs that a crane-boom equipped HOPTO does more safely, in a fraction of the time! Crane boom, grapple hook, shovel buckets and back hoes in a variety of sizes and types equip the HOPTO for your kind of work. Units are easily interchangeable. Choice of power units, or HOPTO may be equipped to operate from the power take-off of the truck on which it is mounted.

Check THESE PROFIT-MAKING FEATURES

- ✓ No cables or chains to get out of order or be a hazard to safety.
- ✓ Easily interchanged units quickly adapt it for hundreds of uses.
- ✓ Digs 60' of 6' deep trench per hour in average soils.
- ✓ Highly transportable. Boom carried close-in as shown above.
- ✓ Long, high, deep reach and 200° swing give large working area.
- ✓ Equips you to handle more jobs PROFITABLY at lower equipment investment.

In addition to the truck-mounted unit illustrated, HOPTO is available as a trailer unit, self-powered or power take-off operated, as unit for crawler tractor mounting, or as a complete self-powered, self-propelled track unit. Badger also manufactures a full line of Badger Trrenchers.

WRITE TODAY for complete information on the unit that best fits your requirements.

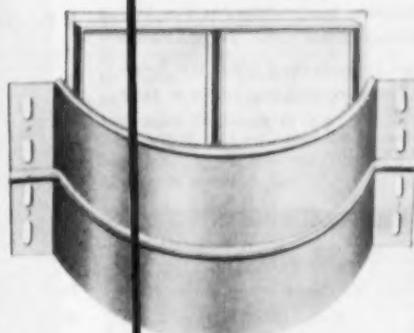
BADGER MACHINE CO.

WINONA, MINNESOTA

DEPT. 23

FEATURE
OF THE
MONTH

FOUNDATION PRODUCTS



WINDOWS

- Made from ½-inch steel stock
- Electrically welded for strength
- Fitted at factory to assure tight closure
- Two-position stops... open from top
- Standard sizes for putty or no-putty glazing

AREA WALLS

- 16-gauge copper-bearing galvanized steel
- Ribbed for strength... minimum exposure to frost action
- Spans are 38" and project 16"
- Five standard heights available

For over sixty years Donley has manufactured metal building products to make fine homes better.

Some other Donley Foundation Products: • area gratings • cleanout doors • coal chutes • basement columns • thresholds • foundation waterproofing • wall plate anchors • foundation ventilators • joist anchors

Write for full information today.



THE **Donley** BROTHERS COMPANY
13910 Miles Avenue • Cleveland 5, Ohio
6171-DB

CARR ADAMS & COLLIER CO 11TH AND JACKSON DUBUQUE IOWA
 Clearview Louver Window Co 2625 Elm St Dallas 1 Texas
CURTIS COB INC 1200 80 SECOND AVE CLINTON IOWA
 Denison Corp 1890 N E 146th St North Miami 6 Fla
 Farley & Loetscher Mfg Co Dubuque Iowa
 Goshen Sash & Door Co East Purl Goshen Ind
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
 Heinleys Movable Shutters 1620 Euclid Santa Monica Calif
 Hurd Millwork Corp Medford Wis
 Hyde-Murphy Co Murphy Bldg Ridgeway Pa
 Ideal Co 24th & Mary Sts Waco Texas
 Kaufmann Corp 17210 Gable St Detroit 12 Mich
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Morgan Co 520 Oregon St Oshkosh Wis
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
 National Screen Door Co P O Box #1887 Montgomery 3 Ala
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Tartan Industries Inc 230 Fifth Ave New York NY
 Union Machine Co 708 Colfax Ave Kenilworth NJ
 U S Mengel Plywoods Inc P O Box 1612 Louisville 1 Ky
WARE LABORATORIES INC 3700 N W 25TH ST MIAMI FLA
 Wel-Bilt Prods Co Box 95 Memphis 1 Tenn
 Western Door & Plywood Corp 1835 N W 17th St Portland 4 Ore

▶ DOORS, METAL

Adams Co The P O Box 268 Dubuque Iowa
 Aetna Steel Prods Corp 730 Fifth Ave New York 19 NY
 American Art Metals Co 433 Bishop St N W Atlanta Ga
 American Metal Works Inc 4401 Bienville St New Orleans La
AMERICAN WELDING AND MFG CO 190 DIETZ RD WARREN OHIO
BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO
 Belknap Glass Co 1000 Valley Seattle 1 Wash
BILCO CO P O BOX 1203 WEST HAVEN 5 CONN
 Rogers and Carough Co Washington Ave Paterson NJ
 Brasco Mfg Co 152nd & Commercial Harvey Ill
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 36 ILL
 Cornell Iron Works Inc 36th Ave & 13th St Long Island City 6 NY
 Croft Steel Prods Inc 10 Market St Jamestown NY
 Cupples Prods Corp 2650 S Hanley Rd St Louis 17 Mo
 Davis & Siehl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio
 Demsey & Associates 8931 Carnegie Cleveland 6 Ohio
DETROIT STEEL PRODS CO 2250 E GRAND BLDG DETROIT 11 MICH
 Diebold Inc 818 Mulberry Rd SE Canton 2 Ohio
 Federal Windows Inc P O Box 60 Waukesha Ill
 Harris Preble Fire Doors Inc 4608 W 20th St Chicago 50 Ill
HOPES WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY
 International Fireproof Door Co 76 Lexington Ave Brooklyn 5 NY
 International Steel Co 1321 Edgar St Evansville 7 Ind
KAWNEER CO 1105 N FRONT ST NILES MICH
KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO
 Marmet Corp P O Box 208 Wausau Wis
 Martin-Parry Corp 1455 W Alexis Rd Toledo Ohio
 Menker Bros 6th Poplar & 7th St Louis 2 Mo
 Milwaukee Stamping Co 800 S 72nd St Milwaukee 14 Wis
 Mosler Safe Co 320 Fifth Ave New York 1 NY
 Natcor Store Fronts 15 Fourth St Taunton Mass
NATIONAL ALUMINUM CO COLUMBUS OHIO
 Newman Brothers Inc 660-70 West 4th St Cincinnati 3 Ohio
RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL
 Richmond Fireproof Door Co Box 97 Friends Sta Richmond Ind
 Rigidized Metals Corp 658 Ohio St Buffalo 3 NY
RUBBELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
 St. Louis Fire Door Co 400 Withers Ave St Louis 7 Mo
 Smith (F P) Wire & Iron Works Inc 2340 N Clybourn Chicago 14, Ill
 Soule Steel Co 1750 Army St San Francisco 24 Calif

STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
 Stewart Iron Works Inc P O Box 1039 Cincinnati 1 Ohio
 Tenn Fabricating Co 1490 Grimes St Memphis Tenn
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO
 Trusblt Div Siems Bro Inc 2575 Como Ave St Paul 5 Minn
 Tyra (R K) Co Highway 61 Tyra Minn
UNITED STEEL FABRICATORS INC 233 GASCHER ST WOOSTER OHIO
 Virginia Metal Prods Inc Dept A 44 Orange Va
 Vulcan Metal Prods 2801 6th Ave S Birmingham Ala
 Wagner Iron Works 1905 S 1st St Milwaukee 1 Wis
 Weather-Proof Co 1409 East 40 St Cleveland 3 Ohio
 Williamsburg Steel Doors Co 92 Quay St Brooklyn 22 NY
 Wilson (J G) Corp 372 Lexington Ave New York 17 NY

▶ DOORS, PLYWOOD

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Angel Novelty Co 340 Broad St Fitchburg Mass
ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
 Braund Plywoods Inc 214 Wabek Bldg Birmingham Mich
 Buffen Mfg Co Box 1595 Tacoma 1 Wash
 Clear Plr Sales Co P O Box 188 Springfield Ore
CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS
 Cruver Sales Co P O Box 1102 Tacoma Wash
CURTIS COB INC 1200 80 SECOND AVE CLINTON IOWA
 Curtia Cos Inc American Plywood Div New London Wis
 Davis Plywood Corp 12555 Berea Rd Cleveland 11 Ohio
 Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash
GENERAL PLYWOOD CORP 3131 W MARKET LOUISVILLE 12 KY
 Hamptonite Door Mfg Co Varnville SC
 Hurd Millwork Corp Medford Wis
 Huttig Mfg Co Muscatine Iowa
 Ipik Plywood Co Kenner La
 Koehnton Plywood & Veneer Co Inc 509 W Roosevelt Rd Chicago 7 Ill
 M and M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
MENGEL CO 4TH AND COLORADO LOUISVILLE 1 KY
 Midwest Jobbers Inc 3300-08 S Racine Chicago 8 Ill
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 National Plywoods Inc 2710 Throop St Chicago Ill
 North Robbins Plywood Inc 400 Boren Ave N Seattle 9 Wash
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Quigley (J R) Co Gloucester City NJ
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
 Simpson Logging Co White Bldg Seattle 1 Wash
 U S Mengel Plywoods Inc P O Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich

▶ DOORS, PONDEROSA PINE

Anson and Gilkey Co Merrill Wis
CARR ADAMS & COLLIER CO 11TH AND JACKSON DUBUQUE IOWA
 Cole Mfg Co PO Box 2657 Memphis 2 Tenn
CURTIS COB INC 1200 80 SECOND AVE CLINTON IOWA
 Farley & Loetscher Mfg Co Dubuque Iowa
 Goshen Sash & Door Co East Purl Goshen Ind
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
 Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
 Hurd Millwork Corp Medford Wis
 Huttig Mfg Co Muscatine Iowa
 Ideal Co 24th & Mary Sts Waco Texas
 Koehnton Plywood & Veneer Co Inc 509 W Roosevelt Rd Chicago 7 Ill
LONG-BELL LUMBER CO 926-9 GRAND AVE KANSAS CITY 6 MO
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash

Midwest Jobbers Inc 3300-08 S Racine Chicago 8 Ill
 Morgan Co 520 Oregon St Oshkosh Wis
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
 Northern Sash & Door Co Hawkins Wis
 Roberson (A) & Son Inc PO Box 111 Binghamton NY
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Silercot Co The 100 Thomas St Wausau Wis
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
WABASH SCREEN DOOR CO 310 S MICHIGAN AVE CHICAGO 4 ILL

▶ DOORS, PREFIT

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Buffen Manufacturing Co Box 1595 Tacoma 1 Wash
 Burke Millwork Co Fremont Bridge Seattle 3 Wash
 Cruver Sales Co PO Box 1102 Tacoma Wash
 Farley & Loetscher Mfg Co Dubuque Iowa
 Hurd Millwork Corp Medford Wis
 Lutze (Wm R) Co 729 Clinton St Hoboken NJ
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Minnesota Wood Specialties Inc St Paul Park Minn
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
PAINE LUMBER CO LTD 73 WEST ALGOMA OSHKOSH WIS
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Silercot Co The 100 Thomas St Wausau Wis
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
WADSWORTH INC 2949 CHRYSLER RD KANSAS CITY KAN

▶ DOORS, REVOLVING

GENERAL BRONZE CORP STEWART AVE GARDEN CITY L I NY
 International Steel Co 1321 Edgar St Evansville 7 Ind
 Revolvador International 420 Market St San Francisco Calif

▶ DOORS, SCREEN, ALUMINUM

ALUMATIC CORP OF AMERICA 2901 S 56TH ST MILWAUKEE 14 WIS
 Kane Mfg Corp PO Box 641 Kane Pa

▶ DOORS, SCREEN, WOOD FRAME

American Sash and Door Co 16th & Bellefontaine Kansas City 1 Mo
 Angel Novelty Co 340 Broad St Fitchburg Mass
 Burke Millwork Co Fremont Bridge Seattle 3 Wash
CARR ADAMS & COLLIER CO 11TH AND JACKSON DUBUQUE IOWA
 Cole Mfg Co PO Box 2657 Memphis 2 Tenn
CONTINENTAL SCREEN CO 1323 BOOK BLDG DETROIT 26 MICH
 Crown Shade & Screen Co 44 Loehdale Rd Boston Mass
 Cruver Sales Co PO Box 1102 Tacoma Wash
CURTIS COB INC 1200 80 SECOND AVE CLINTON IOWA
 Detjen Corp Electrocutting Fly Screen Div Skidmore Rd Pleasant Valley NY
 Farley & Loetscher Mfg Co Dubuque Iowa
 Fordyce-Crosssett Lumber Co Fordyce Ark
 Goshen Sash & Door Co East Purl Goshen Ind
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
 Hollister Coil Spring Mfg Co Avalon & Florence Los Angeles Calif
 Hurd Millwork Corp Medford Wis
 Huttig Mfg Co Muscatine Iowa
 Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
 Keystone Wire Cloth Co Factory St Hanover Pa
 Kinross Pine Mills Co Kinross Ore
LONG-BELL LUMBER CO 926-9 GRAND AVE KANSAS CITY 6 MO
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Morgan Sash and Door Co 2287 Blue Island Ave Chicago 8 Ill
 National Screen Co Inc Madison Ave Extension Suffolk Va
 National Screen Door Co PO Box 1887 Montgomery 3 Ala
 North Robbins Plywood Inc 400 Boren Ave N Seattle 9 Wash
 Northern Sash & Door Co Hawkins Wis
 Northwest Door Co PO Box 1477 Tacoma 1 Wash

Get your work done faster with these Jaeger machines



Pours 60 yds. a day with 6S Jaeger . . . and so can you—Colorado contractor averaged a batch every $1\frac{3}{4}$ minutes with Jaeger 6S Mixer and 7 man crew (3 loading, 3 wheeling, 1 operating mixer). You, too, can pour better concrete, faster, with a Jaeger. Seconds saved at both ends of every mixing cycle add up to more batches per day. Famous "Skip Shaker" loader speeds the batch into the drum in 5 to 7 seconds. Batch discharge is just as fast because bigger bucket and flight blades carry more

concrete to discharge spoon. Famous criss-cross double mixing action guarantees high-strength, uniform quality concrete. No risk of down-time, either. Jaeger mixers roll on chilled Timken bearing rollers and tracks of high carbon steel machined true on the drum, with heavy-duty automotive transmissions and bigger engines that have power to spare for years of reliable service. Sizes 6S, 11S and 16S. Also $3\frac{1}{2}$ S Tilter and non-tilt Auto-Loader with automatic shaking batch hopper.



Up to 25% more air, to do faster work—On any job where air is used, the 15% to 25% higher "new standard" ratings of Jaeger Air-Plus Compressors insure the full air pressure required to operate tools at top efficiency. And they produce the additional air at moderate temperatures, with notably low fuel consumption and upkeep cost. The Jaeger 125 is the most efficient general purpose compressor, engineered to produce full 125 cfm at 100 psi without racing, overheating or vibration. The Model 75 has the capacity to do hundreds of small jobs at lower cost, including jobs which 60 ft. compressors cannot do. Others to 600 ft.

See your Jaeger distributor, or write for data.



Save hours of placing time—Jaeger Self-Raising "Hoister" Tower places materials faster, safer, for less. Goes to job on truck or transporter. Readily assembles on the ground. 17-hp hoist raises it to 37 ft. Extensions to 67 ft. can easily be added. Hoists 1-ton loads. Material platform interchangeable with $\frac{1}{2}$ -yd. concrete bucket. Positive automatic safety device.



Add profits to masonry contracts—With its bigger capacity drum and multi-blade pugmill mixing action, a Jaeger "Power Hoe" supplies a better mixed, easier spreading mortar that saves labor and material. Jaeger's leak-proof seal protects the Timken bearing drum shaft. Bigger engines. Automotive transmission. $3\frac{1}{2}$ and $6\frac{1}{2}$ ft. sizes.



Small pumps with big capacities—60 lb. $1\frac{1}{2}$ " "Bantam" pumps 5100 gph. Can be carried in one hand. Powered by $1\frac{1}{2}$ -hp gasoline engine or electric motor. New hi-performance 2" pump delivers 10,000 gph, yet weighs only 160 lbs. on base, 190 lbs. on pneumatic tires. Both pumps sure-prime automatically. Others to 10" size.

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521 Dublin Avenue, Columbus 16, Ohio

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Pacific Mfg Co 2610 The Alameda Santa Clara Calif
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Phenix Mfg Co 4129 N Port Washington Rd Milwaukee 12 Wis
 Prentice (F W) and Co 430 N Dean St Adrian Mich
 Roach & Musser Co Muscatine Iowa
 Robinson Plywood & Timber Co PO Box 904 Everett Wash
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Schumacher (F E) Co 200 Mill St Hartsville O
 Segethe & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Semling-Menke Co 8 Nast St Merrill Wis
 Seneca Lumber & Millwork Co 636-701 W Tiffin Fosteria Ohio
 Silbert Co The 100 Thomas St Wausau Wis
 Simpson Logging Co White Bldg Seattle 1 Wash
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
WABASH SCREEN DOOR CO 310 S MICHIGAN AVE CHICAGO 4 ILL
 White Pine Sash Co E 4005 Broadway Spokane Wash
 Wincolite Mfg Co The 725 N Central Ave Baltimore 2 Md

▶ DOORS, SHOWER

AMERICAN SHOWER DOOR CO INC 1028 N LA BREA AVE LOS ANGELES 38 CALIF
 Beco Corp 3035 Canton St Dallas Tex
BINSWANGER AND CO 207 N MAIN ST HOUSTON 1 TEX
 California Shower Door Co 3738 E Colorado Pasadena 8 Calif
 Downey Shower Door Co 8246 East Plix Downey Calif
FIAT METAL MFG CO 9301 W BELMONT AVE FRANKLIN PARK ILL
 Glass Shower Door Co Inc 105 W Wacker Chicago Ill
 Harvey Machine Co Inc 19200 S Western Torrance Calif
 Ketcham Mfg Corp 70-70-80th St Brooklyn 27 NY
 Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa
LUDMAN CORP 14100 BISCAYNE BLVD N MIAMI FLA
 Milwaukee Stamping Co 800 S 72nd St Milwaukee 14 Wis
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
NATIONAL ALUMINUM CO COLUMBUS O
 National Metal-Art Mfg Co 1900-8th Ave Brooklyn 15 NY
 National Mirror Works 1925 Kishwaukee St Rockford Ill
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
RESOLITE CORP ZELIENPOLE PA
 Ripolite Plastics Prods Inc 3910 Cohasset St Burbank Calif
 Shower Door Co of America 1301 Chattahoochee Atlanta Ga
SHOWER ENCLOSURES INC 1227 W DEVON AVE CHICAGO 40 ILL
 Standard Steel Cabinet Co 3701 N Milwaukee Chicago 41 Ill
STYLON COMPANY 649 LEXINGTON AVE CLIFTON NJ

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 Windsor Shower Door Co 4532 San Fernando Glendale 4 Calif

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Adams Co The PO Box 268 Dubuque Iowa
HILCO CO PO BOX 1293 WEST HAVEN 5 CONN
 Branch Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO
 Fries & Son Steel Construction & Engineering Co Covington Ky
 Loxan Co 201 Cabell St Louisville 6 Ky
METAL CRAFTERS E AVE AT 18TH ST CEDAR RAPIDS IOWA

▶ DOORS, SLIDING, RESIDENTIAL

A B C Steel Equipment Co 211 E 22nd St New York NY

A B C Steel Equipment Co 17th and First Ave Tampa 5 Fla
 Accurate Metal Weatherstrip Co 216 E 26th St New York 10 NY
 Adams Engineering Co PO Box 936 Miami 38 Fla
 Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Aetna Steel Prods Corp 730 Fifth Ave New York 19 NY
 Alwintite Div Gen Bronze Corp Garden City NY
AMERICAN SCREEN PRODS CO 807 N W 36TH ST MIAMI FLA
 American Steel Door Co 6445 E Hildale Detroit 34 Mich
AMERICAN WELDING AND MFG CO 190 DIETZ RD WARREN OHIO
 Arcadia Metal Prods 324 N Second Ave Arcadia Calif
BUILDERS MFG CO 1514 BROWN-MARX BLDG BIRMINGHAM ALA
CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO
 Cole Mfg Co PO Box 2657 Memphis 2 Tenn
 Craftwood Prods 94 Stevenson St Belleville NJ
 Cruser Sales Co PO Box 1102 Tacoma Wash
CURTIS COS INC 1200 80 SECOND AVE CLINTON IOWA
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
 Dorfo Mfg Co 1904 First Ave Hibbing Minn
 Exiner (Alexander) Co Merchandise Mart Plaza Chicago 54 Ill
EZ-WAY SALES INC BOX 300 ST PAUL PARK MINN
 Farley & Loetacher Mfg Co Dubuque Iowa
 Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla
 R H Folmar Co 205 E Riverside Dr Austin Texas
 Glide Windows Inc 7463 Varna Ave N Hollywood Calif
HASKELITE MFG CORP 701 ANN STREET NW GRAND RAPIDS MICH
 Hurd Millwork Corp Medford Wis
 Ideal Co 24th & Mary Sts Waco Texas
 Inik Plywood Co Kenner La
 M and M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
 Malibou Mfg Corp 8438 Melrose Ave Los Angeles 48 Cal
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
MILLER (FRANK B) MFG CO 3216 VAL-HALLA DR BURBANK CALIF



Milo Prods Co Grantham Pa
 Minnesota Wood Specialties Inc St Paul Park Minn
 Morgan Co 520 Oregon St Oshkosh Wis
 National Door Co 163 Avenue A Bayonne NJ
NORDAHL CO 180 W ALAMEDA AVE BURBANK CALIF
 Nudor Mfg Corp 7326 Fulton Ave N Hollywood Cal
ONE-DER FRAME CORP 1232 N 37TH PL BIRMINGHAM 3 ALA
 Orchard Mfg Co Easton Pa
PANAVIEW 13434 RAYMER ST N HOLLYWOOD CAL
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
 Slide Master Glass Door & Window Co 9015 Wilshire Blvd Beverly Hills Cal
 Slide-View Steel Door & Window Co 521 N La Ciemeza Blvd Los Angeles 48 Cal
SOUTHERN STATES IRON ROOFING CO STILES AVE SAVANNAH GA
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
SUN VALLEY SLIDING DOOR CO 8354 SAN FERNANDO SUN VALLEY CALIF
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1650 ALBERT ST YOUNGSTOWN 1 OHIO
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 U S Sliding Door Corp 25-16 12th St Long Island NY
UNITED STEEL FABRICATORS INC 333 GARCHE ST WOOSTER OHIO
 Virginia Metal Prods Inc Dept A 44 Orange Va
 Vista Sliding Doors Inc 7952 Laurel Canyon Blvd N Hollywood Calif
 Walker (T V) & Sons Inc PO Box 547 Burbank Calif
 Wel-Bilt Prods Co Box 95 Memphis 1 Tenn

Wel-Bilt Vulcan Co Box 95 Memphis Tenn
 Western Door & Plywood Corp 1835 NW 17th St Portland 4 Ore
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
WOODALL INDUSTRIES INC 3500 OAKTON AVE SKOKIE ILL

▶ DOORS, SOFTWOOD

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 American Sash and Door Co 16th Bellefontaine Kansas City 1 Mo
 Angel Novelty Co 340 Broad St Fitchburg Mass
 Cole Mfg Co PO Box 2657 Memphis 2 Tenn
 Cruser Sales Co PO Box 1102 Tacoma Wash
CURTIS COS INC 1200 80 SECOND AVE CLINTON IOWA
 Dyke Brothers 309 Center Little Rock Ark
 Farley & Loetacher Mfg Co Dubuque Iowa
 Goshen Sash & Door Co East Purl Goshen Ind
 Hurd Millwork Corp Medford Wis
 Huttig Mfg Co Muscatine Iowa
 Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
 Hyde-Murphy Co Murphy Bldg Ridgway Pa
 Kochton Plywood & Veneer Co Inc 599 W Roosevelt Rd Chicago 7 Ill
LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO
 M and M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Mack Seattle Lumber Co 3935 University Seattle 5 Wash
 Morgan Co 520 Oregon St Oshkosh Wis
 Northern Sash & Door Co Hawkins Wis
 Northwest Door Co PO Box 1477 Tacoma 1 Wash
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Quincy Adams Colonial Doors 118 Maple St Manchester NH
 Roach & Musser Co Muscatine Iowa
 Robinson Plywood & Timber Co PO Box 904 Everett Wash
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Segethe & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Silbert Co The 100 Thomas St Wausau Wis
 Simpson Logging Co White Bldg Seattle 1 Wash
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
WABASH SCREEN DOOR CO 310 S MICHIGAN AVE CHICAGO 4 ILL

▶ DOORS, ROLLING, STEEL

Cornell Iron Works Inc 36th Ave & 13th St Long Island City 6 NY
KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO
 Lawrence Steel Co 5746 Venice Blvd Los Angeles 19 Cal
 Mahon (R C) Co PO Box 4666 Detroit 34 Mich
 Michel & Pfeiffer Iron Works Inc 212 Shaw Road San Francisco Calif
 Steelbilt Inc 1801 S Figueroa Gardena Calif
 Wagner Iron Wks 1905 S 1st St Milwaukee 1 Wis
 Wilson (J G) Corp 372 Lexington Ave New York 17 NY

▶ DOORS, ROLLING, WOOD

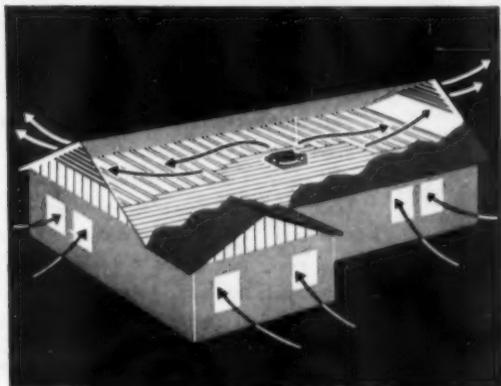
Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
CALDER MFG CO 630 N PRINCE ST LANCASTER 12 PA
 Capitol Prods Co 118 S Third St Springfield Ill
 Cornell Iron Works Inc 36th Ave & 13th St Long Island City 6 NY
GRAHAM INDUSTRIES INC 6901 CARNEGIE CLEVELAND 3 OHIO
KINNEAR MFG CO 7TH & FIELDS AVE COLUMBUS 16 OHIO
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Wilson (J G) Corp 372 Lexington Ave New York 17 NY

▶ DOORS, STORM, WOOD & METAL

Ashen Inc 260 S Forge Box 270 Akron 8 Ohio
 Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
 Angel Novelty Co 340 Broad St Fitchburg Mass
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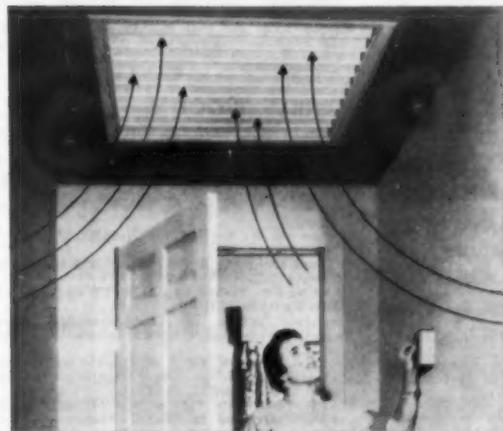
Cool breezes in every room

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Hunter's new automatic shutter

This modern ceiling shutter opens or closes automatically at the flip of a switch, or with automatic timer. Finished in neutral shade of baked enamel, it blends with all room colors. Shutter will fit narrow hallways, and is easily installed.

HUNTER

Package

ATTIC FAN

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 Farley & Loetscher Mfg Co Dubuque Iowa
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
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 Northwest Door Co PO Box 1477 Tacoma 1 Wash
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 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
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 Silbert Co The 199 Thomas St Wausau Wis
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
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 Window Conditioning Co 32 Brown St Barberton Ohio
 Winsulte Mfg Co The 725 N Central Ave Baltimore 2 Md

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 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 American Foundry and Mfg Co 1015 Herbert St St Louis 7 Mo
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
 Clow (James B) & Sons 201-299 N Talman Chicago 80 Ill
 Dobbie Foundry & Machine Co 150 Portage Rd Niagara Falls NY
DOWLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO
 Harris Inc 290 E Long St Columbus Ohio
 Heinz (Wm V) 935 Hennepin St La Salle Ill
 Hoffman Specialty Co 1001 York St Indianapolis 7 Ind
 Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill
 Industrial Iron Works PO Box 4625 Portland 2 Ore
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
 Loudon Machinery Co 1120 Broadway Fairfield Iowa
MAJESTIC CO HALL ST HUNTINGTON IND
 Syracuse Alloy Metals Corp 511 N State St Syracuse 1 NY
 Vestal Mfg Co PO Box 152 Sweetwater Tenn
 Western Foundry Co 2490 SW Water Ave Portland 1 Ore
 Wilmington Casting Co 258 Charles St Wilmington Ohio
 Zurn (J A) Mfg Co Erie Pa

► DRAINS, ROOF

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 Barrett Div Allied Chemical and Dye Corp 40 Rector St New York 6 NY
 Hoffman Specialty Co 1001 York St Indianapolis 7 Ind
 Industrial Iron Works PO Box 4625 Portland 2 Ore
 National Lead Co 111 Broadway New York 6 NY
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 Zurn (J A) Mfg Co Erie Pa

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CALDER MFG CO 630 N PRINCE ST LANCASTER 12 PA
 Carboly Dept General Electric Co 11177 E Eight Mile Rd Detroit 32 Mich

Collmer Bros 420 S Saint Joseph St South Bend 1 Ind
 Hanchett Mfg Co 906 N State St Big Rapids Mich
 E Karelsen Inc 125 W 45th St New York 36 NY
 Norton Co 1 New Bond St Worcester 6 Mass

► DRILL PRESSES

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BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 4 OHIO
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 Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 Ill
 Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa
 Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
 Shopmaster Inc 1214 Third St S Minneapolis Minn
 Toolkraft Corp Plainfield St Springfield 1 Mass
 Walker-Turner Div Kearney & Trecker Corp 639 South Ave Plainfield NJ

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Ackerman-Johnson Co 625 W Jackson Chicago 6 Ill
 Arro Expansion Bolt Co 1430 N Boone Ave Marion Ohio
 Baltimore Tool Works 1110 Race St Baltimore 30 Md
BLACK AND DECKER MFG CO 600 E PENNSYLVANIA TOWSON 4 MD
 Brush Nail Expansion Bolt Co Greenwich Conn
 Carboly Dept General Electric Co 11177 E Eight Mile Rd Detroit 32 Mich
 Chicago Expansion Bolt Co 1338 W Concord Pl Chicago 22 Ill
 Chicago Pneumatic Tool Co Six E 44th St New York 17 NY
 Cincinnati Tool Co 1946 Waverly Ave Cincinnati 12 Ohio
 Cleveland Twist Drill Co 1242 E 49 Cleveland 14 Ohio
 Damascus Steel Prods Corp 2199 W Kishwaukee Rockford Ill
 Diamond Expansion Bolt Co Inc 500 North Ave Garwood NJ
 Gardner-Denver Co Gardner & First Ave Quincy Ill
 Hayden Twist Drill Co 8626 Lyndon Ave Detroit 33 Mich
 Holub Industries Inc 413 De Kalb Ave Sycamore Ill
 Hood Bros 4336 Orchard St Philadelphia 24 Pa
 Kennametal Inc Lloyd Ave Latrobe Pa
 Krauter & Co Inc 581-18th Ave Newark NJ
MALL TOOL CO 7740 S SOUTH CHICAGO AVE CHICAGO 19 ILL
 Mephisto Tool Co Inc Box 16 Hudson NY
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
 New England Carbide Tool Co Inc Auburn & Brookline Cambridge 39 Mass
 Original Enderas Co Guttenburg Iowa
 Palme Co 7 Westgate Rd Addison Ill
 Proto Tool Co 2209 Santa Fe Ave Los Angeles 84 Calif
 Rainey Tools RD #4 Slippery Rock Pa
 Rawlup Co Inc Industrial Div 271 Church St New York NY
RED DEVIL TOOLS 130 COIT ST IRVINGTON NJ
 Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn
STAR EXPANSION BOLT CO 147-149 CEDAR ST NEW YORK 6 NY
 Super Tool Co 21650 Hoover Rd Detroit 13 Mich
SYNTRON CO 618 LEXINGTON AVE HOMER CITY PA
 Tilden Tool Mfg Co 209 Los Molinos San Clemente Calif
 U S Expansion Bolt Co State St and PRR York Pa
 Vulcan Tool Mfg Co 41 Liberty St Quincy 69 Mass
 Warwood Tool Co 1943 Dye St Wheeling W Va
 Wodack Electric Tool Corp 4627 W Huron St Chicago 44 Ill

► DRILLS, ELECTRIC, PORTABLE

Albertson and Co Inc Sioux City 2 Iowa
BLACK AND DECKER MFG CO 600 E PENNSYLVANIA TOWSON 4 MD
 Bradford Machine Tool Co 657-671 Evans St Cincinnati 4 Ohio
 Chicago Pneumatic Tool Co Six E 44th St New York 17 NY
 Cincinnati Electric Tool Co Madison and Edward Cincinnati 8 Ohio
 Cincinnati Tool Co 1946 Waverly Ave Cincinnati 12 Ohio
 Cummins Portable Tools 5055 N Lydell Ave Milwaukee 17 Wis

Denver Floor & Safety Supply Co 3801 High St Denver Colo
 Dremel Mfg Co 2409 18th St Racine Wis
 Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 Ingersoll-Rand Inc 11 Broadway New York 4 NY
 International Twist Drill Corp 618 Wyandotte St Kansas City 5 Mo
 Kett Tool Co 5 E Third St Cincinnati 2 Ohio
 Louisville Electric Mfg Co 3008 Magazine St Louisville Ky
MALL TOOL CO 7740 S SOUTH CHICAGO AVE CHICAGO 19 ILL
 Miller Falls Co Wells and Devon Greenfield Mass
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
 Pioneer Gen-E-Motor Corp 5841 W Dickens Chicago 39 Ill
 Portable Electric Tools Inc 320 W 83rd St Chicago 29 Ill
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
 Power Tool Div Doremeyer Co Kingsbury & Huron Chicago 10 Ill
 RCS Tool Sales Corp Box 1434 Joliet Ill
 Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
 Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
SKIL CORP 5033 ELSTON AVE CHICAGO 30 ILL
 Speedway Mfg Co 1834 S 52nd Ave Cicero 50 Ill
 N B Spurgeon Co 29 N Wacker Dr Chicago 6 Ill
 Stanley Electric Tools 400 Myrtle St New Britain Conn
SYNTRON CO 618 LEXINGTON AVE HOMER CITY PA
 Thor Power Tool Co 175 N State St Aurora Ill
 Union Twist Drill Co 70 Monroe St Athol Mass
 United States Electrical Tool Div Emerson Electric Mfg Co 3640 Llewellyn St Cincinnati 23 Ohio
 Wodack Electric Tool Corp 4627 W Huron St Chicago 44 Ill

► DRILLS, RIGHT ANGLE, ELECTRIC

BLACK AND DECKER MFG CO 600 E PENNSYLVANIA TOWSON 4 MD
 Chicago Pneumatic Tool Co Six E 44th St New York 17 NY
 Kett Tool Co 5 E Third St Cincinnati 2 Ohio
 Miller Falls Co Wells and Devon Greenfield Mass
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS

► DRILLS, WELL

BUCYRUS-ERIE CO 8 MILWAUKEE WIS
 Consolidated Industries Inc Mixville Rd W Cheshire Conn
 Ka-Mo Tools Inc 1845 S 55th Ave Chicago 23 Ill

► DRILLS, WOOD

Cleveland Twist Drill Co 1242 E 49 Cleveland 14 Ohio
 Deuse (E W) Co Chester Conn
 Forest City Bit & Tool Co 1206 Kishwaukee St Rockford Ill
 Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 Garner (R D) Co Inc 106 Hospital St Providence RI
 Graham (John H) & Co Inc PO Box 1042 New York 8 NY
GREENLEE TOOL CO 2136 TWELFTH ST ROCKFORD ILL
 Greenfield Tap & Die Corp Greenfield Mass
 Hayden Twist Drill Co 8626 Lyndon Ave Detroit 33 Mich
 Kett Tool Co 5 E Third St Cincinnati 2 Ohio
 Kneisley Electric Co 2501-9 Lagrange St Toledo 3 Ohio
MALL TOOL CO 7740 S SOUTH CHICAGO AVE CHICAGO 19 ILL
 Miller Falls Co Wells and Devon Greenfield Mass
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
 Producto Tool & Star Bit Co 1149 Railroad Ave Rockford Ill
 Edw L Shibley Mfg Co Inc 222 W Main Street Bennington Vt
 Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn
 Syracuse Twist Drill Co Inc 1046 S Townsend St Syracuse 3 NY
 Thor Power Tool Co 175 N State St Aurora Ill
 Yates-American Machine Co 729 Fourth St Beloit Wis

▶ DRIVERS & FASTENERS, CARTRIDGE ACTUATED TYPE

POWDER POWER TOOL CO 7526 SW MAC-DAM PORTLAND 1 ORE
Rammet Div Olin Industries Inc 12117 Berea Rd Cleveland 11 Ohio
REMINGTON ARMS CO INC 939 BARNUM AVE BRIDGEPORT 2 CONN
Velocity Power Tool Co 201 N Braddock Ave Pittsburgh 8 Pa

▶ DRIVERS, STEEL POST

AMERICAN STEEL AND WIRE DIV U S STEEL CORP 1428 ROCKEFELLER CLEVELAND 13 OHIO
FORD TRACTOR DIV 2500 E MAPLE RD BIRMINGHAM MICH
KEYSTONE STEEL & WIRE CO 7900 S ADAMS PEORIA 7 ILL
Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill

▶ DROP CLOTHS

American Tent and Awning Co 1132 Mission St San Francisco Calif
Astrup Co 2937 W 25th St Cleveland 13 Ohio
Bemis Bros Bag Co 408 Pine St Box 7 St Louis Mo
Clifton Mfg Co 323 Pleasant St E Waco Texas
Conch Bros Mfg Co 100 E Ware Ave East Point Ga
Daniels (C R) Inc Daniels Md
Fulton Bag & Cotton Mills 170 Blvd Elsas SE Atlanta 3 Ga
Goss (J C) Co 2941 E Jefferson Detroit 7 Mich
Industrial Canvas Prods Corp 15-25 Flax St Delaware Ohio
Johnson (J W) Co 3100 W Randolph Bellwood Ill
May (D C) Co Durham NC
New York Drop Cloth Mfg Co Inc 10-57 Jackson Ave Long Island City NY
PITTSBURGH PLATE GLASS CO 632 FORT DUQUENNE BLVD PITTSBURGH 22 PA
Red Tiger Prods Inc 20 N Wacker Chicago 4 Ill
Ridgely Trimmer Co 1300 Kenton St Springfield 99 Ohio
N B Spurgeon Co 29 N Wacker Dr Chicago 6 Ill
Standard Awning Co 83 Avon St Hartford 5 Conn
Stanley (William W) Co Inc 401 Broadway New York 13 NY
United Tent and Supply Co 759 N Spring St Los Angeles Calif
Werner Canvas Prods Co 609 Bergen St Brooklyn 38 NY

▶ DRYERS, AIR

Aerovent Fan Co Inc Ash and Beacon Sts Piqua Ohio
Attagulphus Clay Co 208 W Washington Square Philadelphia 5 Pa
Calorie Stove Corp Topton Pa
Carrier Corp 302 S Geddes St Syracuse 1 NY
Dow Chemical Co 1090 Main St Midland Mich
Frigidaire Div General Motors Corp 300 Markham St Dayton 1 Ohio
General Air Conditioning Corp Cincinnati 9 O
Kelvinator Div Nash-Kelvinator Corp 14250 Plymouth Rd Detroit 32 Mich
Peirce-Phelps 437 N 5 Philadelphia 23 Pa
Puritan Sales Co Atlanta Ga
SOLVAY PROCESS DIV ALLIED CHEMICAL & DYE CORP 61 BROADWAY NEW YORK 6 NY
Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
Westinghouse Electric Corp Sturtevant Div 37 Rendville St Boston 36 Mass

▶ DRYERS, CALCIUM CHLORIDE

Dow Chemical Co 1090 Main St Midland Mich
SOLVAY PROCESS DIV ALLIED CHEMICAL & DYE CORP 61 BROADWAY NEW YORK 6 NY
Tamma Industries Inc 228 N La Salle St Chicago 1 Ill

▶ DUCTS, HEATING NON METALLIC

Cannelton Sewer Pipe Co 4th and Washington Cannelton Ind
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 NY
Kaul Clay Mfg Co Spring St Box 128 Toronto Ohio

Robinson Clay Prods Co 65 West State St Akron 9 Ohio
SONOCO PRODS CO SOUTH ST HARTSVILLE SC
Superior Clay Corp Lock Drawer 352 Uhrichville Ohio
Universal Concrete Pipe Co Inc 297 S High St Columbus 15 Ohio

▶ DUCTS, SHEET METAL

Badger Corrugating Co 1801 West Ave 8 La Crosse Wis
Berger Corp Belle Vernon Pa
Continental Steel Corp 1109 S Main St Kokomo Ind
Farwell Metal Fabricating Div Farwell Ozum Kirk & Co Fairfield & Walter St Paul 1 Minn
Gichner Inc 1900 Kendall NE Washington 2 DC
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
Keystone Mfg Co 23328 Sherwood Ave Centerline Mich
MAJESTIC CO HALL ST HUNTINGTON IND Meyer (F and B R) Co Peoria Ill
Mueller Climatrol Corp 2005 W Oklahoma St Milwaukee 15 Wis
Olsen (C A) Mfg Co Filbert St Elyria Ohio
REYNOLDS METALS CO BLDG PRODS DIV 2061 S NINTH ST LOUISVILLE 1 KY
Tyra (R K) Co Highway 61 Tyra Minn
WILLIAMSON HEATER CO 3500 MADISON RD CINCINNATI 9 OHIO

▶ DUMPS, ASH, FIREPLACE

Adams Co The PO Box 268 Dubuque Iowa
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Stratton Terastegge Co Anchor Div 300 Culbertson Ave New Albany Ind
Bennett-Ireland Inc 23 State St Norwich NY
Builders Brick Co 3800-9th Ave S Seattle 5 Wash
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
Colonial Fireplace Co 540 N Cicero Chicago 44 Ill
Copeo Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
Covers (H W) Co 339 E 48th St New York 17 NY
Davis & Siehl Co Dept Ab Box 78 Sta A Cincinnati 23 Ohio
DONLEY BROS CO 12910 MILES AVE CLEVELAND 5 OHIO
Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich
Harris Inc 200 E Long St Columbus Ohio
HEATILATOR INC 661 E BRIGHTON AVE SYRACUSE 5 NY
Industrial Iron Works PO Box 4625 Portland 2 Ore
Interstate Brick Co 3100 S 11th East Salt Lake City Utah
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
MAJESTIC CO HALL ST HUNTINGTON IND SUPERIOR FIREPLACE CO 1708 E 15TH ST LOS ANGELES 21 CAL
Sweet (A L) Iron Works 145 Glenwood Ave Medina NY
Triostat Damper Co 2115 No 34th St Seattle 3 Wash
Triostat Damper Co Trussville Ala
Vestal Mfg Co PO Box 162 Sweetwater Tenn
Western Foundry Co 2400 SW Water Ave Portland 1 Ore

▶ DYES, CEMENT

Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
Sullivan Co The 212 E Trigg Memphis Tenn
Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
Truseon Laboratories Div Devoe Reynolds Co Caniff at Grand Trunk Detroit 11 Mich

▶ EDGES, METAL ROOF

Alabama Metal Lath Co Inc 3235 Fayette Ave Birmingham 1 Ala
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Badger Corrugating Co 1801 West Ave 8 La Crosse Wis
REPUBLIC STEEL CORP BERGER DIV 1038 BELDEN AVE NE CANTON 5 OHIO
Braun (J G) Co 537 W 35th St New York 1 NY
CECO STEEL PRODS CORP 5401 W 24TH ST CHICAGO 50 ILL
Central Prods Co 57 Forest St Battle Creek Mich

Continental Steel Corp 1109 S Main St Kokomo Ind
Decorite Inc 2116 Peachtree St Atlanta Ga
Farwell Metal Fabricating Div Farwell Ozum Kirk & Co Fairfield & Walter St Paul 1 Minn
Gary-Pioneer Steel Corp Gary Ind
Illinois Zinc Co 2959 W 47th St Chicago 32 Ill
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
Klauer Mfg Co 9th & Washington Sts Dubuque Iowa
La Crosse Steel Roofing Co 227 Jay St La Crosse Wis
Newport Steel Corp 9th & Lowell Sts Newport Ky
Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
SAINT PAUL CORRUGATING CO 8 END WABASHA ST ST PAUL 1 MINN
Tennison Bros Inc 450 N Bellevue Memphis 1 Tenn
Wheeling Corrugating Co 1134 Market St Wheeling W Va

▶ EDGERS, FLOOR, SANDING

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich
Filer & Stowell Co 147 E Becher St Milwaukee 7 Wis
Florbus-Habit Co 4181 W Montrose Chicago 41 Ill
GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO
HOLT MFG CO 272 BRADDOCK AVE NEWARK 8 NJ
Holt Mfg Co 669 20th St Oakland 12 Calif
PITTSBURGH PLATE GLASS CO 632 FORT DUQUENNE BLVD PITTSBURGH 22 PA
RED DEVIL TOOLS 139 COIT ST IRVINGTON NJ
SKIL CORP 5033 ELSTON AVE CHICAGO 30 ILL
Tennant (G H) Co 2566 N Second St Minneapolis Minn

▶ ELECTRIC PUSH BUTTONS

AMERICAN HARDWARE CORP (CORBIN P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
Auth Electric Co Inc 34-20 45th St Long Island City 1 NY
CORBIN (P & F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
Eagle Electric Mfg Co 23-10 Bridge Plaza Long Island City NY
Liberty Bell Mfg Co Short St Minerva Ohio
NU-TONE INC RED BANK & MADISON CINCINNATI OHIO
Sierra Electric & Mfg Co 544 E 31st Los Angeles Calif
Skillman Hardware Co Edgewood Ave Trenton 4 NJ
Standard Bronze Co 6th St & Ave A Bayonne NJ
Trine Mfg Corp 1430 Ferris New York 61 NY
WESTINGHOUSE ELECTRIC CORP BOX 565 PITTSBURGH 30 PA

▶ ELEVATORS, HAND POWER

Barrett-Cravens Co 630 Dundee Rd Northbrook Ill
Bodinson Mfg Co 2403 Bayshore Blvd San Francisco Calif
Brady Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
Chelsea Elevator Co 549-551 W 52nd St New York 19 NY
CHELSEA FAN AND BLOWER CO INC 639 S AVENUE PLAINFIELD NJ
Lewis-Shepard Prods Inc 125 Walnut St Watertown 72 Mass
Market Forge Co 35 Garvey St Everett 49 Mass
Matot (D A) Inc 1539 W Altgeld Chicago Ill
Sedgwick Machine Works 80 Eighth Ave New York 11 NY
West Bend Equipment Corp 299 S Water St West Bend Wis
Whitney (Vincent) Co PO Box 335 Sausalito Calif

▶ ELEVATORS, RESIDENCE

Chelsea Elevator Co 549-551 W 52nd St New York 19 NY
CHELSEA FAN AND BLOWER CO INC 639 S AVENUE PLAINFIELD NJ
Energy Elevator Co 214 New St Philadelphia 6 Pa
Inclinator Co of America 2212 Paxton Blvd Harrisburg Pa
Kimball Bros Co 1921 So Ninth St Council Bluffs Iowa

GROWING IN POPULARITY. It's the new aluminum awning window by Republic's Truscon Steel Division. Extra-strong sections, single control, simultaneous ventilator operation, positive closing, and fully weatherstripped! In modular and regular sizes for every type of construction. Available from building-supply dealers, backed by Truscon's nationwide warehouse service.



How to sell the families with

It's a busy, bustling, booming market. Families that are young in years, or young in spirit, prefer to live in homes that are young at heart. And it's so easy to add this impression to your homes. Simply replace the old standbys with new products featuring new ideas.

Offer the fresh, youthful beauty of Truscon Aluminum Awning Windows. You can install them in every window opening . . . in both conventional and contemporary designs. Offer the kind of closet convenience young women want by replacing old-fashioned doors with

easy-opening Truscon Sliding Steel Closet Doors.

Take a good, long look at trim, attractive Republic Steel Kitchens. Combine their sparkling beauty with "built-ins" and accessories made of Republic ENDURO Stainless Steel. Use stainless steel, too, for roof-drainage equipment that will stay "young" for life. Republic's Berger Division makes a complete line for you.

All these Republic products can help you sell the families with "young" ideas. Ask your Republic Distributors and Dealers, or write us for more information.



MODERN CLOSETS are made so much more convenient by Truscon steel sliding doors. Complete with frame; easy to erect. No cutting, fitting, planing needed. Slide silently, effortlessly on nylon. Paint to match room decorations. For 3' 0", 4' 0", 5' 0" and 6' 0" openings. At building-supply dealers backed by Truscon's nationwide warehouse service.



REPUBLIC STEEL KITCHENS are packed with extra selling features such as the handy shallow drawers shown here. You simply use standard items from this big line to design kitchens with a "custom" look. Special cabinets for the new built-in ovens and range burners, too. Standard one-piece Formica counter tops with steel core. See Republic Steel Kitchens at the distributor display near you.

"young" ideas

REPUBLIC STEEL

*World's Widest Range
of Standard Steels and Steel Products*



STAINLESS FOR ROOF DRAINAGE? You bet. Republic's Berger Division is making a complete line. Stainless steel resists rust and corrosion, stands up to weather, never stains painted siding, and can be expected to last for the life of the house. Berger is making plain round, corrugated round, and corrugated square conductor pipe; Snaplite[®] eaves trough; "K" gutter; flashing; roll valley; plus a complete line of fittings and accessories.

REPUBLIC STEEL CORPORATION
3128 East 45th Street
Cleveland 27, Ohio



Please send me more information on

- Truscon Aluminum Awning Truscon Interior Steel Doors
 Republic Steel Kitchens Stainless Steel Roof Drainage Products

Name _____ Title _____

Firm _____

Address _____

City _____ Zone _____ State _____

R-0245

Matot (D A) Inc 1539 W Altgeld Chicago Ill
Otis Elevator Co 280 Eleventh Ave New York
1 NY
Sedgwick Machine Works 80 Eighth Ave
New York 11 NY
Shepard Elevator Co 5000 Brotherton Rd
Cincinnati 9 Ohio

► ENCLOSURES, UNIT KITCHEN, METAL FOLDING

Heinley's Movable Shutters 1620 Euclid Santa
Monica Calif
Orchard Bros Inc 63 Meadow Road Rutherford
NJ

► ENGINES, DIESEL

Allis-Chalmers Mfg Co 1126 E 70th St Mil-
waukee 1 Wis
Buda Co Div Allis-Chalmers Mfg Co 15425
Commercial Harvey Ill
Case (J I) Co 792 S State St Racine Wis
Caterpillar Tractor Co 600 W Washington
East Peoria 8 Ill
Chicago Pneumatic Tool Co Six E 44th St New
York 17 NY
Cleveland Diesel Eng Div General Motors Corp
2160 W 106th St Cleveland 11 Ohio
Columbus Engine Co Inc 3th & Wilson Sts
Columbus Ind
Fairbanks Morse & Co 600 S Michigan Ave
Chicago 5 Ill
GMC Truck & Coach Div General Motors Corp
Pontiac Mich
Griffin Wellpoint Corp 881 E 141st St New
York NY
HARNICHEFER CORP 4400 W NATIONAL
MILWAUKEE 46 WIS
Hill Diesel Engine Div 1 Washington Ave
Providence 5 RI
International Harvester Co 180 N Michigan
Ave Chicago 1 Ill
Norberg Mfg Co 3073 S Chase Ave Milwaukee
1 Wis
OLIVER CORP 400 W MADISON ST CHI-
CAGO ILL
Waukesha Motor Co 1945 Jay-Vee Drive Wau-
kesha Wis
Witte Engine Wks Div Oil-Well Supply Co
1600 Oakland Ave Kansas City 26 Mo
Worthington Corp Harrison-Worthington Har-
rison NJ
Worthington Corp 37 Appleton St Holyoke
Mass

► ENGINES, GASOLINE

Allis-Chalmers Mfg Co 1126 S 70th St Milwau-
kee 1 Wis
Briggs and Stratton Corp 2711 N 13th St
Milwaukee Wis
Buda Co Div Allis-Chalmers Mfg Co 15425
Commercial Harvey Ill
Case (J I) Co 792 S State St Racine Wis
Fairbanks Morse & Co 600 S Michigan Ave
Chicago 5 Ill
Fuller & Johnson Mfg Co Madison Wis
HOMELITE CORP 67 RIVERDALE AVE
PORT CHESTER NY
International Harvester Co 180 N Michigan
Ave Chicago 1 Ill
KOHLER CO 44 HIGH ST KOHLER WIS
MATER WOODWORKER MFG CO INC 401
411 E FORT ST DETROIT MI MICH
Novo Engine Co Ballantine St Lansing 5 Mich
OLIVER CORP 400 W MADISON ST CHI-
CAGO ILL
Pioneer Gen-E-Motor Corp 5841 W Dickens
Chicago 39 Ill
Salisbury Motors Div Wayne Mfg Co E Lex-
ington & Reservoir Pomona Calif
Universal Motor Co 517 Universal Dr Oshkosh
Wis
Waukesha Motor Co 1945 Jay-Vee Drive Wau-
kesha Wis
Willis Motors Inc 940 Cove Blvd Toledo Ohio
Witte Engine Wks Div Oil-Well Supply Co
1600 Oakland Ave Kansas City 26 Mo

► ENTRANCES, DOOR

Aetna Steel Prods Corp 730 Fifth Ave New
York 19 NY
Anderson (W E) Mfg Co 1515 E 18th St
Owensboro Ky
Brasco Mfg Co 152nd & Commercial Harvey
Ill
Burke Millwork Co Fremont Bridge Seattle
3 Wash
CARR ADAMS & COLLIER CO 11TH AND
JACKSON DUBUQUE IOWA
CURTIS CORP INC 1200 S SECOND AVE
CLINTON IOWA
Farley & Loetacher Mfg Co Dubuque Iowa
Goshen Sash & Door Co East Purl Goshen Ind
Gregg & Son Inc 21-31 Blandin Ave Framing-
ham Mass
HEATILATOR INC 661 E BRIGHTON AVE
SYRACUSE 5 NY
Huttig Mfg Co Muscatine Iowa

Ideal Co 24th & Mary Sts Waco Texas
KAWNEER COMPANY 1195 N FRONT ST
NILES MICH
Marquart Millwork Co 50 Ceape St Oshkosh
Wis
Morgan Co 529 Oregon St Oshkosh Wis
Roach & Munser Co Muscatine Iowa
Rock Island Millwork Co 2525 Fourth Ave
Rock Island Ill
Seigelke & Kohlhaus Co 600 S 2nd St La Crosse
Wis
Silcrest Co The 100 Thomas St Wausau Wis
Spokane Sash & Door Co PO Box Spokane
Wash
U S Menzel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky
Variety Mfg & Engineering Co 810 W Fulton
St Chicago 7 Ill

► ENTRANCES, STORE, METAL

Badger Wire and Iron Works Inc 2933 W
Cleveland Milwaukee 15 Wis
Belknap Glass Co 1099 Valley Seattle 1 Wash
Brasco Mfg Co 152nd & Commercial Harvey
Ill
KAWNEER CO 1195 N FRONT ST NILES
MICH
Newman Bros Inc 660-70 West 4th St Cin-
cinnati 3 Ohio
Rigidized Metals Corp 658 Ohio St Buffalo 3
NY
Variety Mfg & Engineering Co 810 W Fulton
St Chicago 7 Ill

► EQUIPMENT, BARBEQUE

Adams Co The PO Box 268 Dubuque Iowa
Bennett-Ireland Inc 23 State St Norwich NY
Davis & Siehl Co Dept AB Box 78 Sta A Cin-
cinnati 23 Ohio
DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO
GRILLCRAFT CO 477 E 7TH ST ST PAUL 1
MINN
Hancock Iron Works PO Box 13 Pontiac Mich
Imperial Knife Associated Cos Inc 1776 Broad-
way New York 19 NY
Industrial Iron Works PO Box 4625 Portland
2 Ore
MAJESTIC CO HALL ST HUNTINGTON IND
Master Metal Prods Inc Box 95 Buffalo 5 NY
Ohio Stove Co 701-11th Portsmouth Ohio
Vandy (E A) 14105 Merchandise Mart Chicago
84 Ill

► EQUIPMENT, BARN

Berg Equipment Corp Marshfield Wis
Clay Equipment Corp 23 Builder St Cedar
Falls Iowa
Coburn Mfg Co Whitewater Wis
Diehl Mfg Co 1185 Fierdenre Ave Somerville NJ
Farwell Metal Fabricating Div Farwell Ozmun
Kirk & Co Fairfield & Walter St Paul 1
Minn
Franklin Equipment Co Monticello Iowa
Gardner Mfg Co 266 Barstow St Horicon Wis
Green Mfg Co 115 Lake St Ogdensburg NY
Hudson (H D) Mfg Co 587-91 E Illinois Chi-
cago 11 Ill
Hummer Mfg Co Springfield Ill
James Mfg Co Ft Atkinson Wis
Logan Co 201 Cabel St Louisville 6 Ky
Louden Machinery Co 1120 Broadway Fairfield
Iowa
Milwaukee Hay Tool Co 2773 S 29th St Mil-
waukee 46 Wis
Neff & Fry Co 150 S Main St Camden Ohio
Olson Mfg Co 620-24 S Broadway Albert Lea
Minn
Sioux Steel Co Sioux Falls SD
Starline Inc 300 W Front St Harvard Ill
Universal Hoist and Mfg Co Cedar Falls Iowa

► EQUIPMENT, FIREPLACE

Adams Co The PO Box 268 Dubuque Iowa
Stratton Terstege Co Anchor Div 300 Cul-
bertson Ave New Albany Ind
Bennett-Ireland Inc 23 State St Norwich NY
Builders Brick Co 3800 9th Ave S Seattle 8
Wash
Builders Fireplace and Supply Co 2604 Link
Road Houston Texas
CLEVELAND STEEL SPECIALTY CO 3771
E 91ST ST CLEVELAND 5 OHIO
Colonial Fireplace Co 540 N Cicero Chicago
44 Ill
Columbia Brick Works 1320 SE Water Ave
Portland 14 Ore
Covert (H W) Co 339 E 48th St New York
17 NY
DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO
Gagnon Clay Prods Co 526 S Broadway Green
Bay Wis
HEATILATOR INC 661 E BRIGHTON AVE
SYRACUSE 5 NY
Howen (S M) Inc 387 Oliver St Fall River
Mass

Industrial Iron Works PO Box 4625 Portland
2 Ore
Interstate Brick Co 3100 S 11th East Salt Lake
City Utah
Logan Co 201 Cabel St Louisville 6 Ky
MacGuen Service 312 Savings and Trust Bldg
Butler Pa
MAJESTIC CO HALL ST HUNTINGTON IND
METAL CRAFTERS E AVE AT 18TH ST
CEDAR RAPIDS IOWA
Meyers (Fred L) Mfg Co 1176 Hoover Ave
Hamilton Ohio
Rustle Crafts Co Inc 29 Humphrey St Engle-
wood NJ
Sheffield Mfg Co 119 W 25th St New York NY
Smith (John P) Co 421 Chapel St New Haven
Conn
Special Prods Co Judd St Chattanooga 6 Tenn
SUPERIOR FIREPLACE CO 1788 E 15TH ST
LOS ANGELES 21 CALIF
Thermo Rite Mfg Co 29 Goodrich St Akron
11 Ohio
Western Foundry Co 2400 SW Water Ave
Portland 1 Ore
WICKWIRE SPENCER STEEL DIV COLO-
RADO FUEL & IRON CORP 575 MADISON
AVE NEW YORK 19 NY
Wisconsin Face Brick & Supply Co 4485 N
Green Bay Milwaukee Wis

► ESCAPES, FIRE

ARTCRAFT ORNAMENTAL IRON CO 724
E HUDSON ST COLUMBUS 11 OHIO
Badger Wire and Iron Works Inc 2933 W
Cleveland Milwaukee 15 Wis
Belson Mfg Co East River Rd N Aurora Ill
Davy Automatic Fire Escape Co Calvin Sta-
tion Box 51 Syracuse 5 NY
General Detroit Corp 110 Mt Elliot Ave
Detroit 7 Mich
Grand Rapids Wire Prods Co 501 Front Ave
Grand Rapids 4 Mich
Logan Co 201 Cabel St Louisville 6 Ky
Mesker (George L) Steel Corp 400 NW First St
Evansville 8 Ind
METAL CRAFTERS E AVE AT 18TH ST
CEDAR RAPIDS IOWA
St Paul Foundry & Mfg Co 500 Como Ave
St Paul 3 Minn
Smith (F P) Wire & Iron Works Inc 2340
N Claybourn Chicago 14 Ill
Valley Metal Prods 232 Young St Marseilles Ill
Wiemann (Ernest) Iron Works 2035 East 11th
Tulsa 4 Okla

► ESTIMATING SERVICES

Goshen Sash & Door Co East Purl Goshen Ind
Raymond Lumber Co Tomahawk Wis
Tamblin Systems 1420 Gilpin St Denver Colo
Underwood Corp 1 Park Ave New York 18 NY
Unit Structures Inc Peshtigo Wis

► ESTIMATING SYSTEMS, SCHOOL FOR

Under Your Hat Building Control System
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► FABRICATORS, LUMBER

Cooperative Industries Blue Ash & Thomas
St Blue Ash Ohio
Goshen Churn & Ladder Inc 1930 Estes Blvd
Goshen 4 Ind
Hardboard Fabricators 59 Branch St Louis
7 Mo
Illinois Lumber Mfg Co Inc Cairo Ill
Pacific Board Fabricators 633 E Gare Los
Angeles 1 Cal
Prefabricated Prods Co Inc Dexter Horton Bldg
Seattle 4 Wash
TIMBER STRUCTURES INC PO BOX 3782
PORTLAND 8 ORE
Unit Structures Inc Peshtigo Wis
WEYERHAEUSER SALES CO 1ST NATL
BANK BLDG ST PAUL 1 MINN

► FABRIC, REINFORCING

COLORADO FUEL & IRON CORP CONTI-
NENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV U S STEEL
CORP RUSS BLDG SAN FRANCISCO 6
CALIF
Forbes Steel Corp Garrison St Cannonsburg
Pa
Northwestern Steel & Wire Co 1927 Griswold
St Sterling Ill
Pittsburgh Steel Prods Co PO Box 118 Pitta-
burgh 30 Pa
Planett Mfg Co PO Box 350 Downey Cal
Ryerson (Joseph T) & Son 2558 W 16th St
Chicago 80 Ill
Sheffield Steel Div Arco Steel Corp Sheffield
Sta Kansas City 25 Mo



Welbilt-In

Gives builders **MORE FOR THE DOLLAR** *by far*

Much more in glamor, design, features too! Welbilt-In brings you the 'new look' that helps close sales quickly. It's the stand-out luxury built-in range designed to fit quickly and economically into all standard kitchen cabinets. *Nobody knows builders' requirements better than Welbilt.* From Maine to California, with big and small builders, Welbilt outsells all other ranges.

WELBILT-IN—YOUR CHOICE OF GAS OR ELECTRIC WITH IDENTICAL DIMENSIONS

Wall oven-broiler—Easily placed at the height most convenient for no-stoop, easy reach broiling and baking. • Luxurious exterior finish in satin chrome to match every custom kitchen decor. • Klee-Vue Oven Window and Light, electric clock, 4-hour minute minder.

Dimensions: Gas and Electric Oven-Broiler
Height 37½" • Width 20¾" • Depth 23¼"

Counter cooking unit—Unit includes 2 burners. Multiples of 2 can be installed to meet whatever cooking capacity is required. • Luxurious satin chrome finish to complement every counter top and cabinet. • Easy to clean. Removable drip pans... designed to catch spill-overs.

Dimensions: Gas and Electric Top Cooking Unit
Cutout 18½" x 12¼"

Approved by American Gas Association for use with Natural, Manufactured, LP Gas

WELBILT GAS RANGES • ELECTRIC RANGES • AIR CONDITIONERS

Write For Full Details: Welbilt-In Division AB-A
Welbilt Stove Company, Inc., Maspeth 78, N. Y.

AMERICA'S LARGEST RANGE SUPPLIER TO THE BUILDING INDUSTRY

Soule Steel Co 1750 Army St San Fran 24 Calif
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1656 ALBERT ST YOUNGSTOWN 1 OHIO
 United Tent and Supply Co 759 N Spring St Los Angeles Calif

► FANS, EXHAUST, WALL & CEILING, ATTIC & KITCHEN

Acme Equipment Co 215 E Broadway Muskogee Okla
 Aerovent Fan Co Inc Ash and Beacon Sta Piqua Ohio
 Air Controls Inc 2310 Superior Ave Cleveland 14 Ohio
 Alrmaster Corp 4317 Ravenswood Ave Chicago 12 Ill
 American Blower Corp Div American Radiator & Standard Sanitary Corp Tireman at Roselawn Detroit 32 Mich
 American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla
AMERICAN KITCHENS DIV AVCO MFG CORP 15TH AND COLUMBIA CONNERSVILLE IND
 Area Co 512 E Michigan Ave Chicago 11 Ill
 Autovent Fan and Blower Co 222 W Adams Chicago 6 Ill
BAR-BROOK MFG CO 6135 LINWOOD AVE SHREVEPORT LA

BAR-BROOK ATTIC TYPE FANS
 Package and Standard Models
 30" to 54" Sizes
BAR-BROOK MFG. CO., INC.
 6135 Linwood Ave. Shreveport, La

BERNS MFG CO 3650 N ROCKWELL ST CHICAGO 18 ILL
BROAN MFG CO INC 1659 N WATER ST MILWAUKEE 2 WIS
 Buffalo Forge Co 490 Broadway Buffalo 4 NY
 C and H Air Conditioning Fan Co 1591-1623 Dekalb Atlanta Ga
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Champion Blower and Forge Co 1947 Charlotte Lancaster Pa
CHELSEA FAN AND BLOWER CO INC 639 S AVENUE PLAINFIELD NJ
 Clarence Fan Co 719 Porter St Kalamazoo Mich
 Cleveland Heater Co 2310 Superior Ave Cleveland Ohio
COLEMAN CO INC 259 N ST FRANCIS WICHITA 1 KAN
CONSOLIDATED GENERAL PRODS INC PO BOX 7425 HOUSTON TEXAS
 Consolidated Venetian Blind Co 2401 Nicholson St Houston 8 Texas
 Cook Loren Co 664 Frant St Berea Ohio
CROSLLEY DIV AVCO MFG CORP 1329 ARLINGTON ST CINCINNATI 25 OHIO
 Dana Fan & Blower Corp 3501 Colerain Ave Cincinnati Ohio
 Diehl Mfg Co 1185 FINDERNE AVE SOMERVILLE NJ
EMERSON ELECTRIC MFG CO 8100 FLORISSANT AVE ST LOUIS 21 MO
FASCO INDUSTRIES INC 255 N UNION ST ROCHESTER 2 NY
 Folsom Co Inc 3104 Oak Lane Dallas 10 Tex
 Frigid Inc 128-68 32nd St Brooklyn 32 NY
 General Electric Co 8601 Ferris Ave Morton Grove Ill
 General Electric Co 1285 Boston Ave Bridgeport 2 Conn
 Gichner Inc 1900 Kendall NE Washington 2 DC
 Gilbert (A C) Co Erector Square New Haven 6 Conn
GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL
 Harris Inc 200 E Long St Columbus Ohio
HERMAN NELSON 315 CENTRAL AVE LOUISVILLE KY
HUNTER FAN & VENTILATING CO 400 S FRONT ST MEMPHIS 2 TENN
 Huntington Industries Inc 2368 Prospect St Memphis Tenn
 ILL Electric Ventilating Co 2850 N Crawford Chicago 41 Ill
 International Engineering Inc 1200 Bolander Ave Dayton 1 Ohio
 James Mfg Co Fort Atkinson Wis
 Kennedy Co 1620 Dime Bldg Detroit 26 Mich
LAU BLOWER CO 2001 HOME AVE DAYTON 7 OHIO
 Master Mechanic Mfg Co Route 83 Burlington Wis
MCLEAN ENGINEERING LABORATORIES PRINCETON NJ
 Meier Electric & Machine Co Inc 3525 E Washington Indianapolis Ind

MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1956 GRAND AVE MIDDLETOWN OHIO
MORGAN-WIGHTMAN SUPPLY CO 1541 BALZMAN ST LOUIS MO
 Murray Co of Texas PO Box 1517 Atlanta Ga
 National Appliance Co 4814 W Vernor Hwy Detroit 9 Mich
 National Gas Equipment Co Inc Denison Texas
NU TONE INC RED BANK & MADISON CINCINNATI 27 OHIO
 Peerless Electric Co 1401 W Market St Warren Ohio
 Progress Mfg Co Inc Castor & Tulip Ave Philadelphia 34 Pa
 Propellare Div Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
PRYNE AND CO INC 140 N TOWNE POMONA CALIF
REED UNIT FANS INC 1001 ST CHARLES AVE NEW ORLEANS 8 LA
 Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
 Schwitzer-Cummins Co 1125 Massach Ave Indianapolis 7 Ind
 Seco-Lite Mfg Co 4916 Easton Ave St Louis Mo
 Sheet Metal Prods Co 2801 Henderson Kilgore Texas
 Shepler Mfg Co 1229-43 Goebel St Pittsburgh 23 Pa
 Signal Electric Div King-Seely Corp 1821-13th St Menominee Mich
 Sin-Jin Prods Co 5236-40 Fairlawn Ave Baltimore 15 Md
 Standard Electric Mfg Co Inc Haddon Ave W Berlin NJ
STEWART (S J) ELECTRIC CO 527-531 ST ST JOSEPH NEW ORLEANS 12 LA
 Stewart Industries Inc 320 E St Joseph Indianapolis Ind
SUTTON (O A) CORP 1812 W 2ND WICHITA KAN
TRADE-WIND MOTOR FANS INC 5725 S MAIN ST LOS ANGELES CALIF
 Trane Co 3rd and Cameron La Crosse Wis
 United States Air Conditioning Corp Como Ave SE at 33 Minneapolis Minn
 Universal Blower Co 1090 S Adams Ave Birmingham Mich
 Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass
 Viking Air Conditioning Corp 5601 Walworth Ave Cleveland 2 Ohio
 West Wind Corp 1800 Airport Way Seattle 4 Wash
WESTINGHOUSE ELECTRIC CO ELECTRIC APPLIANCE DIV 246 E 4TH ST MANSFIELD OHIO
 Westinghouse Electric Corp 653 Page Blvd Springfield 2 Mass
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
 Wingo Ventilator Co 533 Bittner St St Louis 15 Mo
ZINK (JOHN) CO 4401 S PEORIA TULSA 5 OKLA

► FANS, PORTABLE, WINDOW VENTILATING

Aerovent Fan Co Inc Ash and Beacon Sta Piqua Ohio
 Air Controls Inc 2310 Superior Ave Cleveland 14 Ohio
 American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla
 Automatic Firing Corp 4417 Oleatha Ave St Louis 16 Mo
 Bar-Brook Mfg Co 6135 Linwood Ave Shreveport La
BERNS MFG CO 3650 N ROCKWELL ST CHICAGO 18 ILL
 Buffalo Forge Co 490 Broadway Buffalo 4 NY
 C and H Air Conditioning Fan Co 1591-1623 De Kalb Atlanta Ga
CHELSEA FAN AND BLOWER CO INC 639 S AVENUE PLAINFIELD NJ
 Cleveland Heater Co 2310 Superior Ave Cleveland Ohio
 Consolidated Venetian Blind Co 2401 Nicholson St Houston 8 Texas
 Diehl Mfg Co 1185 FINDERNE AVE SOMERVILLE NJ
EMERSON ELECTRIC MFG CO 8100 FLORISSANT AVE ST LOUIS 21 MO
FASCO INDUSTRIES INC 255 N UNION ST ROCHESTER 2 NY
 Folsom Co Inc 3104 Oak Lane Dallas 10 Tex
 Frigid Inc 128-68 32nd St Brooklyn 32 NY
 General Electric Co 1285 Boston Ave Bridgeport 2 Conn
 Gilbert (A C) Co Erector Square New Haven 6 Conn
GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL
 Hartzell Propeller Fan Div Castle Hills Corp 1964 Shoyer Ave Piqua Ohio
HUNTER FAN & VENTILATING CO 400 S FRONT ST MEMPHIS 2 TENN
 ILL Electric Ventilating Co 2850 N Crawford Chicago 41 Ill
 International Oil Burner Co 3809 Park Ave St Louis 10 Mo

James Mfg Co Fort Atkinson Wis
 Kennedy Co 1620 Dime Bldg Detroit 26 Mich
 Kizzo Co Inc 2400-40 De Kalb St St Louis 4 Mo
 Knapp-Monarch Co 3501 Bent Ave St Louis Mo
LAU BLOWER CO 2001 HOME AVE DAYTON 7 OHIO
 Lomergan Mfg Co Clark St Albion Mich
 Markel Electric Prods Inc 129 149 Seneca St Buffalo 3 NY
 Meier Electric & Machine Co Inc 3525 E Washington Indianapolis Ind
MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1956 GRAND AVE MIDDLETOWN OHIO
 Murray Co of Texas PO Box 1517 Atlanta Ga
 National Appliance Co 4814 W Vernor Hwy Detroit 9 Mich
 National Gas Equipment Co Inc Denison Texas
 Queen Stove Works Inc 505 Front St Albert Lea Minn
REED UNIT FANS INC 1001 ST CHARLES AVE NEW ORLEANS 8 LA
 Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
 Schwitzer-Cummins Co 1125 Massach Ave Indianapolis 7 Ind
 Seco-Lite Mfg Co 4916 Easton Ave St Louis Mo
 Signal Electric Div King-Seely Corp 1821-13th St Menominee Mich
 Superior Electric Prods Corp 1507-17 Independence Cape Girardeau Mo
SUTTON (O A) CORP 1812 W 2ND WICHITA KAN
 Viking Air Conditioning Corp 5601 Walworth Ave Cleveland 2 Ohio
 Westinghouse Electric Corp Sturtevant Div 37 Beadville St Boston 36 Mass
WESTINGHOUSE ELECTRIC CORP ELECTRIC APPLIANCE DIV 246 EAST 4TH ST MANSFIELD OHIO
WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 36 PA
 Westinghouse Electric Corp 653 Page Blvd Springfield 2 Mass

► FANS, VENTILATING, BARN, ELECTRIC

Aerovent Fabricators Inc Ash and Benton Sta Piqua Ohio
 Air Controls Inc 2310 Superior Ave Cleveland 14 Ohio
 American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla
 American Foundry and Furnace Co 125 N Mc Clun St Bloomington Ill
BERNS MFG CO 3650 N ROCKWELL ST CHICAGO 18 ILL
 C and H Air Conditioning Fan Co 1591-1623 De Kalb Atlanta Ga
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Clay Equipment Corp 23 Builder St Cedar Falls Iowa
 Diehl Mfg Co 1185 FINDERNE AVE SOMERVILLE NJ
EMERSON ELECTRIC MFG CO 8100 FLORISSANT AVE ST LOUIS 21 MO
FASCO INDUSTRIES INC 255 N UNION ST ROCHESTER 2 NY
 Frigid Inc 128-68 32nd St Brooklyn 32 NY
 General Electric Co 1285 Boston Ave Bridgeport 2 Conn
GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL
 Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill
HUNTER FAN & VENTILATING CO 400 S FRONT ST MEMPHIS 2 TENN
 ILL Electric Ventilating Co 2850 N Crawford Chicago 41 Ill
 International Engineering Inc 1200 Bolander Ave Dayton 1 Ohio
 James Mfg Co Fort Atkinson Wis
 King Co Box 178 Owatonna Minn
LAU BLOWER CO 2001 HOME AVE DAYTON 7 OHIO
 Loudon Machinery Co 1120 Broadway Fairfield Iowa
 Master Mechanic Mfg Co Route 83 Burlington Wis
 Meier Electric & Machine Co Inc 3525 E Washington Indianapolis Ind
 Murray Co of Texas PO Box 1517 Atlanta Ga
 Ney Mfg Co 948 High Ave SW Canton 4 Ohio
 Peerless Electric Co 1401 W Market St Warren Ohio
 Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
 Seco-Lite Mfg Co 4916 Easton Ave St Louis Mo
 Starline Inc 300 W Front St Harvard Ill
WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 36 PA

► FASTENERS, ASBESTOS, CEMENT, SIDING

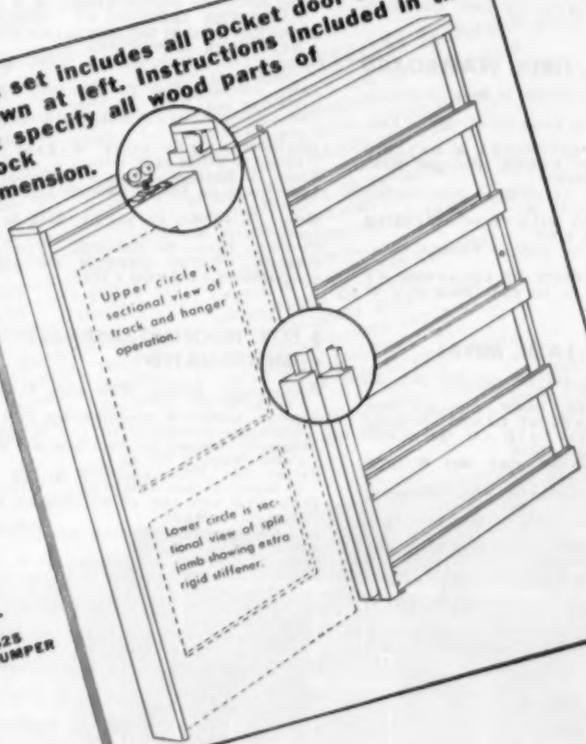
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 E G Building Fasteners Corp 191 Park Ave New York 17 NY

WASHINGTON LINE POCKET DOOR HARDWARE

here's an all-in-one package hardware set for "built-on-the-job" Wood Sliding Door Wall Pockets NO. 632



This set includes all pocket door hardware shown at left. Instructions included in the set specify all wood parts of dimension.



WASHINGTON LINE

FOR MORE INFORMATION, SEE YOUR DEALER OR WRITE:
WASHINGTON STEEL PRODUCTS, INC., DEPT. AB-4,
TACOMA 2, WASHINGTON

Elastic Stop Nut Corp of America 2330 Vauxhall Rd Union NJ
 Fabricated Prods Co Inc Water St West Newton Pa
 Heckmann Bldg Prods Co 4018 West Lake Chicago 24 Ill
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 14 NY
 Penn Supply Metal Corp 1831 N Fifth St Philadelphia 23 Pa
 Precision Devices Inc 147 Cedar St New York 6 NY
STAR EXPANSION BOLT CO 147-149 CEDAR ST NEW YORK 6 NY
 Tinnerman Prods Inc Dept 15 PO 6688 Cleveland 1 Ohio
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ FASTENERS, CONCRETE FORM

Gerrard (A J) & Co 1966 Hawthorn Square Melrose Park Ill
 Heckmann Building Prods Co 4018 West Lake Chicago 24 Ill
 Lamson & Sessions Co 1971 W 85th St Cleveland 2 Ohio
 Precision Devices Inc 147 Cedar St New York 6 NY
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Sommer Metalcraft Corp 315 Poston Drive Crawfordville Ind
STAR EXPANSION BOLT CO 147-149 CEDAR ST NEW YORK 6 NY
 Williams Form Engineering Corp 1501 Madison Ave Grand Rapids Mich

▶ FASTENERS, FIBER, WALLBOARD

Ackerman-Johnson Co 625 W Jackson Chicago 5 Ill
 Heckmann Building Prods Co 4018 West Lake Chicago 24 Ill
INSULATE DIV MINNESOTA & ONTARIO PAPER CO 500 BAKER ARCADE MINNEAPOLIS 2 MINN
 Sheffield Steel Div Arco Steel Corp Sheffield Sta Kansas City 25 Mo
STAR EXPANSION BOLT CO 147-149 CEDAR ST NEW YORK 6 NY
 Tinnerman Prods Inc Dept 16 PO 6688 Cleveland 1 Ohio
UPSON CO 43 UPSON PT LOCKPORT NY
 Wood Conversion Co 1st Natl Bank Bldg St Paul 1 Minn

▶ FASTENERS, LATH, METAL

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
REPUBLIC STEEL CORP BERGER DIV 1036 BELDEN AVE NE CANTON 5 OHIO
BOSTWICK STEEL LATH CO 1890 GRISWOLD DR NILES OHIO
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 30 ILL
 Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio
 Heckmann Building Prods Co 4018 West Lake Chicago 24 Ill
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
 Lamson & Sessions Co 1971 W 85th St Cleveland Ohio
REMINGTON ARMS CO INC 939 BARNUM AVE BRIDGEPORT 2 CONN
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1950 ALBERT ST YOUNGSTOWN 1 OHIO

▶ FASTENERS, STEEL CORRUGATED

Aeme Steel Co 2840 Archer Ave Chicago 8 Ill
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 American Metal Works Inc 4401 Bienville St New Orleans La
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Fabricated Prods Co Inc Water St West Newton Pa
 Independent Metal Strap Co Inc 230 3rd St Brooklyn 15 N Y
 Larson Co Ave G & C&NW Ry Sterling Ill
 Packard (E B) Co Inc 139 Cedar New York 6 N Y
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
 Signode Steel Strapping Co 2600 N Western Ave Chicago 47 Ill
STANLEY WORKS NEW BRITAIN CONN

▶ FASTENERS, WOOD JOINT

Aeme Steel Co 2840 Archer Ave Chicago 8 Ill
ARROW FASTENER CO 1 JUNIUS BROOKLYN 12 N. Y.

Independent Metal Strap Co Inc 230 3rd St Brooklyn 15 N Y
 Knape & Vogt Mfg Co 658 Richmond N W Grand Rapids Mich
 Lamson & Sessions Co 1971 W 85th St Cleveland 2 Ohio
 Packard (E B) Co Inc 139 Cedar New York 6 N Y
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
STANLEY WORKS NEW BRITAIN CONN
 Superior Fastener Corp 2949 Elston Ave Chicago 18 Ill
TIMBER ENGINEERING CO 1319 18TH ST N W WASHINGTON 6 D C

▶ FELT, ROOFING

Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 Bonafide Mills Inc 295 Fifth Ave New York N Y
 Camp Co Inc 6958 S State Chicago 21 Ill
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AV ARDMORE PA
FLINTKOTE CO 39 ROCKEFELLER PLAZA NEW YORK 20 N Y
 Gihner Inc 1900 Kendall N E Washington 2 D C
 Globe Roofing Prods Co Inc 2207 Schrage Whiting Ind
 Globe Siding Prods Co 2207-51 Schrage Whiting Ind
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 18 N Y
 Lehon Co Madison at 25th Av Bellwood Ill
 Logan-Long Co 6600 S Central Ave Chicago 38 Ill
 Nelson (B F) Mfg Co 401 NE Main St Minneapolis 13 Min
 Protective Papers Inc Union Ill
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ FELT, ROOFING, ASPHALT IMPREGNATED

Amalgamated Roofing Mills 6600 S Central Chicago 38 Ill
 Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 Badger Corrugating Co 1801 West Ave So La Crosse Wis
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BIRD AND SON INC 47 WILSON ST EAST WALPOLE MASS
 Bonafide Mills Inc 295 Fifth Ave New York N Y
 Camp Co Inc 6958 S State Chicago 21 Ill
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AV ARDMORE PA
 Ford Roofing Prods Co 8 N Michigan Av Chicago 2 Ill
 Gold Seal Asphalt Roofing Co P O Box 302 Chicago Heights Ill
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 N Y
 Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa
 Lehon Co Madison at 25th Av Bellwood Ill
 Logan-Long Co 6600 S Central Ave Chicago 38 Ill
 Old American Roof Mills Div Ruberoid 509 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Reilly Tar & Chemical Corp Merchants Bank Bldg Indianapolis 4 Ind
 Rickraft Co 510 N Dearborn St Chicago 10 Ill
RUBEROID CO 500 5TH AVE NEW YORK 36 N Y
 Tuffalt Inc 137 Bauman St Pittsburgh 10 Pa
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ FENCE, CHAIN LINK

American Chain Link Fence Co 24 Ship Ave Medford Mass
 Anchor Post Fence Div Anchor Post Prods Inc 6673 Eastern Ave Baltimore 24 Md
 Atlas Fence Co 3650 Richmond St Philadelphia 34 Pa

Century Fence Co Box 466 Waukesha Wis
 Chain-Link Fence Corp 4301 W 69th St Chicago Ill
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
 Cyclone Fence Div American Steel Wire Co Box 260 Waukegan 1 Ill
 Davis & Siehl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio
 Grand Rapids Wire Prods Co 501 Front Ave Grand Rapids 4 Mich
GULF STEEL & WIRE CO SAN JUAN P R
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
 Page Steel & Wire Div American Chain & Cable Co First & River Sts Monessen Pa
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
 Southern Galvanizing Co 1620 Bush St AB Baltimore 30 Md
 Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga
 Stewart Iron Works Inc PO Box 1039 Cincinnati 1 Ohio
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

▶ FENCE & GATES, LAWN, ORNAMENTAL

Adams Co The PO Box 268 Dubuque Iowa
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 American Chain Link Fence Co 24 Ship Ave Medford Mass
AMERICAN STEEL AND WIRE DIV US STEEL CORP 1420 ROCKEFELLER CLEVELAND 13 OHIO
 Anchor Post Fence Div Anchor Post Prods Inc 6673 Eastern Ave Baltimore 24 Md
 Arnold Dain Corp Box F Mahopac NY
ARTCRAFT ORNAMENTAL IRON CO 724 E HUDSON ST COLUMBUS 11 OHIO
 Atlas Fence Co 3650 Richmond St Philadelphia 34 Pa
 Beh & Co Inc 1150 Broadway New York NY
 Bellkool Co 623 S State Box 591 Appleton Wis
 Belson Mfg Co East River Rd No Aurora Ill
REPUBLIC STEEL CORP BERGER DIV 1036 BELDEN AVE NE CANTON 5 OHIO
 Century Fence Co Box 466 Waukesha Wis
 Chain-Link Fence Corp 4301 W 69th St Chicago Ill
CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO
 Clay Equipment Corp 23 Builder St Cedar Falls Iowa
COFFMAN (R G) CO INC PO Box 1113 ORLANDO FLA
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
 Cyclone Fence Div American Steel Wire Co Box 260 Waukegan 1 Ill
 Davis & Siehl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio
 Forbes Steel Corp Garrison St Cannonsburg Pa
 Illinois Wire & Mfg Co PO Box 1396 Joliet Ill
KEYSTONE STEEL & WIRE CO 7900 S ADAMS PEORIA 7 ILL
 Logan Co 201 Cabell St Louisville 6 Ky
METAL CRAFTERS E AVE AT 18TH ST CEDAR RAPIDS IOWA
 Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio
 Mid States Steel and Wire Co Crawfordville Ind
 Nebraska Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
 Northwestern Steel & Wire Co 1927 Grallowd St Sterling Ill
 Page Steel & Wire Div American Chain & Cable Co First & River Sts Monessen Pa
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
 Redwood Garden Materials Co 7130 Romaine St Los Angeles 46 Cal
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Rippolite Plastics Prods Inc 3910 Cobasset St Burbank Calif
 Samese (Wm J) Iron Co 917 Military Road Kenmore 17 NY
 Southern Galvanizing Co 1620 Bush St AB Baltimore 30 Md
 Standard Mfg Co 220 E 4th Cedar Falls Iowa
 Stewart Iron Works Inc PO Box 1039 Cincinnati 1 Ohio
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
 Tennessee Fabricating Co 1490 Grimes St Memphis Tenn
 Valley Metal Prods 222 Young St Marseilles Ill

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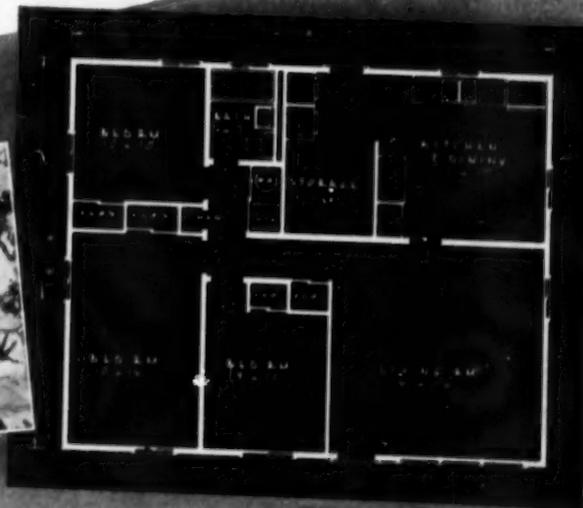
1051 sq. feet of big, solid house... more square footage and quality at less cost than any other package on the market. The \$2.65 per square foot Peerless is no "bargain baby"... it features only top quality materials throughout and it is a big house (see floor plan). Richmond's exclusive big area design compares favorably with designs in homes costing thousands of dollars more, gives you a host of SELL-points: livability, storage, and low-cost luxury.

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- ✓ 160 SQ. FT. MASTER BEDROOM
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- ✓ YOUR CHOICE OF EXTERIOR and FRONT ELEVATIONS
- ✓ QUALITY CONSTRUCTED THROUGHOUT
- ✓ BIRCH CABINETS
- ✓ DELUXE VAN PACKER CHIMNEY
- ✓ SHEETROCK OR PLASTER
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- ✓ FACTORY APPLIED CEDAR SHAKES
- ✓ FORMICA COUNTER TOPS
- ✓ WINDOW WALLS ✓ INSULATED



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Wiemann (Ernest) Iron Works 2035 East 11th Tulsa 4 Okla

▶ FENCE, RUSTIC

Anchor Post Prods Fence Div 6678 Eastern Ave Baltimore 23 Md
Arnold Dain Corp Box F Mahopac NY
Atlas Fence Co 3650 Richmond St Philadelphia 34 Pa

Century Fence Co Box 466 Waukesha Wis
Davis & Siesl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio
Elhide Co 130 Sixth St Cambridge 42 Mass
Lincraft Inc Burlington NJ
MacGillis and Gibbs Co 1615 E Royall Pl Milwaukee 2 Wis

MASONITE CORP 111 W WASHINGTON CHICAGO 3 ILL

Redwood Garden Materials Co 7130 Romaine St Los Angeles 46 Cal
Whiting Fence Co 130 Sixth St Cambridge 43 Mass
Wood Prods Co 421 Phillips Ave Toledo 12 Ohio

▶ FENCE, SNOW

Angelina County Lumber Co Keltys Texas
Beh & Co Inc 1150 Broadway New York NY
Capitol Fence Co 735 N Water Milwaukee 2 Wis

Concord Woodworking Co Inc 10 Behariet St W Concord Mass
Gaylor (E S) Lumber Co Box 207 Sioux City 2 Iowa

Humboldt Fence & Supply Co Humboldt Iowa
Illinois Wire & Mfg Co PO Box 1396 Joliet Ill
Kinross Pine Mills Co Kinross Ore
Lincraft Inc Burlington NJ
Mauk Seattle Lumber Co 3935 University Seattle 3 Wash

Nebraska Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb

ROWE MFG CO 614 W THIRD ST GALESBURG ILL

Security Fence & Mfg Co 8701 North 30th Omaha 12 Neb

Wheeler-Arnold Co Wittenberg Wis

▶ FENCE, WIRE

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich

AMERICAN STEEL AND WIRE DIV US STEEL CORP 1420 ROCKEFELLER CLEVELAND 13 OHIO

Badger Corrugating Co 1801 West Ave So La Crosse Wis

BETHLEHEM STEEL CO BETHLEHEM PA

Century Fence Co Box 466 Waukesha Wis

COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 3 COLO

COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF

Continental Steel Corp 1109 S Main St Kokomo Ind

Copperwell Steel Co 322 Frick Bldg Pittsburgh 18 Pa

Davis & Siesl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio

Forbes Steel Corp Garrison St Cannonsburg Pa

Gilbert & Bennett Mfg Co 600 Miller Ave Georgetown Conn

GULF STEEL & WIRE CO SAN JUAN P R

Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa

KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL

Mid States Steel and Wire Co Crawfordsville Ind

Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill

Page Steel & Wire Div American Chain & Cable Co First & River Sts Monessen Pa

Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa

Republic Steel Corp Republic Bldg Cleveland 1 Ohio

Sheffield Steel Div Armeo Steel Corp Sheffield Sta Kansas City 25 Mo

TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 395 FAIRFIELD ALA

▶ FENCE, WOOD

Arnold Dain Corp Box F Mahopac NY

Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY

Atlas Fence Co 3650 Richmond St Philadelphia 34 Pa

Beh & Co Inc 1150 Broadway New York NY

Cascade Pacific Lumber Co 319 Pacific Bldg Portland 4 Ore

Century Fence Co Box 466 Waukesha Wis

Concord Woodworking Co Inc 10 Behariet St W Concord Mass

CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS

Davis & Siesl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio

Elhide Co 130 Sixth St Cambridge 42 Mass

Fordyce-Crosett Lumber Co Fordyce Ark

Front Lumber Industries PO Drawer 1125 Shreveport 90 La

SONOCO PRODS HARTSVILLE SC

GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH

Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill

Illinois Wire & Mfg Co PO Box 1396 Joliet Ill

Lincraft Inc Burlington NJ

MacGillis and Gibbs Co 1615 E Royall Pl Milwaukee 2 Wis

Nebraska Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb

Redwood Garden Materials Co 7130 Romaine St Los Angeles 46 Cal

ROWE MFG CO 614 W THIRD ST GALESBURG ILL

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Wood Products Co 421 Phillips Ave Toledo 12 Ohio

WHEELER-ARNOLD CO WITTENBERG WIS

Alabastine Paint Prods 2629 Grand Ave Chicago 12 Ill

American Varnish Co 1140 N Branch St Chicago 22 Ill

ARMSTRONG CORK CO 1016 CONCORD ST LANCASTER PA

Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill

Blue Ridge Talc Co Inc Henry Va

Boyer Chemical Laboratory Co 2236 S Wabash Ave Chicago Ill

Boyle-Midway Inc 22 E 40th St New York 16 NY

Camp Co Inc 6958 S State Chicago 21 Ill

Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio

CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA

Chicago Bronze and Color Works 2673 W Grand Ave Chicago 12 Ill

Chicago Paints Inc 4509 W 14th Chicago 23 Ill

Consumers Glue Co 1515 Hadley St Louis 6 Mo

Davis Plywood Corp 12555 Berea Road Cleveland 11 Ohio

Douglas & Sturgess 475 Bryant St San Francisco Cal

Durham (Donald) Co PO Box 804 Des Moines 4 Iowa

Fabricated Prods Co Inc Water St West Newton Pa

Felton Sibley & Co Inc 136 N 4th St Philadelphia 6 Pa

Foy Paint Co Inc 1776 Mentor Ave Cincinnati 12 Ohio

GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO

JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 NY

Johnson (R F) Paint Co 3925 Huston Ave Cincinnati 12 Ohio

Leasing Prods Co Franklinton Rd Baltimore 23 Md

Liebhig (G J) Co 931 N Orden Ave Chicago 22 Ill

Lowe Bros 436 E 3rd St Dayton 2 Ohio

Lux Co Inc 315 W Franklin St Elkhart 2 Ind

MEADOWS (W R) INC 2 KIMBALL ELGIN ILL

Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio

Moore (Benjamin) & Co 511 Canal St New York 13 NY

NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY

Patterson-Sargent Co 1325 East 38th St Cleveland 14 Ohio

Pecora Paint Co Inc 4th St & Rdg RR Philadelphia 46 Pa

Perkins Glue Co 652 Cannon Ave Lansdale Pa

PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA

Pressite Engineering Co 3900 Chouteau Ave St Louis 10 Mo

Reardon Co 7501 Page Ave St Louis 14 Mo

Relly Tar & Chemical Corp Merchants Bank Bldg Indianapolis 4 Ind

Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY

Savogran Co 25 Huntington Ave Boston 16 Mass

Schalk Chemical Co 351 E 2nd St Los Angeles 12 Cal

Serviceless Prods Corp 6051 W 65th St Chicago 35 Ill

Sheffield Bronze Paint Corp 17814 Waterloo Cleveland Ohio

Smooth-On Mfg Co 574 Communipaw Jersey City 4 NJ

Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo

Stonhard Co 1306 Spring Garden Philadelphia 23 Pa

Tamm Industries Inc 228 N La Salle St Chicago 1 Ill

Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY

Tuffalt Inc 187 Bauman St Pittsburgh 10 Pa

United Gilsomite Laboratories 1396 Jefferson Ave Scranton 1 Pa

UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

Webb Prods Co 216 S G St San Bernardino Cal

Wesco Waterpaint Co 742 Grayson St Berkeley 19 Calif

X-Pando Corp 45-15 36th St Long Island City 1 NY

▶ FILLERS, JOINT, SEWER PIPE

Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio

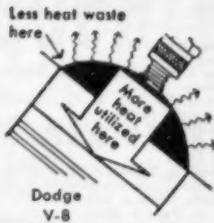
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 NY

Kaul Clay Mfg Co Spring St Box 128 Toronto Ohio

Keystone Asphalt Prods Co 101 E Ontario St Chicago 11 Ill

MEADOWS (W R) INC 2 KIMBALL ELGIN ILL

NATIONAL CLAY PIPE MFRS INC 1520 18TH ST NW WASHINGTON 6 DC

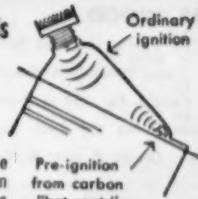


Less surface area, less heat lost

Rounded exclusive Power-Dome combustion chamber has less surface area than irregular chambers. Thus less heat is dissipated into cooling system, more heat is utilized within the chamber to expand gases more fully, give greater thrust to piston.

Dodge V-8

Dodge avoids power-stealing hot spots



Power-Dome combustion chambers are "hot spots" rounded, have no corners or pockets in which carbon deposits can build up. Such deposits become red-hot, pre-ignite the fuel-air mixture, cause engine knock and loss of power, lead to costly repairs.

Short flame travel, better valving



Dodge V-8

Ordinary V-8

With Power-Dome combustion chambers, the spark plugs are located at or near the center. Thus the flame has a shorter distance to travel, combustion is more even. Large unrestricted valves mean better "breathing" and greater efficiency.

How you
get more power,
use less gas with
POWER-DOME V-8 truck engines!



Truck owners everywhere report more power and less fuel consumption with new Dodge Truck Power-Dome V-8 engines. AAA-supervised tests *proved* the power of Dodge Truck V-8's in a history making Pikes Peak climb . . . proved the economy of Dodge Truck V-8's in a sensational 22-mile-per-gallon Economy Run.

Look at the pictures and captions shown on this page—then, for further details and an eye-opening road test, see your dependable Dodge Truck dealer!

DODGE "Job-Rated" TRUCKS

A PRODUCT OF CHRYSLER CORPORATION

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Tuffalt Inc 137 Hausman St Pittsburgh 10 Pa

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Alubustine Paint Prods 2629 Grand Ave Chi-
cago 12 Ill
American Varnish Co 1140 N Branch St Chi-
cago 22 Ill
Berry Brothers Inc 211 Leib St Detroit 7
Mich
Boyle-Midway Inc 22 E 40th St New York 16
NY
Breinig Bros 1st and Harrison Hoboken NJ
**BRUCE (E L) CO 1646 THOMAS BOX 397
MEMPHIS 1 TENN**
Chicago Bronze and Color Works 2673 W
Grand Ave Chicago 12 Ill
Chicago Paints Inc 4590 W 14th Chicago 23
Ill
Devoe & Reynolds Co Inc 787 First Ave New
York 17 NY
DuPont De Nemours (E I) & Co Inc 1097
Market St Wilmington 98 Del
Elliott Paint & Varnish Co 4523 Fifth Ave
Chicago 23 Ill
Felton Sibley & Co Inc 136 N 4th St Phila-
delphia 6 Pa
Foy Paint Co Inc 1776 Mentor Ave Cincin-
nati 12 Ohio
Fuller (W P) & Co 301 Mission St San Fran-
cisco 19 Cal
**GLIDDEN CO BEREA RD & MADISON
CLEVELAND 2 OHIO**
Grand Rapids Varnish Corp 1350 Steele Ave
SW Gr Rapids 2 Mich
Johnson and F Paint Co 3925 Huston Ave
Cincinnati 12 Ohio
Keystone Paint & Varnish Corp 71 Otsego St
Brooklyn 31 NY
Kyanize Paints Inc 2nd & Boston Sts Everett
49 Mass
Lawrence (W W) & Co 1124-32 W Carson
Pittsburgh 19 Pa
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Lucas (John) & Co Inc 1619 Pennsylvania
Blvd Philadelphia Pa
Martin-Senour Co 2520 S Quarry St Chicago 8
Ill
Moore (Benjamin) and Co 511 Canal St New
York 13 NY
National Lead Co 111 Broadway New York 6
NY
O'Brien Corp 101 N Johnson St South Bend 21
Ind
Parker Ira and Sons Oshkosh Wis
Patterson-Sargent Co 1325 East 38th St Cleve-
land 14 Ohio
Peaslee-Gaulbert Paint & Varnish Co 223 N
15th St Louisville Ky
**PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE BLVD PITTSBURGH 22 PA**
Pratt and Lambert Inc 75 Tonawanda St
Buffalo 7 NY
Reardon Co 7501 Page Ave St Louis 14 Mo
Savogran Co 25 Huntington Ave Boston 16
Mass
Schalk Chemical Co 351 E 2nd St Los Angeles
12 Cal
Seidlitz Paint & Varnish Co 18th & Garfield St
Kansas City 16 Mo
Shffield Bronze Paint Corp 17814 Waterlon
Cleveland Ohio
Sherwin-Williams Co 101 Prospect Ave Cleve-
land 1 Ohio
Standard Industrial Prods Inc 1500 Park St
Evansville 4 Ind
Steelco Mfg Co 3418 Gratiot St St Louis 3 Mo
United Gilsonite Laboratories 1396 Jefferson
Ave Scranton 1 Pa
**UNITED STATES PLYWOOD CORP 55 W
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Wilbur & Williams Co 130 Lincoln St Boston
15 Mass

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Air Devices Inc 185 Madison Ave New York 16
NY
Badger Corrugating Co 1801 West Ave S
La Crosse Wis
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OLAS BLDG TOLEDO 3 OHIO**
**PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE BLVD PITTSBURGH 22 PA**
Research Prods Corp 1015 E Washington Mad-
ison 10 Wis
Standard Asbestos Mfg Co 860 W Evergreen
Ave Chicago 22 Ill
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Investors Diversified Services 200 Roanoke
Bldg Minneapolis Minn
Lawrence Warehouse Co 37 Drumm St San
Francisco 11 Cal
National Life Insurance Co Montpelier Vt
St Louis Terminal Warehouse Co Box 242
St Louis Mo
U S Savings and Loan League 221 N LaSalle
St Chicago 11

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**MULLER MACHINERY CO INC PO BOX 248
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Stow Mfg Co Inc 272 Shear St Binghamton NY
WHITE MFG CO ELKHART 4 IND
Whiteman Mfg Co 3249 Casitas Ave Los An-
geles 39 Cal

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Ave Chicago 11 Ill
**CELOTEX CORP 120 S LASALLE ST CHI-
CAGO 3 ILL**
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Iowa
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NEW YORK 16 NY**
**MARSH WALL PRODS INC 268 MAIN ST
DOVER OHIO**
**NATIONAL GYPSUM CO 325 DELAWARE
AVE BUFFALO 2 NY**
Reardon Co 7501 Page Ave St Louis 14 Mo
Schalk Chemical Co 351 E 2nd St Los Angeles
12 Cal
**UNITED STATES GYPSUM CO 300 W
ADAMS ST CHICAGO 6 ILL**
UPSON CO 43 UPSON PT LOCKPORT NY
Wesco Waterpaints Inc Maple St Matteson Ill

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Camp Co Inc 6958 S State Chicago 21 Ill
Dewaters Mfg Corp 424 W 42nd St New York
36 NY
Flexrock Co 36th & Filbert Sts Philadelphia 4
Pa
Hart & Burns Riverside Calif
**JOHNS-MANVILLE CORP 22 EAST 40TH ST
NEW YORK 16 NY**
Martin-Senour Co 2520 S Quarry St Chicago 8
Ill
Tufereite Co Inc 552 Teachout Bldg Des Moines
9 Iowa

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cago 12 Ill
**AMERICAN FLOOR SURFACING MACHINE
CO 515 S ST CLAIR ST TOLEDO 3 OHIO**
American Fluoresit Co 4011 Red Bank Rd Cin-
cinnati 27 Ohio
American-Marietta Co Valdura Div 101 E
Ontario St Chicago Ill
American Varnish Co 1140 N Branch St Chi-
cago 22 Ill
**BRUCE (E L) CO 1646 THOMAS BX 397
MEMPHIS 1 TENN**
Camp Co Inc 6958 S State Chicago 21 Ill
Camp Chemical Co Inc 170 Second Ave Brook-
lyn 15 NY
Ceresit Waterproofing Corp 3227 S Shields Ave
Chicago 16 Ill
Chapman Chemical Co 707 Dermon Bldg
Memphis Tenn
Chicago Bronze and Color Works 2673 W
Grand Ave Chicago 12 Ill
Chi-Namel Paint and Varnish Co 1101 Third
St So Minneapolis Minn
Clarke Sanding Machine Co 30 E Clay Ave
Muskegon Mich
Continental Asbestos & Refining Corp 1
Madison Ave New York 10 NY
Cromar Co Susquehanna St Williamsport Pa
Devoe & Reynolds Co Inc 787 First Ave New
York 17 NY
Douglas & Sturress 475 Bryant St San Fran-
cisco Cal
DuPont De Nemours (E I) & Co Inc 1097
Market St Wilmington 98 Del
Elliott Paint & Varnish Co 4523 Fifth Ave
Chicago 24 Ill
Flexrock Co 36th & Filbert Sts Philadelphia 4
Pa
**FLINTKOTE CO 30 ROCKEFELLER PLAZA
NEW YORK 28 NY**
Franklin Research Co 5137 Lancaster Ave
Philadelphia 31 Pa
**GLIDDEN CO BEREA RD & MADISON
CLEVELAND 2 OHIO**

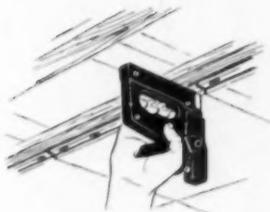
Globe Paint Works Inc 202 Market St Wil-
liamsport 5 Pa
Horn (A C) Co Inc Tenth St & 44th Long
Island City 1 NY
International Chemical Co Inc 3140 S Canal
St Chicago 16 Ill
Johnson (S C) & Co Inc 1525 Howe St
Racine Wis
Kyanize Paints Inc 2nd & Boston Sts Everett
49 Mass
Lawrence (W W) & Co 1124-32 W Carson
Pittsburgh 19 Pa
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Martin-Senour Co 2520 S Quarry St Chicago 8
Ill
Minneapolis Builders Supply Co 927 Second
Ave S Minneapolis Minn
Minnesota Mining and Mfg Co 900 Fauquier
Ave St Paul 6 Minn
Minnesota Platon Corp Platon Bldg Pipestone
Minn
Monroe Co Inc 10703 Quebec Ave Cleveland 6
Ohio
Monanto Chemical Co 1700 S Second St
St Louis 4 Mo
Moore (Benjamin) and Co 511 Canal St New
York 13 NY
Nu Surfas Corporation 7312 Benpelt Ave
Chicago 49 Ill
O'Brien Corp 101 N Johnson St South Bend 21
Ind
Patterson-Sargent Co 1325 East 38th St Cleve-
land 14 Ohio
Penetone Co The 74 Hudson Ave Tenafly NJ
Pierce & Stevens Inc 710 Ohio St Buffalo 3
NY
**PITTSBURGH PLATE GLASS CO 632 FORT
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Plasti-Kote Co 425 Lakeside Ave Cleveland 13
Ohio
Pratt and Lambert Inc 75 Tonawanda St
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Puritan Chemical Co 916 Ashby St NW At-
lanta Ga
Rockford Paint Mfg Co 200 Sayre St Rock-
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Kansas City 16 Mo
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Ave New York 16 NY
Standard Floor Co Gulf Bldg Pittsburgh Pa
Steelco Mfg Co 3418 Gratiot St St Louis 3
Mo
Tamma Industries Inc 228 N LaSalle St Chi-
cago 11 Ill
Thornton (L M) Mfg Co 2821 E 18th St
Kansas City Mo
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Tufereite Co Inc 552 Teachout Bldg Des Moines
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land Av St Paul 14 Minn
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Waterlox Div Empire Varnish Co 2636 East
76th St Cleveland 4 Ohio
Wesco Waterpaints Inc Maple St Matteson Ill
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Bennett-Ireland Inc 23 State St Norwich NY
**DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO**
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**GRILLCRAFT CO 477 E 7TH ST ST PAUL 1
MINN**
Hancock Iron Works PO Box 13 Pontiac Mich
Industrial Iron Works PO Box 4625 Portland
2 Ore
Logan Co 201 Cabel St Louisville 6 Ky
MAJESTIC CO HALL ST-HUNTINGTON IND
Mexico Refractories Co Love and Cole Sts
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Squeeze More Profit from Jobs Like These

with a BOSTITCH T5 Tacker



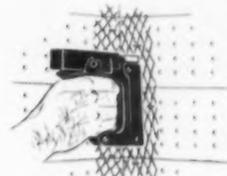
- Put up ceiling tile without tile damage



- Install batt, foil and blanket insulation



- Fasten screening much more quickly



- Apply cornerite in cramped corners



- Put up tiling mesh in half the time



- Apply sheathing paper single-handed

Faster than conventional methods on almost any tacking job.



BOSTITCH T5 TACKER

Light, compact, easy to operate. Loads fast. Gets into tight places. Drives staples all the way into hard woods with powerful action. Three models. Twelve staple sizes. Available through your building supply dealer.

Fill out the business reply card and mail it today for complete literature

Fasten it better and faster with



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Drive Home Bigger Savings

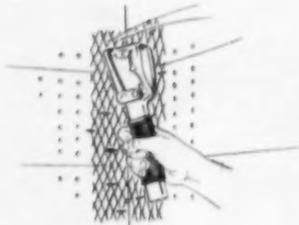
with a BOSTITCH H2B Hammer

BOSTITCH H2B STAPLING HAMMER

High-speed, self-feeding stapling hammer. Loads easily from front with 160 staples. One-hand, one-blow operation speeds job by freeing other hand for better balance or positioning the work. Lightweight but rugged. Two models. Three staple sizes. Available through your building supply dealer.



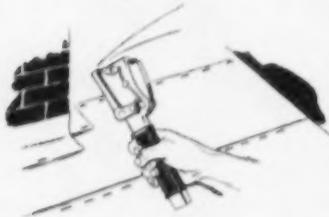
- Fastest method for installing insulation



- Cut cost of applying cornerite in half



- Lay underfelt with H2BR. Wide, flat staples hold without tearing



- Apply sheathing paper and flashings



- Speed undercourse shingling with H2B½



- Secure metal lath, tile mesh.

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- Bostitch machines for fastening _____ to _____

(name materials)

Name _____

Firm _____

Address _____

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Fasten it better and faster with



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Carey Industries 191 Manor Drive Syracuse
NY
Condon-King Co 1247 Rainier Ave Seattle 44
Wash
Covert (H W) Co 339 E 48th St New York
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DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO
GENERAL PRODS CO BOX 661 FRED-
ERICKSBURG VA
GRILLCRAFT CO 477 E 7TH ST ST PAUL 1
MINN
Hearthaire Conditioning Co 3126 Scarborough
Cleveland Ohio
HEATILATOR INC 661 E BRIGHTON AVE
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A fireplace that heats. Scientifically designed of all-metal. Accepts any mantel design.

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American Lumber and Treating Co 332 S
Michigan Ave Chicago 4 Ill
Camp Co Inc 6968 S State Chicago 21 Ill
Camp Chemical Co Inc 170 Second Ave Brook-
lyn 15 NY
Columbia Acoustics & Fireproof Stanhope NJ
Koppers Co Inc Koppers Bldg Pittsburgh 19
Pa
McKown Bros Co 5303 S Keeler Ave Chicago
32 Ill
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NY
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Benjamin Electric Co Des Plaines Ill
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Conduit Pipe Prods Co 157 W Fulton St
Columbus Ohio
Hileo Engineering Co Genoa City Wis
Kees (F D) Mfg Co 700 Park Ave Beatrice
Nebr
Porcelain Prods Inc 422 W Sandusky St Find-
lay Ohio
Pyle-National Co 1334 N Kostner Chicago 51
Ill
Sherman (H B) Mfg Co 22 Barney St Battle
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PITTSBURGH 30 PA
American Sanitary Mfg Co PO Box 111
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Barnes Mfg Co 651 N Main St Mansfield Ohio
BELL & GOSSETT CO 8200 AUSTIN MOR-
TON GROVE ILL
BRIGGS MFG CO 300 BUHL BLDG DETROIT
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CASE (W A) & SON MFG CO 33 MAIN ST
BUFFALO 3 NY
Central Brass Mfg Co 2950 E 55th St Cleve-
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39 Ill
Crane Co 836 S Michigan Chicago 5 Ill
Dart Union Co 134 Thurbers Ave Providence
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Detroit Brass & Malleable Works 100 S Camp-
bell Detroit 9 Mich
Diek Bros Inc 3rd & Buttonwood Reading Pa
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Durst Mfg Co 409 Lafayette New York 3 NY
ELER CO 3 GATEWAY CENTER PITTS-
BURGH 22 PA
Fanner Mfg Co Brookside Park Cleveland 9
Ohio
General Fittings Co Dept 43 123 Georgia Ave
Providence 5 RI
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Ohio
Grand Rapids Brass Co 99 Front St Grand
Rapids Mich
Harvey Machine Co Inc 19200 S Western
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James Mfg Co Ft Atkinson Wis
Keystone Brass & Rubber Co Inc 2705 N
Broad St Philadelphia 32 Pa
KOHLER CO 44 HIGH ST KOHLER WIS
McDonnell & Miller Inc 3500 N Spaulding
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Mueller Brass Co 1925 Lapeer Ave Port Huron
Mich
National Lead Co 111 Broadway New York 6
NY
PENBERTHY INJECTOR CO 1242 HOLDEN
AVE DETROIT 2 MICH
Powell (William) Co 2525 Spring Grove Cin-
cinnati 22 Ohio
Price-Plater Brass Mfg Co 3011 Humboldt St
Los Angeles 31 Calif
Ravenna Metal Prods Co 6518 Ravenna Seattle
Wash
Schable Co 1086 Summer Cincinnati 4 Ohio
Seovill Mfg Co 1655 Thomaston Ave Water-
ville 14 Conn
Sentry Sanitary Corp Mannington W Va
Sherman (H B) Mfg Co 22 Barney St Battle
Creek Mich
Sloan Valve Co 4300 W Lake St Chicago 24
Ill
Swett (A L) Iron Works 145 Glenwood Ave
Medina NY
THRUSH (H A) AND CO PERU IND
Trane Co 3rd and Cameron La Crosse Wis
Trenton Pipe Nipple Co 626 Brunswick Ave
Trenton NJ
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CASTLE PA
Walworth Co 60 East 42nd St New York 17
NY
Western Foundry Co 2400 E S Water Ave
Portland 1 Ore
Wolff Mfg Co 2090 W Fulton Chicago Ill
Youngstown Sheet & Tube Co Stambaugh Bldg
Youngstown 1 Ohio
Youngstown Steel Prods Co Stambaugh Bldg
Youngstown 1 Ohio

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McDonnell & Miller Inc 3500 N Spaulding
Chicago 18 Ill
Mueller Brass Co 1925 Lapeer Ave Port Huron
Mich
National Lead Co 111 Broadway New York 6
NY

PENBERTHY INJECTOR CO 1242 HOLDEN
AVE DETROIT 2 MICH
Powell (William) Co 2525 Spring Grove Cin-
cinnati 22 Ohio

Price-Plater Brass Mfg Co 3011 Humboldt St
Los Angeles 31 Calif
Ravenna Metal Prods Co 6518 Ravenna Seattle
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Schable Co 1086 Summer Cincinnati 4 Ohio
Seovill Mfg Co 1655 Thomaston Ave Water-
ville 14 Conn
Sentry Sanitary Corp Mannington W Va
Sherman (H B) Mfg Co 22 Barney St Battle
Creek Mich
Sloan Valve Co 4300 W Lake St Chicago 24
Ill
Swett (A L) Iron Works 145 Glenwood Ave
Medina NY

THRUSH (H A) AND CO PERU IND
Trane Co 3rd and Cameron La Crosse Wis
Trenton Pipe Nipple Co 626 Brunswick Ave
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UNIVERSAL-RUNDLE CORP BOX 960 NEW
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Walworth Co 60 East 42nd St New York 17
NY
Western Foundry Co 2400 E S Water Ave
Portland 1 Ore
Wolff Mfg Co 2090 W Fulton Chicago Ill
Youngstown Sheet & Tube Co Stambaugh Bldg
Youngstown 1 Ohio
Youngstown Steel Prods Co Stambaugh Bldg
Youngstown 1 Ohio

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Austral Sales Corp 101 Park Ave New York
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Kirlin Co 3435 E Jefferson Detroit 7 Mich
Malleable Iron Fittings Co 21 Thatcher St
Bradford Conn
NATIONAL ALUMINUM CO COLUMBUS
OHIO

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Appleton Electric Co 1701 Wellington Ave
Chicago 13 Ill
ATLAS ELECTRIC PRODS CO 319 TEN
EYCK ST BROOKLYN 6 NY
Benjamin Electric Co Des Plaines Ill
Curtis Lighting Inc 6135 W 65th St Chicago
38 Ill
Day-Brite Lighting Inc 5411 Bulwer Ave
St Louis 7 Mo
Eagle Electric Mfg Co 23-10 Bridge Plaza
Long Island City NY
Frank Corp 27-01 Bridge Plaza Long Island
City 1 NY
Garden City Plating & Mfg Co 1750 N Ash-
land Ave Chicago 22 Ill
Glasolier Co 307 Sixth St Bradlock Pa
Globe Lighting Prods Inc 1710 Flushing Ave
Brooklyn 37 NY
Guth (Edwin F) Co 2615 Washington St Louis
3 Mo
Holophane Co Inc 342 Madison Ave New York
17 NY
Home-Craft Electronic Prods 3828 N Kedzie
Ave Chicago 18 Ill
International Lighting Co 6511 Easton Ave
St Louis 14 Mo
Kirlin Co 3435 E Jefferson Detroit 7 Mich
Kraus (Walter S) Co 48-02 43rd St Woodside
73 NY
LaSalle Prods Inc 143 Seneca St Buffalo 3 NY
LIGHTOLIER CO 346 CLAREMONT AVE
JERSEY CITY NJ
Luminous Ceilings Inc 2500 W North Ave
Chicago 47 Ill
Markel Electric Prods Inc 129-149 Seneca St
Buffalo 3 NY
Marvin Mfg Co 317 E 12th St Los Angeles
23 Calif
Metallic Arts of New England 243 Broadway
Cambridge 35 Mass
MILLER CO 200 CENTER ST MERIDEN CONN
MOE LIGHT FORT ATKINSON WIS
Neo-Ray Prods Inc 313-23 East 22nd S New
York 10 NY
Pase & Seymour Inc 50 Boyd Ave Syracuse 9
NY
Progress Mfg Co Inc Castor & Tulp Ave
Philadelphia 34 Pa
PRYNE & CO INC 140 N TOWNE POMONA
CALIF
Pyle-National Co 1334 N Kostner Chicago 51
Ill
Silvray Lighting Inc 100 West Main St Bound
Brook NJ
Smoot-Holman Co 321 N Eucalyptus Ingle-
wood Calif
Stober Mfg Co 2700 Roosevelt Rd Broadview
Ill
Swain and Bridge 172 Stanley Ave New
Britain Conn
Swiveller Co Inc 43-34th St Brooklyn 32 NY
Virden (John C) Co 6009-6103 Longfellow
Cleveland Ohio
WESTINGHOUSE ELECTRIC CORP PO BOX
669 PITTSBURGH 30 PA
Wheeler Reflector Co 275 Congress St Boston
Mass

► FIXTURES, FLUORESCENT

Alco Mfg Co 4242 N Lincoln Chicago 18 Ill
ATLAS ELECTRIC PRODS CO 319 TEN
EYCK ST BROOKLYN 6 NY
Benjamin Electric Co Des Plaines Ill
Curtis Lighting Inc 6135 W 65th St Chicago
38 Ill
Day-Brite Lighting Inc 5411 Bulwer Ave
St Louis 7 Mo
Eagle Electric Mfg Co 23-10 Bridge Plaza
Long Island City NY
Fluorescent Fabricators Div 1825 Chouteau Ave
St Louis Mo
Fluorescent Lighting Co Montecello NY
Frank Corp 27-01 Bridge Plaza Long Island
City 1 NY
Garden City Plating & Mfg Co 1750 N Ash-
land Ave Chicago 22 Ill
Globe Lighting Prods Inc 1710 Flushing Ave
Brooklyn 37 NY
Great Northern Mfg Corp 1056 N Wood St
Chicago 22 Ill
Guth (Edwin F) Co 2615 Washington St Louis
3 Mo
Holophane Co Inc 342 Madison Ave New York
17 NY
Home-Craft Electronic Prods 3828 N Kedzie
Ave Chicago 18 Ill
Ingram-Richardson Mfg Co 32nd St Beaver
Falls Pa
International Lighting Co 6511 Easton Ave
St Louis 14 Mo
Kirlin Co 3435 E Jefferson Detroit 7 Mich
Lightmore Appliance Corp 59 Throop Ave
Brooklyn 6 NY
LIGHTOLIER CO 346 CLAREMONT AVE
JERSEY CITY NJ
Long (W H) Co 114 W Illinois Ave Chicago Ill
Luminous Ceilings Inc 2500 W North Ave
Chicago 47 Ill

MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1950 GRAND AVE MIDDLETOWN OHIO
 Mitchell Mfg Co 2525 N Clybourn Ave Chicago 14 Ill
 Modern Light and Equipment Co 3812 E Wash Chicago Ill
MOE LIGHT FORT ATKINSON WIS
 Neo-Ray Prods Inc 313-23 East 22nd S New York 10 NY
 Progress Mfg Co Inc Castor & Tulip Ave Philadelphia 34 Pa
 Silveray Lighting Inc 100 West Main St Bound Brook NJ
 Smithcraft Lighting Div Chelsea 50 Mass
 Smoot-Holman Co 321 N Eucalyptus Inglewood Calif
 Swivelor Co Inc 43-34th St Brooklyn 32 NY
 Sylvania Electric Prods Inc 1740 Broadway New York 19 NY
 Virden (John C) Co 6009-6103 Longfellow Cleveland Ohio
WESTINGHOUSE ELECTRIC CORP PO BOX 848 PITTSBURGH 30 PA
 Wheeler Reflector Co 275 Congress St Boston Mass
 Wiley (R & W) Inc 119 Dearborn St Buffalo 7 NY
WIREMOLD CO HARTFORD 10 CONN

► **FIXTURES, PLUMBING**

Abingdon Potteries Inc Abingdon Ill
ALLIANCEWARE INC BOX 409 ALLIANCE OHIO
AMERICAN RADIATOR & STANDARD SANITARY CORP BESSEMER BLDG PITTSBURGH 30 PA

AMERICAN-Standard
PLUMBING FIXTURES
mean easier selling!
SEE AD ON PAGE 52

Berger (Thomas W) Inc 6 E Fourth St Cincinnati Ohio
BRIGGS MFG CO 300 BUHL BLDG DETROIT 24 MICH
 Camden Pottery Div Universal-Rundle Corp Camden NJ
CASE (W A) & SON MFG CO 33 MAIN ST BUFFALO 3 NY
 Chicago Pottery Co 1920 N Clybourn Chicago 4 Ill
 Crane Co 836 E Michigan Chicago 8 Ill
 David-Maydole Tool Corp Hurlburt & Forsythe Norwich NY
 Douglas John Co 71st & B&O RR Cincinnati Ohio
ELJER CO 3 GATEWAY CENTER PITTSBURGH 33 PA
GERBER PLUMBING FIXTURES 232 N CLARK ST CHICAGO 1 ILL
 Glauber Brass Inc Kinman Ohio
 Hajoca Corp Walnut St at 31st Philadelphia Pa
 Harvey Machine Co Inc 19200 S Western Torrance Calif
 Home Essentials Corp 79 Cliff New York NY
 Humphreys Mfg Co 201 East 5th St Mansfield Ohio
 Ingersoll Prods Div Borg-Warner Corp 310 S Michigan Ave Chicago 4 Ill
KOHLER CO 44 HIGH ST KOHLER WIS
 Majestic Mfg Co 4550 Gustine St St Louis 16 Mo
 Mansfield Sanitary Pottery Inc Perrysville Ohio
MILWAUKEE FAUCETS INC 333 E RESERVOIR MILWAUKEE 12 WIS
MULLINS MFG CORP UNIVERSITY ST WARREN OHIO
 National Plumbing Fixture Corp S Second Elwood City Pa
 Ravenna Metal Prods Co 6518 Ravenna Seattle Wash
 Repeat Brass Mfg Co 2109 East 27th St Los Angeles Calif
 Republic Brass Co 1623 East 45th St Cleveland Ohio
RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ
 Robinson Clay Prods Co 65 West State St Akron 9 Ohio
 Schalbie Co 1086 Summer Cincinnati 4 Ohio
 Sherman (H B) Mfg Co 22 Barney St Battle Creek Mich
 Shobe & Co Inc Box 179 Mandan ND
 Smoot-Holman Co 321 N Eucalyptus Inglewood Calif
 Speakman Co 30th & Spruce Sts Wilmington 99 Del
 Strand (Carl A) Co 3341 N Adams Birmingham Mich

Streammaster Shower Corp 51 E 42nd St New York NY
THERMADOR ELECTRICAL MFG CO 5215 BOYLE VERNON CALIF
 Trenton Potteries Co 309 N Clinton Ave Trenton 1 NJ
 U S Porcelain Enamel Co 4635 E 52nd Dr Los Angeles 22 Cal
UNIVERSAL-RUNDLE CORP BOX 960 NEW CASTLE PA

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 • Accessories
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 New Castle, Pennsylvania

Wenzels Co 1625 E Euclid Ave Detroit 11 Mich
 Wilmington Casting Co 258 Charles St Wilmington Ohio
 Zurn (J A) Mfg Co Erie Pa

► **FIXTURES, SHOWER**

AMERICAN RADIATOR & STANDARD SANITARY CORP BESSEMER BLDG PITTSBURGH 30 PA
 Central Brass Mfg Co 2950 E 55th St Cleveland 27 Ohio
FIAT METAL MFG CO 9301 W BELMONT AVE FRANKLIN PARK ILL
 Glauber Brass Inc Kinman Ohio
 Harvey Machine Co Inc 19200 S Western Torrance Calif
MILWAUKEE FAUCETS INC 333 E RESERVOIR MILWAUKEE 12 WIS
 Ravenna Metal Prods Co 6518 Ravenna Seattle Wash
 Sanitary-Dash Co 11th St & 44th Rd Long Island City 1 NY
 Seovill Mfg Co 1655 Thonaston Av Waterville 14 Conn
 Speakman Co 30th & Spruce Sts Wilmington 99 Del
 Streammaster Shower Corp 51 E 42nd St New York NY

► **FIXTURES, STORE LIGHTING**

Alkeo Mfg Co 4242 N Lincoln Chicago 18 Ill
 Benjamin Electric Co Des Plaines Ill
 Curtis Lighting Inc 6135 W 65th St Chicago 38 Ill
 Fluorescent Fabricators Div 1825 Chouteau Ave St Louis Mo
 Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill
 Great Northern Mfg Corp 1056 N Wood St Chicago 22 Ill
 Kirlin Co 3455 E Jefferson Detroit 7 Mich
LIGHTOLIER CO 346 CLAREMONT AVE JERSEY CITY NJ
 Luminous Ceilings Inc 2500 W North Ave Chicago 47 Ill
 Mitchell Mfg Co 2525 N Clybourn Ave Chicago 14 Ill
MOE LIGHT FT ATKINSON WIS
 Silveray Lighting Inc 100 West Main St Bound Brook NJ
 Swivelor Co Inc 43-34th St Brooklyn 32 NY
 Sylvania Elec Prods Inc 1740 Broadway New York 19 NY
 Wheeler Reflector Co 275 Congress St Boston Mass

► **FIXTURES & MATERIALS, STORE DISPLAY**

Abacon Displays 60 E 10th New York 2 NY
 Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Alden Mfg Co 201 W Walnut St Painesville Ohio

Allied Display Materials Inc 65 Madison Ave New York 16 NY
ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF
 American Fixture and Mfg Co 2300 Locust Blvd St Louis Mo
 Brainard Industries Inc 152 S 15th St Lindenhurst LI NY
 Butler (B B) Mfg Co Inc 3150 Randolph Bellwood Ill
 Chicago Card Holder Co 844 Ridge Road Highland Park Ill
 Columbus Show Case Co 850 West 5th Columbus Ohio
 Curtis Cos American Plywood Div New London NY
 Equipto Div Aurora Equipment Co John & Prairie Sts Aurora Ill
 Erickson (C E Co) Inc 1440 Walnut St Des Moines Iowa
FORMICA CO 4514 SPRING GROVE CINCINNATI 32 OHIO
 Fuller Displays Inc 5-39 48th Ave Long Island City NY
 Fulton Glass Co Box 348 Hartford City Ind
 Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill
 Garrison Wagner Co 2018 Washington Ave St Louis 3 Mo
 Grand Rapids Store Equipment Co 1340 Monroe Ave NW Grand Rapids Mich
 Heller (W C) & Co 1059 Bryant St Montpelier Ohio
 Hirsch (S A) Mfg Co 8051 N Central Park Skokie Ill
 Interlock Metal Units Inc 50 Cliff New York NY
 Johnwood Co 13833 S Indiana Ave Chicago 27 Ill
 Joslin Displays Inc 105 Kingston Boston 11 Mass
 Kasson Die & Motor Corp 32-14 Northern Blvd Long Island City 1 NY
 Ken-Ro-Bill Co Van Buren Ohio
 Knappe & Vogt Mfg Co 658 Richmond NW Grand Rapids Mich
 Larson Co Ave G & C&NW RY Sterling Ill
 Lyon Metal Prods Inc 25 Montgomery St Aurora Ill
 M and D Display Corp 715 S Palm Ave Alhambra Calif
 Marcy (R) Associates 1776 Broadway New York NY
MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL
 May-Bilt Inc Frankfort Ky
 Multiplex Display Fixture Co 911-21 N 10th St St Louis 1 Mo
 National Sawdust Co Inc 60 N 6th St Brooklyn 11 NY
 Neo-Ray Prods Inc 313-23 East 22nd S New York 10 NY
 Plytes Corp 1731 Elston Ave Chicago 22 Ill
 Quensell Displays Inc 7123 Austin St Forest Hills NY
 Reeve (Hurum E) Co 2220 S Grand Los Angeles Cal
 Reflector Hardware Corp 2245 S Western Ave Chicago 8 Ill
 Ruslander & Sons Inc 18 Letchfield St Buffalo 3 NY
 Scheuer Creations Inc 307 W 38th St New York 18 NY
 Schwartz Showell Corp 842 Goodale Blvd Columbus 8 Ohio
 Sitka Spruce Lumber & Mfg Co 2500 Genesee Kansas City 8 Mo
 Stanford Wood Prods Co Box 238 Stanford Kentucky
 Stensgaard (W L) & Assoc Inc 346 N Justine Chicago Ill
 Store Engineering Co 52 E Myrtle Av Youngstown 7 Ohio
 Store Kraft Mfg Co Beatrice Neb
 Universal Equipment Co 3401 W Division Chicago Ill
 Universal Steel Equipment Corp 32 35 47th Ave New York 1 NY
 Wadell Co Inc Greenfield Ohio
 Warner Mfg Co 801-16th Ave SE Minneapolis Minn
 Warren (J D) Mfg Co Montpelier Ohio
 Weber Showcase & Fixture Co 5700 Avalon Blvd Los Angeles 51 Cal
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa

► **FLASHING, ALUMINUM**

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
ALUMINUM CO OF AMERICA 1501 ALCOA BLDG PITTSBURGH 19 PA
 Berger Corp Belle Vernon Pa
 Farwell Metal Fabricating Div Farwell Oaman Kirk & Co Fairfield & Walter St Paul 1 Minn
 Giehner Inc 1900 Kendall NE Washington 2 DC
 Heckmann Building Prods Co 4018 West Lake Chicago 24 Ill
KAISER ALUMINUM & CHEMICAL SALES 1924 BROADWAY OAKLAND 12 CALIF
 Metal Tile Prods Inc 225 E Walnut St Hastings Mich
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA



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MATERIALS HOISTING

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Shown here are but a few of the hundreds of job applications for ADVANCE — the tubular steel scaffold that goes up faster, without tools . . . stands more rigid . . . provides greater safety . . . dismantles far easier—without lost parts.

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There are differences in stone. Perhaps the most striking is in coloring and appearance. Another difference is the ease with which the stone may be laid. Or to put it another way, how much time and money you spend after you have purchased the stone.

Briar Hill Golden Tone Sandstone excels on both counts. *Nowhere will you find stone with more delicate natural colors.* Briar Hill natural sandstone, quarried in Ohio, graces some of the most beautiful homes in the nation. People in New England, in Virginia, in Iowa—all over the country—are happy to pay freight charges to get this superior stone.

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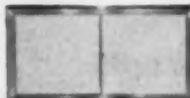
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Horizontal Sliding Window

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Basecoat Window

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Cherry and James Streets
East Hartford, Connecticut

When it comes to the Built-ins—

Home Buyers Look for DRAWERS that GLIDE OPEN at a TOUCH!



There's a Fast, Easy, Inexpensive
Way to Provide This—

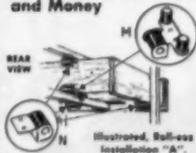
Install **Roll-ez**
Trade Mark

The World's Finest Roller Bearings
for Wooden Drawers

IN YOUR BUILT-INS

NOW! Roll-ez are equipped
with Lifetime NYLON® Rollers

**Simplicity of
Installation Saves Time
and Money**



Two Roll-ez "N" nailed to rail at drawer opening. Third one nailed on drawer back under center guide. Guide Roll-ez "M" on bottom back edge of drawer straddles lower center guide.

• Roll-ez "M", "N", & "N" are equipped with NYLON rollers.

More often than not, it's the *conveniences* in a home that attract the women and help to swing the buying decision in your favor. You get just such a sales clincher when you equip built-ins with Roll-ez Roller Bearings for Wooden Drawers. For drawers equipped with these tough, durable NYLON® rollers glide open to full extension at a touch... never stick or bind *even in hot, humid weather!* Made in nine styles, they eliminate friction of wood-against-wood and keep drawers rolling straight... may be used in many ways and combinations. Very low in price. Easy to install. Roll-ez also work magic in remodeling jobs.

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REYNOLDS METALS CO BUILDING PRODS
DIV 2001 S NINTH ST LOUISVILLE 1 KY

▶ FLASHING, BLOCK & FORMS

Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY

▶ FLASHING, COPPER

AMERICAN BRASS CO 414 MEADOW ST WATERBURY 20 CONN
AMERICAN SISALKRAFT CORP 55 STARK-EY AVE ATTLEBORO MASS
ANGIER CORP FOUNTAIN ST FRAMING-HAM MASS
Badger Corrugating Co 1801 West Ave So La Crosse Wis
REPUBLIC STEEL CORP BERGER DIV 1038 BELDEN AVE NE CANTON 5 OHIO
Bridgeport Brass Co 39 Grand St Bridgeport 2 Conn
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
CHASE BRASS AND COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
Cheney Metal Prods Co 623 Prospect St Trenton 5 NJ
Farwell Metal Fabricating Div Farwell Ozmun Kirk & Co Fairfield & Walter St Paul 1 Minn
Giehner Inc 1900 Kendall NE Washington 2 DC
Heckmann Building Prods Co 4018 West Lake Chicago 24 Ill
Honey (C G) & Co 2860 Second Ave Pitts-burgh 19 Pa
Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
REVERE COPPER & BRASS INC 230 PARK AVE NEW YORK 17 NY
Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
Wasco Flashing Co 87 Fawcett St Cambridge Mass

▶ FLASHING, METAL, GALVANIZED

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN STEEL & WIRE DIV US STEEL CORD 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
Badger Corrugating Co 1801 West Ave So La Crosse Wis
Berger Corp Belle Vernon Pa
REPUBLIC STEEL CORP BERGER DIV 1038 BELDEN AVE NE CANTON 5 OHIO
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
Central Prods Co 57 Forest St Battle Creek Mich
Cheney Metal Prods Co 623 Prospect St Trenton 5 NJ
Continental Steel Corp 1109 S Main St Kokomo Ind
Farwell Metal Fabricating Div Farwell Ozmun Kirk & Co Fairfield & Walter St Paul 1 Minn
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
FOLLANSBEE STEEL CORP 140 STANWIX ST PITTSBURGH 22 PA
Gary-Pioneer Steel Corp Gary Ind
Giehner Inc 1900 Kendall N E Washington 2 DC
Heckmann Building Prods Co 4018 West Lake Chicago 24 Ill
Illinois Zinc Co 2959 W 47th St Chicago 32 Ill
INLAND STEEL PRODS CO 4111 W BURN-HAM MILWAUKEE WIS
La Crosse Steel Roofing Co 227 Jay St La Crosse Wis
Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn
Newport Steel Corp 9th & Lowell Sts Newport Ky
Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash
Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
Republic Steel Corp Republic Bldg Cleveland 1 Ohio
Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
SAINT PAUL CORRUGATING CO 8 END WABASHA ST ST PAUL 1 MINN
Tennison Bros Inc 450 N Bellevue Memphis 1 Tenn
Wheeling Corrugating Co 1134 Market St Wheeling W Va

▶ FLASHING, PAPER TREATED

AMERICAN SISALKRAFT CORP 55 STARK-EY AVE ATTLEBORO MASS

ANGIER CORP FOUNTAIN ST FRAMING-HAM MASS

Barrett Div Allied Chemical and Dye Corp 40 Rector St New York 6 NY
Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 NY
Lehon Co Madison at 25th Ave Bellwood Ill
Protective Papers Inc Union Ill
Richkraft Co 510 N Dearborn St Chicago 10 Ill

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BRUCE (E L) CO 1648 THOMAS BX 397 MEMPHIS 1 TENN
Cincinnati Floor Mfg Co 4775 Eastern Ave Cincinnati 26 Ohio
CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS
Cromar Co Susquehanna St Williamsport Pa
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Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
Harris Mfg Co Grover at Walnut Johnson City Tenn
Higgins Industries Inc PO Box 8169 New Orleans 22 La
Holt Hardware Co De Witt St Oconto Wis
Hurtshoro Oak Flooring Co Inc Hurtsboro Ala
Memphis Hardwood Flooring Co 1501 Thomas St Memphis 7 Tenn
Miller Bros Co PO Box 540 Johnson City Tenn
Nickey Bros Inc 2700 Summer Ave Memphis Tenn
North Branch Flooring Co 2415 W Barry Ave Chicago Ill
Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
Republic Creosoting Co Merchant Bank Bldg Indianapolis 4 Ind
Ritter (W M) Lbr Co 115 E Rich St Columbus 15 Ohio
Robbins Flooring Co Reed City Mich
Stuart Lumber Corp Stuart 10 Va
Twin City Hardwood Lumber Co 509 Cleveland Av St Paul 14 Minn
Virginia Oak Flooring Co Inc PO Box 969 Pulaski Va
Wells (J W) Lbr Co 2231 10th St Menominee Mich
Yawkey-Bissell Hardwood Flooring Co White Lake Wis

▶ FLOORING, CORK

ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
Cork Insulation Co Inc 730-5th Ave New York 19 NY
KENTILE INC 58 SECOND AVE BROOK-LYN 15 NY

▶ FLOORING, FIR

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
Agnew Lumber Co 903 B St Centralia Wash
Baheok Lumber Co Frick Bldg Pittsburgh 19 Pa
Canadian Western Lumber Co Ltd 15 King Edward Ave New Westminster BC Can
Giustina Bros Lumber Co Box 989 Eugene Ore
Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
Johnson (C D) Lumber Co American Bank Bldg Portland Oregon
LONG-BELL LUMBER CO 926-S GRAND AVE KANSAS CITY 6 MO
Macmillan and Bloedel Ltd 837 Hastings St Vancouver BC Can
Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
Weyerhaeuser Sales Co Tacoma Building Tacoma 1 Wash

▶ FLOORING, HARDWOOD, BEECH

Anderson-Tully Co PO Box 28 Memphis Tenn
Arkansas Oak Flooring Co 2200 W Fifth Ave Pine Bluff Ark
Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN

Central Oak Prods Co 24th Ave 'N' & Clifton Nashville Tenn
Cook (F C) & Co 1208-13 Munsey Bldg Baltimore 2 Md
Cotton & Hanlon Odessa NY
CROSSETT LUMBER CO CROSSETT ARK
DeSoto Hardwood Flooring Co 977 Sledge Ave Memphis Tenn
FAIR (D L) LUMBER CO BOX 309 LOUIS-VILLE MISS
Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
Hardwood Corp of America PO Box 1091 Asheville NC
Harris Mfg Co Grover at Walnut Johnson City Tenn
Haywood-Wakefield Co Conifer Lumber Mills Conifer NY
Holt Hardwood Co De Witt St Oconto Wis
Kenova Hardwood Flooring Co Wood Street Kenova W Va
Marsh Lumber Co Inc 535 S Tuscarawas Dover Ohio
Mcminnville Mfg Co PO Box 151 McMinnville Tenn
Meadow River Lumber Co Box 245 Rainelle W Va
Miller and Co Inc Selma Ala
Mobile River Saw Mill Co Mt Vernon Ala
Monterey Hardwood Flooring Co Monterey Tenn
Mower Lumber Co PO Box 2151 Charleston 28 W Va
Owen (R C) Co Hopkinsville Ky
Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
Robbins Flooring Co Reed City Mich
Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
Southern Lumber Co PO Box 510 Warren Ark
Tibbals Flooring Co Oneida Tenn
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
Veach-May-Wilson Inc Alcoa Tenn
Webster (H E) Lumber Co 1215 R A Long Bldg Kansas City 6 Mo
Williams & Voris Hardwood Co Jackson Miss

▶ FLOORING, HARDWOOD, BIRCH

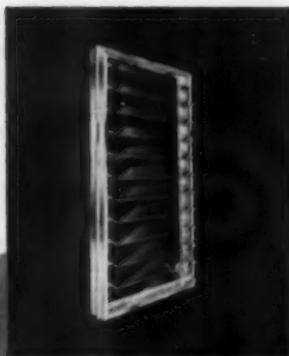
ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS
Cotton & Hanlon Odessa NY
Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
Hardwood Corp of America PO Box 1091 Asheville NC
Haywood-Wakefield Co Conifer Lumber Mills Conifer NY
Holt Hardwood Co De Witt St Oconto Wis
Horner Flooring Co Box 104 Dollar Bay Mich
Meadow River Lumber Co Box 245 Rainelle W Va
Mower Lumber Co PO Box 2151 Charleston 28 W Va
Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
Robbins Flooring Co Reed City Mich
Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
Veach-May-Wilson Inc Alcoa Tenn

▶ FLOORING, HARDWOOD, FIBER

Roc-Wood Flooring Industries 907 N Larrabee Chicago 10 Ill

▶ FLOORING, HARDWOOD, MAPLE

Baheok Lumber Co Frick Bldg Pittsburgh 19 Pa
Central Oak Prods Co 24th Ave 'N' & Clifton Nashville Tenn
CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS
Cook (F C) & Co 1208-13 Munsey Bldg Baltimore 2 Md
Cotton & Hanlon Odessa NY
Cromar Co Susquehanna St Williamsport Pa
Farrin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn



NEW "WARE-TITE" GLASS JALOUSIES AND DOORS

You will agree by test and by comparison "Ware-Tite" is the tightest closing jalousie.

Completely weatherstripped—floating stainless steel weather cushion at jambs; neoprene at head and sill.

Specially designed travel bar equalizes leverage, sealing louvers.

New Sure-Lock spring clip holds glass firmly.

120° opening range for easy cleaning and increased air flow

Space saver—KD packing enables saving in transportation and storage.

Quick assembly—only 8 screws.

Adjustable—widths can be reduced at job site for exact opening.

Heavy-duty crank operator.

Sturdy construction, deep frame 3/4".

Standard Metal Window Institute sizes—special sizes available on request.

PRIME WINDOWS—BREEZEWAYS—PORCHES



RESIDENTIAL CASEMENTS

The window with the "earned" reputation.

COMPARE:

DESIGN—DIMENSIONS

Deeper sections 1 3/32";

Wider Faces 31/32".

For strength—3/16" ventilator web.

Wide double contact weathering surfaces.

Putty retaining serrations—water tight lip.

Complete accessories—

Mullions—Hardware—Screens.

Storm Sash interchangeable with screens.

Smooth precision welded corners

Chemically cleaned for beauty.

Lacquered per FHA specifications.

PICTURE WINDOWS—

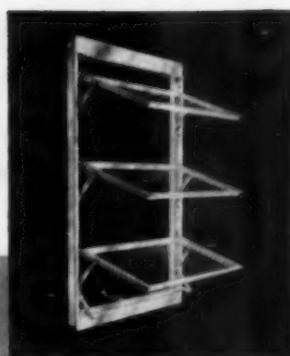
FIXED—BASEMENTS—

BOTTOM VENTILATORS

BULLSEYE—SUNBURST—

HOPPERS

67 Standard and Modular Sizes.



WARE AWNING WINDOW Weatherstripped

For residential, institutional and commercial construction.

Weatherstripped by Koroseal—locked in extruded channel—unexposed to weather.

Operator concealed in sill—no exposed gears—no field installation required.

Synchronized operating force at center of sill eliminates torque lag and racking—smart tilted crank clears any stool.

Ventilators of each window equal height and drop for easy inside cleaning.

Snap-on glazing bead available

All windows chemically cleaned, etched and lacquered per FHA requirements.

Storm sash interchangeable with screens.

Standard and modular sizes—special sizes on request.

WARE

a full line + regional warehousing

from the soaring sales potential of Aluminum Windows



A full line of quality windows from a single, dependable source—with prompt delivery assured by Ware's regional warehouses in HOUSTON, ATLANTA, NEWARK, and CHICAGO.

Backed by a powerful national advertising program. See your distributor or dealer, or write Dept. AB-4.



ECON-O-WARE AWNING

America's economy awning window.

**FUNCTIONAL—
PRACTICAL—
TROUBLE FREE**

DISTINCTIVE FEATURES

Underscreen operator—
Complete screen protection.

Positive locking—
Selective ventilation.

All-weather awning
protection.

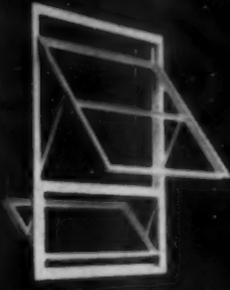
Attractive horizontal
sight lines.

Sturdy flash-welded corners
—stainless steel bushings.

Seals tight with leverage—
ventilators controlled at
center permitting
even weathering.

Installation similar to
casements— $1\frac{1}{8}$ " Z bar
Quality with economy.

12 stock operating sizes—
12 stock Picture Window
and Fixed sizes.



PROJECTED— ARCHITECTURAL AND INTERMEDIATE

For hospitals, schools,
commercial and residential
construction.

Selected weathering—
optional weatherstripping.

Double glazing without
adapters.

Inside or outside glazing.

Rugged monumental
construction.

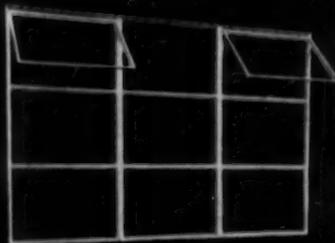
Adjustable friction shoe
with pressure spring fully
inclosed.

Reinforced corners at pivot
points.

Simplicity of design insures
trouble-free life.

A superior window
designed and built to meet
today's exacting specifications.

*Standard AWMA sizes
available—special sizes on
request.*



ECON-O-WALL AWNING

9 Standard windows—unlimited
combinations

ECW Nos. 1110, *11
3'-1 15/16" x 2'-1 15/16"

ECW Nos. 1210, 1211, *12
3'-1 15/16" x 4'-2 3/4"

ECW Nos. 1310, 1311, 1312, *13
3'-1 15/16" x 6'-3 9/16"

*11, 12 and 13 Fixed Windows

A modern window for modern living.
Variable venting arrangements.
Highly weatherproof—seals tight.
Complete screen protection—underscreen
operator.
Positive lock—trouble-free performance.
Standard Thermopane or equal can be
used throughout
Special glazing adapters not needed.
More light—more ventilation—more beauty.
Meets any building budget.

Aluminum Windows

+ proven value = more profit



Ware Laboratories, Inc.

3700 N.W. 25th St., Miami, Florida

WARE

MEMBER OF THE ALUMINUM WINDOW
MANUFACTURERS ASSOCIATION

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 Harris Mfg Co Grover at Walnut Johnson City Tenn
 Heywood-Wakefield Co Conifer Lumber Mills Conifer NY
 Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
 Holt Hardwood Co De Witt St Oconto Wis
 Horner Flooring Co Box 104 Dollar Bay Mich
 Lightsey Bros Miley SC
 Marsh Lumber Co Inc 535 S Tuscarawas Dover Ohio
 McMinville Mfg Co PO Box 151 McMinville Tenn
 Meadow River Lumber Co Box 245 Rainelle W Va
 Monterey Hardwood Flooring Co Monterey Tenn
 Mower Lumber Co PO Box 2151 Charleston 28 W Va
 Nickey Bros Inc 2700 Summer Ave Memphis Tenn
 North Branch Flooring Co 2415 W Barry Ave Chicago Ill
 Owen (R C) Co Hopkinsville Ky
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Robbins Flooring Co Reed City Mich
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Scottsdale Wood Prods Inc PO Box 36 Scottsdale Pa
 Tibbals Flooring Co Oneida Tenn
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 Veach-May-Wilson Inc Alcoa Tenn
 Webster (H E) Lumber Co 1215 R A Long Bldg Kansas City 6 Mo
 Wells (J W) Lumber Co 2231 10th St Menominee Mich
 Wells (J W) Lumber Co of Alabama 2231 10th St Montgomery 1 Ala
 Williams & Voris Hardwood Co Jackson Miss
 Yawkey-Bissell Hardwood Flooring Co White Lake Wis

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 Babcock Lumber Co Frick Bldg Pittsburgh 19 Pa
 Barnes Lumber Corp Charlottesville Va
 Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
BRUCE (E L) CO 1448 THOMAS BOX 397 MEMPHIS 1 TENN
 Caromies Lumber Co Summerville SC
 Carpenter Oak Flooring Co 908 N 40th St Birmingham Ala
 Central Oak Prods Co 24th Ave 'N' & Clifton Nashville Tenn
 Chapman and Dewey Lumber Co Memphis Tenn
**CLOUD OAK FLOORING CO 1916 N WEL-
 LER SPRINGFIELD MO**
**CONNOR LUMBER & LAND CO 231
 THOMAS ST WAUSAU WIS**
 Cook (A B) Co Maize Ark
 Cook (F C) & Co 1208-13 Munsey Bldg Baltimore 2 Md
 Cotton & Hanlon Odessa NY
CROSSETT LUMBER CO CROSSETT ARK
 DeSoto Hardwood Flooring Co 977 Sledge Ave Memphis Tenn
 Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
 Edens-Birch Lumber Co Box B Corrigan Texas
 Exchange Sawmills Sales Co R A Long Bldg Kansas City 6 Mo
**FAIR (D L) LUMBER CO BOX 309 LOUIS-
 VILLE MISS**
 Farrin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Fordyce Crossett Lumber Co Fordyce Ark
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
**GEORGIA-PACIFIC PLYWOOD CO 600 N
 CAPITOL WAY OLYMPIA WASH**
 Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
 Hardwood Corp of America PO Box 1091 Asheville NC
 Harris Mfg Co Grover at Walnut Johnson City Tenn
 Higgins Industries Inc PO Box 8169 New Orleans 22 La
 Holt Hardwood Co De Witt St Oconto Wis
 Hutton & Bourbonnais Co Box 330 Hickory NC
 Kendall Lumber Corp Grant Bldg Pittsburgh 19 Pa
 Lancaster Corp Fort Worth Texas

Lanham Hardwood Flooring Co 12th & Magnolia St Louisville 19 Ky
 Leathers (A H) Mfg Co Box 29 Dickson Tenn
 Lightsey Bros Miley SC
**LONG-BELL LUMBER CO 926-8 GRAND
 AVE KANSAS CITY 6 MO**
 Marsh Lumber Co Inc 535 S Tuscarawas Dover Ohio
 McMinville Mfg Co PO Box 151 McMinville Tenn
 Meadow River Lumber Co Box 245 Rainelle W Va
 Merit Oak Flooring Co 4530 Georgia Road Birmingham Ala
 Miller Bros Co PO Box 540 Johnson City Tenn
 Miller and Co Inc Selma Ala
 Mobile River Saw Mill Co Mount Vernon Ala
 Monterey Hardwood Flooring Co Monterey Tenn
 Mower Lumber Co PO Box 2151 Charleston 28 W Va
 Nickey Bros Inc 2700 Summer Ave Memphis Tenn
 North Branch Flooring Co 2415 W Barry Ave Chicago Ill
 Owen (R C) Co Hopkinsville Ky
 Ozark Oak Flooring Co Bismarck Mo
 Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Robbins Flooring Co Reed City Mich
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Scottsdale Wood Prod Inc PO Box 36 Scottsdale Pa
 Southern Lumber Co PO Box 510 Warren Ark
 Southern Pine Lumber Co Diboll Texas
 Stewart (E A) Lumber Co Inc PO Box 1777 Texarkana Texas
 Texoak Flooring Co PO Box 480 Crockett Texas
 Tibbals Flooring Co Oneida Tenn
 Triplet Lumber Co Inc PO Box 738 Lenoir NC
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 Veach-May-Wilson Inc Alcoa Tenn
 Webster (H E) Lumber Co 1215 R A Long Bldg Kansas City 6 Mo
 Wells (J W) Lumber Co 2231 10th St Menominee Mich
 Wells (J W) Lumber Co of Alabama Montgomery 1 Ala
 Westcott (J D) & Son Box 747 Williamson W Va
 Williams & Voris Hardwood Co Jackson Miss
 Williams (J L) & Sons Sheridan Ark
 Yawkey-Bissell Hardwood Flooring Co White Lake Wis

► FLOORING, HARDWOOD, PECAN

Anderson-Tully Co PO Box 28 Memphis 10 Tenn
 Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
**GEORGIA-PACIFIC PLYWOOD CO 600 N
 CAPITOL WAY OLYMPIA WASH**
 Miller and Co Inc Selma Ala
 Mobile River Saw Mill Co Mount Vernon Ala
 Owen (R C) Co Hopkinsville Ky
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn

► FLOORING, HARDWOOD, PRE-FINISHED

Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
**BRUCE (E L) CO 1448 THOMAS BOX 397
 MEMPHIS 1 TENN**
 Cincinnati Floor Mfg Co 4775 Eastern Ave Cincinnati 26 Ohio
 Cromar Co Susquehanna St Williamsport Pa
**FAIR (D L) LUMBER CO BOX 309 LOUIS-
 VILLE MISS**
 Higgins Industries Inc PO Box 8169 New Orleans 22 La
 Memphis Hardwood Flooring Co 1591 Thomas St Memphis 7 Tenn
 Parkway Inc 5060 Crittenden Dr Louisville 9 Ky
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Southern Lumber Co PO Box 510 Warren Ark
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn

► FLOORING, MARBLE

Vermont Marble Co Proctor Vt

► FLOORING, PARQUETRY

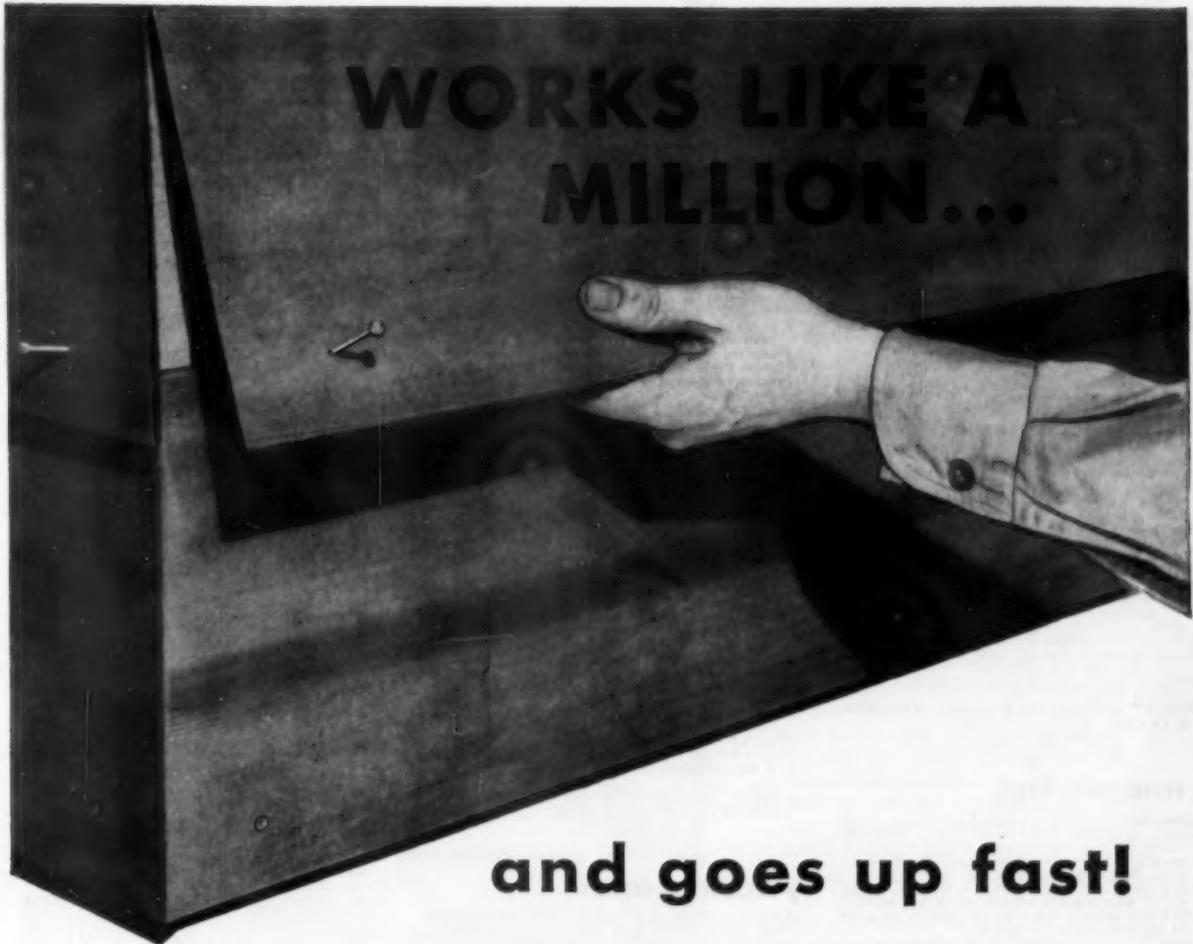
Barger (P M) Lumber Co Statesville NC
 Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
**BRUCE (E L) CO 1448 THOMAS BOX 397
 MEMPHIS 1 TENN**
**CONNOR LUMBER & LAND CO 231
 THOMAS ST WAUSAU WIS**
 Cromar Co Susquehanna St Williamsport Pa
**FAIR (D L) LUMBER CO BOX 309 LOUIS-
 VILLE MISS**
**GEORGIA-PACIFIC PLYWOOD CO 600 N
 CAPITOL WAY OLYMPIA WASH**
 Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
 Harris Mfg Co Grover at Walnut Johnson City Tenn
 Higgins Industries Inc PO Box 8169 New Orleans 22 La
 Parkway Inc 5060 Crittenden Dr Louisville 9 Ky
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Robbins Flooring Co Reed City Mich
 Scottsdale Wood Prods Inc PO Box 36 Scottsdale Pa
 Stuart Lumber Corp Stuart 10 Va
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 Virginia Oak Flooring Co Inc PO Box 969 Pulaski Va

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Angelina County Lumber Co Keltys Texas
 Argent Lumber Co Hardeeville SC
 Babcock Lumber Co Frick Bldg Pittsburgh 19 Pa
 Barnes Lumber Corp Charlottesville Va
 Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
 Brooks-Scanlon Inc Box 1111 Bend Ore
CROSSETT LUMBER CO CROSSETT ARK
 Dargen Lumber Mfg Co Conway SC
 Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
**FAIR (D L) LUMBER CO BOX 309 LOUIS-
 VILLE MISS**
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Frost Hardwood Floors Inc Shreveport La
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
**GEORGIA-PACIFIC PLYWOOD CO 600 N
 CAPITOL WAY OLYMPIA WASH**
 Hurlburo Oak Flooring Co Inc Hurlburo Ala
 Hutton & Bourbonnais Co Box 330 Hickory NC
 Lightsey Bros Miley SC
**LONG-BELL LUMBER CO 926-8 GRAND
 AVE KANSAS CITY 6 MO**
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 Miller and Co Inc Selma Ala
 Miller (T R) Mill Co 402 Deer St Brewton Ala
 Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Veach-May-Wilson Inc Alcoa Tenn
 Weyerhaeuser Sales Co Tacoma Building Tacoma 1 Wash

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Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Anderson-Tully Co PO Box 28 Memphis 10 Tenn
 Arkansas Oak Flooring Co 2209 W Fifth Ave Pine Bluff Ark
 Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
**BRUCE (E L) CO 1448 THOMAS BOX 397
 MEMPHIS 1 TENN**
 Cincinnati Floor Mfg Co 4775 Eastern Ave Cincinnati 26 Ohio
**CLOUD OAK FLOORING CO 1916 N WEL-
 LER SPRINGFIELD MO**
 Cotton & Hanlon Odessa NY
 DeSoto Hardwood Flooring Co 977 Sledge Ave Memphis Tenn
**FAIR (D L) LUMBER CO BOX 309 LOUIS-
 VILLE MISS**
 Farrin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
 Frost Hardwood Floors Inc Shreveport La
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
**GEORGIA-PACIFIC PLYWOOD CO 600 N
 CAPITOL WAY OLYMPIA WASH**
 Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
 Harris Mfg Co Grover at Walnut Johnson City Tenn
 Holt Hardwood Co De Witt St Oconto Wis
 Lanham Hardwood Flooring Co 12th & Magnolia St Louisville 19 Ky
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and goes up fast!

WESTERN RED CEDAR SIDING

An easy money maker for builders is Western Red Cedar Siding. It goes up fast and works excellently, resists splitting, shrinking and warping...and requires only the usual application method. It decorates beautifully with paints, stains or pigmented sealers. Western Red Cedar Siding has given quality performance to generations of home owners.

Joints Stay Tight. Western Red Cedar is famous for little or no shrinkage.



In addition to its natural thrifty character, Western Red Cedar Siding creates an atmosphere of "built-in" smartness and individuality . . . fine qualities that are important points in selling today's critical home buyers.

Western Red Cedar Siding is precision manufactured in six sizes and four grades. For further information: Write Dept. 106.

WESTERN
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 LUMBER
 ASSOCIATION

4403 WHITE-HENRY-STUART BUILDING, SEATTLE 1, WASHINGTON

Meadow River Lumber Co Box 245 Rainelle W Va
 Memphis Hardwood Flooring Co 1591 Thomas St Memphis 7 Tenn
 Miller Bros Co PO Box 540 Johnson City Tenn
 Nickey Bros Inc 2700 Summer Ave Memphis Tenn
 North Branch Flooring Co 2415 W Barry Ave Chicago Ill
 Owen (R C) Co Hopkinsville Ky
 Parkway Inc 5000 Crittenden Dr Louisville 9 Ky
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Rose (D M) & Co Rose Pl Knoxville 4 Tenn
 Scottdale Wood Prods Inc PO Box 36 Scottsdale Pa
 Serviced Prods Corp 6051 W 65th St Chicago 38 Ill
 Twin City Hardwood Lumber Co 509 N Cleveland Av St Paul 14 Minn
 Virginia Oak Flooring Co Inc PO Box 969 Pulaski Va
 Williams-Brownell Inc PO Box 1091 Asheville NC

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ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 Camp Co Inc 6958 S State Chicago 21 Ill
 Flash-Stone Co Inc 3723 Pulaski Ave Philadelphia 40 Pa
 Fremont Rubber Co 350 McPherson Hwy Fremont Ohio
 Goodrich (B F) Co Flooring Div 36 Nichols Ave Watertown 72 Mass
GOODYEAR TIRE & RUBBER CO 1485 E ARCHWOOD AKRON 16 OHIO
 Mitchell Rubber Prods Inc 2114 San Fernando Los Angeles 65 Cal
 RCA Rubber Co 1833 E Market St Akron 6 Ohio
 Robbins Floor Prods Inc Tusculum Ala
 United States Rubber Co 1230 Ave of Americas New York 20 NY
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
WRIGHT MFG CO PO BOX 6567 HOUSTON 5 TEXAS

▶ FLOORING, STEEL

Aeme Steel Co 2840 Archer Ave Chicago 8 Ill
 Arneo Drainage and Metal Prods Inc 703 Curtis St Middletown Ohio
 Blaw-Knox Equip Div Blaw-Knox Co Farmers Bank Bldg Pittsburgh 30 Pa
COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
 Dravo Corp Dravo Bldg Pittsburgh 22 Pa
 Inland Steel Co 38 S Dearborn St Chicago 3 Ill
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
 Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa
 Mahon (R C) Co PO Box 4666 Detroit 34 Mich
 Rigidized Metals Corp 658 Ohio St Buffalo 3 NY
 Ryerson (Joseph T) & Son 2558 W 16th St Chicago 30 Ill
UNITED STATES STEEL CORP 525 WILIAM PENN PL PITTSBURGH 30 PA
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
 Wood (Alan) Steel Co Ivy Rock Rd Conshohocken Pa

▶ FLOORING, SUB-COMPOSITE

American Mason Safety Tread Co 125 Perry St Lowell Mass
 Barrett Div Allied Chemical and Dye Corp 40 Rector St New York 6 NY
 Camp Co Inc 6958 S State Chicago 21 Ill

▶ FLOORING UNDERLAYMENT

Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill
 Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 Acrocc Prods Div Uvalde Rock Asphalt Co Box 531 San Antonio 6 Tex
 Barrett Div Allied Chemical and Dye Corp 40 Rector St New York 6 NY
 Camp Co Inc 6958 S State Chicago 21 Ill
 Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
 Consumers Glue Co 1515 Hadley St Louis 6 Mo
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa

FLINTKOTE CO 20 ROCKEFELLER PLAZA NEW YORK 20 NY
 Forest Fiber Prods Corp Box 68 A E Forest Grove Ore
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 16 NY
 Keystone Asphalt Prods Co 191 E Ontario St Chicago 11 Ill
 Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL
MEADOWS (W R) INC 2 KIMBALL ELGIN ILL
MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 23 NY
 National Plywoods Inc 2710 Throop St Chicago Ill
 Pabeo Prods Inc 475 Brannan St San Francisco Cal
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Pioneer Lates & Chemical Co Inc Lincoln Blvd Middlesex NJ
 Plaswood Corp 18263 Hartwell Detroit 35 Mich
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Protective Papers Inc Union Ill
 Selby Battersby & Co 5220 Whittby Ave Philadelphia 43 Pa
 Sloane-Delaware Floor Prods Inc PO Box 401 Trenton 3 NJ
SOUTHERN PLYWOOD CORP PO BOX 123 HOPE ARK
 Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio
 Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
 Thomas Moulding Floor Co Inc 325 West Huron St Chicago 10 Ill
 Tile-Tex Div Flintkote Co 1290 McKinley Ave Chicago Hts Ill
 Tremco Mfg Co 8701 Kinsman Rd Cleveland Ohio
 Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY
 Tufferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
 Twin City Hardwood Lumber Co 509 N Cleveland Av St Paul 14 Minn
 United Laboratories Inc 16801 Euclid Ave Cleveland 12 Ohio
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

▶ FLOOR POLISHERS

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
 Atlas Floor Surfacing Machinery Co 248 East 34th St New York 16 NY
 Cincinnati Electric Tool Co Madison and Edward Cincinnati 8 Ohio
 Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich
 Dumore Co 1390-17th Racine Wis
 Florbass-Habit Co 4181 W Montrose Chicago 41 Ill
 Johnson (S C) & Co Inc 1525 Howe St Racine Wis
 Kent Co Inc 351 Canal St Rome NY
 Lincoln-Schlueter Floor Machine 1250 W Van Buren Chicago 7 Ill
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE PITTSBURGH 22 PA
 Puritan Chemical Co 916 Ashby Str NW Atlanta Ga
 Tennant (G H) Co 2566 N Second St Minneapolis Minn

▶ FLOOR RESURFACERS

Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill
 Adensite Co 37-19 23rd St Long Island City NY
 American Fluoresc Co 4011 Red Bank Rd Cincinnati 27 Ohio
 Anti Hydro Waterproofing Co 265 Badger Ave Newark 8 NJ
 Atlas Floor Surfacing Machinery Co 248 East 34th St New York 16 NY
 Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY
 Camp Co Inc 6958 S State Chicago 21 Ill
 Ceresit Waterproofing Corp 3227 S Shields Ave Chicago Ill
 Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich
 Concrete Weld Co 5186 E Coldwater Flint Mich
 Continental Asbestos & Refining Corp 1 Madison Ave New York 10 NY
 Evercrete Corp 424 W 42nd St New York 18 NY
 Flash-Stone Co Inc 3723 Pulaski Ave Philadelphia 40 Pa
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa

Florboss-Habit Co 4181 W Montrose Chicago 41 Ill
GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
 Haynes Prods Co 4007 Farnam St Omaha 3 Neb
 Lincoln-Schlueter Floor Machine Co 1250 W Van Buren Chicago 7 Ill
 Macore (Walter) Co Inc 60 East 42nd St New York NY
 Master Builders Co 7016 Euclid Ave Cleveland 3 Ohio
 Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio
 Reardon Co 7501 Page Ave St Louis 14 Mo
 Rock-Tred Corp 7440 N St Louis Skokie Ill
 Roe-Wood Flooring Industries 907 N Larrabee Chicago 10 Ill
 Selby Battersby & Co 5220 Whittby Ave Philadelphia 43 Pa
 Sonneborn & Sons Building Products Div 404 Fourth Ave New York 16 NY
 Spray-On-Bond Co 2225 N Humboldt Milwaukee 12 Wis
 Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo
 Stonhard Co 1306 Spring Garden Philadelphia 23 Pa
 Sullivan Co The 212 E Trigg Memphis Tenn
 Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio
 Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
 Tennant (G H) Co 2566 N Second St Minneapolis Minn
 Tremco Mfg Co 8701 Kinsman Rd Cleveland Ohio
 Trucon Driveway Service 2157 S Park Ave Buffalo 20 NY
 Trusecon Laboratories Div Devore Reynolds Co Caniff at Grand Trunk Detroit 11 Mich
 Tufferete Co Inc 552 Teachout Bldg Des Moines 9 Ia
 Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
 United Laboratories Inc 16801 Euclid Ave Cleveland 12 Ohio
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Wilson-Imperial Co 115 Chestnut St Newark 5 NJ

▶ FLOORS & CEILINGS, PRE-CAST, CONCRETE UNIT

Alabama Cement Tile Co 309 S 41st St Birmingham 1 Ala
 Flexicore Co Inc 1932 E Monument Av Dayton 1 Ohio
 Permacrete Prods Corp 1839 S Wall St Columbus 7 Ohio
 Porete Mfg Co Porete Ave N Arlington NJ
 Price Brothers Co 1932 E Monument Dayton 1 Ohio

▶ FLOOR WAXERS, ELECTRIC

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
 Atlas Floor Surfacing Machinery Co 248 East 34th St New York 16 NY
 Boyle-Midway Inc 22 E 40th St New York 16 NY
 Camp Co Inc 6958 S State Chicago 21 Ill
 Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich
 Florbass-Habit Co 4181 W Montrose Chicago 41 Ill
 General Floorcraft Inc 421 Hudson St New York 14 NY
 Hill Floor Machine Co 740 W Washington Chicago Ill
HOLT MFG CO 272 BADGER AVE NEWARK 8 NJ
 Holt Mfg Co 669 20th St Oakland 12 Calif
 Johnson (S C) & Co Inc 1525 Howe St Racine Wis
 Kent Co Inc 351 Canal St Rome NY
 Landers Frary & Clark Center St New Britain Conn
 Lincoln-Schlueter Floor Machine Co 1250 W Van Buren Chicago 7 Ill
 Tennant (G H) Co 2566 N Second St Minneapolis Minn

▶ FLOWER BOXES

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Stratton Terstegge Co Anchor Div 300 Culbertson Ave New Albany Ind
 Arterete Prods Co Eagle and Lawrence Haverston Pa
COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH
 Air Control Prods Inc Glade St at Larch Coopersville Mich
 Metal Prods Co Wolfe and Jackson Frederickburg Va
 Vandy (E A) 14105 Merchandise Mart Chicago 54 Ill

"From this day forward..."

Bride's House of 1955:

The Coronado, a home prefabricated of wood by United States Steel Homes, Inc.



The compact kitchen equipped with Hotpoint Automatic Electric Appliances

The work-saving laundry area equipped with the famed Hotpoint Launduet



with **Hotpoint**
to have and to help!

Editors of *House Beautiful's Guide For The Bride* magazine have selected as their Bride's House for this year one of the new 1955 line of wood houses prefabricated by United States Steel Homes, Inc. The compact kitchen and home laundry are fully equipped with Hotpoint Automatic Electric Appliances.

The home has been designated "the best buy for modern living on a young married's budget". The economy, plus the long-life quality and service so definitely identified with Hotpoint Appliances, contributed strongly to the attainment of this recognition.

Wherever you find high public interest in a home building project, you'll find Hotpoint Automatic Electric Appliances in the kitchen and home laundry. When you start planning your next project, figure with your Hotpoint distributor's Builder Specialist. He'll show you a quicker way of selling your homes and a better way of enhancing your reputation for building top quality, demand homes.



Hotpoint Our Golden Anniversary - Your Golden Opportunity

RANGES • REFRIGERATORS • DISHWASHERS • DISPOSALS[®]
WATER HEATERS • FOOD FREEZERS • AUTOMATIC WASHERS
CLOTHES DRYERS • AIR CONDITIONERS

HOTPOINT CO. (A Division of General Electric Company)
3600 West Taylor Street, Chicago 44, Illinois

▶ FLUES, ASBESTOS CEMENT

Carey (Phillip) Mfg Co 816 S Wayne Cincinnati 15 Ohio
JOHN-MANVILLE CORP 22 EAST 40TH ST NEW YORK 14 NY

▶ FORMS, COLUMNS, CONCRETE

SONOCO PRODS CO HARTSVILLE SC

Sonotube FIBRE FORMS

FOR ROUND CONCRETE CASTING

Save time, labor and money. From 1" to 36" ID, up to 50' long. Can be sawed to your requirements on the job.

SONOCO PRODUCTS CO. • HARTSVILLE, S. C.

▶ FORMS, UNDERPINNING

SONOCO PRODS CO HARTSVILLE SC

Sonotube FIBRE FORMS

FOR ROUND CONCRETE CASTING

Save time, labor and money. From 1" to 36" ID, up to 50' long. Can be sawed to your requirements on the job.

SONOCO PRODUCTS CO. • HARTSVILLE, S. C.

▶ FOUNTAINS, DRINKING

American Foundry and Mfg Co 1015 Herbert St St Louis 7 Mo
AMERICAN RADIATOR & STANDARD SANITARY CORP BESSEMER BLDG PITTSBURGH 30 PA
Clow (James B) & Sons 201-209 N Talman Chicago 80 Ill
Dobbins Mfg Co 702 E Beardsley Elkhart Ind Elkh Mfg Co 235 N Hamilton Rd Columbus 18 Ohio
ELJER CO 3 GATEWAY CENTER PITTSBURGH 22 PA
Elkay Mfg Co 1874 S 54th Ave Chicago 50 Ill
Haws Drinking Faucet Co 4th and Pace Sts Berkeley 10 Calif
KOHLER CO 44 HIGH ST KOHLER WIS
Murdock Mfg and Supply Co 426-30 Plum St Cincinnati 2 Ohio
RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ
Taylor (Haley W) Co 1259 N Park Ave Warren Ohio
UNIVERSAL-RUNDLE CORP BOX 960 NEW CASTLE PA

▶ FRAMES, DOOR & WINDOW, METAL

Adams Co The PO Box 268 Dubuque Iowa
Aetna Steel Prods Corp 730 Fifth Ave New York 19 NY
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
American Art Metals Co 433 Bishop St NW Atlanta Ga
American Steel Door Co 6445 E Hildale Detroit 34 Mich
AMERICAN WELDING AND MFG CO 190 DIETZ RD WARREN OHIO
BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO
BUILDERS MFG CO 1514 BROWN-MARX BLDG BIRMINGHAM ALA
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 30 ILL
Clay Equipment Corp 23 Builder St Cedar Falls Iowa
Cosen Steel & Engineering Co 14035 Grand River Ave Detroit 37 Mich
Davis & Sibley Co Dept AB Box 78 Sta A Cincinnati 23 Ohio
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
Diebold Inc 818 Mulberry Rd SE Canton 2 Ohio

Federal Windows Inc PO Box 60 Waukesha Wis
HOPES WINDOW INC 84 HOPKINS AVE JAMESTOWN NY
International Fireproof Door Co 76 Lexington Ave Brooklyn 5 NY
International Steel Co 1321 Edgar St Evansville 7 Ind
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
Knapp Brothers Mfg Co 16 E 72nd St Cincinnati 16 Ohio
Meehan Bros 4th Poplar & 7th St Louis 2 Mo
METAL CRAFTERS & AVE AT 18TH ST CEDAR RAPIDS IOWA
NATIONAL ALUMINUM CO COLUMBUS OHIO
National Kalamain Co Inc 420 Lexington Ave Brooklyn 21 NY
ONE-DER FRAME CORP 1232 N 37TH PL BIRMINGHAM 2 ALA
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
RICHARDS-WILCOX MFG CO 220 3RD STREET AURORA ILL
Richmond Fireproof Door Co Box 97 Friends Sta Richmond Ind
Schacht Associates Inc 1175 E 156th St New York 59 NY
Soule Steel Co 1750 Army St San Francisco 24 Calif
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA
Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga
Starline Inc 300 W Front St Harvard Ill
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
Trimco Metal Prods 6394 Olive St Road St Louis 5 Mo
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1650 ALBERT ST YOUNGSTOWN 1 OHIO
Truesbit Div Siema Bros Inc 2575 Como Ave St Paul 8 Minn
Tyra (R K) Co Highway 61 Tyra Minn
UNITED STEEL FABRICATORS INC 333 GASCHÉ ST WOOSTER OHIO
Virginia Metals Prods Inc Dept A 44 Orange Va
Wagner Iron Works 1905 S 1st St Milwaukee 1 Wis
Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa

▶ FRAMES, DOOR, WOOD

American Sash and Door Co 16th & Bellefontaine Kansas City 1 Mo
ANDERSEN CORP BAYPORT MINN
Biles-Coleman Lumber Co Omak Wash
Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
Burke Millwork Co Fremont Bridge Seattle 3 Wash
CARR ADAMS & COLLIER CO 11TH AND JACKSON DUBUQUE IOWA
Cole Mfg Co PO Box 2657 Memphis 2 Tenn
CURTIS COS INC 1200 SO SECOND AVE CLINTON IOWA
Deer Park Fine Industry Inc Deer Park Wash
Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
Farley & Loetscher Mfg Co Dubuque Iowa
Firpine Prods Co PO Box 188 Oswego Ore
Fordyce-Crosssett Lumber Co Fordyce Ark
Goshen Sash & Door Co East Purl Goshen Ind
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Hoosier Sash & Door Co Anderson Ind
Hurd Millwork Corp Medford Wis
Huttig Mfg Co Muscatine Iowa
Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
Hyde-Murphy Co Murphy Bldg Ridgway Pa
Ideal Co 24th & Mary Sts Waco Texas
Keystone Frame & Mfg Co PO Box 873 Spokane Wash
Kinzua Pine Mills Co Kinzua Ore
Lockwood Wood Prods PO Box 338 Beaverton Ore
LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO
MALTA MFG CO 35 ELLIOTT ST MALTA OHIO
Marquart Millwork Co 50 Ceape St Oshkosh Wis
Midwest Jobbers Inc 3300 08 S Racine Chicago 8 Ill
Morgan Co 520 Oregon St Oshkosh Wis
Morgan Sash and Door Co 2287 Blue Island Chicago 8 Ill
Northern Sash & Door Co Hawkins Wis
Pacific Mfg Co 2610 The Alameda Santa Clara Calif
Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
Quigley (J R) Co Gloucester City NJ
Roach & Munser Co Muscatine Iowa
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
Rose (D M) & Co Rose Pl Knoxville 4 Tenn
Segelke & Kohlhaus Co 609 S 2nd St La Crosse Wis
Seneca Lumber & Millwork Co 636-701 W Tiffin Fostoria Ohio

Silerest Co The 100 Thomas St Wausau Wis
Southern Lumber Co PO Box 510 Warren Ark
Southern Mill & Mfg Co PO Box 1087 Tulsa 1 Okla
Spokane Pine Prods Co 2302 E Mallon Spokane 10 Wash
Templeton (Herbert A) Lbr Co 807 Terminal Sales Bldg Portland 5 Ore
Washington Mfg Co PO Box 1544 Tacoma 1 Wash
Wel-Bilt Prods Co Box 96 Memphis 1 Tenn
Williams-Brownell Inc PO Box 1091 Asheville NC

▶ FRAMES, METAL FOR STRUCTURAL GLASS

Alden Mfg Co 201 W Walnut St Painesville Ohio
KAWNEER COMPANY 1105 N FRONT ST NILES MICH
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Tyra (R K) Co Highway 61 Tyra Minn

▶ FRAMES, SINK WELL

Alden Mfg Co 201 W Walnut St Painesville Ohio
B and T Metals Co 425 W Town St Columbus 16 Ohio
BIGGS MFG CO 300 DUHL BLDG DETROIT 26 MICH
Decorite Inc 2116 Peachtree St Atlanta Ga
MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA
National Guard Prods Inc 540 Jackson Ave Memphis 7 Tenn
Reynolds Windows Inc 515 Bonham Ave Columbus 3 Ohio
Selek (Walter E) & Co 223 West Hubbard Chicago 10 Ill
Superior Industries Inc 3786 Oakwood Ave Youngstown 9 Ohio
Trimedge Inc Box 328 Newman Ga
Werner (R D) Co Inc 295 Fifth Ave New York 16 NY
Youngstown Mfg Inc 66-76 S Prospect Youngstown Ohio

▶ FRAMES, WINDOW, WOOD

American Sash and Door Co 16th & Bellefontaine Kansas City 1 Mo
ANDERSEN CORP BAYPORT MINN
Biles-Coleman Lumber Co Omak Wash
BROWN-GRAVES CO 191 E MILLER AVE AKRON 1 OHIO
Burke Millwork Co Fremont Bridge Seattle 3 Wash
CARR ADAMS & COLLIER CO 11TH AND JACKSON DUBUQUE IOWA
Clay Equipment Corp 23 Builder St Cedar Falls Iowa
Cole Mfg Co PO Box 2657 Memphis 2 Tenn
CURTIS COS INC 1200 SO SECOND AVE CLINTON IOWA
Deer Park Pine Industry Inc Deer Park Wash
Diamond Match Co Chico Calif
Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
Farley & Loetscher Mfg Co Dubuque Iowa
Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
GENERAL WOODCRAFT CO INC 3323 PATERSON ROAD NORTH BERGEN NJ
Goshen Sash & Door Co East Purl Goshen Ind
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
Hurd Millwork Corp Medford Wis
Huttig Mfg Co Muscatine Iowa
Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
Hyde-Murphy Co Murphy Bldg Ridgway Pa
Ideal Co 24th & Mary Sts Waco Texas
Keystone Frame & Mfg Co PO Box 873 Spokane Wash
Kinzua Pine Mills Co Kinzua Ore
Lockwood Wood Prods PO Box 338 Beaverton Ore
LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO
MALTA MFG CO 35 ELLIOTT ST MALTA OHIO
Marquart Millwork Co 50 Ceape St Oshkosh Wis
Midwest Jobbers Inc 3300 08 S Racine Chicago 8 Ill
Missoula White Pine Sash Co Scott and Standard Missoula Mont
Morgan Sash and Door Co 2287 Blue Island Chicago 8 Ill
National Screen Co Inc Madison Ave Extended Suffolk Va
Northern Sash & Door Co Hawkins Wis
Pacific Mfg Co 2610 The Alameda Santa Clara Calif
Pacific Mutual Door Co Tacoma Bldg Tacoma Wash

Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Quigley (J R) Co Gloucester Cty NJ
 R O W Sales Co 1385 Academy Ferndale 20 Mich
 Roach & Musser Co Muscatine Iowa
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Rose (D M) & Co Rose Pl Knoxville 4 Tenn
 Sezelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Seneca Lumber & Millwork Co 636-701 W Tiffin Fostoria Ohio
 Silcrest Co The 100 Thomas St Wausau Wis
 Sneedaker (Frank C) & Co Inc 3531 N 9th St Philadelphia 40 Pa
 Spokane Pine Prods Co 2302 E Mallon Spokane 10 Wash
 Spokane Saab & Door Co PO Box Spokane Wash
 Western Pine Mfg Co 315 E Jackson St Spokane 7 Wash
 White Pine Sash Co E 4005 Broadway Spokane Wash

► FRAMING, STEEL

Acme Steel Co 2840 Archer Ave Chicago 8 Ill
 American Bridge Div U S Steel Corp 525 William Penn Pl Pittsburgh 30 Pa
 American Steel and Iron Works 5800 and S Lowe Chicago 21 Ill
 BETHLEHEM STEEL CO BETHLEHEM PA
 Decatur Iron & Steel Co 2nd St W Decatur Ala
 Fries & Son Steel Construction & Engineering Co Covington Ky
 Great Lakes Steel Corp Stran-Steel Div Ecorse 28 Mich
 International Steel Co 1321 Edgar St Evansville 7 Ind
 Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa
 LACLEDE STEEL CO ARCADE BLDG ST LOUIS MO
 Macomber Inc 1925 Tenth Canton Ohio
 Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga
 Stran-Steel Div Great Lakes Steel Corp Ecorse 28 Mich
 TRUSCON STEEL DIV REPUBLIC STEEL CORP 1650 ALBERT ST YOUNGSTOWN 1 OHIO
 Unistrut Prods Co 1013 W Washington Chicago 7 Ill

► FRONTS, STORE

BINSWANGER AND CO 297 N MAIN ST HOUSTON 1 TEX
 Hrasco Mfg Co 152nd Commercial Harvey Ill
 Cupples Prods Corp 2650 S Hanley Rd St Louis 17 Mo
 Davidson Enamel Prods Inc 800 E Kibby St Lima Ohio
 Fenton Industries Inc 2801 Market St Seattle 7 Wash
 General Porcelain Enameling & Mfg Co 2700 N Karlov Ave Chicago Ill
 Ingram-Richardson Mfg Co 32nd St Beaver Falls Pa
 KAWNEER CO 1105 N FRONT ST NILES MICH
 LIBBEY-OWENS-FORD GLASS CO NICHOLAS BLDG TOLEDO 3 OHIO
 Nator Store Fronts 15 Fourth St Taunton Mass
 PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE PITTSBURGH 22 PA
 Rigidized Metals Corp 658 Ohio St Buffalo 3 NY
 Rippolite Plastics Prods Inc 3910 Cohasset St Burbank Calif
 Sensorcel Metals Inc Borden Ave & Dutchkills Long Island City NY
 Variety Mfg & Engineering Co 810 W Fulton St Chicago 7 Ill
 Wolverine Porcelain Enameling 3350 Scotton Ave Detroit 10 Mich

► FUNGICIDES

American Cyanamid Co 30 Rockefeller Plaza New York 20 NY
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 California Spray-Chemical Corp Lucas & Ortho Way Richmond Calif
 Carbolic Chemical Co 46 Harris Rd Natural Bridge NY
 Central Chemical Corp Hagerstown Md
 Cuprinol Div Darworth Inc 56 Maple St Simsbury Conn
 Dow Chemical Co 1000 Main St Midland Mich

Dupont De Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del
 Hammond Paint & Chemical Co 29 Farnsworth St Boston Mass
 Monsanto Chemical Co 1700 S Second St St Louis 4 Mo
 Onkite Prods Inc 19 Rector St New York 6 NY
 Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa
 PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 United Tent and Supply Co 759 N Spring St Los Angeles Calif
 Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo

► FURNACE PIPE & FITTINGS

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Berger Corp Belle Vernon Pa
 Cincinnati Sheet Metal and Roofing Co 230 E Front St Cincinnati 2 Ohio
 Clayton and Lambert Mfg Co 1701 Dixie Hwy Louisville 10 Ky
 Green Colonial Furnace Co 316 S W 3rd St Des Moines Iowa
 Henry Furnace Co Medina Ohio
 Hopson (W C) Co 216-220 Grandville Grand Rapids Mich
 INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
 Jetronaire Inc 1100 E Warrington Pittsburgh 10 Pa
 Krauser-Boyd Inc 553 River Rd N Tonawanda NY
 La Crosse Steel Roofing Co 227 Jay St La Crosse Wis
 LENNOX FURNACE CO 200 S 12TH AVE MARSHALLTOWN IOWA
 Lyon Conklin & Co Inc Race & McComas St Baltimore 30 Md
 MAJESTIC CO HALL ST HUNTINGTON IND METALBESTOS DIVISION WALLACE CO PO BOX 137 BELMONT CALIF
 Meyer (F and B R) Co Peoria Ill
 Mueller Climatrol Corp 2095 W Oklahoma St Milwaukee 15 Wis
 Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash
 Olsen (C A) Mfg Co Filbert St Elyria Ohio
 Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
 Reeves Steel and Mfg Co 6 Iron Ave Dover Ohio
 Sioux Steel Co Sioux Falls SD
 United States Register Co 344 E Burnham St Battle Creek Mich
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
 WILLIAMSON HEATER CO 3500 MADISON ROAD CINCINNATI 9 OHIO

► FURNACES, CHIMNEY

Badger Corrugating Co 1801 West Ave S La Crosse Wis
 MAJESTIC CO HALL ST HUNTINGTON IND
 Olsen (C A) Mfg Co Filbert St Elyria Ohio

► FURNACES, COAL

AIRLINE PRODS DIV BORG-WARNER CORP KALAMAZOO MICH
 American Foundry and Furnace Co 125 N McClun St Bloomington Ill
 Stratton Terstege Co Anchor Div 300 Culbertson Ave New Albany Ind
 Armstrong Furnace Co 851 W 3rd Ave Columbus 8 Ohio
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Berger Corp Belle Vernon Pa
 Cleveland Steel Prods Co 16025 Brookpark Rd Cleveland 11 Ohio
 Steel Prods Engineering Co Combustioneer Div 1205 W Columbia St Springfield Ohio
 Crane Co 836 S Michigan Chicago 5 Ill
 Dowagiac Steel Furnace Co Dowagiac Mich
 Excelsior Stove & Mfg Co 534 S Front St Quincy Ill
 Front Rank Mfg Co Div Liberty Foundry Co 2500 Ohio Ave St Louis 4 Mo
 General Machine Co Inc 4th & Furnace Emmaus Pa
 Green Colonial Furnace Co 316 S W 3rd St Des Moines Iowa
 Henry Furnace Co Medina Ohio
 Hess Co 1855 S 54th Ave Chicago 50 Ill
 Holland Furnace Co Holland Mich
 Ingersoll Prods Div Borg-Warner Corp 310 S Michigan Ave Chicago 4 Ill
 International Heater Co 101 Park Ave Utica NY

IRON FIREMAN MFG CO 3170 W 166TH ST CLEVELAND 11 OHIO
 LENNOX FURNACE CO 200 S 12TH AVE MARSHALLTOWN IOWA
 MAJESTIC CO HALL ST HUNTINGTON IND
 Meyer Furnace Co 1300 S Washington Peoria Ill
 Mueller Climatrol Corp 2095 W Oklahoma St Milwaukee 15 Wis
 NIAGARA FURNACE DIV FOREST CITY FOUNDRIES CO 2500 W 27TH ST CLEVELAND 13 OHIO

Norge Heat Div Borg-Warner Corp 760 E Vine St Kalamazoo Mich
 Olsen (C A) Mfg Co Filbert St Elyria Ohio
 Rybolt Heater Co 615 Miller St Ashland Ohio
 Stokermatic Co 1610 Industrial Rd Salt Lake City Utah

SUNBEAM AIR CONDITIONER DIV AMERICAN RADIATOR & STANDARD SANITARY CORP ELYRIA OHIO

Thatcher Furnace Co Center St Garwood NJ
 United States Radiator Corp Ruhl Bldg Detroit 31 Mich
 Waterman-Waterbury Co 1121 Jackson St N Minneapolis Minn
 Wheeling Furnace Corp Martins Ferry Ohio
 WILLIAMSON HEATER CO 3500 MADISON ROAD CINCINNATI 9 OHIO
 Worsham Co Inc 808 Ocean Center Bldg Long Beach 2 Cal

► FURNACES, CONVERTIBLE, COAL, OIL OR GAS

AIRLINE PRODS DIV BORG-WARNER CORP KALAMAZOO MICH
 American Foundry and Furnace Co 125 N McClun St Bloomington Ill
 Stratton & Terstege Co Anchor Div 300 Culbertson Ave New Albany Ind
 Armstrong Furnace Co 851 W 3rd Ave Columbus 8 Ohio
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Berger Corp Belle Vernon Pa
 Century Engineering Corp 401 Third St E Cedar Rapids Iowa
 Front Rank Mfg Co Div Liberty Foundry Co 2500 Ohio Ave St Louis 4 Mo
 Green Colonial Furnace Co 316 S W 3rd St Des Moines Iowa
 Heil Co 3000 W Montana St Milwaukee 2 Wis
 Henry Furnace Co Medina Ohio
 Hess Co 1855 S 54th Ave Chicago 50 Ill
 Hopson (W C) Co 216-220 Grandville Grand Rapids Mich
 International Heater Co 101 Park Ave Utica NY
 IRON FIREMAN MFG CO 3170 W 166TH ST CLEVELAND 11 OHIO
 Jackson & Church Co 321 N Hamilton St Saginaw Mich
 Janitrol Div Surface Combustion Corp 400 Dublin Ave Columbus 16 Ohio
 Jetronaire Inc 1100 E Warrington Pittsburgh 10 Pa
 Meyer Furnace Co 1300 S Washington Peoria Ill
 NIAGARA FURNACE DIV FOREST CITY FOUNDRIES CO 2500 W 27TH ST CLEVELAND 13 OHIO
 NORMAN PRODS CO 1150 CHESAPEAKE COLUMBUS 17 OHIO
 Olsen (C A) Mfg Co Filbert St Elyria Ohio
 RICHMOND RADIATOR CO PO BOX 191 METUCHEN NJ
 Rybolt Heater Co 615 Miller St Ashland Ohio
 SUNBEAM AIR CONDITIONER DIV AMERICAN RADIATOR & STANDARD SANITARY CORP ELYRIA OHIO
 Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio
 WILLIAMSON HEATER CO 3500 MADISON ROAD CINCINNATI 9 OHIO

► FURNACES, COUNTERFLOW UNITS

AIRLINE PRODS DIV BORG-WARNER CORP KALAMAZOO MICH
 Stratton & Terstege Co Anchor Div 300 Culbertson Ave New Albany Ind
 Armstrong Furnace Co 851 W 3rd Ave Columbus 8 Ohio
 Auburn Foundry Co Inc Heat Div Dallas and 11th St Auburn Ind
 Berger Corp Belle Vernon Pa
 BRYANT HEATER DIV AFFILIATED GAS EQUIPMENT INC 17825 ST CLAIR AVE CLEVELAND 10 OHIO
 Century Engineering Corp 401 Third St E Cedar Rapids Iowa
 Conco Engineering Works Div Conkey (H D) Co 1940 Thomas St Mendota Ill
 Day & Night Mfg Div Affiliated Gas Equipment Inc 700 Royal Oaks Dr Monrovia Calif

DELCO APPLIANCE DIV GENERAL MOTORS CORP LYELL & WHITNEY ST ROCHESTER NY

Delta Heating Corp 1 Cole St Trenton 8 NJ
 Dowagiac Steel Furnace Co Dowagiac Mich
 Dravo Corp Dravo Bldg Pittsburgh 22 Pa
 Duo-Therm Div Motor Wheel Corp Mt Hope & Washington Lansing 3 Mich
 Empire Stove Co 918 Freeburg Ave Belleville Ill

Front Rank Mfg Co Div Liberty Foundry Co 2500 Ohio Ave St Louis 4 Mo

GENERAL ELECTRIC CO 5 LAWRENCE ST BLOOMFIELD NJ

Green Colonial Furnace Co 316 SW 3rd St Des Moines Iowa
 Heil Co 3000 W Montana St Milwaukee 2 Wis
 Henry Furnace Co Medina Ohio
 Hess Co 1855 S 54th Ave Chicago 50 Ill
 Hopson (W C) Co 216-220 Grandville Grand Rapids Mich

International Heater Co 101 Park Ave Utica NY

International Oil Burner Co 3800 Park Ave St Louis 10 Mo

Jackson & Church Co 321 N Hamilton St Saginaw Mich

Janitrol Div Surface Combustion Corp 400 Dublin Ave Columbus 16 Ohio

KAUSTINE FURNACE & TANK CO 1492 WASHINGTON AV PERRY NY

Ko-Z-Aire Prods Inc 401 W Coolbaugh St Red Oak Iowa

LENNOX FURNACE CO 200 S 12TH AVE MARSHALLTOWN IOWA

LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF

Meyer Furnace Co 1300 S Washington Peoria Ill

NIAGARA FURNACE DIV FOREST CITY FOUNDRIES CO 2500 W 27TH ST CLEVELAND 13 OHIO

NORMAN PRODS CO 1150 CHESAPEAKE COLUMBUS 12 OHIO

Olsen (C A) Mfg Co Filbert St Elyria Ohio
 Patten (J V) Co 550 DeKalb Ave Sycamore Ill
 Premier Furnace Co Box 150 Dowagiac Mich

REZNOR MFG CO DAVID ST MERCER PA

Rheem Mfg Co 7600 S Kedzie Av Chicago 29 Ill

Rheem Mfg Co 801 Chesley Ave Richmond Calif

RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ

Royal Jet Inc 1024 Westminster Alhambra Cal
 Rybolt Heater Co 615 Miller St Ashland Ohio
 Steel City Furnace Corp Springdale Pa

SUNBEAM AIR CONDITIONER DIV AMERICAN RADIATOR & STANDARD SANITARY CORP ELYRIA OHIO

Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio

Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind

WILLIAMSON HEATER CO 3500 MADISON RD CINCINNATI 9 OHIO

FURNACES, FLOOR

BRYANT HEATER DIV AFFILIATED GAS EQUIPMENT INC 17825 ST CLAIR AVE CLEVELAND 10 OHIO

Cavaller Corp 341 W First St Chattanooga Tenn

COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KAN

Delta Heating Corp 1 Cole St Trenton 8 NJ

Duo-Therm Div Motor Wheel Corp Mt Hope & Washington Lansing 3 Mich

Empire Stove Co 918 Freeburg Ave Belleville Ill

Excelsior Stove & Mfg Co 534 S Front St Quincy Ill

General Automatic Prods Corp 2300 Sinclair Lane Baltimore 13 Md

Gillen (J L) Co 12202 Wormer Ave Detroit 28 Mich

Glenwood Range Co 300 W Water St Taunton Mass

HOLLY MFG CO 875 ARROYO PARKWAY PASADENA 2 CALIF

Hotstream Heater Co 2365 E 69th St Cleveland 4 Ohio

Hunt Heater Corp 220 12 Ave North Nashville Tenn

IRON FIREMAN MFG CO 3170 W 104TH ST CLEVELAND 11 OHIO

Janitrol Div Surface Combustion Corp 400 Dublin Ave Columbus 16 Ohio

King Stove & Range Co PO Box 271 Sheffield Ala

Kresky Mfg Co 2nd & "H" Sts Petahuma Calif
 Krenno-Stamm Mfg Corp 115 W Palisades Blvd Palisades Park NJ

LENNOX FURNACE CO 200 S 12TH AVE MARSHALLTOWN IOWA

LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF

Mt Vernon Furnace and Mfg Co Mt Vernon Ill
 NORMAN PRODS CO 1150 CHESAPEAKE COLUMBUS 12 OHIO

Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash

Payne Furnace Co 700 Royal Oaks Dr Monrovia Calif

PERFECTION STOVE CO 7609 PLATT AVE CLEVELAND 4 OHIO

Premier Furnace Co Box 150 Dowagiac Mich
 Proway Inc 1430 Second St N Wisconsin Rapids Wis

Quaker Mfg Co 1147 Merchandise Mart Chicago Ill

Queen Stove Works Inc 505 Front St Albert Lea Minn

Rheem Mfg Co 7600 S Kedzie Ave Chicago 29 Ill

Rheem Mfg Co 4361 Firestone South Gate Calif
 Rheem Mfg Co 801 Chesley Ave Richmond Calif

SUNBEAM AIR CONDITIONER DIV AMERICAN RADIATOR & STANDARD SANITARY CORP ELYRIA OHIO

TEMCO INC 4194 PARK AVE NASHVILLE 9 TENN

Tennessee Enamel Mfg Co 4194 Park Ave Nashville 9 Tenn

Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio

Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind

ZINK (JOHN) CO 4481 S PEORIA TULSA 5 OKLA

FURNACES, FORCED AIR

AIRLINE PRODS DIV BORG-WARNER CORP KALAMAZOO MICH

AIRTEMP DIV CHRYSLER CORP 1610 WEBSTER ST DAYTON 1 OHIO

American Foundry and Furnace Co 125 N McClun St Bloomington Ill

Stratton & Terstegege Co Anchor Div 300 Culbertson Ave New Albany Ind

Armstrong Furnace Co 851 W 3rd Ave Columbus 8 Ohio

Auburn Foundry Co Inc Heat Div Dallas and 11th St Auburn Ind

Automatic Firing Corp 4417 Olenath Ave St Louis 16 Mo

Badger Corrugating Co 1801 West Ave S La Crosse Wis

Bard Mfg Co Bryan Ohio

Berger Corp Belle Vernon Pa

BRYANT HEATER DIV AFFILIATED GAS EQUIPMENT INC 17825 ST CLAIR AVE CLEVELAND 10 OHIO

Cleveland Steel Prods Co 16025 Brookpark Rd Cleveland 11 Ohio

COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KAN

Steel Prods Engineering Combustioneer Div 1205 W Columbia St Springfield Ohio

Conco Engineering Works Div Conkey (H D) Co 1940 Thomas St Mendota Ill

Coronaire Heater Corp 1422 Euclid Ave Cleveland 15 Ohio

Day & Night Mfg Div Affiliated Gas Equipment Inc 700 Royal Oaks Dr Monrovia Calif

DELCO APPLIANCE DIV GENERAL MOTORS CORP LYELL & WHITNEY ST ROCHESTER NY

Delta Heating Corp 1 Cole St Trenton 8 NJ

Dravo Corp Dravo Bldg Pittsburgh 22 Pa

Electric Furnace-Man Inc Emmaus Pa

Electromode Corp 45 Crouch St Rochester 3 NY

Eureka Williams Co Div Henney Motor Co Bloomington Ill

FOREST CITY FOUNDRIES CO 2500 W 27TH ST CLEVELAND 13 OHIO

Front Rank Mfg Co Div Liberty Foundry Co 2500 Ohio Ave St Louis 4 Mo

GENERAL ELECTRIC CO 5 LAWRENCE ST BLOOMFIELD NJ

Green Colonial Furnace Co 316 SW 3rd St Des Moines Iowa

Harvey-Whipple Inc 2155 Columbus Av Springfield Mass

Heil Co 3000 W Montana St Milwaukee 2 Wis

Henderson Furnace & Mfg Corp 3075 Gravenstein Sebastopol Calif

Henry Furnace Co Medina Ohio

Herbster Prods 877 Addison Rd Cleveland 2 Ohio

International Heater Co 101 Park Ave Utica NY

International Oil Burner Co 3800 Park Ave St Louis 10 Mo

IRON FIREMAN MFG CO 3170 W 104TH ST CLEVELAND 11 OHIO

Jackson & Church Co 321 N Hamilton St Saginaw Mich

KAUSTINE FURNACE & TANK CO 1492 WASHINGTON AV PERRY NY

LENNOX FURNACE CO 200 S 12TH AVE MARSHALLTOWN IOWA

MAJESTIC CO HALL ST HUNTINGTON IND

NIAGARA FURNACE DIV FOREST CITY FOUNDRIES CO 2500 W 27TH ST CLEVELAND 13 OHIO

Olsen (C A) Mfg Co Filbert St Elyria Ohio

Patten (J V) Co 550 DeKalb Ave Sycamore Ill

Premier Furnace Co Box 150 Dowagiac Mich

REZNOR MFG CO DAVID ST MERCER PA

Rheem Mfg Co 7600 S Kedzie Av Chicago 29 Ill

Rheem Mfg Co 801 Chesley Ave Richmond Calif

Rheem Mfg Co 4361 Firestone South Gate Calif

RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ

ROBERTS-GORDON APPLIANCE CORP 44 CENTRAL AVE BUFFALO 4 NY

Royal Jet Inc 1024 Westminster Alhambra Cal

Rybolt Heater Co 615 Miller St Ashland Ohio

Steel City Furnace Corp Springdale Pa

Stokermatic Co 1610 Industrial Rd Salt Lake City Utah

SUNBEAM AIR CONDITIONER DIV AMERICAN RADIATOR & STANDARD SANITARY CORP ELYRIA OHIO

Utility Appliance Corp 4851 S Alameda St Los Angeles 58 Cal

Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio

WILLIAMSON HEATER CO 3500 MADISON ROAD CINCINNATI 9 OHIO

FURNACES, GAS FIRED

AIRLINE PRODS DIV BORG-WARNER CORP KALAMAZOO MICH

AIRTEMP DIV CHRYSLER CORP 1610 WEBSTER ST DAYTON 1 OHIO

American Foundry and Furnace Co 125 N McClun St Bloomington Ill

Stratton & Terstegege Co Anchor Div 300 Culbertson Ave New Albany Ind

Armstrong Furnace Co 851 W 3rd Ave Columbus 8 Ohio

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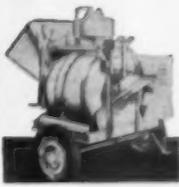
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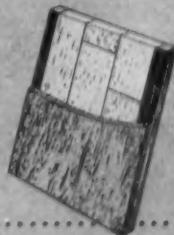
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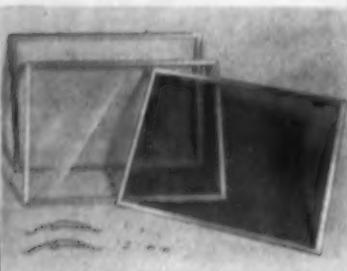


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**CINCINNATI IRON FENCE CO INC 2101
FLORENCE AVE CINCINNATI 6 OHIO**
Davis & Siehl Co Dept AB Box 78 Sta A
Cincinnati 23 Ohio
Logan Co 201 Cabel St Louisville 6 Ky
Meyers (Fred L.) Mfg Co 1176 Hooven Ave
Hamilton Ohio
Smith (F P) Wire & Iron Works Inc 2340
N Clybourn Chicago 14 Ill
Stewart Iron Works Inc PO Box 1039 Cin-
cinnati 1 Ohio

▶ GATES, WROUGHT IRON

Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
Anchor Post Fence Div Anchor Post Prods
Inc 6673 Eastern Ave Baltimore 24 Md
Badger Wire & Iron Works Inc 2933 W Cleve-
land Milwaukee 15 Wis
**CINCINNATI IRON FENCE CO INC 2101
FLORENCE AVE CINCINNATI 6 OHIO**
**COFFMAN (R G) CO INC PO BOX 1113
ORLANDO FLA**
Cyclone Fence Div American Steel & Wire Co
Box 260 Waukegan 1 Ill
Davis & Siehl Co Dept AB Box 78 Sta A
Cincinnati 23 Ohio
Fiske (J W) Iron Works 80 Park Place New
York 7 NY
**KEYSTONE STEEL & WIRE CO 7000 S
ADAMS PEORIA 7 ILL**
Locke Mfg Co Ohio St Lodi Ohio
**METAL CRAFTERS E AVE AT 18TH ST
CEDAR RAPIDS IOWA**
Meyers (Fred L.) Mfg Co 1176 Hooven Ave
Hamilton Ohio
National Ventilated Awning Co 605 Hall St
Dallas 1 Texas
Stewart Iron Works Inc PO Box 1039 Cin-
cinnati 1 Ohio
Tennessee Fabricating Co 1490 Grimes St
Memphis Tenn
Valley Metal Prods 222 Young St Marseilles
Ill
Wiemann (Ernest) Iron Works 2035 East 11th
Tulsa 4 Okla

▶ GLASS, ARCHITECTURAL & ORNAMENTAL

**ALSYNITE CO OF AMERICA 4654 DE SOTO
ST SAN DIEGO 9 CALIF**
Baeh (Semon) and Co 636 Greenwich St
New York 14 NY
Blue Ridge Glass Corp Kingsport Tenn
Cadillac Glass Co 2100 S Peoria St Chicago 8
Ill
Dearborn Glass Co 21st & S Western Chicago
8 Ill
Hagemann Companies Inc 2145 Central Pkwy
Cincinnati 14 Ohio
**LIBBEY-OWENS-FORD GLASS CO NICHOLAS
BLDG TOLEDO 3 OHIO**
Mississippi Glass Co 88 Angelica St St Louis
7 Mo
Nurre Cos Inc Box 19 Bloomington Ind
Pennsylvania Wire Glass Co 1612 Market St
Philadelphia 3 Pa
**PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE BLDV PITTSBURGH 22 PA**
Plymold Co 2707 Tulare Ave Burbank Calif
Richards (J Merrill) 25 Huntington Ave Bos-
ton 16 Mass

LOOKS BEST...INSTALLS BEST...COSTS LESS!

That's Why You're Wise to Specify

TILEMASTER PLASTIC WALL TILE



AMERICA'S MOST THOROUGHLY MERCHANDISED WALL TILE!

Tilemaster has a range of sales helps tailored to the exact needs of every man who sells or specifies wall tile. Here are two that are ideal for you!



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COLOR HARMONIZER WALL CHART

Your customers can tell at a glance how to mix field tile and trim in a tasteful color blending.

These are only a few of the many other pieces available



Builders and building supply men alike know that a Tilemaster installation is always profitable to them. Profitable not only because it assures complete customer satisfaction—but profitable because it's so *trouble-free* . . . thanks to Tilemaster's exclusive Bev-all construction and patented mastic-seal rib. Tilemaster tile goes up easier and faster and *stays up!* When you specify Tilemaster you get America's widest range of superb colors and tile pieces. Your Tilemaster installation can be more beautiful as well as more practical. You'll do well to specify or install Tilemaster—the prestige tile with the luxury look—
at a popular price!

NATIONAL ADVERTISING MAKES TILEMASTER A DEMANDED BRAND NAME

60,000,000 readers will see Tilemaster ads in these important magazines this year. More and more people will ask for Tilemaster by name.



TILEMASTER CORP. Dept. AB-304
1415-21 Diversey Pkwy., Chicago 14, Ill.

Please send me complete information on the Tilemaster line of Plastic Wall Tile.

Builder Dealer Distributor Architect

Firm Name.....

Address.....

City.....Zone.....State.....

Signed by.....

Western Office and Warehouse: 3708 S. Main St., Los Angeles, Calif.

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an ideal 'COPY TESTING LABORATORY

**for the
JUNE**

CLOSING DATE: APRIL 25th

AUGUST

CLOSING DATE: JUNE 25th

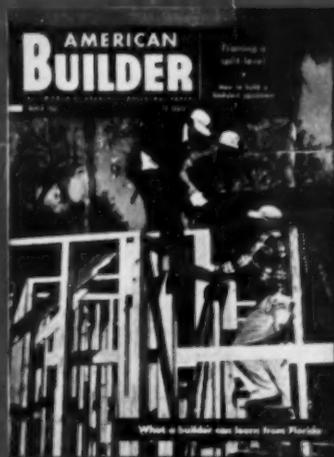
SEPTEMBER

CLOSING DATE: JULY 25th

DECEMBER

CLOSING DATE: OCTOBER 25th

**issues of
AMERICAN
BUILDER**



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exclusive in the
light construction
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American Builder



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**79 W. Monroe St.
Chicago 3, Illinois**



**30 Church Street
New York 7, N.Y.**

Royal Glass & Millwork Corp 50-20 25th St Long Island City 1 NY
 Russell Reinforced Plastics Corp 521 W Hoffman Av Lindenhurst LI NY
 Safetee Glass Co 4717 Stenton Ave Philadelphia 44 Pa
 Shower Door Co of America 1301 Chattahoochee Atlanta Ga
 United States Glass Co Fourth Ave & Vine St Tiffin Ohio

▶ GLASS BLOCK

Aeme Brick Co PO Box 425 Ft Worth Texas
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
 Hagemann Cos Inc 2145 Central Pkwy Cincinnati 14 Ohio
 Milliken Brick Co 2100 Montier St Pittsburgh 21 Pa
OWENS-ILLINOIS GLASS CO PO BOX 1035 TOLEDO 1 OHIO
 Pittsburgh Corning Corp 1 Gateway Center Pittsburgh 22 Pa
 Wisconsin Face Brick & Supply Co 4485 N Green Bay Milwaukee Wis

▶ GLASS, COLORED

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF
 Bache (Semon) and Co 636 Greenwich St New York 14 NY
 Blue Ridge Glass Corp Kingsport Tenn
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Cannon Glass Co Inc Marion Ind
 Franklin Glass Corp PO Box 156 Butler Pa
 Goshen Sash & Door Co East Purl Goshen Ind
LIBBEY-OWENS-FORD GLASS CO 608 MADISON AVE TOLEDO 3 OHIO
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Russell Reinforced Plastics Corp 521 W Hoffman Ave Lindenhurst LI NY

▶ GLASS, CORRUGATED WIRE

Mississippi Glass Co 88 Angelica St St Louis 7 Mo
 Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa

▶ GLASS, CRYSTAL SHEET

AMERICAN WINDOW GLASS CO 9 WEST PKWY PITTSBURGH 12 PA

LUSTRAGLASS and LUSTRACRYSTAL

whiter, flatter, clearer glass—by

AMERICAN WINDOW GLASS COMPANY

9 WEST PARK WAY • PITTSBURGH, PA.

Bache (Semon) & Co 636 Greenwich St New York 14 NY
 Belknap Glass Co 1000 Valley Seattle 1 Wash
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Franklin Glass Corp PO Box 156 Butler Pa
 Gazlers Tool Mfg Co 611 W Adams Chicago 6 Ill
 Goshen Sash & Door Co E Pearl Goshen Ind
 Hagemann Cox Inc 2145 Central Pkwy Cincinnati 14 Ohio
 Joslin Displays Inc 105 Kingston Boston 11 Mass
LIBBEY-OWENS-FORD GLASS CO NICHOLAS BLDG TOLEDO 3 OHIO
 National Mirror Works 1925 Kishwaukee St Rockford Ill
 Nurro Cos Inc Box 19 Bloomington Ind
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Royal Glass & Millwork Corp 50-20 25th St Long Island City 1 NY
 Safetee Glass Co 4717 Stenton Ave Philadelphia 44 Pa

▶ GLASS CUTTING MACHINES

Heller (W C) & Co 1050 Bryant St Montpelier Ohio
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
RED DEVIL TOOLS 130 COIT ST IRVINGTON NJ
 Sommer & Maca Glass Machinery Co 3600-08 S Oakley Chicago 9 Ill

▶ GLASS, DOUBLE PANE

Bache (Semon) and Co 636 Greenwich St New York 14 NY
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
LIBBEY-OWENS-FORD GLASS CO NICHOLAS BLDG TOLEDO 3 OHIO
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA

▶ GLASS, PLATE

Bache (Semon) and Co 636 Greenwich St New York 14 NY
 Belknap Glass Co 1000 Valley Seattle 1 Wash
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Franklin Glass Corp PO Box 156 Butler Pa
 Gazlers Tool Mfg Co 611 W Adams Chicago 6 Ill
 Goshen Sash & Door Co East Purl Goshen Ind
 Hagemann Cox Inc 2145 Central Pkwy Cincinnati 14 Ohio
 Joslin Displays Inc 105 Kingston Boston 11 Mass
LIBBEY-OWENS-FORD GLASS CO NICHOLAS BLDG TOLEDO 3 OHIO
 National Mirror Works 1925 Kishwaukee St Rockford Ill
 Nurro Cos Inc Box 19 Bloomington Ind
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Royal Glass & Millwork Corp 50-20 25th St Long Island City 1 NY
 Safetee Glass Co 4717 Stenton Ave Philadelphia 44 Pa

▶ GLASS, PLATE, HEAT ABSORBING

Bache (Semon) and Co 636 Greenwich St New York 14 NY
 Blue Ridge Glass Corp Kingsport Tenn
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Goshen Sash & Door Co East Purl Goshen Ind
LIBBEY-OWENS-FORD GLASS CO 608 MADISON AVE TOLEDO 3 OHIO
 Mississippi Glass Co 88 Angelica St St Louis 7 Mo
 Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA

▶ GLASS, PLATE, INSULATING

Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Goshen Sash & Door Co East Purl Goshen Ind
LIBBEY-OWENS-FORD GLASS CO NICHOLAS BLDG TOLEDO 3 OHIO
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA

▶ GLASS SETTINGS, STRUCTURAL

PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA

▶ GLASS, STRUCTURAL

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF
 Bache (Semon) and Co 636 Greenwich St New York 14 NY
 Blue Ridge Glass Corp Kingsport Tenn
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Conroy-Prough Glass Co 1430 Western Ave Pittsburgh Pa
 Franklin Glass Corp PO Box 156 Butler Pa
 Hagemann Cos Inc 2145 Central Pkwy Cincinnati 14 Ohio
LIBBEY-OWENS-FORD GLASS CO 608 MADISON AVE TOLEDO 3 OHIO
 Mississippi Glass Co 88 Angelica St St Louis 7 Mo
 National Mirror Works 1925 Kishwaukee St Rockford Ill
 Nurro Cos Inc Box 19 Bloomington Ind
 Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Plymold Co 2707 Tulare Ave Burbank Calif
 Royal Glass & Millwork Corp 50-20 25th St Long Island City 1 NY
 Russell Reinforced Plastics Corp 521 W Hoffman Ave Lindenhurst LI NY

▶ GLASS SUBSTITUTE

ALSYNITE CO OF AMERICA 4654 DE SOTO SAN DIEGO 9 CALIF
 Arvey Corp 3462 N Kimball Ave Chicago 18 Ill
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY
CHEMOLD CO 2900 COLORADO AVE SANTA MONICA CALIF

Clark Wire and Supply Co 1638 S Pulaski Chicago 28 Ill
 Flex-O-Glass Inc 1109 N Cleero Ave Chicago 51 Ill
 Hensehel (C B) Mfg Co 229 W Mineral Milwaukee 4 Wis
HOOKER ELECTROCHEMICAL CO 17 47TH NIAGARA FALLS NY
 International Molded Plastics Inc 4387 W 35th St Cleveland 9 Ohio
 Peerless Mfg Co Inc 2100 N Eleventh St Reading Pa
 Plexolite Corp 2051 E Maple Ave El Segundo Calif
 Plymold Co 2707 Tulare Ave Burbank Calif
RESOLITE CORP ZELIENOPE PA
 Rippolite Plastics Prods Inc 3910 Cobasset St Burbank Calif
 Russell Reinforced Plastics Inc 521 W Hoffman Ave Lindenhurst LI NY
 Sol-Ohite Mfg Company 4391 W North Ave Chicago 39 Ill
 Spun Lite Corp 3788 NW 52nd St Miami Fla
 Turner Bros Bladen Neb
WRIGHT MFG CO PO BOX 6567 HOUSTON 5 TEXAS

▶ GLASS, WINDOW

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF
AMERICAN WINDOW GLASS CO 9 WEST PKWY PITTSBURGH 12 PA

LUSTRAGLASS and LUSTRACRYSTAL

whiter, flatter, clearer glass—by

AMERICAN WINDOW GLASS COMPANY

9 WEST PARK WAY • PITTSBURGH, PA.

Bache (Semon) and Co 636 Greenwich St New York 14 NY
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Conroy-Prough Glass Co 1430 Western Ave Pittsburgh Pa
 Dearborn Glass Co 21st & S Western Chicago 8 Ill
 Fourco Glass Co Union National Bank Bldg Clarksburg W Va
 Goshen Sash & Door Co East Purl Goshen Ind
 Hagemann Cos Inc 2145 Central Pkwy Cincinnati 14 Ohio
 Harding Glass Co 2524 Midland Blvd Fort Smith Ark
 Hoosier Sash & Door Co Anderson Ind
LIBBEY-OWENS-FORD GLASS CO NICHOLAS BLDG TOLEDO 3 OHIO
 National Mirror Works 1925 Kishwaukee St Rockford Ill
 Nurro Cos Inc Box 19 Bloomington Ind
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Royal Glass & Millwork Corp 50-20 25th St Long Island City 1 NY
 Russell Reinforced Plastics Inc 521 W Hoffman Ave Lindenhurst LI NY

▶ GLASS, WINDOW, WIRE

Bache (Semon) and Co 636 Greenwich St New York 14 NY
 Blue Ridge Glass Corp Kingsport Tenn
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Conroy-Prough Glass Co 1430 Western Ave Pittsburgh Pa
 Dearborn Glass Co 21st & S Western Chicago 8 Ill
 Goshen Sash & Door Co East Purl Goshen Ind
 Hagemann Cos Inc 2145 Central Pkwy Cincinnati 14 Ohio
LIBBEY-OWENS-FORD GLASS CO 608 MADISON AVE TOLEDO 3 OHIO
 Mississippi Glass Co 88 Angelica St St Louis 7 Mo
 National Mirror Works 1925 Kishwaukee St Rockford Ill
 Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Royal Glass & Millwork Corp 50-20 25th St Long Island City 1 NY

▶ GLAZING COMPOUNDS

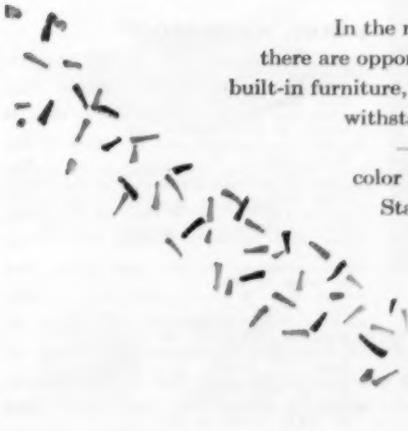
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Arco Co 7301 Bessemer Cleveland 4 Ohio
 Armstrong Co 1001 East 103rd St Chicago 28 Ill
BALTZ (R N) AND CO 1009 HARVARD TER WASTON ILL
 Biddle Co 608-624 S Main St St Louis 2 Mo
 Briggs-Maroney Co Inc 85 Paris St Everett 49 Mass



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 Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
 Gibson-Homans Co 2366 Woodhill Rd Cleveland 6 Ohio
 Goodrich (B F) Co 509 S Main St Akron 18 Ohio
 Gordon Chemical Co Inc 1190 Hickory Kansas City 7 Mo
 Horn (A C) Co Inc 252 Townsend St San Francisco Calif
 Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
 King (E & F) & Co Inc 640 Pleasant St Norwood Mass
 Louden Putty Works 45 Irving St Malden Mass
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 Peacor Paint Co Inc 4th St & Rig RR Philadelphia 40 Pa
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich
 Pressette Engineering Co 3900 Chouteau Ave St Louis 10 Mo
 Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
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 Steinhart Co 1306 Spring Garden Philadelphia 23 Pa
 Sullivan Co The 212 E Trigg Memphis Tenn
 Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
 Tremco Mfg Co 8701 Kinsman Rd Cleveland O
 Truseon Laboratories Div Devos & Reynolds Caniff at Grand Trunk Detroit 11 Mich
 United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa
 Webb Prods Co 216 S "G" St San Bernardino Calif
 Wisconsin Face Brick & Supply Co 4485 N Green Bay Milwaukee Wis

▶ GLAZING, TRANSPARENT PLASTIC

ALSYNITE CO OF AMERICA 654 DE SOTO ST SAN DIEGO 9 CALIF
 Arvey Corp 3462 N Kimball Ave Chicago 18 Ill
 Flex-O-Glass Inc 1109 N Cicero Ave Chicago 51 Ill
 Plexolite Corp 2651 E Maple Ave El Segundo Calif
RESOLITE CORP ZELIENOPE PA
 Ripplite Plastics Prods Inc 3910 Colasnet St Burbank Calif
 Russell Reinforced Plastics Inc West Hoffman Ave Lindenhurst LI NY
 Sol-O-Lite Mfg Co 4301 W North Ave Chicago 39 Ill
WRIGHT MFG CO PO BOX 6347 HOUSTON 5 TEXAS

▶ GLUE, CASEIN

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Borden Co Chemical Div 350 Madison Ave New York 17 NY
 Consumers Glue Co 1515 Hadley St Louis 6 Mo
 Davis Plywood Corp 12555 Beren Road Cleveland 11 Ohio

Franklin Glue Co 119 W Chestnut St Columbus 4 Ohio
 Fuller (H B) Co 181 W Kellogg Blvd St Paul 2 Minn
 Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Mo
 Hewitt (C B) & Bros Inc 23-25 Green St New York 13 NY
 Koehon Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Lacton Glue Mfg Co 611 Broadway New York 12 NY
 Monite Waterproof Glue Co 1093 Monite Bldg Minneapolis Minn
 Monsanto Chemical Co 1700 S Second St St Louis 4 Mo
 National Plywoods Inc 2710 Throop St Chicago 11 Ill
 Nicholson & Co 161 First St Cambridge 42 Mass
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Perkins Glue Co 652 Cannon Ave Lansdale Pa
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
 Thornton (L M) Mfg Co 2821 E 18th St Kansas City Mo
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

▶ GLUE, COLD WATER

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 Borden Co Chemical Div 350 Madison Ave New York 17 NY
 Commercial Paste Co The Butties at Michigan Columbus 8 Ohio
 Consumers Glue Co 1515 Hadley St Louis 6 Mo
 Crescent Prods Co 315 N 14th St Terre Haute Ind
 Franklin Glue Co 119 W Chestnut St Columbus 4 Ohio
 Fuller (H B) Co 181 W Kellogg Blvd St Paul 2 Minn
 Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Mo
 Hewitt (C B) & Bros Inc 23-25 Green St New York 13 NY
 Koehon Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Lacton Glue Mfg Co 611 Broadway New York 12 NY
 Monite Waterproof Glue Co 1093 Monite Bldg Minneapolis Minn
 Monsanto Chemical Co 1700 S Second St St Louis 4 Mo
 National Plywoods Inc 2710 Throop St Chicago 11 Ill
 Perkins Glue Co 652 Cannon Ave Lansdale Pa
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
 Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
 Thornton (L M) Mfg Co 2821 E 18th St Kansas City Mo
 U S Menzel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 Webb Prods Co 216 S "G" St San Bernardino Calif

▶ GLUE, LIQUID

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Armour and Co Adhesive Div 1355 W 31st St Chicago 9 Ill
 Borden Co Chemical Div 350 Madison Ave New York 17 NY
 Carters Ink Co Kendall Square Boston Mass
 Commercial Paste Co The Butties at Michigan Columbus 8 Ohio
 Davis Plywood Corp 12555 Beren Rd Cleveland 11 Ohio
 Franklin Glue Co 119 W Chestnut St Columbus 4 Ohio
 Fuller (H B) Co 181 W Kellogg Blvd St Paul 2 Minn
 Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Mo
 Le Page's Inc 49 Swanson St Gloucester 41 Mass
 Monite Waterproof Glue Co 1093 Monite Bldg Minneapolis Minn
 Monsanto Chemical Co 1700 S Second St St Louis 4 Mo
 Monsanto Chemical Co 100 Monsanto Ave Springfield 2 Mass
 National Adhesives Div National Starch Prods Inc 268 Madison Ave New York 16 NY
 National Plywoods Inc 2710 Throop St Chicago 11 Ill
 Nicholson & Co 161 First St Cambridge 42 Mass

Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Perkins Glue Co 652 Cannon Ave Lansdale Pa
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Rogers Ininglass & Glue Co 210 Eastern Ave Gloucester Mass
 Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 Ill
 Thornton (L M) Mfg Co 2821 E 18th St Kansas City Mo
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 Webb Prods Co 216 S "G" St San Bernardino Calif
 Wellman Prods Co 1444 E 49th St Cleveland 3 Ohio

▶ GLUE, RESIN

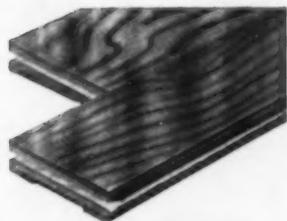
Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 American Cyanamid Co 30 Rockefeller Plaza New York 20 NY
 Armour and Co Adhesive Div 1355 W 31st St Chicago 9 Ill
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 Borden Co Chemical Div 350 Madison Ave New York 17 NY
 Catalin Corp of America 1 Park Ave New York 16 NY
 Christy Co Inc 5040 Daggett Ave St Louis 10 Mo
 Davis Plywood Corp 12555 Beren Rd Cleveland 11 Ohio
 Franklin Glue Co 119 W Chestnut St Columbus 4 Ohio
 Fuller (H B) Co 181 W Kellogg Blvd St Paul 2 Minn
 Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Mo
 Hewitt (C B) & Bros Inc 23-25 Green St New York 13 NY
 Koehon Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Lacton Glue Mfg Co 611 Broadway New York 12 NY
 Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY
 Monite Waterproof Glue Co 1093 Monite Bldg Minneapolis Minn
 Monsanto Chemical Co 1700 S Second St St Louis 4 Mo
 Monsanto Chemical Co Plastic Div 911 Western Ave Seattle 4 Wash
 National Plywoods Inc 2710 Throop St Chicago 11 Ill
 Nicholson & Co 161 First St Cambridge 42 Mass
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Perkins Glue Co 652 Cannon Ave Lansdale Pa
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
 Standard Paste & Glue Co Inc 3620 W 38th St Chicago 32 Ill
 Tamm City Hardware Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 U S Menzel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 Webb Prods Co 216 S "G" St San Bernardino Calif
 Wellman Prods Co 1444 E 49th St Cleveland 3 Ohio

▶ GLUE, WATERPROOF

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 American Cyanamid Co 30 Rockefeller Plaza New York 20 NY
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 Borden Co Chemical Div 350 Madison Ave New York 17 NY
 Consumers Glue Co 1515 Hadley St Louis 6 Mo
 Douglas & Sturgess 475 Bryant St San Francisco Calif
 Franklin Glue Co 119 W Chestnut St Columbus 4 Ohio
 Fuller (H B) Co 181 W Kellogg Blvd St Paul 2 Minn
 Hayes Adhesives Co Inc 4159 Union Blvd St Louis 15 Mo
 Hewitt (C B) & Bros Inc 23-25 Green St New York 13 NY
 Koehon Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Le Page's Inc 49 Swanson St Gloucester 41 Mass
 Minnesota Mining & Mfg Co 900 Fauquier Ave St Paul 6 Minn
MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY

YOU CAN BUY WITH CONFIDENCE THESE

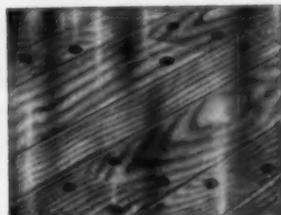
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Prefinished and Unfinished



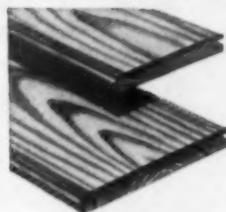
OAKBLOK FLOORS



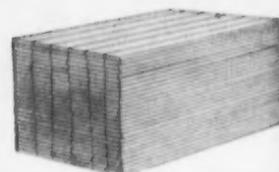
OAK PLANK FLOORS



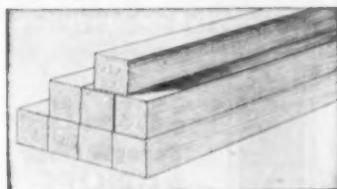
END-MATCHED SOUTHERN PINE FLOORING



SOUTHERN PINE PANELING



SOUTHERN PINE LUMBER



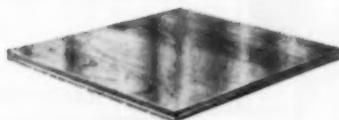
SOUTHERN PINE TIMBERS



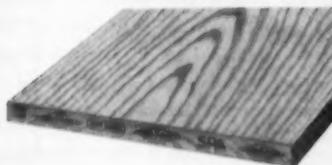
PALLETIZED HARDWOOD FLOORING



SOUTHERN PINE MOULDING AND TRIM



MULTI-WOOD BLOK FLOORS



END-BRANDED AND WAXED YELLOW PINE



MIXED CARS GIVEN PARTICULAR ATTENTION

WRITE, WIRE, TWX OR PHONE 740



MEMBER S.P.I.B.

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Louis 4 Mo
Nicholson & Co 161 First St Cambridge 42
Mass
Paxton (Frank) Lumber Co 6311 St John Ave
Kansas City Mo
Perkins Glue Co 652 Cannon Ave Lansdale Pa
**PITTSBURGH PLATE GLASS CO 432 FORT
DUQUESNE BLVD PITTSBURGH 22 PA**
Falley Prods Inc 718 Washington Ave N Min-
neapolis Minn
Flyter Corp 1731 Elston Ave Chicago 22 Ill
**RODDIS PLYWOOD CORP 1155 PALMETTO
MARBFIELD WIS**
Sauereisen Cement Co 1045 N Canal St Pitts-
burgh 15 Pa
Standard Paste & Glue Co Inc 3620 W 38th St
Chicago 32 Ill
Stay-Tite Prods Co 9400 Steinway Ave Cleve-
land 4 Ohio
U S Mengel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky
**UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY**

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**CLEVELAND STEEL SPECIALTY CO 3771
E 91ST ST CLEVELAND 5 OHIO**
Cunningham Machinery Corp 725 Ricou St
Shreveport La
Davis & Siehl Co Dept AB Box 78 Sta A
Cincinnati 23 Ohio
**DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO**
Dravo Corp Dravo Bldg Pittsburgh 22 Pa
**MAJESTIC CO HALL ST HUNTINGTON
IND**
Parker (S) Hardware Mfg Corp 27 Ludlow St
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Standard Bronze Co 6th St & Ave "A" Bay-
onne NJ
Sweet (A L) Iron Wks 145 Glenwood Ave
Medina NY

▶ GRATINGS

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Allen Steel Prods Inc 2941 E Ten Mile Rd
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American Foundry and Mfg Co 1015 Herbert
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**CINCINNATI IRON FENCE CO INC 2101
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Cunningham Machinery Corp 725 Ricou St
Shreveport La
Davis & Siehl Co Dept AB Box 78 Sta A
Cincinnati 23 Ohio
**DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO**
Dravo Corp Dravo Bldg Pittsburgh 22 Pa
Hendrick Mfg Co Dundaff St Carbondale Pa
Industrial Iron Works PO Box 4625 Port-
land 2 Ore
Logan Co 201 Cabel St Louisville 6 Ky
Marion Machine Foundry & Supply Co Marion
Ind
Meyers (Fred L) Mfg Co 1176 Hooven Ave
Hamilton Ohio
**PEN METAL CO INC 205 E 42ND ST
NEW YORK 17 NY**
Reliance Steel Prods Co 4000 Walnut St
McKeesport Pa
Ryerson (Joseph T) & Son 2558 W 16th St
Chicago 80 Ill
**SAINT PAUL CORRUGATING CO 8 END
WABASHA ST ST PAUL 1 MINN**
Sweet (A L) Iron Works 145 Glenwood Ave
Medina NY
Western Foundry Co 2400 SW Water Ave
Portland 1 Ore
Wheeling Corrugating Co 1134 Market St
Wheeling W Va
Zurn (J A) Mfg Co Erie Pa

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**ARTCRAFT ORNAMENTAL IRON CO 724 E
HUDSON ST COLUMBUS 11 OHIO**
Belton Mfg Co East River Rd North Aurora
Ill
Davis & Siehl Co Dept AB Box 78 Sta A
Cincinnati 23 Ohio
**DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO**
Fiske (J W) Iron Works 80 Park Pl New
York 7 NY
Harris Inc 200 E Long St Columbus Ohio
Hohmann & Barnard Inc 204 East 33rd St
New York 16 NY
Industrial Iron Works PO Box 4625 Port-
land 2 Ore
Locke Mfg Co Ohio St Lodi Ohio
MAJESTIC CO HALL ST HUNTINGTON IND
Meyers (Fred L) Mfg Co 1176 Hooven Ave
Hamilton Ohio

Smith (F P) Wire & Iron Works Inc 2340 N
Clybourn Chicago 14 Ill
Sweet (A L) Iron Works 145 Glenwood Ave
Medina NY
Valley Metal Prods 222 Young St Marselles Ill

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Allen Steel Prods Inc 2941 E Ten Mile Rd
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Bennett-Ireland Inc 23 State St Norwich NY
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NENTAL OIL BLDG DENVER 2 COLO**
Davis & Siehl Co Dept AB Box 78 Sta A
Cincinnati 23 Ohio
**DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO**
**HEATILATOR INC 661 E BRIGHTON AVE
SYRACUSE 5 NY**
Industrial Iron Works PO Box 4625 Port-
land 2 Ore
Logan Co 201 Cabel St Louisville 6 Ky
MAJESTIC CO HALL ST HUNTINGTON IND
Master Metal Prods Inc Box 95 Buffalo 5 NY
Meyers (Fred L) Mfg Co 1176 Hooven Ave
Hamilton Ohio
Silent Glow Oil Burner Co 850 Windsor St
Hartford Conn
**SUPERIOR FIREPLACE CO 1708 E 15TH ST
LOS ANGELES 21 CALIF**
United States Register Co 344 E Burnham St
Battle Creek Mich

▶ GRILLES, METAL

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Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
**ARTCRAFT ORNAMENTAL IRON CO 724 E
HUDSON ST COLUMBUS 11 OHIO**
Bellkool Co 623 S State Box 581 Appleton Wis
Belton Mfg Co East River Rd North Aurora
Ill
**CINCINNATI IRON FENCE CO INC 2101
FLORENCE AVE CINCINNATI 6 OHIO**
**COLORADO FUEL & IRON CORP CONTI-
NENTAL OIL BLDG DENVER 2 COLO**
Cornell Iron Works Inc 36th Ave & 13th St
Long Island City 6 NY
Davis & Siehl Co Dept AB Box 78 Sta A
Cincinnati 23 Ohio
**DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO**
Ereo Mfg Co 2368 Elston Ave Chicago 14 Ill
Fiske (J W) Iron Works 80 Park Place New
York 7 NY
Harris Inc 200 E Long St Columbus Ohio
Hart & Cooley Mfg Co 500 E 8th St Holland
Mich
**HEATILATOR INC 661 E BRIGHTON AVE
SYRACUSE 5 NY**
Hendrick Mfg Co Dundaff St Carbondale Pa
Industrial Iron Works PO Box 4625 Port-
land 2 Ore
Kentucky Metal Prods Co 3106 Preston St
Louisville 13 Ky
Krauser-Boyd Inc 553 River Rd N Tonawanda
NY
**MACKLANBURG-DUNCAN CO 4041 N SAN-
TA FE OKLAHOMA CITY OKLA**
MAJESTIC CO HALL ST HUNTINGTON IND
**MINNEAPOLIS-HONEYWELL REGULATOR
CO 2747 S FOURTH AVE MINNEAPOLIS
5 MINN**
Newman Bros Inc 660-70 West 4th St Cincin-
nati 3 Ohio
Parker (S) Hardware Mfg Corp 27 Ludlow St
New York 2 NY
Smith (F P) Wire & Iron Works Inc 2340 N
Clybourn Chicago 14 Ill
Southern Wire & Iron Works 441 Memorial
Dr SE Atlanta Ga
Standard Bronze Co 6th St & Ave "A" Bay-
onne NJ
Stewart Iron Works Inc PO Box 1039 Cincin-
nati 1 Ohio
Tennessee Fabricating Co 1490 Grimes St
Memphis Tenn
Trane Co 3rd and Cameron La Crosse Wis
United States Register Co 344 E Burnham St
Battle Creek Mich
Weather-Proof Co 1409 E 40th St Cleveland 3
Ohio
Wellman Prods Co 1444 E 49th St Cleveland 3
Ohio
**WICKWIRE SPENCER STEEL DIV COLO-
RADO FUEL & IRON CORP 575 MADISON
AVE NEW YORK 19 NY**
Wilson (J G) Corp 372 Lexington Ave New
York 17 NY

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Ga
Bennett-Ireland Inc 23 State St Norwich NY
**CONSOLIDATED GENERAL PRODS INC PO
BOX 7425 HOUSTON TEXAS**

Davis & Siehl Co Dept AB Box 78 Sta A Cin-
cinnati 23 Ohio
**DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO**
Fiske (J W) Iron Works 80 Park Pl New
York 7 NY
Gagnon Clay Prods Co 526 S Broadway Green
Bay Wis
Hancock Iron Works PO Box 13 Pontiac Mich
Homer Foundry Corp Coldwater Mich
MAJESTIC CO HALL ST HUNTINGTON IND
Master Metal Prods Inc Box 95 Buffalo 5 NY
Mt Vernon Furnace and Mfg Co Mt Vernon
Ill
Silent Glow Oil Burner Co 850 Windsor St
Hartford Conn
Titan Mfg Co Inc 701 Seneca St Buffalo 10
NY
Wisconsin Face Brick & Supply Co 4485 N
Green Bay Milwaukee Wis

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York 7 NY
Meyers (Fred L) Mfg Co 1176 Hooven Ave
Hamilton Ohio
Parker (S) Hardware Mfg Corp 27 Ludlow St
New York 2 NY
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3 NY
United States Register Co 344 E Burnham St
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**WICKWIRE SPENCER STEEL DIV COLO-
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Leigh Building Prods Div Air Control Prods
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TA FE OKLAHOMA CITY OKLA**



FITS-ALL Screen Door GRILLES

Fully adjustable
for all screen
doors and
combination doors,
both wood & metal

See Pages 56-59

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**MACKLANBURG-DUNCAN CO.
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**METAL CRAFTERS E AVE AT 18TH ST
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New York 2 NY
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NY



WOODCO
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 WOOD AWNING WINDOWS

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it's
Woodco
Windows

*for the Beautiful
 point-of-view...*



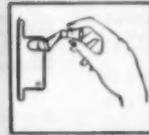
THERMOPANE® Insulating Glass available to reduce condensation and cut fuel bills!



No-draft ventilation... even when it's raining!



Clean inside and outside surfaces... from inside!



Rotor-type operator... finger-tip control... so simple a child can do it!

Whatever your point-of-view, WOODCO E-ZEE Loc Wood Awning Windows meet your most exacting standards. WOODCO assures the utmost in beauty, performance and efficiency... and when you measure these advantages in terms of ease-of-installation, fuel savings and homeowner satisfaction, you discover that WOODCO means the finest and most economical awning window ever made!

Nothing to adjust • Nothing to get out of adjustment

CHECK THE WOODCO E-ZEE Loc PATENTED FEATURES:

- EASY TO LOCK
- SEQUENCE AIR CONTROL
- TOXIC-TREATED TO PREVENT DECAY
- EXTRA HEAVY SASH and FRAME
- DOUBLE VINYL WEATHERSTRIPPING (Pat. Pend.)
- WATER-REPELLENT TREATED
- COMPLETELY ASSEMBLED

... AND DON'T FORGET, MR. BUILDER
 Every WOODCO E-ZEE Loc Window Unit is manufactured of Kiln Dried Ponderosa Pine, toxic treated to prevent decay and water-repellent treated to reduce swelling and shrinking. Each unit is delivered to the building site completely assembled for quick and economical installation.

For your nearest Distributor
 or other information
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Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga
Tennessee Fabricating Co 1499 Grimes St Memphis Tenn
Weather-Proof Co 1409 East 40th St Cleveland 3 Ohio

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Adams Co The PO Box 268 Dubuque Iowa
Badger Wire and Iron Works Inc 2933 W Cleveland Milwaukee 15 Wis
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Valley Metal Prods 222 Young St Marseilles Ill

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Atlas Press Co 1901 N Pitcher St Kalamazoo Mich
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Cincinnati Electric Tool Co Madison and Edwards Rds Cincinnati 8 Ohio
Clizbe Bros Mfg Co 1932 Harrison Ave Plymouth Ind
Curtis Machine Corp 1300 East 2nd St Jamestown NJ
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Lippmann Engineering Works 4603 W Mitchell St Milwaukee 14 Wis
Lubell United Co Drawer 1108 Wilmington Del
MALL TOOL CO 7740 S SOUTH CHICAGO AVE CHICAGO 19 ILL
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
Newman Machine Co Inc 507 Jackson St Greensboro NC
Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa
Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
SKIL CORP 5633 ELSTON AVE CHICAGO 30 ILL
Speedway Mfg Co 1834 S 52nd Ave Cicero 50 Ill
Standard Electrical Tool Co 2490 River Rd Cincinnati 4 Ohio
Stanley Electric Tools 400 Myrtle St New Britain Conn
Thor Power Tool Co 175 N State St Aurora Ill
United States Electrical Tool 3640 Llewellyn St Cincinnati 23 Ohio
Walker-Turner Div Kearney & Trecker Corp 639 South Ave Plainfield NJ
Wisota Mfg Co 1301 S Third St Minneapolis Minn

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BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO
Bradford Machine Tool Co 667-671 Evans St Cincinnati 4 Ohio
Chicago Pneumatic Tool Co Six E 44th St New York 17 NY
Chicago Wheel and Mfg Co 1101 W Monroe Chicago Ill
Cincinnati Electric Tool Co Madison and Edwards Rds Cincinnati 8 Ohio

Diehl Mfg Co 1185 FINDERNE AVE SOMERVILLE NJ
Dremel Mfg Co 2409 18th St Racine Wis
Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 Ill
General Hardware Co 3618 W Pierce St Milwaukee 15 Wis
Hoe (R) & Co Inc 910 East 138th St New York 54 NY
MALL TOOL CO 7740 S 80 CHICAGO CHICAGO 19 ILL
Mattison Machine Works 545 Backhawk Park Rockford Ill
Miller Falls Co Wells and Devon Greenfield Mass
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
Newman Machine Co Inc 507 Jackson St Greensboro, NC
Portable Electric Tools Inc 320 W 83rd St Chicago 20 Ill
Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
SKIL CORP 5633 ELSTON AVE CHICAGO 30 ILL
Speedway Mfg Co 1834 S 52nd Ave Cicero 50 Ill
SYNTRON CO 618 LEXINGTON AVE HOMER CITY PA
Thor Power Tool Co 175 N State St Aurora Ill
Toolkraft Corp Plainfield St Springfield 1 Mass
U S Electric Tool Div Emerson Electric Mfg Co 3640 Llewellyn St Cincinnati 23 Ohio
Whiteman Mfg Co 3249 Casitas Ave Los Angeles 39 Calif
Wisota Mfg Co 1301 S Third St Minneapolis Minn

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DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
SAINT PAUL CORRUGATING CO 8 END WABASHA ST ST PAUL 1 MINN
UNITED STEEL FABRICATORS INC 323 GASCHÉ ST WOOSTER OHIO

► GUARDS, ROOF & SNOW

CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
Steel & Wire Prods Co 217 S Central Ave Baltimore 2 Md

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AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
ARTCRAFT ORNAMENTAL IRON CO 724 E HUDSON ST COLUMBUS 11 OHIO
Atlas Fence Co 3650 Richmond St Philadelphia 34 Pa
Badger Wire and Iron Works Inc 2933 W Cleveland Milwaukee 15 Wis
CHAMBERLIN CO OF AMERICA 1254 LARBROSSE ST DETROIT 26 MICH
CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO
Clay Equipment Corp 23 Builder St Cedar Falls Iowa
Clearview Louver Window Co 2625 Elm St Dallas 1 Texas
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
Cyclone Fence Div American Steel Wire Co Box 260 Waukegan 1 Ill
Davis & Siehl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio
DEXTER LOCK CO 1609 MADISON AVE GRAND RAPIDS 2 MICH
Grand Rapids Wire Prods Co 501 Front Ave Grand Rapids 4 Mich
Hawkins Iron Co PO Box 670 Birmingham Ala
Kentucky Metal Prods Co 3106 Preston St Louisville 13 Ky
Logan Co 201 Cabell St Louisville 6 Ky
MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA
Mesker (George L) Steel Corp 400 NW First St Evansville 8 Ind
METAL CRAPTERS E AVE AT 18TH ST CEDAR RAPIDS IOWA
Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio
National Guard Prods Inc 540 Jackson Ave Memphis 7 Tenn
Phoenix Lock Co 327-3rd Ave Newark 7 NJ
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
Slaymaker Lock Co 115 SW End Ave Lancaster Pa

Smith (F P) Wire & Iron Works Inc 2340 N Clybourn Chicago 14 Ill
Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga
Standard Bronze Co 6th St & Ave A Bayonne NJ
Stewart Iron Works Inc PO Box 1039 Cincinnati 1 Ohio
Tennessee Fabricating Co 1499 Grimes St Memphis Tenn
United States Register Co 344 E Burnham St Battle Creek Mich
Valley Metal Prods 222 Young St Marseilles Ill

► GUMMERS, SAW

BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
Chicago Wheel and Mfg Co 1101 W Monroe Chicago Ill
Foley Mfg Co 3300 NE Fifth St Minneapolis 18 Minn
General Hardware Co 3618 W Pierce St Milwaukee 15 Wis
Hanchett Mfg Co 906 N State St Big Rapids Mich
Macklin Co 2914 Wildwood Rd Jackson Mich
Mid-West Abrasive Co 510 W Washington S Owosso Mich
Norton Co 1 New Bond St Worcester 6 Mass
Rogers (Samuel C) & Co 191 Dutton Ave Buffalo 11 NY
Treyco Prods 149 Longmeadow Rd Buffalo 23 NY

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Felton Sibley & Co Inc 136 N 4th St Philadelphia 6 Pa
Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill
Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa
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Glaziers Tool Mfg Co 611 W Adams Chicago 6 Ill
GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO
Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
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MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA

**CAULKING GUNS
FOR SPEED LOADS OR BULK**

See pages 56-59

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Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio
National Guard Prods Inc 540 Jackson Ave Memphis 7 Tenn
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Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich
Protex Weatherstrip Mfg Co 4508 S Western Ave Chicago Ill
Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich
Steelcofe Mfg Co 3418 Gratiot St St Louis 3 Mo
Stewart-Warner Corp 1828 W Diversey Chicago 14 Ill
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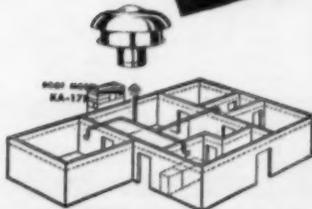


BUILDERS, CONTRACTORS—GET
YOUR IMPORTED

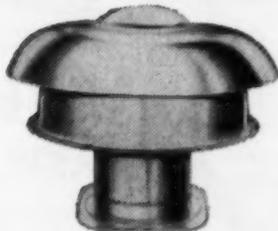
Sheffield Steel Steak Knife and Carving Set

FREE

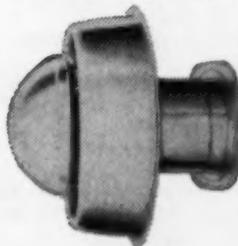
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WALL MULTIPLE-VENT MODEL KITCHEN-AIRE



Multiple-Vent



All-Aluminum
ROOF Model KA-17R
800 CFM—3 Speed
Retail List Price—\$74.95



All-Aluminum
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800 CFM—3 Speed
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America's Newest and Finest Ventilating Fan
for Kitchen, Bathroom, Laundry, Utility Room, Gameroom,
Living Room, Bedroom—because

1. The only kitchen fan that will remove odors, hot, smoky, dusty, greasy and damp air from 3 rooms at one time, through a central duct system.
2. Can be used in ceilings or sidewalls with or without damper diffusers.
3. Self-cleaning.
4. Has famous General Electric Motor. Needs no greasing or oiling. 5 year warranty.
5. Can be installed in new house jobs by 1 man in 1 hour.
6. For new and old homes.
7. Weatherproof. No downdrafts. Rain, snow, and wind cannot get in.
8. Eliminates costly hoods over gas and electric stoves.
9. Does not interfere with heating or air-conditioning.
10. Comes complete with 3-speed switch and simple instructions.
11. Keeps walls, ceilings, furniture, draperies cleaner longer.
12. Will help sell new homes faster. Kitchen-Aire is a wonderful feature for any home.

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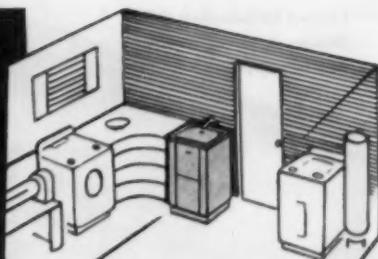
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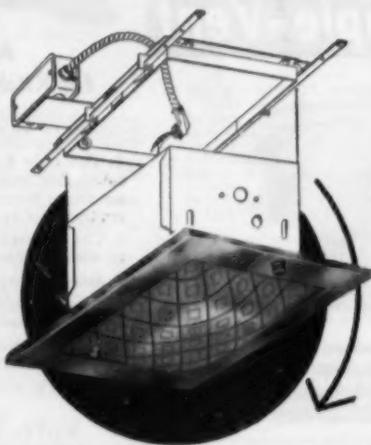
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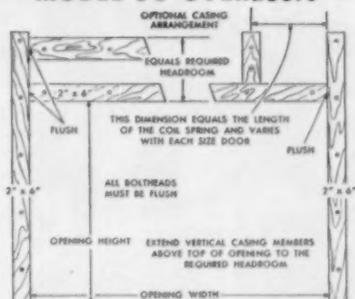
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Corp Park & Orchard Sts New Britain Conn
**CORBIN (P&F) DIV AMERICAN HARD-
WARE CORP** 102 WASHINGTON ST NEW
BRITAIN CONN
DEXTER LOCK CO 1669 MADISON AVE
GRAND RAPIDS 2 MICH
ENGINEERED PRODS CO 129 SMITH ST
PLINT 3 MICH
Extension Drawer Support Co 2319 W Wash-
ington Los Angeles 18 Calif
Fivale Equipment Mfg Co 105 Reade St New
York 18 NY
FRANTZ MFG CO 301 W 3RD ST STERLING
ILL



OVERdoors · OPERATORS · RADIO CONTROL

MODEL 50 OVERdoors



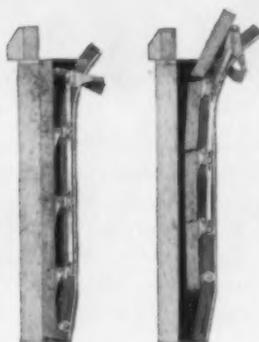
Sizes and Space Required—Standard

Model 50 sizes go up to 265 sq. ft. not exceeding 20' wide, 20' high. Model 100 (extra-heavy Model 50 hardware) sizes go up to 400 sq. ft., not exceeding 28'2" wide, 21'6" high. Headroom—16" (13 3/8" min.) Sideroom—4" Center Post—8" Backroom—Door Height plus 18" (12" min.)

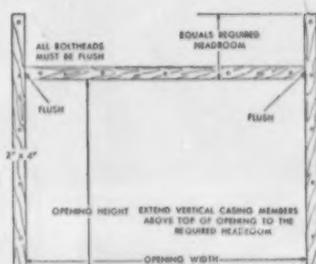
Cam Closing Action

1. Weather-tight closing because cam action locks door snugly against stop strips.
2. Easy-working because cam action releases door instantly. Full 1/2" clearance prevents sticking or binding.

EXCLUSIVE FEATURES: WEATHER-KING panels guaranteed for life; Doornaments for individualized door styling; self-latching night lock; continuous track mounting; rubber bumper, weather-stripping.



MODEL 31 OVERdoors



Sizes and Space Required—Standard

Model 31 sizes go up to 120 sq. ft. not exceeding 16'2" wide and 10'6" high. Headroom—14" (12 1/4" min.) Sideroom—4" Center Post—8" Backroom—Door Height plus 14" (12" min.)

WEDGE CLOSING ACTION

Same high quality hardware as Model 50 OVERdoor but has wedge type closing system found only in higher-priced models of other manufacturers. Has high-quality features of a "deluxe" model yet priced competitively.

EXCLUSIVE FEATURES: WEATHER-KING panels guaranteed for life; Doornaments for individualized door styling; self-latching night lock; continuous track mounting.



2 basic door models meet most price and size requirements ...door operators may be electrically or radio-controlled

Only Barber-Colman Company manufactures a complete line of overhead type doors, door operators, and controls for residential, commercial and industrial applications. Summary information on doors is given above—detailed, descriptive literature is available on request on doors as well as on door operators and con-

trols. Electric door operators are engineered in several models for heavy industrial, light industrial, commercial and residential use—all models may be controlled by a variety of electric switches or by radio control. Your Barcol distributor will install, guarantee, and service.



Phone your Barcol distributor listed under "Doors" in phone book or write for specifications catalog F1406.

BARBER-COLMAN COMPANY, DEPT. Q54, ROCKFORD, ILL.
OVERdoors and Operators • Automatic Controls • Industrial Instruments
Air Distribution Products • Aircraft Controls • Small Motors • Molded Products • Metal Cutting Tools • Machine Tools • Textile Machinery



MARLITE WALLS

*help you get
the right price for
your new homes*

Give dry wall construction that "look of luxury" with new Marlite Plank and Block. Builders have discovered this easily installed plastic-finished paneling means faster completions with more sales appeal. And home buyers appreciate Marlite's beauty, easy maintenance, and elimination of periodic redecorating.

Prefinished in 10 "Companion Colors" styled by Raymond Loewy Associates in a semi-lustre finish,

plus 4 distinctive wood patterns, Marlite is "at home" in every room from basement to attic. It goes up fast with a special tongue and groove joint which eliminates joint coverings. And all fastenings are concealed in the finished job.

For complete information, see your building materials dealer, refer to Sweet's File, or write Marsh Wall Products, Inc., Dept 403 Dover, Ohio. Subsidiary of Masonite Corporation.

that's the beauty of **Marlite®**



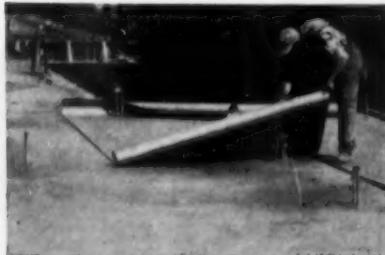
PLASTIC-FINISHED WALL AND CEILING PANELING

Marlite Plank and Block Patent Applied For—Made With Genuine Masonite® Tempered Duolux®

Reenforced Waterproof Papers for...

- ✓ Weather Protection
- ✓ Insulation
- ✓ Vapor Barrier
- ✓ Concealed Flashing

SISALKRAFT	SISALATION	COPPER-ARMORED SISALKRAFT																										
<p>Concrete Curing . . . Protection . . . Sub-Fill Membrane</p> <p>Protects from traffic and frost, marring and staining. Provides the best uniformly-cured concrete. Prevents loss of cement and water into sub-fill — assures denser, harder, moisture-free concrete.</p> <table border="1"> <thead> <tr> <th colspan="2">Stock Sizes</th> </tr> <tr> <th>Width</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>36"</td> <td>225 and 500 sq. ft.</td> </tr> <tr> <td>48"</td> <td>666 and 1200 sq. ft.</td> </tr> <tr> <td>60"</td> <td>1000 and 1500 sq. ft.</td> </tr> <tr> <td>72"</td> <td>1000 and 1800 sq. ft.</td> </tr> <tr> <td>84"</td> <td>1000 and 2100 sq. ft.</td> </tr> <tr> <td>96"</td> <td>1200 and 2400 sq. ft.</td> </tr> </tbody> </table> <p>Blankets — Widths from 8'6" to 26'6" Lengths up to 100'</p>	Stock Sizes		Width	Amount	36"	225 and 500 sq. ft.	48"	666 and 1200 sq. ft.	60"	1000 and 1500 sq. ft.	72"	1000 and 1800 sq. ft.	84"	1000 and 2100 sq. ft.	96"	1200 and 2400 sq. ft.	<p>Sidewall Insulation . . . Approximately 3¢ per Sq. Ft.</p> <p>Combination vapor barrier and reflective insulation. Protects against condensation damage (paint peeling, rotting wood, interior wall staining). Very strong. Both sides coated with pure aluminum. Costs only about \$30 for average 5 room house.</p> <table border="1"> <thead> <tr> <th colspan="2">Stock Sizes</th> </tr> </thead> <tbody> <tr> <td>36"</td> <td>— 225 and 500 sq. ft.</td> </tr> <tr> <td>48"</td> <td>— 666 sq. ft.</td> </tr> </tbody> </table>	Stock Sizes		36"	— 225 and 500 sq. ft.	48"	— 666 sq. ft.	<p>Provides protection equal to heavy Copper at 1/5th the cost</p> <p>Ideal for all concealed flashing and waterproofing. Electro sheet copper laminated to heavy creped kraft and reenforced with tough fibres. Many decorative uses.</p> <table border="1"> <thead> <tr> <th colspan="2">Stock Sizes</th> </tr> </thead> <tbody> <tr> <td>Widths:</td> <td>4", 6", 10", 12", 15", 20", 30", 60".</td> </tr> </tbody> </table> <p>All in rolls of 120 lineal feet. Weights of pure copper per sq. ft.: 1 oz. — 2 oz. — 3 oz.</p>	Stock Sizes		Widths:	4", 6", 10", 12", 15", 20", 30", 60".
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Using Sisalkraft for curing and protecting concrete.



Using Sisalation to insulate walls. "Row-in" between studs allows maximum reflectivity.



Copper Armored Sisalkraft is permanent, won't kink or tear.

AMERICAN
SISALKRAFT
CORPORATION

Attleboro, Mass. • Chicago 6, Ill. • New York 17, N. Y. • San Francisco 5, Calif.

Write for samples, application information and name of nearest Sisalkraft dealer to American Sisalkraft Corporation, Dept. AB-4, Attleboro, Mass.

Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 23 Ill
 Gensco Tools 1830 N Kostner Ave Chicago 39 Ill
GRAND RAPIDS HARDWARE CO 560 ELEVENTH ST NW GRAND RAPIDS 2 MICH
GRANT PULLEY & HARDWARE CORP 31-85 WHITESTONE FLUSHING 54 NY
 Griffin Mfg Co 1515 Cherry St Erie 6 Pa
 H & M Cabinet Service 802 E 5th Auburn Ind
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
 Heller (W C) & Co 1050 Bryant St Montpelier Ohio
 Ideal Brass Works Inc 250 East Fifth St St Paul 1 Minn
 Illinois Lock Co 822 S Ada St Chicago 7 Ill
INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS
IVES (H B) CO 5 ARTIZAN ST NEW HAVEN 8 CONN
 Knape & Vogt Mfg Co 658 Richmond NW Grand Rapids Mich
LAKE DRIVE PRODS PO BOX 32 EDGERTON WIS
LAWRENCE BROS STERLING ILL
MACLANBURG-DUNCAN CO 4641 N SANTA FE OKLAHOMA CITY OKLA
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1950 GRAND AVE MIDDLETOWN OHIO
 Modern Plastics Co 4641 Pacific Blvd Los Angeles Calif
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
NATIONAL LOCK CO 1982 7TH ST ROCKFORD ILL
NATIONAL MFG CO STERLING ILL
NORDAHL CO 180 W ALAMEDA AVE BURBANK CALIF
 Old Guilford Forge Guilford Conn
 Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif

Shelby Metal Prods Co PO Box 525 Shelby Ohio
 Shelby Spring Hinge Co Shelby Ohio
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
SOSS MFG CO 21777 HOOVER RD DETROIT 13 MICH
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
STANLEY WORKS NEW BRITAIN CONN
 Star Metal Prods Inc 370 Butler St Brooklyn 17 NY
STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL
 Technical Glass Co Inc 2050 E 48th St Los Angeles 58 Calif
 Vimcar Sales Co PO Box 2187 Van Nuys Calif
 Washington Steel Prods 1940 E 11th St Tacoma 2 Wash
 Weher-Knapp Co 441 Chandles St Jamestown NY
 Western Door & Plywood Corp 1835 NW 17th St Portland 4 Ore
WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF
 Yale & Towne Mfg Co Henry St Stamford Conn

AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY
 Atkinson Mfg Co 502-14 S James Ludington Mich
 Autoyre Co Oakville Conn
 Brainerd Mfg Co N Washington & Harris E Rochester NY
 Champion Hardware Co 3300 Miller St Geneva Ohio
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
 Duncan Shaw Corp 33 W 42nd St New York 18 NY
 Equipment Mfg Co Inc 1400 Spruce Kansas City 6 Mo
 Fiwale Equipment Mfg Co 105 Reade St New York 13 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
IVES (H B) CO 5 ARTIZAN ST NEW HAVEN 8 CONN
 Judd (H L) Co 87 Chambers St New York 7 NY
 K D K Upset Forging Co 2645 N Keeler Kenosha 18 Ill
 Ken-Robt Co Van Buren Ohio
 Knape & Vogt Mfg Co 658 Richmond NW Grand Rapids Mich
 Kraus (Walter S) Co 48-02 43rd St Woodside 77 NY
 Larson Co Ave "G" & C&N Ry Sterling Ill
 Leigh Building Prods Div Air Control Prods Inc Glade St Larch Cooperaville Mich
MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL
 Modern Plastics Co 4641 Pacific Blvd Los Angeles Calif
NORDAHL CO 180 W ALAMEDA AVE BURBANK CALIF
 Parker (S) Hardware Mfg Co 27 Ludlow St New York 2 NY
 Peabody Co Inc 5816 S Hooper Ave Los Angeles Calif
 Pop-Loc Prods Co 16110 Brookpark Rd Cleveland Ohio
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON NEW BRITAIN CONN
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
 Shelby Spring Hinge Co Shelby Ohio
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
STANLEY WORKS NEW BRITAIN CONN
 Universal Steel Equipment Corp 32-35 47th Ave New York 1 NY
 Vimcar Sales Co PO Box 2187 Van Nuys Calif
 Washburn Co 28 Union St Worcester Mass
 Yale & Towne Mfg Co Henry St Stamford Conn

▶ HARDWARE, CASEMENT WINDOW

AMERICAN CABINET HARDWARE CORP 416 S MAIN ST ROCKFORD ILL
AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY
 Casement Hardware Co 612 N Michigan Ave Chicago 11 Ill
 Champion Hardware Co 3300 Miller St Geneva Ohio
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
 Croft Steel Prods Inc 10 Market St Jamestown NY
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
DEXTER LOCK CO 1609 MADISON AVE GRAND RAPIDS 2 MICH
 Fiwale Equipment Mfg Co 105 Reade St New York 13 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Getty (H S) & Co Inc 3348 N 10th St Philadelphia 40 Pa
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
 Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn
IVES (H B) CO 5 ARTIZAN ST NEW HAVEN 8 CONN
 Kees (F D) Mfg Co 700 Park Ave Beatrice Neb
LAWRENCE BROS STERLING ILL
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
 Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif
 Parker (S) Hardware Mfg Co 27 Ludlow St New York 2 NY
 Parlyn Inc 1600 Monterey Pass Monterey Park Calif
 Peabody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif
 Phoenix Lock Co 327 3rd Ave Newark 7 NJ
 Rixson (Oscar D) Co 4450 Carroll Ave Chicago 25 Ill
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON NEW BRITAIN CONN
 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
 Shelby Spring Hinge Co Shelby Ohio
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL
 Universal Window Co 950 Parker St Berkeley 10 Calif
 Whitney (Vincent) Co PO Box 335 Sausalito Calif
 Yale & Towne Mfg Co Henry St Stamford Conn

▶ HARDWARE, DOOR

Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif
AMERICAN CABINET HARDWARE CORP 416 S MAIN ROCKFORD ILL

GENUINE
Amerock
HARDWARE

CATCHES

Colonial designs



R9765
Magnetic
CATCH



Modern designs





Catches for every need in Chromium, Brass, Copper, and Colonial finishes.

AMERICAN CABINET HARDWARE CORP

ROCKFORD, ILL

GENUINE
Amerock
HARDWARE

Colonial Door Hardware



Latches, hinges, and pulls in Colonial Black, Antique Copper, or Swedish Iron Finish.

AMERICAN CABINET HARDWARE CORP

ROCKFORD, ILL

Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Parlyn Inc 1600 Monterey Pass Monterey Park Calif
 Peabody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif
 Penn-Akron Hardware Corp 32nd Ave & 57th St Woodside 77 NY
 Petko Industries 1107 E 8th St Los Angeles 21 Calif
 Phoenix Lock Co 327 3rd Ave Newark 7 NJ
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON NEW BRITAIN CONN
 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
 Selek (Walter E) & Co 223 W Hubbard Chicago 10 Ill
 Sharon Hardware Mfg Co 248 Pearce St Sharon Pa

▶ HARDWARE, CLOTHES CLOSET

Aeme Appliance Mfg Co 35 S Raymond Ave Pasadena 1 Calif
AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN

AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
 American Sliding Door Hardware Corp 2084 First Ave New York 29 NY
 Champion Hardware Co 3300 Miller St Geneva Ohio
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
DEXTER LOCK CO 1609 MADISON AVE GRAND RAPIDS 2 MICH

Erco Mfg Co 2368 Elston Ave Chicago 14 Ill
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Glide-Away Door Div Stamping Prods & Mfg Co 6500 Mack Ave Detroit 7 Mich
GRANT PULLEY & HARDWARE CORP 31-85 WHITESTONE FLUSHING 54 NY
INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS
IVES (H B) CO 5 ARTIZAN ST NEW HAVEN 8 CONN
KWIKSET SALES & SERVICE CO 516 E SANTA ANA ANAHEIM CALIF
LAWRENCE BROS STERLING ILL
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
NATIONAL HARDWARE CO 101-57 100TH ST OZONE PARK NY
NATIONAL MFG CO STERLING ILL
 Nudor Mfg Co 3226 Fulton Ave N Hollywood Calif
 Old Guilford Forge Guilford Conn
 Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Peerless Mfg Co Inc 2100 N 11th St Reading Pa
 Penn-Akron Hardware Corp 32nd Ave & 57th St Woodside 77 NY
 Phoenix Lock Co 327 3rd Ave Newark 7 NJ
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
 Shelby Spring Hinge Co Shelby Ohio
 Skillman Hardware Co Edgewood Ave Trenton 4 NJ
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
SOSS MFG CO 21777 HOOVER RD DETROIT 13 MICH
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
 Starline Inc 300 W Front St Harvard Ill
 Weis (Henry) Mfg Co 941 Oak St Elkhart Ind
 Western Door & Plywood Corp 1835 NW 17th St Portland 4 Ore
WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY
 Wright Prods Inc St Paul Park Minn
 Yale & Towne Mfg Co Henry St Stamford Conn

▶ HARDWARE, DOOR, ACCESSORY

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 Adams Co The PO Box 268 Dubuque Iowa
ADAMS RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF
 Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif
ALLITH-PROUTY INC 819 N BOWMAN AVE DANVILLE ILL
ALLMETAL WEATHERSTRIP CO 2241 N KNOX AVE CHICAGO 39 ILL
AMERICAN CABINET HARDWARE CO 416 S MAIN ST ROCKFORD ILL
AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY
 Baldwin Mfg Corp 1290 Central Ave Hillside NJ
 Buseh (A G) & Co Inc 2632 N Central Ave Chicago 39 Ill
 Challenger Lock Co 4865-4903 Exposition Los Angeles Calif
 Champion Hardware Co 3300 Miller St Geneva Ohio
 Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 37 NY
 Cipeco Corp 22nd & Cole Sts St Louis 6 Mo
 Clinton Lock Co 78 31st Ave "N" Clinton Iowa
 Columbus Brass Mfg Co 1284 Edgell Rd Columbus 13 Ohio
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
DEXTER LOCK CO 1609 MADISON AVE GRAND RAPIDS 2 MICH
ENGINEERED PRODS CO 129 SMITH ST FLINT 3 MICH
 Erco Mfg Co 2368 Elston Ave Chicago 14 Ill
 Fiske (J W) Iron Works 80 Park Place New York 7 NY
 Fiwale Equipment Mfg Co 105 Reade St New York 13 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL

Geneco Tools 1830 N Kostner Ave Chicago 39 Ill
 Grand Rapids Wire Prods Co 501 Front Ave Grand Rapids 4 Mich
 Grand Specialties Co 3101 W Grand Ave Chicago 22 Ill
GRANT PULLEY & HARDWARE CORP 31-85 WHITESTONE FLUSHING 54 NY
 Griffin Mfg Co 1515 Cherry St Erie 6 Pa
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
 Honeycutt Mfg Co Inc 2715 Oak St Kansas City 8 Mo
 Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn
IVES (H B) CO 5 ARTIZAN ST NEW HAVEN 8 CONN
 Kant-Slam Door Check Co Box 228 Bloomfield Ind
 Kees (F D) Mfg Co 700 Park Ave Beatrice Neb
 Kentucky Metal Prods Co 3106 Preston St Louisville 13 Ky
KWIKSET SALES & SERVICE CO 516 E SANTA ANA ANAHEIM CALIF
LABORATORY EQUIPMENT CORP HILLTOP RD ST JOSEPH 6 MICH
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
 Milwaukee Stamping Co 800 S 72nd St Milwaukee 14 Wis
 Modern Plastics Co 4641 Pacific Blvd Los Angeles Calif
 National Guard Prods Inc 540 Jackson Ave Memphis 7 Tenn
NATIONAL LOCK CO 1902 7TH ST ROCKFORD ILL
 Newman Bros Inc 660-70 West 4th St Cincinnati 3 Ohio
 Norwalk Lock Div Segal Lock & Hardware Co 395 Broadway New York 13 NY
 Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Parlyn Inc 1600 Monterey Pass Monterey Park Calif
 Peabody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif
 Petko Industries 1107 E 8th St Los Angeles 21 Calif
 Phenix Mfg Co 4129 N Port Washington Rd Milwaukee 12 Wis
 Phoenix Hardware Mfg Co Perry & Illinois Sts Buffalo NY
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Reese Padlock Co 126 Sherman St Lancaster Pa
RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL
 Rittenhouse Co Inc Earl St Honayre Falls NY
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON NEW BRITAIN CONN
 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
SCHLAGE LOCK CO 2201 BAY SHORE BLVD SAN FRANCISCO 19 CALIF
 Segal Lock & Hardware Co Inc 395 Broadway New York 7 NY
 Shelby Metal Prods Co PO Box 525 Shelby Ohio
 Shelby Spring Hinge Co Shelby Ohio
 Skillman Hardware Co Edgewood Ave Trenton 4 NJ
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
 Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga
 Standard Mirror Co 141 Milton & PRR Buffalo NY
STANLEY WORKS NEW BRITAIN CONN
STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL
 Sultan Bros 1470 39th Brooklyn 18 NY
 Taylor Lock Co 2034 W Lippincott Philadelphia 32 Pa
 Trego Industries Box 211 Red Oak Texas
WAGNER MFG CO 18T & WASHINGTON CEDAR FALLS IOWA
 Washington Mfg Co Box 370 Washington Iowa
WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF
 Westwood Mfg Co Box 2261 Los Angeles 54 Calif
 Yale & Towne Mfg Co Henry St Stamford Conn

▶ HARDWARE, DRAWER KNOBS & PULLS

Acorn Mfg Co Mansfield Mass
ADAMS RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF
 Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif
 American Brass Goods Co 188 Cottage Grove Grand Rapids Mich

AMERICAN CABINET HARDWARE CORP 416 S MAIN ST ROCKFORD ILL
AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY
BENDIX MOULDINGS INC 192 LEXINGTON AVE NEW YORK 16 NY
 Brainerd Mfg Co N Washington & Harris E Rochester NY
 Challenger Lock Co 4865-4903 Exposition Los Angeles Calif
 Champion Hardware Co 3300 Miller St Geneva Ohio
 Chicago Wood & Plastic Prods Co 4201 W Irving Park Chicago 41 Ill
 Cipeco Corp 22nd & Cole Sts St Louis 6 Mo
 Colonial Bronze Co Winsted Rd Torrington Conn
 Cooke (R F) Mfg Co Cooke Pl Orange Mass
 Corbin Cabinet Lock Div American Hardware Corp Park & Orchard Sts New Britain Conn
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
DEXTER LOCK CO 1609 MADISON AVE GRAND RAPIDS 2 MICH
 Eldon Mfg Co 1010 E 62nd St Los Angeles 1 Calif
ENGINEERED PRODS CO 129 SMITH ST FLINT 3 MICH
 Erco Mfg Co 2368 Elston Ave Chicago 14 Ill
 Fiwale Equipment Mfg Co 105 Reade St New York 13 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Garden City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill
GRANT PULLEY & HARDWARE CORP 31-85 WHITESTONE FLUSHING 54 NY
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
 Heller (W C) & Co 1050 Bryant St Montpelier Ohio
IVES (H B) CO 5 ARTIZAN ST NEW HAVEN 8 CONN
 Knappe & Vogt Mfg Co 658 Richmond NW Grand Rapids Mich
LAWRENCE BROS STERLING ILL
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
 Modern Plastics Co 4641 Pacific Blvd Los Angeles Calif
NATIONAL LOCK CO 1902 7TH ST ROCKFORD ILL
NATIONAL MFG CO STERLING ILL
 Norwalk Lock Div Segal Lock & Hardware Co 395 Broadway New York 13 NY
 Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Parlyn Inc 1600 Monterey Pass Monterey Park Calif
 Peabody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif
 Petko Industries 1107 E 8th St Los Angeles 21 Calif
 Phoenix Lock Co 327 3rd Ave Newark 7 NJ
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
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 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
SCHLAGE LOCK CO 2201 BAYSHORE BLVD SAN FRANCISCO 19 CALIF
 Segal Lock & Hardware Co Inc 395 Broadway New York 7 NY
 Selck (Walter E) & Co 223 W Hubbard Chicago 10 Ill
 Shelby Spring Hinge Co Shelby Ohio
 Sierra Electric & Mfg Co 544 E 31st Los Angeles Calif
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
STANLEY WORKS NEW BRITAIN CONN
 Stiles (H A) Co 169 N Washington Boston 14 Mass
 Sultan Bros 1470 39th Brooklyn 18 NY
 Technical Glass Co Inc 2050 E 48th St Los Angeles 58 Calif
 Turner Brass Works 821 Park Ave Sycamore Ill
 United States Glass Co Fourth Ave & Vine Tiffin Ohio
 Warren (J D) Mfg Co Montpelier Ohio
WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF
 Westwood Mfg Co Box 2261 Los Angeles 54 Calif
 Yale & Towne Mfg Co Henry St Stamford Conn

▶ HARDWARE, GARAGE DOOR

ALLITH-PROUTY INC 819 N BOWMAN AVE DANVILLE ILL
AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
BARBER-COLMAN CO 120 MILL ST ROCKFORD ILL
 Busch (A G) & Co Inc 2632 N Central Ave Chicago 39 Ill
CALDER MFG CO 630 N PRINCE ST LANCASTER 12 PA
 Capitol Prods Co 118 S Third St Springfield Ill
 Champion Hardware Co 3300 Miller St Geneva Ohio
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
 Commander Door Inc Maple Ave & R&O RR Holmes Pa
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
CRAWFORD DOOR CO 20263 HOOVER RD DETROIT 5 MICH
 Fiwale Equipment Mfg Co 105 Reade St New York 13 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Glide-Away Door Div Stamping Prods & Mfg Co 6500 Mack Ave Detroit 7 Mich
 Grand Specialties Co 3101 W Grand Ave Chicago 22 Ill
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS
LAWRENCE BROS STERLING ILL
 Loudon Machinery Co 1120 Broadway Fairfield Iowa
MCKEE DOOR CO 110 HANKES AURORA ILL
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
NATIONAL MFG CO STERLING ILL
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Phenix Mfg Co 4129 N Port Washington Rd Milwaukee 12 Wis
RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL
 Sharon Hardware Mfg Co 249 Pearce St Sharon Pa
SHEFFIELD DOORS INC ROCKFORD ILL
 Shelby Spring Hinge Co Shelby Ohio

Slaymaker Lock Co 115 SW End Ave Lancaster Pa
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
STANLEY WORKS NEW BRITAIN CONN
 Stanley Works Garage Hardware Div New Britain Conn
 Starline Inc 300 W Front St Harvard Ill
 Sterling Bolt Co 363 W Erie St Chicago Ill
STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL
 Stronghold Screw Prods 1883 W Winnemac Chicago 40 Ill
 Tavant Co 15134 S Orizaba Paramount Calif
WAGNER MFG CO 1ST & WASHINGTON CEDAR FALLS IOWA
 Western Prods Inc New Castle Ind
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY
 Yale & Towne Mfg Co Henry St Stamford Conn

▶ HARDWARE, GARAGE, FOLDING DOOR

Clinton Lock Co 78-31st Avenue N Clinton Ia
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Griffin Mfg Co 1515 Cherry St Erie 6 Pa
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
LAWRENCE BROS STERLING ILL
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
NATIONAL MFG CO STERLING ILL
 Peabody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif
 Sharon Hardware Mfg Co 249 Pearce St Sharon Pa
 Stanley Works Garage Hardware Div New Britain Conn
WAGNER MFG CO 1ST & WASHINGTON CEDAR FALLS IOWA
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

▶ HARDWARE, GARAGE, UPWARD-ACTING

ALLITH-PROUTY INC 819 N BOWMAN AVE DANVILLE ILL
 Arrowsmith Tool & Die Co 9700 Bellanca Ave Los Angeles 45 Calif
BARBER-COLMAN CO 120 MILL ST ROCKFORD ILL
 Bi-Bilt Door Co 950 Harbor Rd Egg Harbor City NJ
CALDER MFG CO 630 N PRINCE ST LANCASTER 12 PA
 Capitol Prods Co 118 S Third St Springfield Ill
 Clay Equipment Corp 23 Bulder St Cedar Falls Iowa
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
 Fiwale Equipment Mfg Co 105 Reade St New York 13 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
LAWRENCE BROS STERLING ILL
 Loudon Machinery Co 1120 Broadway Fairfield Iowa
MCKEE DOOR CO 110 HANKES AURORA ILL
 Phenix Mfg Co 4129 N Port Washington Rd Milwaukee 12 Wis
RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL
 Rixson (Oscar D) Co 4450 Carroll Ave Chicago 25 Ill
SHEFFIELD DOORS INC ROCKFORD ILL
STANLEY WORKS NEW BRITAIN CONN
 Stanley Works Garage Hardware Div New Britain Conn
 Starline Inc 300 W Front St Harvard Ill
 Tavant Co 15134 S Orizaba Paramount Calif
 Vimear Sales Co PO Box 2187 Van Nuys Calif
WAGNER MFG CO 1ST & WASHINGTON CEDAR FALLS IOWA
 Wel-Bilt Vulcan Co Box 95 Memphis Tenn
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

▶ HARDWARE, LADDER

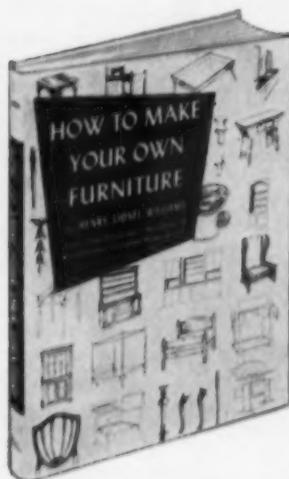
American Ladder Co 5509 NW 7th Ave Miami 38 Fla
 Babcock (WW) Co Inc Delaware Ave Bath NY
 Caster Mold and Machine Co 1171 Wooster Rd N Barberton Ohio
 Goshen Churn & Ladder Inc 1930 Estes Blvd Goshen 4 Ind
 Helder Mfg Co Carroll Iowa
 Heller (WC) & Co 1050 Bryant St Montpelier Ohio
 Larson Ladder Co 651 Martin Av Santa Clara Calif
 Newark Ladder & Bracket Co Inc 17 Walnut Ave (Clark) Rahway NJ
 Richbitt Mfg Co 3277 Spring Grove Cincinnati 25 Ohio

▶ HARDWARE, REVOLVING SHELF

H & M Cabinet Service 802 E 5th Auburn Ind
LAKE DRIVE PRODS PO BOX 22 EDGEMONT WIS
TRIANGLE MFG CO 406 DIVISION ST OSHKOSH WIS
 Washington Steel Prods 1940 E 11th St Tacoma 2 Wash

▶ HARDWARE, SCREEN & STORM SASH

Acorn Mfg Co Mansfield Mass
 Air-Tite Window Stay Co Chicopee Mass
 Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif
 Alto Mfg Co 1647 W Wolfram Chicago 13 Ill
AMERICAN CABINET HARDWARE CO 416 S MAIN ST ROCKFORD ILL
AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
 Busch (AG) & Co Inc 2632 N Central Ave Chicago 39 Ill
 Casement Hardware Co 612 N Michigan Ave Chicago 11 Ill
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
 Clinton Lock Co 78 31st Avenue N Clinton Iowa
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN



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 SAVE MONEY! Send \$3.95 with your order and we pay postage and handling. Same return privilege guaranteed. Your money refunded if not satisfied.

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AND THESE BUILT-INS, TOO

Recessed Bookshelf, Cupboard, Corner Cupboard, Door-Flanking Bookcase, Three-Unit Counter and Cupboard, Closet and Dressing Table Alcove, Corner Seat, Closet-Bank-Desk, Divan with Drawers, Twin Beds with Bookshelf-Desk, Sofa with Bookcase and End Tables, Wall Angle Cabinet, Corner Counter with Drop Table, Bathroom Kitchens or Bar Counter, Double Banks, Bedstead or Attached, Cabinet Table for Corner Beds.



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NEW IMPROVED FIBERGLAS INSULATION

Your homes will be easier to build—easier to sell—now that new improved Fiberglas* Building Insulation is here!

EASIER TO BUILD because the new Fiberglas Building Insulation is easier to handle. It's made with finer, longer fibers of glass . . . has improved handleability . . . is a cinch to cut with hand-knife or scissors.

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TV. They'll be looking for the new Fiberglas Insulation in the homes they buy.

REMEMBER, this is the same fine Fiberglas Insulation you've been using—only better! Won't rot, decay, pack down. Has a self-contained vapor barrier . . . strong nailing flange with time-saving inch and foot markings. Available in roll and batt blankets. Use and promote the new improved Fiberglas Building Insulation in *all* your homes this year. Order today from your distributor, wholesaler or building supply dealer. Owens-Corning Fiberglas Corporation, Dept. 62-D, Toledo 1, Ohio.

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Dennis (WJ) & Co 4444 Irving Pk Rd Chicago 41 Ill
ENGINEERED PRODS CO 129 SMITH ST FLINT 3 MICH
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 General Hardware Mfg Co Inc 80 White St New York 13 NY
 Griffin Mfg Co 1515 Cherry St Erie 6 Pa
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
 Handy Things Mfg Co N Rowe Street Ludington Mich
 Hasco Industries Inc Railroad Ave E Northport LI NY
 Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn
INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS
 Koon (F D) Mfg Co 700 Park Ave Beatrice Neb
 Knappe & Vogt Mfg Co 658 Richmond NW Grand Rapids Mich
 Larson Co Ave "C" & C&NW Ry Sterling Ill
LAWRENCE BROS STERLING ILL
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
 Ludwig Mfg Co Inc 1405 16th St Racine Wis
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
NATIONAL LOCK CO 1902 7TH STREET ROCKFORD ILL
NATIONAL MFG CO STERLING ILL
 Norwalk Lock Div Segal Lock & Hardware Co 395 Broadway New York 13 NY
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Penn-Akron Hardware Corp 32nd Ave & 57th St Woodside 77 NY
 Petko Industries 1107 E 8th St Los Angeles 21 Calif
 Phoenix Mfg Co 4129 N Port Washington Rd Milwaukee 12 Wis
 Republic Lock Co 327 Third Ave Newark 7 NJ
 Republic Hardware & Distributing Corp 1067 E 14th St Indianapolis 20 Ind
REYNOLDS METALS CO BUILDING PRODS DIV 2001 8 NINTH ST LOUISVILLE 1 KY
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 162 WASHINGTON ST NEW BRITAIN CONN
 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
 Sharon Hardware Mfg Co 249 Pearce St Sharon Pa
 Shelby Spring Hinge Co Shelby Ohio
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
STANLEY WORKS NEW BRITAIN CONN
STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL
 Vimcar Sales Co PO Box 2187 Van Nuys Calif
 Washburn Co 28 Union St Worcester Mass
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY
 Yale & Towne Mfg Co Henry St Stamford Conn

▶ HARDWARE, SLIDING DOORS

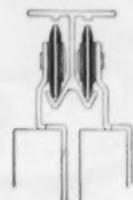
Accurate Metal Weatherstrip Co 216 E 26th St New York 10 NY
 Acme Appliance Mfg Co 35 S Raymond Ave Pasadena 1 Calif
ADAMS-RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF
 Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif
ALLIETH-PROUTY INC 819 N BOWMAN AVE DANVILLE ILL
AMERICAN HARDWARE CORP CORBIN (P&F) DIV 162 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 162 WASHINGTON ST NEW BRITAIN CONN
AMERICAN SCREEN PRODS CO 867 NW 20TH ST MIAMI 37 FLA
 American Sliding Door Hardware Corp 2084 First Ave New York 29 NY
 Clay Equipment Corp 23 Builder St Cedar Falls Iowa
CLEVELAND STEEL SPECIALTY CO 3771 E 9187 ST CLEVELAND 5 OHIO
 Clinton Lock Co 78 31st Avenue N Clinton Iowa
 Colorado Fuel & Iron Corp Clinton Mass
 Corbin Cabinet Lock Div American Hardware Corp Park & Orchard Sts New Britain Conn
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 162 WASHINGTON ST NEW BRITAIN CONN
ENGINEERED PRODS CO 129 SMITH ST FLINT 3 MICH
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Gamma City Plating & Mfg Co 1750 N Ashland Ave Chicago 22 Ill
 Garrick & Custer Inc 2050 W Florence Ave Los Angeles 47 Calif
GRANT PULLEY & HARDWARE CORP 31-85 WHITESTONE FLUSHING 54 NY
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO

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Knappe & Vogt Mfg Co 658 Richmond NW Grand Rapids Mich
 Lanebro Mfg Co 110 Main St W Poughkeepsie NY
 Air Control Prods Inc Glade St at Larch Cooperaville Mich
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
 Long (Ralph L) Co 3570 Olive Lemon Grove Calif
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MACLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA



M-D Sliding Door HARDWARE

FOR ALL DOORS UP TO 70 LBS.

3/4", 1", 1 1/2" and wall pocket doors

- ★ Never jumps track!
- ★ Completely noiseless!

See Pages 56-59

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NATIONAL MFG CO STERLING ILL
 Ney Mfg Co 948 High Ave SW Canton 4 Ohio
NORDAHL CO 180 W ALAMEDA AVE BURBANK CALIF
 Olson Mfg Co 620-24 S Broadway Albert Lea Minn
 Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Parlynn Inc 1600 Monterey Pass Monterey Park Calif
 Peabody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif
 Phoenix Lock Co 327-3rd Ave Newark 7 NJ
RICHARDS-WILCOX MFG CO 220 THIRD STREET AURORA ILL
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 162 WASHINGTON ST NEW BRITAIN CONN
 Sall (Harry) & Co Inc 964 N Darien St Philadelphia Pa
STANLEY WORKS NEW BRITAIN CONN
 Stanley Works Garage Hardware Div New Britain Conn
 Starline Inc 300 W Front St Harvard Ill
STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL
SUN VALLEY SLIDING DOOR CO 8354 SAN FERNANDO RD SUN VALLEY CALIF
 US Sliding Door Corp 25-16 12th St Long Island City NY
 Vimcar Sales Co PO Box 2187 Van Nuys Calif
WAGNER MFG CO 1ST & WASHINGTON CEDAR FALLS IOWA
 Washington Steel Prods 1940 E 11th St Tacoma 2 Wash
 Wel-Bilt Vulcan Co Box 95 Memphis Tenn
WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF
 Western Prods Inc New Castle Ind
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

▶ HARDWARE, VENETIAN BLIND

Bead Chain Mfg Co 110 Mount Grove St Bridgeport 5 Conn
 Bills Window Shade Venetian Bld 5459-69 S Lake Park Ave Chicago 15 Ill
 Carey-McFall Co 2156 E Dauphin St Philadelphia 25 Pa
CONSOLIDATED GENERAL PRODS INC PO BOX 7425 HOUSTON TEXAS
EASTERN MACHINE PRODS CO 1601 WICOMICO ST BALTIMORE 30 MD
EASTERN VENETIAN BLIND CO 1601 WICOMICO ST BALTIMORE 30 MD
 Fivale Equipment Mfg Co 105 Reade St New York 13 NY
HUNTER DOUGLAS CORP 150 BROADWAY NEW YORK 38 NY
 Levolor Lorentzen Inc 391 W Broadway New York 12 NY
REYNOLDS METALS CO BLDG PRODS DIV 2001 8 NINTH ST LOUISVILLE 1 KY
STAB EXPANSION BOLT CO 147-149 CEDAR ST NEW YORK 6 NY
 Venetian Blind Prods Co 600 Camelia St Berkeley Calif

▶ HARDWARE, WINDOW

A R B WINDOW SALES CO 306 E STATE FAIR DETROIT 3 MICH
 Acme Appliance Mfg Co 35 S Raymond Ave Pasadena 1 Calif
 Acorn Mfg Co Mansfield Mass
ADAMS-RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF
 Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif
AMERICAN CABINET HARDWARE CORP 416 S MAIN ROCKFORD ILL

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Actually Locks the Window

Streamlined Sash Lifts to Match 

"Lock Your Windows— Like You Lock Your Doors"

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ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY
 Austin & Eddy Inc Box 1504 Boston 4 Mass
 Austral Sales Corp 101 Park Ave New York 17 NY
 Casement Hardware Co 612 N Michigan Ave Chicago 11 Ill
 Champion Hardware Co 3300 Miller St Geneva Ohio
 Cipeco Corp 22nd & Cole Sts St Louis 6 Mo
 Clinton Lock Co 78-31st Avenue N Clinton Iowa
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 162 WASHINGTON ST NEW BRITAIN CONN
 Dennis (WJ) & Co 4444 Irving Pk Rd Chicago 41 Ill
 Detroit Hardware Mfg Co 1320 Mount Elliott Detroit 7 Mich
DETROIT STEEL PRODS CO 2250 E GRAND STREET DETROIT 11 MICH
DEXTER LOCK CO 1405 MADISON AVE GRAND RAPIDS 2 MICH
 Ereo Mfg Co 2368 Elston Ave Chicago 14 Ill
 Fivale Equipment Mfg Co 105 Reade St New York 13 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Getty (HS) & Co Inc 3348 N 10th St Philadelphia 40 Pa
GRAND RAPIDS HARDWARE CO 560 ELEVENTH ST NW GRAND RAPIDS 2 MICH
GRANT PULLEY & HARDWARE CORP 31-85 WHITESTONE FLUSHING 54 NY
 Griffin Mfg Co 1515 Cherry St Erie 6 Pa
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
 Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn
INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS
IVES (HR) CO 5 ARTIZAN ST NEW HAVEN 8 CONN



Houses that sell
like hot cakes...
usually have something
special inside!



Textolite[®]

plastic counter and wall surfacing

Here's a sure-fire recipe to sell your houses faster! Just add G-E Textolite surfacing in kitchens and bathrooms... for beauty... for practicality... and for *real* sales appeal!

Now available in a tremendous selection of over 70 exciting patterns and colors, G-E Textolite wears for years—beautifully. Rugged Textolite resists *heat, stains, and scratches*... stays sparkling new through hard household usage with just a wipe of a damp cloth.

Textolite patterns include authentic wood grains, luscious marble effects, and distinctive G-E designs like Medley and Ming... all planned to charm Mrs. Prospect right into her first mortgage. And she'll love it!

To tie in with G.E.'s color-choice appliances, Textolite has a complete new selection of beautiful patterns that match exactly, or contrast smartly with each of the colors in the G-E kitchen line. See them soon!

Progress Is Our Most Important Product

GENERAL  **ELECTRIC**

APRIL 1955



THE CORINTHIAN BATH
— as featured at the
1955 NAHB Show and
in leading national
magazines.

Shown above on shower walls, tub, and vanity is the beautiful G-E Textolite pattern FANTASIA... designed to look like real marble!

- Over 70 exciting colors and patterns!
- Home buyers *know* Textolite through powerful ad campaigns!
- The G-E name helps insure customer acceptance!
- Complete G-E color-choice kitchens... appliances and counters match for color harmony.

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P.O. Box 5911
Cleveland 1, Ohio

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Zone _____ State _____

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LAWRENCE BROS STERLING ILL
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
LUDMAN CORP 14100 BISCAYNE BLVD N MIAMI FLA
MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 21 PA
NATIONAL LOCK CO 1902 7TH STREET ROCKFORD ILL
NATIONAL MFG CO STERLING ILL
 Norwalk Lock Div Seal Lock & Hardware Co 395 Broadway New York 13 NY
 Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Parlyn Inc 1600 Monterey Pass Monterey Park Calif
 Pashbody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif
 Petko Industries 1107 E 8 Los Angeles 21 Calif
 Phenix Mfg Co 4129 N Port Washington Milwaukee 12 Wis
 Phoenix Lock Co 327 3rd Ave Newark 7 NJ
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
 Ritson (Oscar D) Co 4450 Carroll Ave Chicago 25 Ill
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 192 WASHINGTON ST NEW BRITAIN CONN
 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
 Sharon Hardware Mfg Co 249 Pearce St Sharon Pa
 Shelby Metal Prods Co PO Box 525 Shelby Ohio
 Shelby Spring Hinge Co Shelby Ohio
 Skillman Hardware Co Edgewood Ave Trenton 4 NJ
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
STANLEY WORKS NEW BRITAIN CONN
STAR EXPANSION BOLT CO 147-149 CEDAR ST NEW YORK 6 NY
 Star Metal Prods Inc 370 Butler St Brooklyn 17 NY
 Steel Window Prods Co 550 Nassau Rd Roosevelt L.I. NY
STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL
 Sun Metal Prods Co 3819 W Carroll Chicago 24 Ill
VAN NESS LOUVER CO 8354 SAN FERNANDO RD SUN VALLEY CALIF
 Vimear Sales Co PO Box 2187 Van Nuys Calif
 Vulcan Metal Prods 2801 6th Ave S Birmingham Ala
 Whitney (Vincent) Co PO Box 335 Sausalito Calif
 Wright Prods Inc St Paul Park Minn
 Yale & Towne Mfg Co Henry St Stamford Conn

▶ HEADS, DADO

Atlas Press Co 1901 N Pitcher St Kalamazoo Mich
BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 4 OHIO
 Consolidated Machinery Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
 Henry Dison & Sons Inc Unruh & Milnor Sts Philadelphia 35 Pa
 Jet Tool Co Box 247 Lemon Grove Calif
 Kneisel Electric Co 2501-9 LaGrange St Toledo 3 Ohio
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
 Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa
 Western Saw Works 1844 W Washington Los Angeles Calif
 Yates-American Machine Co 729 Fourth St Beloit Wis

▶ HEARTH, CANTILEVER

DONLEY BROTHERS CO 13910 MILES AVE CLEVELAND 5 OHIO

▶ HEATERS, BATHROOM

Adam (Frank) Electric Co Box 357 Main PO St Louis Mo
 Adams Bros Mfg Co Inc 1500 North Ave W Pittsburg 33 Pa
 Armstrong Prods Corp PO Box 940 Huntington 12 W Va
 Atlanta Stove Works 112 Krog St NE Atlanta Ga
 Birmingham Stove & Range Co PO Box 2593 Birmingham 2 Ala
 Cavalier Corp 341 W First St Chattanooga Tenn
 Day & Night Mfg Div Affiliated Gas Equipment Inc 700 Royal Oaks Dr Monrovia Calif

Electriglas Corp Newbridge & Windsor Bergenfield NJ
 Electromode Corp 45 Crouch St Rochester 3 NY
EMERSON ELECTRIC MFG CO 8100 FLORISANT AVE ST LOUIS 21 MO
 Galbraith (C C) & Sons Electric Corp 450 Ave of Americas New York 11 NY
 LaSalle Prods Inc 143 Seneca St Buffalo 3 NY
 Markel Electric Prods Inc 129-149 Seneca St Buffalo 3 NY
MIAMI CABINET DIV CAREY-PHILIP MFG CO 1950 GRAND AVE MIDDLETOWN OHIO
OHIO FOUNDRY & MFG CO 629 SLACK ST STEUBENVILLE OHIO
 Peerless Mfg Co 1400 W Ormsby St Louisville 16 Ky
PERFECTION STOVE CO 7609 PLATT AVE CLEVELAND 4 OHIO
PRYNE & CO INC 140 N TOWNE AVE POMONA CALIF
 Ravens Metal Prods Co 6518 Ravens Seattle Wash
 Shepler Mfg Co 1229-43 Goebel St Pittsburgh 25 Pa
THERMADOR ELECTRICAL MFG CO 5215 BOYLE VERNON CALIF
 West Electric Heater Co 399 First St San Francisco Cal
WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA

▶ HEATERS, COAL

AMERICAN RADIATOR & STANDARD SANITARY CORP BESSEMER BLDG PITTSBURGH 30 PA
 Athens Stove Works Inc Hicks St Athens Tenn
 Atlanta Stove Works 112 Krog St NE Atlanta Ga
 Birmingham Stove & Range Co PO Box 2593 Birmingham 2 Ala
 Brown Stove Works Inc Cleveland Tenn
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
 Excelsior Stove & Mfg Co 534 S Front St Quincy Ill
 King Stove & Range Co PO Box 271 Sheffield Ala
 Locke Stove Co 114 W 11th St Kansas City 5 Mo
 Monarch Malleable Iron Range Co Beaver Dam Wis
 Mt Vernon Furnace & Mfg Co Mt Vernon Ill
 Stokermatic Co 1610 Industrial Rd Salt Lake City Utah
 Tennessee Stove Works 14th at Belt Ry Chattanooga Tenn
 Washington Stove Works 3402-22 Smith St Everett Wash

▶ HEATERS, CONCRETE

Aerofil Prods Co Inc 69 Wesley St S Hackensack NJ
 American Steel Works 1211 W 27th Kansas City 8 Kan
 Hauck Mfg Co 124-36 10th St Brooklyn 15 NY
 Unique Mfg Co Inc 221 W Walton Chicago Ill

▶ HEATERS, CONTRACTORS, PORTABLE

Aerofil Prods Co Inc 69 Wesley St S Hackensack NJ
 Cahoon Distributing Co 9999 Broadstreet Detroit 4 Mich
 Electriglas Corp Newbridge & Windsor Bergenfield NJ
 Electromode Corp 45 Crouch St Rochester 3 NY
 Fageol Heat Machine Co 5725 Mount Elliott Detroit 11 Mich
 Harms All Gas Co Allison Iowa
HERMAN NELSON 215 CENTRAL AVE LOUISVILLE KY
 International Mfg Co 675 Rio Grande Ave Littleton Colo
 Jackson Mfg Co Loehel Rd Harrisburg Pa
LENNOX FURNACE CO 209 S 12TH AVE MARSHALLTOWN IOWA
MASTER VIBRATOR CO 151 STANLEY AVE DAYTON OHIO
PERFECTION STOVE CO 7609 PLATT AVE CLEVELAND 4 OHIO
 Sandvik Saw & Tool Corp 47 Warren St New York 7 NY
 Vulcan Electric Co 88 Holten St Danvers Mass
WESTERN METAL SPECIALTY CO 1211 N 62ND ST MILWAUKEE 13 WIS

▶ HEATERS, ELECTRIC

Adam (Frank) Electric Co Box 357 Main PO St Louis Mo
 Alker Mfg Co 4242 N Lincoln Chicago 18 Ill
 Armstrong Prods Corp PO Box 940 Huntington 12 W Va
 Blue Ridge Glass Corp Kingsport Tenn

Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Cavalier Corp 341 W First St Chattanooga Tenn
 Coburn Mfg Co Whitewater Wis
 Colloid Equipment Co Inc 19 Murray St New York 7 NY
 Electrend Prods Corp Box 110 St Joseph Mich
 Electriglas Corp Newbridge & Windsor Bergenfield NJ
 Electromode Corp 45 Crouch St Rochester 3 NY
 Excelsior Stove & Mfg Co 534 S Front St Quincy Ill
 Galbraith (C C) & Son Electric Corp 450 Ave of Americas New York 11 NY
 Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 Ill
 Heatmore Inc 59 Throop Ave Brooklyn 6 NY
 Kennedy Co 1620 Dime Bldg Detroit 26 Mich
 Lightmore Appliance Corp 59 Throop Ave Brooklyn 6 NY
 Meier Electric & Machine Co Inc 3525 E Washington Indianapolis Ind
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
NU TONE INC RED BANK & MADISON CINCINNATI 27 OHIO
 Palmer Mfg Co 2200 W Fillmore Phoenix Ariz
 Philadelphia Electrical Mfg Co 1200 N 31st St Philadelphia 21 Pa
PRYNE & CO 140 N TOWNE AVE POMONA CALIF
 Ravens Metal Prods Co 6518 Ravens Seattle Wash
 Rutenber Electric Co Inc Marion Ind
 Thermoray Corp South Buckhout St Irvington-Hudson NY
 Vulcan Electric Co 88 Holten St Danvers Mass
 West Electric Heater Co 399 First St San Francisco Calif

▶ HEATERS, GAS

Adams Bros Mfg Co Inc 1500 North Ave W Pittsburg 33 Pa
AMERICAN RADIATOR & STANDARD SANITARY CORP BESSEMER BLDG PITTSBURGH 30 PA
 Armatron Prods Corp PO Box 940 Huntington 12 W Va
 Atlanta Stove Works 112 Krog St NE Atlanta Ga
 Automatic Gas Equipment Co 301 Brushton Ave Pittsburgh 21 Pa
 Birmingham Stove & Range Co PO Box 2593 Birmingham 2 Ala
BRYANT HEATER DIV AFFILIATED GAS EQUIPMENT INC 17825 ST CLAIR AVE CLEVELAND 10 OHIO
 James B Clow & Sons 201-299 N Talman Chicago 80 Ill
 Cole Hot Blast Mfg Co 3817 S Racine Ave Chicago 9 Ill
COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KAN
 Coronair Heater Corp 1422 Euclid Ave Cleveland 15 Ohio
 Cribben & Sexton Co 700 N Sacramento Chicago 12 Ill
 Day & Night Mfg Div Affiliated Gas Equipment Inc 700 Royal Oaks Dr Monrovia Calif
 Dearborn Stove Co 1700 W Commerce St Dallas Texas
 Dewey-Shepard Boiler Co 1311 N Capitol Ave Indianapolis Ind
 Dravo Corp Dravo Bldg Pittsburgh 22 Pa
 Duo-Therm Div Motor Wheel Corp Mount Hope & Washington Lansing 3 Mich
 Empire Stove Co 918 Freeburg Ave Belleville Ill
 Excelsior Stove & Mfg Co 534 S Front St Quincy Ill
 Florence Stove Co Room 1459 Merchandise Mart Chicago 54 Ill
 Folsom Co Inc 3104 Oak Lane Dallas 10 Tex
 Glenwood Range Co 300 W Water St Taunton Mass
 Gray & Dudley Co 2390 Clifton Road Nashville Tenn
HAMMEL RADIATOR ENGINEERING CO 3348 MOTOR AVE LOS ANGELES CALIF
 Harms All Gas Co Allison Iowa
 Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 Ill
 Henry Furnace Co Medina Ohio
HERMAN NELSON 215 CENTRAL AVE LOUISVILLE KY
 Hydrotherm Inc Clinton Ave Northvale NJ
 King Stove & Range Co PO Box 271 Sheffield Ala
LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF
 Locke Stove Co 114 W 11th St Kansas City 5 Mo
 Lomergan Mfg Co Clark St Albion Mich
 Magie Chef Inc 1641 S Kingshighway St Louis 10 Mo
 Mt Vernon Furnace & Mfg Co Mt Vernon Ill
 National Radiator Co 223 Central Ave Johnstown Pa
 Norge Heat Div Borg-Warner Corp 760 E Vine St Kalamazoo Mich
ORIG FOUNDRY & MFG CO 629 SLACK ST STEUBENVILLE OHIO
 Payne Furnace Co 700 Royal Oaks Dr Monrovia Calif



TAKE A
COMPLETE "SHOP"
 TO THE JOB

**Take Stanley's New
 No. 183 Builders Kit**

This new Builders Kit gives you a complete and compact "shop" that goes right with you to the job. Includes a Stanley 16" Power Plane, $\frac{3}{4}$ h. p. Router and Butt Templet.



Power Plane quickly trims doors, windows and storm sash to fit; Router makes hinge mortising better and easier; Butt Templet guides Router



in mortising. You'll find plenty of other uses for this new Builders Kit in making book-cases, cabinets and interior trim on the job.



No. 183 BUILDERS KIT CONSISTS OF —

- $\frac{3}{4}$ h.p., 22,000 rpm Router
- 16" Power Plane
- Straight and Circular Gauge
- Door and Jamb Butt Templet

- Stationary mounting frame
- Sturdy, metal carrying case
- Cutters, Tools and Instruction Book

For more information write Stanley Electric Tools, 104 Myrtle St., New Britain, Conn.

STANLEY

Electric Tools

A Division of The Stanley Works



HARDWARE • TOOLS • ELECTRIC TOOLS • STEEL • STEEL STRAPPING

**QUICK FACTS
FOR BUILDERS**

Weldwood®

WELDWOOD HARDWOODS

Beautiful hardwood paneling helps sell homes! Real wood plywood paneling by Weldwood says quality in any price class home . . . the use of a wood paneled wall as a focal point in a living room, recreation room, den or bedroom is now a proved selling tool for builder homes in every section of the country. Perhaps you have already used Weldwood softwood paneling like knotty pine or knotty cedar—step up to hardwoods for even more selling appeal!

The most popular light-colored woods are Korina® Nakora®, oak, American elm, maple, limba, birch. Steadily growing in popularity are these medium- and darker-colored woods: African mahogany, cherry, walnut, Philippine mahogany, Samara® and Honduras mahogany.

New to the Weldwood line—and especially important to builders—are the Weldwood *pre-finished* panels—regular Weldwood quality but with superb finishes that save you expensive, time-consuming on-the-job finishing. Available in smooth-surfaced panels and in grooved *V-Plank*®—the new Weldwood panel that gives the effect of random planking.

Algoma Grade Hardwoods are produced from veneers carefully selected and matched for uniform color. For years they have been the standard of the industry for residential paneling.

Architectural Grade Hardwoods—Weldwood Plywoods representing the art of wood veneering at its highest point of perfection, made from superlative veneers exquisitely matched. The finest hardwood plywood it is possible to buy. Also obtainable on fire-resistant wood or mineral cores.

Save money on any grade by selecting shorter panels that sell for a lower price per foot; these panels can often be cut with less waste. Instead of the usual order for 4' x 8' panels, see if 4' x 4', 4' x 5', 4' x 6' or 4' x 7' panels won't serve your purpose equally well.



Specifications

ALGOMA GRADE HARDWOODS

Thicknesses: 1/8", 1/4", 3/8", 1/2", and 3/4".
Stock sizes: 4' x 4' to 4' x 8', and in following widths and lengths to order.

Widths: 24" to 48"; also available in Counterfront widths of 72", 96", 120" and 144".

Lengths: 48" to 144"; also in Counterfront lengths of 28" to 48".

NOTE: Not all of the above listed woods are available in all sizes and thicknesses. Consult your Weldwood salesman for sizes in woods required.

ARCHITECTURAL WELDWOOD

In all the usual species plus Brazilian rosewood, teak, zebra wood and many other exotic woods.

Thickness: 3/4"—Available in a wide assortment of panel sizes up to 84" x 144"—grain in either direction.

*Trade Mark

PLANKWELD[†]

PRE-FINISHED,
EASY-TO-INSTALL
PANELING THAT COMES
IN A PACKAGE

†REG. AND PAT. PENDING

- ★ Extremely easy to install.
- ★ No visible nailing. Long edges are grooved to fit into each other, and panels are held in place by simple metal clips.
- ★ Beautifully pre-finished at factory.
- ★ Can be installed over existing plaster, dry wall or directly on furring strips or studs.
- ★ Makes any room distinctively beautiful.
- ★ Seven attractive woods from which to choose.



SPECIFICATIONS:

Natural Birch
Plain Sliced Oak
Honduras Mahogany
Philippine Mahogany
Korina
Walnut
Knotty Pine
Thickness: 1/4"—3 ply.
Widths: 16 1/4".
Lengths: 72", 84", 96", 108", 120".

Weldwood Molding for Trim

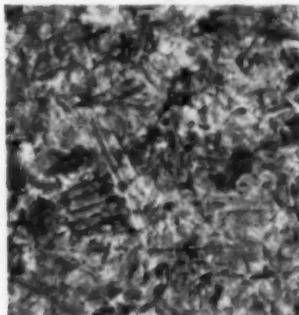
(PAT. PEND.)



Weldwood paneled rooms can be speedily and economically finished off with Weldwood Moldings, aluminum moldings with faces of genuine hardwood veneers which exactly match the faces of the most popular types of Weldwood Plywood. In addition to the inside corner, outside corner, cap and divider styles, we now offer all-plywood cove moldings in two styles and five different woods.

◦ ► Real wood paneling helps sell homes.

Weldwood Specialty wood paneling



Novoply[®] A completely new and different wood panel produced from wood chips and wood veneer flakes. • Strong 3-ply construction. • Gleaming wood-mosaic surface makes it increasingly popular with builders and architects. • Paint it, stain it, or leave its natural, beautiful finish. • The flattest panel ever made—*virtually warp-free*.

Larger sizes up to 72" x 144" and 48" x 192" are available on quantity special orders.

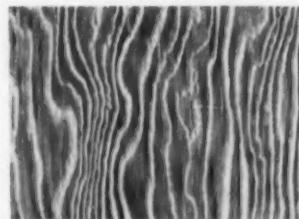
Specifications:

PINE NOVOPLY

Thickness: 3/8"—48" x 96", 1/2"
—48" x 96", 3/4"—30" x 48",
30" x 60", 12" x 72", 18" x 72",
24" x 72", 30" x 72", 36" x
60", 36" x 72", 36" x 96", 48"
x 72", 48" x 84", 48" x 96"
1"—48" x 192".

REDWOOD NOVOPLY

3/8"—3 ply—48" x 96",
3/4"—3 ply—48" x 96".



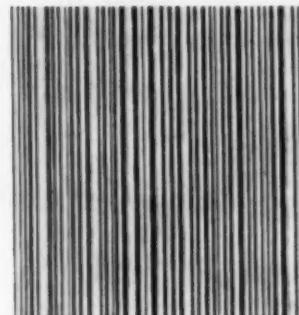
Sea Swirl[®] Driftwood-like texture with clear faces. Perfect for dens, playrooms, cabins, resort buildings—gives a room a fine, informal atmosphere.

Surfwood[®] Like Sea Swirl but with an attractive knotty appearance that gives rustic effect. Very low price.

Specifications:

Thickness: 5/16"

Panel Size: 4' x 8'



Weldtex[®] Deep grooves augment beauty of natural wood. • Has a beautiful three-dimensional quality. • Grooves conceal butt joints and face nails. • Little expansion and contraction because grooves relieve surface tension. • Can be painted, stained or left natural. (Finishing instructions with Firzite and Satinlac on request.) • Low cost . . . easy and economical to install. • No grain raising or checking. • Completely protected by patents. • Makes homes more beautiful—easier to sell.

Specifications:

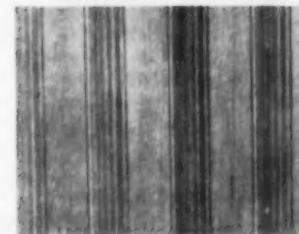
WELDTEx comes in fir, Philippine mahogany, gum and select gum.

Thicknesses: Interior—3/8", 3/4"
in fir only. Exterior—3/8".

Width: 48".

Lengths: Fir—72", 84", 96",
108" and 120". Philippine mahog-
any—96" and 108". Gum—96".

Also available in squares: 11 1/8",
12", 15 1/8", 16" and 24". In fir
only, 11 1/8" and 15 1/8". Packed in
handy cartons.



Planktex^{*} Combines striations of Weldtex with bands of smooth-surfaced wood. Available unfinished or completely pre-finished by skilled woodcraftsmen.

Specifications:

PLANKTEX comes in Philippine mahogany only.

Thickness: 3/8". **Width:** 48".

Length: 96". Available unfinished
or pre-finished.

There is a
Weldwood
Product
for every
part of
the home

APRIL 1955



- Concrete forms
- Wall and Roof Sheathing
- Finishing Materials and Adhesives
- Cabinets and built-ins
- Interior walls
- Exterior Siding Materials
- Counters, Table Tops and Bars
- Doors
- Sub-flooring
- Bathrooms and Kitchens
- Hardboards

Weldwood[®]

United States Plywood Corporation

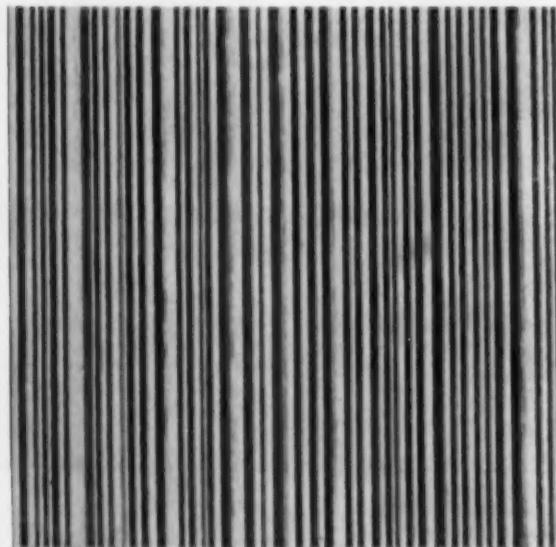
World's Largest Plywood Organization, New York 36, N. Y.
82 Distributing units in Principal Cities • Dealers Everywhere

QUICK FACTS
FOR BUILDERS

Weldwood®



Dramatic rough texture of Texture 111 is well-suited for siding, gable ends, soffits, breezeways and for striking interior decorative effects. Speedily installed panels look best when stained rather than painted. Darker shades especially look stunning on ranch and other one-story homes. Clear finishes not recommended.



Exterior Weldtex and Weldtex Siding are widely used for homes, stores, motels, commercial buildings of all kinds. Weldtex does not check and takes paint, stain and other types of exterior finishes perfectly. Approved by FHA on Federal Housing jobs. Weldtex is produced under exclusive United States Plywood patents: U. S. Patents 2286068, 2363927, 2363492.

Weldwood Texture One-Eleven

EXTERIOR FIR PLYWOOD EXT-DFPA®

SPECIFICATIONS:

Type: Exterior Type Douglas fir plywood with 100% waterproof glue EXT-DFPA meets U. S. Commercial Standard US CS45-55.

Thickness: 3/8-inch, 5-ply construction. Can be installed without sheathing.

Appearance: Unsanded (rough) for texture. All plys are C-quality Douglas fir veneer. Permits tight knots up to 1 1/2"; knotholes up to 1", splits up to 1/8". Faces are free from patches or tape.

Widths: Two patterns . . . 16/2 and 32/4. The 16/2 pattern is of panels 16" wide net (16 3/8" overall) with grooves 2" o.c. The 32/4 pattern is of panels 32" wide net (32 3/8" overall) with grooves 4" o.c. Grooves are 3/8" wide and 1/4" deep. All panels are rabbeted both edges to provide hidden joints (shiplap) and make another groove at each joint.

Custom grooving available where quantities warrant.

Lengths: 96", 108" and 120". (Shorter lengths also available.)

Packaging: In sturdy, attractive corrugated containers.

Exterior Weldtex®

EXTERIOR FIR PLYWOOD EXT-DFPA®

SPECIFICATIONS:

Type: Exterior type Douglas fir plywood with 100% waterproof glue EXT-DFPA meets U. S. Commercial Standard US CS45-55.

Thickness: 3/8-inch, 3-ply construction.

Appearance: Surface is completely striated with deep, irregularly cut grooves running the full length of the panel. Gives fine textured look with interesting highlights and shadows. Butt seams do not show and face nails are concealed in the grooves; no grain raising or checking; little expansion or contraction because striations relieve surface tension; easy to finish and economical in initial cost and in installation.

Width: 48".

Lengths: 84", 96", 108" and 120".

Special Siding: Weldtex is also available in the same thickness cut into wide panels 48" x 15 3/8" and packaged in bundles of 22 panels. Grain runs vertically the length of the panel. Very economical—can be installed quickly at great savings in labor cost. Wide panels make for a handsome, weather-tight job with a minimum of seams.

◦ ▶ Interior and exterior plywoods

Douglas Fir Weldwood

Grades of Interior type Weldwood	GRADE TRADEMARKS	FACE	BACK	WIDTHS (INCHES)	LENGTHS (INCHES)	THICKNESSES (INCHES)
	Interior A-A	A	A	30, 36, 48	60, 72, 84, 96, 120, 144	1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4
Interior A-B	A	B	30, 36, 48	60, 72, 84, 96, 120, 144	1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1	
Plypanel	A	D	30, 36, 48, 60	60, 72, 84, 96, 120, 144	1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4	
Plybase	B	D	30, 36, 48	60, 72, 84, 96, 120, 144	1/8, 1/4, 3/8, 1/2, 5/8, 3/4	
Plyscord	C	D	24, 30, 36, 48	72, 84, 96, 108, 120	3/8, 1/2, 5/8, 3/4	
L-1R (Interior) Plyform	B	B	48	96, 120	3/8, 1/2	

Grades of Exterior type Weldwood	FACE	BACK	WIDTHS (INCHES)	LENGTHS (INCHES)	THICKNESSES (INCHES)
	Ext-A-A	A	A	30, 36, 48	60, 72, 84, 96, 108, 120, 144, 168, 192
Ext-A-B	A	B	30, 36, 48, 60	60, 72, 84, 96, 108, 120, 144, 168, 192	1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/8, 1 3/8, 1 1/2
Ext-Plyshield	A	C	30, 36, 48, 60	60, 72, 84, 96, 108, 120, 144, 168, 192	1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/8, 1 3/8, 1 1/2
Ext-Utility	B	C	30, 36, 48	60, 72, 84, 96, 108, 120, 144, 168, 192	1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/8, 1 3/8, 1 1/2
Ext-Sheathing	C	C	24, 36, 48	72, 84, 96, 108, 120	3/8, 1/2, 5/8, 3/4
Ext-Plyform	B	B	36, 48	72, 84, 96, 120	3/8, 1/2

Low-cost Weldbord

Here's an all-purpose good-one-side gum plywood that's priced economically—within range of the lowest priced softwood. Weldbord is made from the finest grade southern hardwood. Finishes beautifully—no pre-sealer is needed, there is no annoying grain raise. Takes paint and stain perfectly. Available in 8' x 4', 7' x 4' and 6' x 4' panel sizes 1/4" thick. (Grain runs short way.)

Weldwood Duraply®

Weldwood Duraply is plastic-faced fir plywood finding wide use as a low-cost, weather-resistant panel for exterior siding, utility paneling, garage doors, kitchen cabinets, counters, signs and many, many other applications. Its extremely smooth surface takes paint beautifully, gives maximum protection against grain raise and checking. Especially adaptable to farm building construction because it's tough and abrasion-resistant.

SPECIFICATIONS:

Thicknesses—1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 1", 1 1/8", 1 3/8", 1 1/2"

Available in either 3- or 5-ply with one or both faces plastic faced.

Width: 48"

Lengths: 96", 108" and 120"

There is a
Weldwood
Product
for every
part of
the home



- Concrete forms
- Wall and Roof Sheathing
- Finishing Materials and Adhesives
- Cabinets and built-ins
- Interior walls
- Exterior Siding Materials
- Counters, Table Tops and Bars
- Doors
- Sub-flooring
- Bathrooms and Kitchens
- Hardboards

Weldwood®

United States Plywood Corporation
World's Largest Plywood Organization, New York 36, N. Y.
82 Distributing units in Principal Cities • Dealers Everywhere

**QUICK FACTS
FOR BUILDERS**

Weldwood

DOORS assure permanent beauty

Novoply® Sliding Door Units

- Precision built Novoply sliding door units are prepackaged ready to install, complete with hardware.
- Novoply is the flattest, most dimensionally stable wood panel made.
- Can be painted or stained to match interiors or left natural.
- Novoply sliding door units are free from warping and sticking. Units are available in many sizes and are easy to install.

Weldwood "Stay-Strate"® Flush Doors

- For interior and exterior installations.
- Each door individually registered.
- Core is Weldrok® the incombustible mineral composition which gives 25% greater insulation than lumber core door.
- Specifications: Stock thickness—1 3/4" — in wide range of standard sizes. Face veneers: oak, birch, walnut, Korina®, and other hardwoods.

**UNCONDITIONAL GUARANTEE
on Weldwood
"Stay-Strate" and Fire Doors**

United States Plywood Corporation unconditionally guarantees, if properly installed, this Weldwood Door against warping, twisting, or manufacturing defects for the LIFE OF THE INSTALLATION. If any Weldwood "Stay-Strate" or Fire Door should fail to meet these standards, said door will be replaced without charge, including all labor costs of hanging and refinishing involved.

FEATURES	BENEFITS	APPLICATIONS	SPECIFICATIONS	
WELDWOOD FIRE DOOR	A beautiful wood veneered fire door bearing Underwriters' label, approved for class B and C openings. Also approved by Factory Mutual Labs. Weldrok® incombustible mineral core is banded with wood treated with Class A fireproofing agent. Lightest fire door on the market. Guaranteed against warping or binding for life of installation. Patent No. 2,593,050	Guaranteed fire protection Low maintenance Lightweight for ease of opening and closing	Ideal for homes with attached garages, institutions, offices, hotels Interior and exterior use	For interior and exterior use STOCK THICKNESS: 1 3/4" Available in a wide range of sizes, and face veneers of birch and other select hardwoods—domestic and foreign
		SEE GUARANTEE ABOVE		
SOLID LUMBER CORE DOOR	Permanent dimensional stability assured because of exacting, scientific construction. Waterproof glued. Virtually warp-free	Good-looking Inexpensive	For both interiors and exteriors Wherever solid wood core desired	For interior and exterior use Available in wide range of standard sizes, with faces of birch, mahogany, walnut, oak STOCK THICKNESS: 1 3/4", 1 1/4", also 2 1/4" Stall doors—1 3/4", 1 1/4"
HOLLOW CORE FLUSH DOOR	Lightweight, durable—won't sag, warp or buckle 40 per cent lighter than standard panel doors Long life—slam tested 25,000 times Popularly priced, installed in thousands of houses	Lightweight for ease of opening and closing Economical—can be finished natural or painted	For interior use in sliding doors, closets and other house doors	For interior use only STOCK THICKNESS: 1 3/4", 1 1/4" Other sizes, widths and openings cut to special order Available in wide range of standard sizes—faces of gum, birch, oak, walnut, mahogany and Korina
CUPBOARD DOORS	Available in wide range of stock types including NOVOPLY 5-ply Weldwood Cupboard stock or larger-size panels. Solid lumber core stock available, banded on four sides. Permits trimming on each dimension; will not warp, sag, or bind	Beautiful, natural grain requires no finishing, easy to install. Can be painted, stained	Cupboard doors for cabinets in kitchens, bathrooms, bedrooms	Available in wide variety of sizes, veneers and stock faces and thicknesses Veneers available: birch, pine and Douglas Fir or solid NOVOPLY Stock available with either one or two good faces
FIR AND PINE DOORS	All standard designs Easy to install and finish Carefully made, thoroughly inspected interior and exterior applications	Low in cost, attractive looking, matches pine paneling	Ideal for use in homes, offices	Available in wide range of sizes and thicknesses on order
WELDWOOD PARTITION PANELS	Ready-made attractive wood partitions with exclusive Weldrok incombustible mineral core—lightweight, durable Faced with a choice of beautiful hardwoods Simple to install Guaranteed for the "Life of Installation"	Handsome hardwood faces. Cuts sound twice as much as 2 x 4 stud wall with metal lath and plaster Low maintenance	Homes, offices, schools, apartments, hospitals, showrooms	Wood veneered on both sides. Different veneers can be specified for either face of panel. Panels available in all woods THICKNESS: 1 3/4" All sizes up to 48" x 96" or 96" x 48" available on order VENEERS: Can be obtained with faces of birch, oak, walnut, Korina, mahogany, elm and other fine woods

There is a Weldwood Product for every part of the home



- Concrete forms
- Wall and Roof Sheathing
- Finishing Materials and Adhesives
- Cabinets and built-ins
- Interior walls
- Exterior Siding Materials
- Counters, Table Tops and Bars
- Doors
- Sub-flooring
- Bathrooms and Kitchens
- Hardboards

Weldwood®

United States Plywood Corporation

World's Largest Plywood Organization, New York 36, N.Y.
82 Distributing units in Principal Cities • Dealers Everywhere

QUICK FACTS FOR BUILDERS

Weldwood

QUALITY HARDBOARD
for every building need

Top Quality

Each Weldwood Hardboard panel is manufactured by a strict quality controlled method that provides exact uniformity in thickness, size, density and hardness. It's quality you can depend on never to vary. There is no finer hardboard made.

Special Features

Weldwood Hardboards are rugged, all-wood fiber panels with unusual strength and durability—completely free of imperfections. They won't crack, chip, dent or splinter. They are easy to fabricate and finish beautifully.

Immediate Delivery

You get fast, on-schedule delivery of every type of Weldwood Hardboard from your lumber dealer or through any of the 82 conveniently located United States Plywood distributing units in principal cities.

A size and type for every need from ONE reliable source—**Weldwood!**

WELDWOOD STANDARD HARDBOARD . . . For walls, ceilings and other interior uses. Has a hard, smooth surface on one side. Excellent finishing qualities . . . easily worked.

WELDWOOD TEMPERED HARDBOARD . . . For exterior applications or where hard usage is encountered. Impregnated with special tempering compound for greater strength, abrasion-resistance and moisture-resistance.

WELDWOOD BLACK TEMPERED HARDBOARD . . . This is Weldwood Tempered Hardboard to which a black dye has been added.

WELDWOOD WALLTUF HARDBOARD . . . Recommended for interior applications where the strength and hardness of Standard Hardboard is not required.

WELDWOOD UNDERLAYMENT . . . Ideal hardboard for use as a smooth, flat surface over wood floors or wood sub-floors before laying linoleum, cork tile, rubber tile, asphalt tile or carpeting.

WELDWOOD HARDBOARD EXTERIOR SIDING . . . A special tempered and fabricated hardboard for use as exterior lap siding. Exceptionally strong. Has a hard, grainless surface that holds paint longer.

WELDWOOD DEKATILE . . . Score lines are pressed into one surface of this hardboard to form 4-inch squares. Makes a very distinctive wall paneling for kitchens, bathrooms and washrooms. Has low rate of water absorption.

WELDWOOD TEMPERED DEKALUX . . . For exterior and interior use. Smooth on both sides. Impregnated with tempering compound to increase strength and abrasion-resistance. Will resist moisture.

WELDWOOD DEKALEATHER . . . A tempered hardboard with one side embossed to simulate leather. Rich tone-on-tone effects may be obtained by various finishing methods. For offices, lounges and wherever leather-like finishes are desired.

WELDWOOD PERFOBOARD . . . As a paneling, it is both decorative and functional. Designed to hold or display a variety of items. Permits quick changes without repairs. Holds standard hardware and eliminates nails, screws or tools of any kind.

WELDWOOD HARDPLY . . . great structural strength . . . for cupboard doors, bench tops, available in thicknesses of $\frac{1}{2}$ " , $\frac{3}{4}$ " and $\frac{1}{4}$ "

WELDWOOD PRIME-COATED HARDBOARD . . . Comes already prime-coated in standard tempered and Walltuf types. Speeds job completion by eliminating on-the-job priming.

WELDWOOD DEKAPLY . . . is a low density laminated hardboard for use as cupboard door stock and as a strong sturdy core material. It is of 2 and 3 ply construction in $\frac{1}{2}$ " and $\frac{3}{4}$ " thicknesses.

In wide range of sizes from

4' x 16' to 4' x 1'

Exterior Siding from

12" x 96" to 24" x 192"

Dekalux from

5' x 16' to 4' x 1'

Thickness range from

$\frac{1}{10}$ " x $\frac{1}{4}$ "

There is a
Weldwood
Product
for every
part of
the home



- Concrete forms
- Wall and Roof Sheathing
- Finishing Materials and Adhesives
- Cabinets and built-ins
- Interior walls
- Exterior Siding Materials
- Counters, Table Tops and Bars
- Doors
- Sub-flooring
- Bathrooms and Kitchens
- Hardboards

Weldwood®

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World's Largest Plywood Organization, New York 36, N.Y.
82 Distributing units in Principal Cities • Dealers Everywhere

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 Pioneer Water Heater Corp 3131 San Fernando Los Angeles 65 Calif
 Preway Inc 1430 Second St N Wisconsin Rapids Wis
 Quaker Mfg Co 1147 Merchandise Mart Chicago Ill
 Queen Stove Works Inc 505 Front St Albert Lea Minn
REZNOH MFG CO DAVID ST MERCER PA
 Rheem Mfg Co 801 Chesley Ave Richmond Calif
 Rheem Mfg Co 4361 Firestone South Gate Calif
 Royal Jet Inc 1024 Westminster Alhambra Calif
 Ruud Mfg Co 2934 Smallman St Pittsburgh 1 Pa
 Siebring Mfg Co Peven St George Iowa
 Silent Sioux Corp 208 W College Ave Orange City Iowa
TEMCO INC 4104 PARK AVE NASHVILLE 9 TENN
 Tennessee Enamel Mfg Co 4104 Park Ave Nashville 9 Tenn
 Trane Co 3rd and Cameron La Crosse Wis
 Utility Appliance Corp 4851 S Alameda St Los Angeles 58 Calif
 Young Radiator Co 709 S Marquette St Racine Wis
ZINK (JOHN) CO 4401 S PEORIA TULSA 5 OKLA

▶ HEATERS, OIL

Aerol Prods Co Inc 69 Wesley St S Hackensack NJ
 American & Southern Corp 1000 6th S Nashville Tenn
 Cole Hot Blast Mfg Co 3817 So Racine Ave Chicago 9 Ill
COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KAN
 Dewey-Shipard Boiler Co 1311 N Capitol Ave Indianapolis Ind
 Dravo Corp Dravo Bldg Pittsburgh 22 Pa
 Duo-Therm Div Motor Wheel Corp Mt Hope & Washington Lansing 3 Mich
 Excelsior Stove & Mfg Co 534 S Front St Quincy Ill
 Florence Stove Co Room 1459 Merchandise Mart Chicago 54 Ill
 General Fittings Co Dept 43 123 Georgia Ave Providence 5 RI
 Gray & Dudley Co 2300 Clifton Rd Nashville Tenn
 Harvey-Whipple Inc 2155 Columbus Ave Springfield Mass
 International Oil Burner Co 3800 Park Ave St Louis 10 Mo
 Karr Range Co 7th & Harrison Sts Belleville Ill
 Kroen-Stamm Mfg Corp 115 W Palisades Blvd Palisades Park NJ
LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF
 Lomergan Mfg Co Clark St Albion Mich
 Macomb Steel Prods Co Macomb Ill
 Magie Chef Inc 1641 S Kingshighway St Louis 10 Mo
 Monarch Malleable Iron Range Co Beaver Dam Wis
PERFECTION STOVE CO 7609 PLATT AVE CLEVELAND 4 OHIO
 Preway Inc 1430 Second St N Wisconsin Rapids Wis
 Quaker Mfg Co 1147 Merchandise Mart Chicago Ill
 Queen Stove Works Inc 505 Front St Albert Lea Minn
 Siebring Mfg Co Peven St George Iowa
 Silent Sioux Corp 208 W College Ave Orange City Iowa
 Vulean Electric Co 88 Holten St Danvers Mass
 Washington Stove Works 3402-22 Smith St Everett Wash
 York-Shipley Inc PO Box 540 York Pa

▶ HEATERS, PORTABLE ELECTRIC

Appliance Mfg Co Alliance Ohio
BERNS MFG CO 3040 N ROCKWELL ST CHICAGO 18 ILL
 Blue Ridge Glass Corp Kingsport Tenn
 Cavalier Corp 341 W First St Chattanooga Tenn
 Continental Radiant Glass Heating Corp 1 E 35th St New York 16 NY
 Dry Clime Lamp Corp Greensburg Ind
 Economaster Sales Inc 120 9th Ave N Nashville Tenn
 Electrend Prods Corp Box 110 St Joseph Mich
 Electricgas Corp Newbridge & Windsor Bergenfield NJ
 Electromode Corp 45 Crouch St Rochester 3 NY
EMERSON ELECTRIC MFG CO 8106 FLORISANT AVE ST LOUIS 21 MO
 Galbraith (C C) & Son Electric Corp 450 Ave of America New York 11 NY
GRAINGER (W W) INC 118 S OAKLEY BLVD CHICAGO 12 ILL
 Heatmore Inc 59 Throop Ave Brooklyn 6 NY

HERMAN NELSON 215 CENTRAL AVE LOUISVILLE KY
 Imperial Motor Corp Kingston Pa
 Knelsley Electric Co 2501-9 LaGrange St Toledo 3 Ohio
 LaSalle Prods Inc 143 Seneca St Buffalo 3 NY
 Lawson Mfg Co Box 133 New Kensington Pa
 Markel Electric Prods Inc 129-149 Seneca St Buffalo 3 NY
 Meier Electric & Machine Co Inc 3525 E Washington Indianapolis Ind
 Metal Prods Mfg Co 1762 Ranier Seattle 44 Wash
 National Die Casting Co Touhy at Lawndale Chicago Ill
 National Ideal Co 914 Summit Toledo 4 Ohio
 Neso 250 N 12th St Milwaukee Wis
 Noblitt-Sparks Industries Inc Columbus Ind
 Radiant Heater Corp 1 East 35th St New York NY
 Ravena Metal Prods Co 6518 Ravena Seattle Wash
 Shepler Mfg Co 1229-43 Goebel St Pittsburgh 33 Pa
 Signal Electric Div King-Seeley Corp 1821-15th St Menominee Mich
 Superior Electric Prods Corp 1507-17 Independence Cape Girardeau Mo
 Swartzbaugh Mfg Co Toledo Ohio
 Tennessee Valley Associated Marketers Nashville Tenn
THERMADOR ELECTRICAL MFG CO 5215 BOYLE VERNON CALIF
 Thermory Corp South Buckhout St Irvington-on-Hudson NY
 Titan Mfg Co Inc 701 Seneca St Buffalo 10 NY
 Vulean Electric Co 88 Holten St Danvers Mass
 Wells Lamp Corp 106 Carroll Buffalo NY
 Weix Electric Heater Co 390 First St San Francisco Calif
WESTINGHOUSE ELECTRIC CORP ELECTRIC APPLIANCE DIV 246 E 4TH ST MANSFIELD OHIO

▶ HEATERS, ROOM

Adam (Frank) Electric Co Box 357 Main PO St Louis Mo
 Adams Bros Mfg Co Inc 1500 North Ave W Pittsburgh 33 Pa
 Armstrong Corp Corp PO Box 940 Huntington 12 W Va
 Atlanta Stove Works 112 Krog St NE Atlanta Ga
 Birmingham Stove & Range Co PO Box 2593 Birmingham 5 Ala
 Blue Ridge Glass Corp Kingsport Tenn
BRYANT HEATER DIV AFFILIATED GAS EQUIPMENT CO 17825 ST CLAIR AVE CLEVELAND 10 OHIO
 Cavalier Corp 341 W First St Chattanooga Tenn
COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KAN
 David-Maydole Tool Corp Hurlburt & Forsythe Norwich NY
 Duo-Therm Div Motor Wheel Corp Mt Hope & Washington Lansing 3 Mich
 Electromode Corp 45 Crouch St Rochester 3 NY
 Excelsior Stove & Mfg Co 534 S Front St Quincy Ill
 Florence Stove Co Room 1459 Merchandise Mart Chicago 54 Ill
 Galbraith (C C) & Son Electric Corp 450 Ave of America New York 11 NY
 Harms All Gas Co Allison Iowa
IRON FIREMAN MFG CO 3170 W 106TH ST CLEVELAND 11 OHIO
 Kresky Mfg Co 2nd & "H" Sts Petaluma Calif
 LaSalle Prods Inc 143 Seneca St Buffalo 3 NY
LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF
 Locke Stove Co 114 W 11th St Kansas City 5 Mo
 Macomb Steel Prods Co Macomb Ill
 Markel Electric Prods Inc 129-149 Seneca St Buffalo 3 NY
 Mount Vernon Furnace & Mfg Co Mount Vernon Ill
OHIO FOUNDRY & MFG CO 629 SLACK ST STEUBENVILLE OHIO
 Peerless Mfg Co 1400 W Ormsby St Louisville 10 Ky
PERFECTION STOVE CO 7609 PLATT AVE CLEVELAND 4 OHIO
 Preway Inc 1430 Second St N Wisconsin Rapids Wis
PRYNE & CO 140 N TOWNE AVE POMONA CALIF
 Quaker Mfg Co 1147 Merchandise Mart Chicago Ill
 Queen Stove Works Inc 505 Front St Albert Lea Minn
 Ravena Metal Prods Co 6518 Ravena Seattle Wash
REZNOH MFG CO DAVID ST MERCER PA
 Rheem Mfg Co 801 Chesley Ave Richmond Calif
 Rheem Mfg Co 4361 Firestone South Gate Calif
 Sandvik Saw & Tool Corp 47 Warren St New York 7 NY
 Shepler Mfg Co 1229-43 Goebel St Pittsburgh 33 Pa
 Silent Glow Oil Burner Co 850 Windsor St Hartford Conn
 Tesco Inc 110 S Norfolk Tulsa Okla

Viking Mfg Corp 1747 Chester Ave Cleveland 14 Ohio
WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA

▶ HEATERS, TANKLESS WATER

BELL & GOSSETT CO 8200 AUSTIN MORTON GROVE ILL
 General Fittings Co Dept 43 123 Georgia Ave Providence 5 RI
 Midret Heater & Specialty Co 2801 Pacific Ave Tacoma Wash
 Red Spot Electric Co 7405 S Tacoma Ave Tacoma Wash
 Taco Heaters Inc 1160 Cranston St Cranston 9 RI
THRUSH (H A) & CO PERU IND
 Timken Silent Automatic Div Rockwell Mfg Co 209 E Washington Jackson Mich
 Triplex Heating Specialty Co 242-68 Grant St Peru Ind
 Vulcan Electric Co 88 Holten St Danvers Mass

▶ HEATERS, UNIT

American Blower Corp Div American Radiator & Standard Sanitary Corp Tireman at Roselawn Detroit 32 Mich
BROAN MFG CO INC 1669 N WATER ST MILWAUKEE 2 WIS
BRYANT HEATER DIV AFFILIATED GAS EQUIPMENT CO 17825 ST CLAIR AVE CLEVELAND 10 OHIO
 Buffalo Forge Co 490 Broadway Buffalo 4 NY
 Carrier Corp 302 S Geddes St Syracuse 1 NY
 Clamage Fan Co 719 Porter St Kalamazoo Mich
 Coraire Heater Corp 1422 Euclid Ave Cleveland 15 Ohio
 Cutler Hammer Inc 201 N 12th St Milwaukee 1 Wis
 Day & Night Mfg Div Affiliated Gas Equipment Inc 700 Royal Oaks Dr Monrovia Calif
 Delta Heating Corp 1 Cole St Trenton 8 NJ
 Dravo Corp Dravo Bldg Pittsburgh 22 Pa
 Durham (C A) Co 400 W Madison St Chicago 6 Ill
 Earle Kitchen Unit Co 116 E 63rd St New York NY
 Electricgas Corp Newbridge & Windsor Bergenfield NJ
 Electromode Corp 45 Crouch St Rochester 3 NY
 Feders-Quigan Corp Lator & Hancock Sts Trenton NJ
 General Electric Co 1 River Rd Schenectady 5 NY
 Harms All Gas Co Allison Iowa
 Hartzell Propeller Fan Div Castle Hills Corp 1964 Shoyer Ave Piqua Ohio
 Henry Furnace Co Medina Ohio
HERMAN NELSON 215 CENTRAL AVE LOUISVILLE KY
 Janitrol Div Surface Combustion Corp 400 Dublin Ave Columbus 16 Ohio
 King Co Box 178 Owatonna Minn
 Kresky Mfg Co 2nd & "H" Sts Petaluma Calif
LITTLE (H C) BURNER CO PO BOX 60 SAN RAFAEL CALIF
 McCord Corp Ripelle at E Grand Blvd Detroit Mich
 McQuay Inc 1600 Broadway NE Minneapolis Minn
 Modine Mfg Co 1300 DeKoven Ave Racine Wis
 Mueller Climatrol Corp 2005 W Oklahoma St Milwaukee 15 Wis
 Murray (D J) Mfg Co 1024 Third St Wausau Wis
 National Radiator Co 223 Central Ave Johnstown Pa
NORMAN PRODS CO 1150 CHESAPEAKE COLUMBUS 12 OHIO
 Olsen (C A) Mfg Co Filbert St Elyria Ohio
 Payne Furnace Co 700 Royal Oaks Dr Monrovia Calif
 Peerless Mfg Co 1400 W Ormsby St Louisville 10 Ky
PERFECTION STOVE CO 7609 PLATT AVE CLEVELAND 4 OHIO
REZNOH MFG CO DAVID ST MERCER PA
 Rittinger Corp Rand Bldg Buffalo 3 NY
ROBERTS GORDON APPLIANCE CORP 44 CENTRAL AVE BUFFALO 6 NY
 Trane Co 3rd & Cameron La Crosse Wis
 United States Air Conditioning Corp Como Ave SE at 33rd Minneapolis Minn
 Utility Appliance Corp 4851 S Alameda St Los Angeles 58 Calif
WEBSTER (WARREN) & CO 17TH & FEDERAL STS CAMDEN 5 NJ
 Weix Electric Heater Co 390 First St San Francisco Calif
 Westinghouse Electric Corp Sturtevant Div 37 Rendville St Boston 36 Mass
 Young Radiator Co 709 S Marquette St Racine Wis

▶ HEATERS, WALL

Adam (Frank) Electric Co Box 357 Main PO St Louis Mo
 Adams Bros Mfg Co Inc 1500 North Ave W Pittsburgh 33 Pa

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RICHMOND BUILT-IN LAVATORIES

The **COUNTESS** (right)—Vitreous china counter top lavatory with roll rim. Size: 20" x 18". Recessed soap dish, rectangular bowl. Concealed front overflow. In Whiter-White and seven colors.

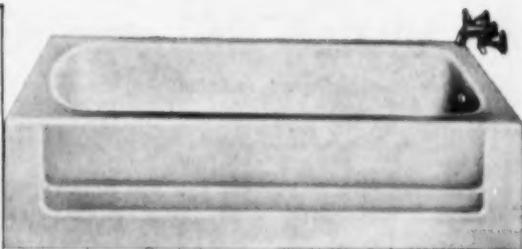
The **VOGUE** (bottom right)—Vitreous china counter top lavatory. Sizes: 16" x 14", 20" x 18" and 24" x 18". Concealed front overflow. Two soap dishes. In Whiter-White and seven colors. Available: Special Richmond F-543 self-sealing aluminum frame complete with mounting lugs and bolts.

The **VICTORIA** (bottom left)—Enameled cast iron counter top lavatory. Size: 20" x 18". Rectangular bowl. Integral front overflow. Available in Whiter-White and six colors. Available: Special Richmond F-543 self-sealing aluminum frame complete with mounting lugs and bolts.



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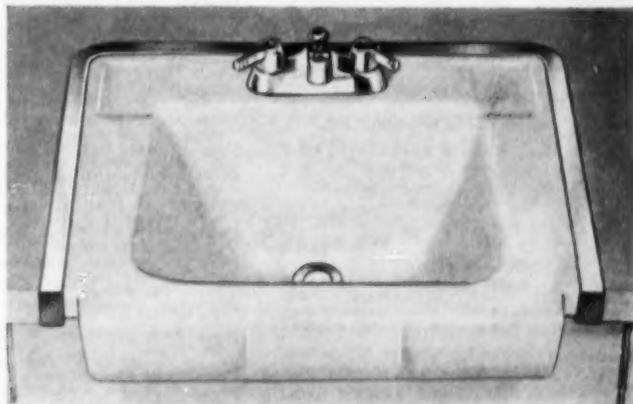
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16 Pearl Street, Metuchen, N. J.
AFFILIATE OF REYNOLDS METALS COMPANY



The Richmond L8 BATH—Enameled cast iron recessed tub for economy installations. 14" high. Available in Whiter-White and six pastels.



The Richmond LAUNDRAJ - A beautiful laundry tray in exclusive glass-hard "Perma-glass." Raised shelf back, two compartment model, 40" x 23". Twin waste with brass plug. Aluminum finish steel stand with leveling screws. Single compartment models also available.



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 Blue Ridge Glass Corp Kingsport Tenn
 Cavalier Corp 341 W First St Chattanooga
 Tenn
**COLEMAN CO INC 250 N ST FRANCIS
 WICHITA 1 KAN**
 Coranire Heater Corp 1422 Euclid Ave Cleve-
 land 15 Ohio
 Day & Night Mfg Div Affiliated Gas Equip-
 ment Co 790 Royal Oaks Dr Monrovia Calif
 Delta Heating Corp 1 Cole St Trenton 8 NJ
 Electrod Prods Corp Box 110 St Joseph Mich
 Electricgas Corp Newbridge & Windsor Ber-
 genfield NJ
 Electromode Corp 45 Crouch St Rochester 3
 NY
 Galbraith (C C) & Son Elec Corp 450 Ave of
 Americas New York 11 NY
 General Water Heater Corp 1 E Magnolia
 Blvd Burbank Calif
**HAMMEL RADIATOR ENGINEERING CO
 3348 MOTOR AVE LOS ANGELES CALIF**
 Harms All Gas Co Allison Iowa
 Heatmore Inc 59 Throop Ave Brooklyn 6 NY
**HOLLY MFG CO 875 ARROYO PKWY
 PASADENA 2 CALIF**
 Kresky Mfg Co 2nd & "H" Sts Petaluma Calif
 LaSalle Prods Inc 143 Seneca St Buffalo 3 NY
**LITTLE (H C) BURNER CO PO BOX 60
 SAN RAFAEL CALIF**
 Markel Electric Prods Inc 129-149 Seneca St
 Buffalo 3 NY
**MIAMI CABINET DIV CAREY (PHILIP)
 MFG CO 1950 GRAND AVE MIDDLETOWN
 OHIO**
**OHIO FOUNDRY & MFG CO 629 SLACK ST
 STEUBENVILLE OHIO**
 Palmer Mfg Co 2290 W Fillmore Phoenix Ariz
 Payne Furnace Co 790 Royal Oaks Dr Mon-
 rovia Calif
 Peerless Mfg Co 1400 W Ormsby St Louis-
 ville 10 Mo
 Pioneer Water Heater Corp 3131 San Fer-
 nando Los Angeles 65 Calif
**PRYNE & COMPANY INC 140 N TOWNE
 POMONA CALIF**
 Quaker Mfg Co 1147 Merchandise Mart Chi-
 cago Ill
 Ravenna Metal Prods Co 6518 Ravenna Seattle
 Wash
 Rheem Mfg Co 4361 Firestone South Gate
 Calif
 Shepler Mfg Co 1229-43 Goebel St Pittsburgh
 33 Pa
 Tennessee Enamel Mfg Co 4104 Park Ave
 Nashville 9 Tenn
**THERMADOR ELECTRICAL MFG CO 5215
 BOYLE VERNON CALIF**
 Thermory Corp South Buckhout St Irvington-
 on-Hudson NY
 Titan Mfg Co Inc 791 Seneca St Buffalo 10 NY
 Utility Appliance Corp 4851 S Alameda St
 Los Angeles 58 Calif
 West Electric Heater Co 390 First St San
 Francisco Calif
**WESTINGHOUSE ELECTRIC CORP PO BOX
 568 PITTSBURGH 30 PA**
**ZINK (JOHN) CO 4401 S PEORIA TULSA 5
 OKLA**

▶ HEATERS, WATER

Adams Co The PO Box 268 Dubuque Iowa
 Aeroll Prods Co Inc 69 Wesley St 8 Hacken-
 sack NJ
 Aldrich Co 111 Williams St Wyoming Ill
**AMERICAN RADIATOR & STANDARD
 SANITARY CORP BESSEMER BLDG
 PITTSBURGH 30 PA**
 American & Southern Corp 1000 6th St Nash-
 ville Tenn
 Atlanta Stove Works 112 Krog St NE Atlanta
 Ga
 Bard Mfg Co Bryan Ohio
**BELL & GOSSETT CO 8290 AUSTIN MOR-
 TON GROVE ILL**
 Brower Mfg Co Box 251 Quincy Ill
 Brown Stove Works Inc Cleveland Tenn
**BRYANT HEATER DIV AFFILIATED GAS
 EQUIPMENT INC 17825 ST CLAIR AVE
 CLEVELAND 10 OHIO**
 Clayton & Lambert Mfg Co 1701 Dixie Hwy
 Louisville 10 Ky
 Cleveland Heater Co 2310 Superior Ave Cleve-
 land Ohio
 Cleveland Steel Prods Co 16025 Brookpark Rd
 Cleveland 11 Ohio
**COLEMAN CO INC 250 N ST FRANCIS
 WICHITA 1 KAN**
 Colloid Equipment Co Inc 19 Murray St New
 York 7 NY
 Combustion Engineering Inc 911 W Main St
 Chattanooga Tenn
 Crane Co 836 S Michigan Chicago 5 Ill
 Crane Electric Industries Eugene Ore
**CROSBY DIV AVCO MFG CORP 1329
 ARLINGTON ST CINCINNATI 25 OHIO**
 Day & Night Mfg Div Affiliated Gas Equip-
 ment Inc 790 Royal Oaks Dr Monrovia Calif
 Dearborn Stove Co 1700 W Commerce St Dallas
 Texas
 Deepfreeze Appliance Div Motor Prods Corp
 2301 Davis St N Chicago Ill
**DELCO APPLIANCE DIV GENERAL MO-
 TORS CORP LYVELL & WHITNEY ST
 ROCHESTER NY**

Dewey-Shepard Boiler Co 1311 N Capitol Ave
 Indianapolis Ind
 Dowagiac Steel Furnace Co Dowagiac Mich
 Duo-Therm Div Motor Wheel Corp Mt Hope
 & Washington Lansing 3 Mich
 Eeonomaster Sales Inc 120-9th Ave N Nash-
 ville Tenn
 Excelsior Stove & Mfg Co 534 S Front St
 Quincy Ill
 Fairbanks Morse & Co 690 S Michigan Ave
 Chicago 5 Ill
 Fowler Mfg Co 2545 SE Gladstone Portland
 Ore
 Frigidaire Div Gen Motors Corp 300 Markham
 St Dayton 1 Ohio
**GENERAL ELECTRIC CO APPLIANCE
 PARK LOUISVILLE 1 KY**
 General Fittings Co Dept 43 123 Georgia Ave
 Providence 5 RI
 General Water Heater Corp 1 E Magnolia
 Blvd Burbank Calif
 Gillen (J L) Co 12292 Wormer Ave Detroit 28
 Mich
 Gray & Dudley Co 2300 Clifton Road Nashville
 Tenn
**HANDLEY-BROWN HEATER CO JACKSON
 MICH**
 Harrison Steel Cabinet Co 4718 W Fifth Ave
 Chicago 44 Ill
 Hedges (M M) Co 790 E Main St Chatta-
 nooga Tenn
 Hileo Engineering Co Genoa City Wis
 Home Essentials Corp 79 Cliff New York NY
**HOTPOINT CO 5600 W TAYLOR ST CHI-
 CAGO 44 ILL**
 Hotstream Heater Co 2363 E 69th St Cleveland
 4 Ohio
**HYDRALINE PRODS DIV BORG-WARNER
 CORP 18538 MACK AVE DETROIT 36
 MICH**
 Hydrotherm Inc Clinton Ave Northvale NJ
 Hynes & Cox Electric Co Cohoes Rd & Elm
 St Watervliet NY
 Jackson Prods Co 3703 E 93rd St Cleveland
 8 Ohio
 Johnson (S T) Co 940 Arlington Ave Oakland
 8 Cal
 Kelvinator 14250 Plymouth Rd Detroit 32
 Mich
 Kennedy Co 1620 Dime Bldg Detroit 26 Mich
 Kewanee-Ross Corp 101 Franklin St Kewanee
 Ill
 Koven & Bro Inc 154 Ouden Ave Jersey City
 7 NJ
 Kresky Mfg Co 2nd & "H" Sts Petaluma Calif
 Kresno-Starns Mfg Corp 115 W Palisades
 Blvd Palisades Park NJ
 Lawson Mfg Co Box 133 New Kensington Pa
**LITTLE (H C) BURNER CO PO BOX 60
 SAN RAFAEL CALIF**
 McGraw Electric Co 5201 W 65th St Chicago
 38 Ill
 Monarch Malleable Iron Range Co Beaver
 Dam Wis
**MUSTEE (E L) & SONS INC 6911 LORAIN
 AVE CLEVELAND 2 OHIO**
 Norge Div Borg-Warner Corp Room 234 Mer-
 chandise Mart Chicago Ill
 Norge Heat Div Borg-Warner Corp 760 E Vine
 St Kalamazoo Mich
**NORRIS THERMADOR CORP 5215 S BOYLE
 AVE LOS ANGELES 56 CALIF**
**PENBERTHY INJECTOR CO 1242 HOLDEN
 AVE DETROIT 2 MICH**
**PERFECTION STOVE CO 7609 PLATT AVE
 CLEVELAND 4 OHIO**
 Petro 3170 W 106th St Cleveland 11 Ohio
 Pioneer Water Heater Corp 3131 San Fer-
 nando Los Angeles 65 Calif
 Pittsburgh Water Heater Co 193 Chartiers
 Ave Pittsburgh Pa
 Queen Stove Works Inc 505 Front St Albert
 Lea Minn
 Ray Oil Burner Co 401 Bernal Ave San Fran-
 cisco Calif
 Republic Heater Corp 2231 Randolph St
 Huntington Park Calif
 Rheem Mfg Co 7690 S Kedzie Ave Chicago 29
 Ill
 Rheem Mfg Co 801 Chesley Ave Richmond
 Calif
 Rheem Mfg Co 4361 Firestone South Gate
 Calif
 Richmond Engineering Co Inc 7th & Hospital
 Sts Richmond 5 Va
 Rutenber Electric Co Inc Marion Ind
 Ruud Mfg Co 2934 Smallman St Pittsburgh 1
 Pa
 Sav-U-Time Devices Inc 88 Manhattan St
 Rochester 7 NY
 Sepco Corp 860 Cross St Pottstown Pa
**SERVEL INC 119 N MORTON AVE EVANS-
 VILLE 20 IND**
 Smith (A O) Corp Permaglas Div PO Box 28
 Kankakee Ill
 Standard Gas Equipment Corp Bayard & Ham-
 burg Baltimore Md
**SUNBEAM AIR CONDITIONER DIV AMERI-
 CAN RADIATOR & STANDARD SANI-
 TARY CORP ELYRIA OHIO**
 Swartsbaugh Mfg Co Toledo Ohio
 Taco Heaters Inc 1160 Cranston St Cranston
 9 RI
 Tennessee Stove Works 14th at Belt Ry Chat-
 tanooga Tenn
**THERMADOR ELECTRICAL MFG CO 5215
 BOYLE VERNON CALIF**

Timken Silent Automatic Div Rockwell Mfg
 Co 209 E Washington Jackson Mich
 U S Porcelain Enamel Co 4635 E 52nd Dr
 Los Angeles 22 Calif
 Universal Major Electric Appliance Co Box
 119 Lima Ohio
 Utility Appliance Corp 4851 S Alameda St
 Los Angeles 58 Calif
 Viking Mfg Corp 1747 Chester Ave Cleveland
 14 Ohio
 Vulcan Electric Co 88 Holten St Danvers Mass
 Waldorf Heater Co 1421 Chestnut St Phila-
 delphia 2 Pa
 Waterfilm Boilers Inc 36-40 New York Ave
 Jersey City NJ
 Wayne Home Equipment Co Inc 801 Glasgow
 Ave Fort Wayne 4 Ind
 West Electric Heater Co 390 First St San
 Francisco Calif
**WESTINGHOUSE ELECTRIC CORP ELECT-
 RIC APPLIANCE DIV 246 E 4TH ST
 MANSFIELD OHIO**
**WESTINGHOUSE ELECTRIC CORP PO
 BOX 868 PITTSBURGH 30 PA**
**WHITE PRODS CORP 98 E MAIN ST MID-
 DLEVILLE MICH**
 Whitehead (Jud) Heater Co 1043 W MacArthur
 Emeryville 8 Calif

▶ HEATING CONTROLS

**BELL & GOSSETT CO 8290 AUSTIN MOR-
 TON GROVE ILL**
 Besam Engineering Co 2528 Overland Rd
 Cleveland 6 Ohio
 Crane Co 836 S Michigan Chicago 5 Ill
 Detroit Controls Co 5900 Trumbull Ave De-
 troit 8 Mich
 Dushan (C A) Co 400 W Madison St Chicago
 6 Ill
 General Controls Co 891 Allen Ave Glendale 1
 Calif
 General Electric Co 1 River Road Schenectady
 5 NY
**GRAINGER (W W) INC 118 S OAKLEY
 BLVD CHICAGO 12 ILL**
 Hoffman Specialty Co 1091 York St Indiana-
 polis 7 Ind
**IRON FIREMAN MFG CO 3170 W 106TH ST
 CLEVELAND 11 OHIO**
 McDonnell & Miller Inc 3500 N Spaulding
 Chicago 18 Ill
 Mercoid Corp 4201 W Belmont Ave Chicago 41
 Ill
**MINNEAPOLIS-HONEYWELL REGULATOR
 CO 2747 S FOURTH AVE MINNEAPOLIS
 8 MINN**
 National Radiator Co 223 Central Ave Johns-
 town Pa
 Paragon Electric Co 1606-12th St Two Rivers
 Wis
 Penn Controls Inc Goshen Ind
 Perflex Corp 500 W Oklahoma Milwaukee Wis
 Powers Regulator Co 3490 Oakton St Skokie
 Ill
 Robertshaw-Fulton Controls Co Robertshaw
 Thermostat Div Youngwood Pa
 Sarcotherm Controls Inc Empire State Bldg
 New York 1 NY
 Soreng Prods Corp 9555 Soreng Ave Schiller
 Park Ill
 Spencer Thermostat Div Metals & Controls
 Corp 30 Forest Attleboro Mass
**SUNBEAM AIR CONDITIONER DIV AMERI-
 CAN RADIATOR & STANDARD SANI-
 TARY CORP ELYRIA OHIO**
 Taco Heaters Inc 1160 Cranston St Cranston
 9 RI
 Taylor Instrument Cos Olson & Ames St
 Rochester 1 NY
 Turk Clock Co Inc 1 Grove St Mt Vernon NY
**WEBSTER (WARREN) & CO 17TH & FED-
 ERAL STS CAMDEN 5 NJ**
 West Electric Heater Co 390 First St San
 Francisco Calif
 White Rodgers Electric Co 1209 Cass Ave St
 Louis 6 Mo
 Williamson Heater Co 3500 Madison Rd Cin-
 cinnati 9 Ohio
 Young Regulator Co 5209 Euclid Ave Cleveland
 3 Ohio

▶ HEATING SYSTEMS BASEBOARD

**AMERICAN RADIATOR & STANDARD SANI-
 TARY CORP BESSEMER BLDG PITTS-
 BURGH 30 PA**
 Berger Corp Belle Vernon Pa
 Blue Ridge Glass Corp Kingsport Tenn
 Burnham Corp Boiler Div 2 Main St Irvington
 NY

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 FORD CONN

AMERICAN BUILDER

HALSTEAD & MITCHELL

COOLING TOWERS

cut the cost of air conditioning



H & M RESIDENTIAL COOLING TOWERS

... make it possible for you to offer the remarkable operating economies of water-cooled air-conditioning systems. Not only are power bills slashed because efficiencies are higher, but Halstead & Mitchell Residential Cooling Towers reduce air conditioning water bills by over 95%!

20-YEAR GUARANTEE! on the wetted deck surface

Only Halstead & Mitchell pressure creosotes its wetted deck wood ... and only H & M therefore can offer the 20-Year Guarantee on the wetted deck surface against attack by rotting or fungus. Here are all the quality features which have made Halstead & Mitchell Cooling Towers a by-word in industry ... in a residential unit designed and priced for the home market!

RESIDENTIAL COOLING TOWER SPECIFICATIONS

Model No	Capacity in Tons		Dimensions in Inches			Motor HP	Std. GPM	Sh'pg W'ts
	75° WB	78° WB	Length	Width	Height			
RE-214	2.4	2.0	34½	24	34½	1/20	6	215
RE-314	3.6	3.0	40	24	41	1/20	9	285
RE-414	4.8	4.0	40	24	45½	1/20	12	325
RE-514	6.0	5.0	44½	29	42½	1/20	15	386
RE-714	9.0	7.5	44½	29	58	1/12	22.5	498

For Complete Specifications and Installation Suggestions for Builders, write for Bulletin RE-1



Eliminate Slow, Wasteful Drilling for anchorage to brick, tile concrete, steel



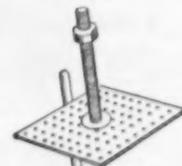
AND CUT LABOR COSTS ON EVERY JOB.

Installing furring strips, metal cabinets and insulation hangers on concrete or masonry walls need not be an expensive problem for you. Today you can eliminate the slow, wasteful job of drilling for anchorage...with Gemco products, and cut labor costs substantially on residential, commercial and industrial buildings. Here are the items which will assure the fast, simple installation so important to you:



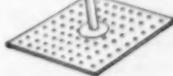
GEMCO ANCHOR NAILS

...for installing furring strips, plaster grounds, carpet strips, etc. Fastened to surface with Tuff-Bond adhesive, they have ample strength to hold reasonable sidewall loads in place securely. Easy to install; anchoring is safe, sure, permanent.



GEMCO ANCHOR BOLTS

...for quick, easy installation of metal cabinets, outlet boxes, dispensers, mailboxes, etc., on concrete, brick, steel, hollow tile, gypsum tile. No drilling or welding.



GEMCO Insulation Hangers

...ideal for installing batt-type insulation on concrete, brick, or metal. Many man-hours saved over welding of wires or installing mechanical fasteners.

Other Goodloe E. Moore, Incorporated, products: **TUFF-BOND** outstanding adhesives ... super-strength ... waterproof ... stick almost anything to anything! **TUFF-TRED** Safety Stair Nosing ... for protecting any type stair steps from wear, improving the safety factor, maintaining and restoring stairway beauty.

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 Electromode Corp 45 Crouch St Rochester 3
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 Electromode Corp 45 Crouch St Rochester 3 NY
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 Meier Electric & Machine Co Inc 3525 E Wash-
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 Wash
 Thermoray Corp South Buckhout St Irvington-
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 WATER OR STEAM**

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 TON GROVE ILL**
 Brownell Co 300 N Findlay St Dayton 1 Ohio
 Burnham Corp Boiler Div 2 Main St Irvington
 NY
**BUSH MFG CO 179 SOUTH ST WEST HART-
 FORD CONN**
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 Cleveland 11 Ohio
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 Pa
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 Johnson (S T) Co 940 Arlington Ave Oakland
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 Kresno-Stamm Mfg Corp 115 W Palisades Blvd
 Palisades Park NJ
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 Peru Ind
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 Ave SE at 33rd Minneapolis Minn
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 Utica Radiator Corp 2201 Dwyer Ave Utica 2
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 Electromode Corp 45 Crouch St Rochester 3
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 Thermoray Corp South Buckhout St Irvington-
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 NY
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 14 Ohio
 Wesix Electric Heater Co 390 First St San
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 Heatmore Inc 59 Throop Ave Brooklyn 6 NY
 Mueller Brass Co 1925 Lapeer Ave Port Huron
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 Ravenna Metal Prods Co 6518 Ravenna Seattle
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 Electrend Prods Corp Box 110 St Joseph Mich
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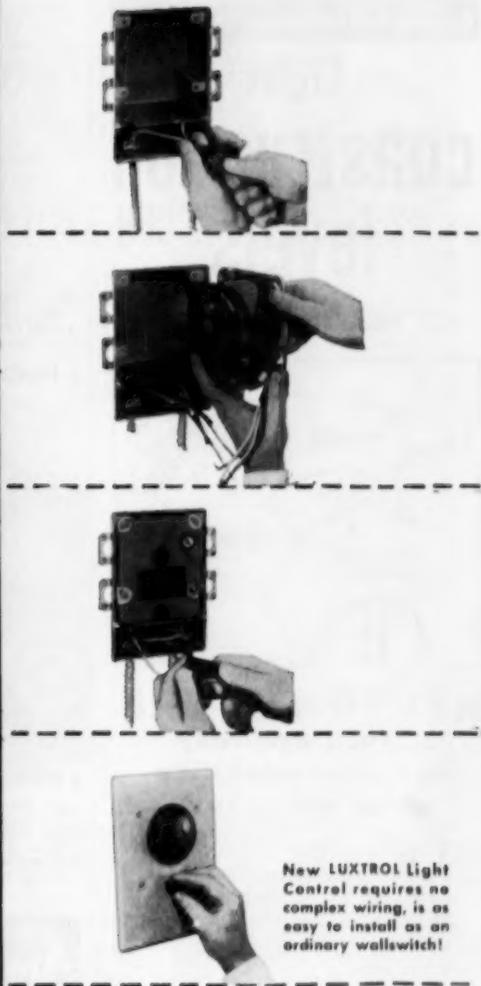


Northwest Metal Prods Inc 55 Spokane St
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LUXTROL brings to homes—for the very first time—light that is truly *controlled*. Light that glides from dark to bright, bright to dark, *at the turn of a dial*.

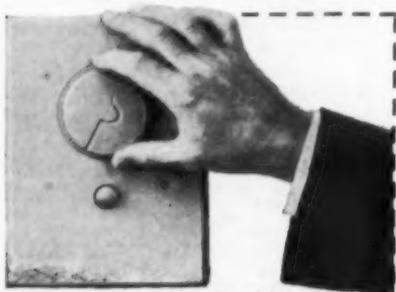
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 Milwaukee Stamping Co 800 S 72nd St Milwaukee 14 Wis
 Miracle Hinge Co Monticello NY
NATIONAL MFG CO STERLING ILL
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 Phoenix Lock Co 327 3rd Ave Newark 7 NJ
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 Brainerd Mfg Co N Washington & Harris E Rochester NY
 Champion Hardware Co 3300 Miller St Geneva Ohio
DEXTER LOCK CO 1609 MADISON AVE GRAND RAPIDS 2 MICH
 Eros Mfg Co 2368 Elston Ave Chicago 14 Ill
 Fiwale Equipment Mfg Co 105 Reade St New York 13 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Gensco Tools 1830 N Kostner Ave Chicago 39 Ill
 Griffin Mfg Co 1515 Cherry St Erie 6 Pa
HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
 Johnson Industries Inc 2110 S 7th Blvd St Louis 4 Mo
LAWRENCE BROS STERLING ILL
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
NATIONAL LOCK CO 1902 7TH ST ROCKFORD ILL
NATIONAL MFG CO STERLING ILL
 Old Guilford Forge Guilford Conn
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Prices on *Sun Valley* "JUNIOR" Door
 All doors 6', 10' high

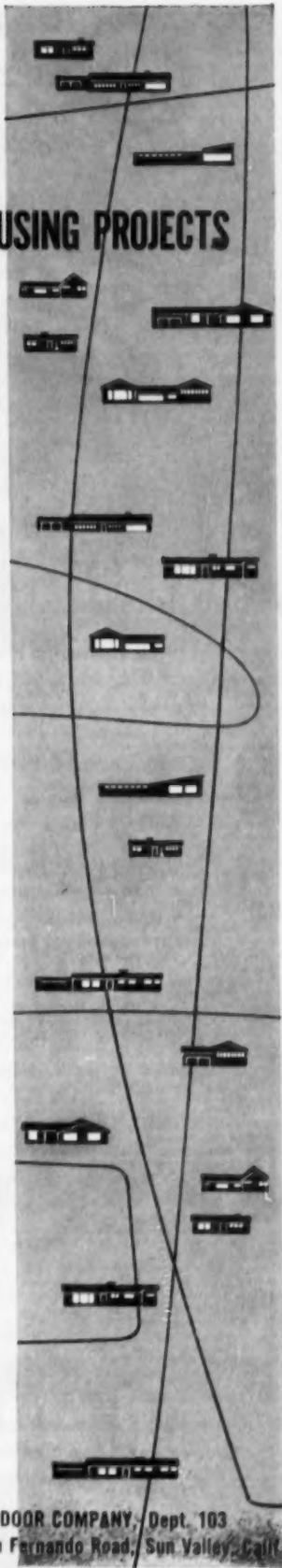
DOOR WIDTH OPENING	LIST PRICE
6'-0" (2 panel)	\$ 90.00
8'-0" (2 panel)	\$102.00
10'-0" (2 panel)	\$114.00
12'-0" (2 panel)	\$126.00

- locking stiles may be reversed permitting sliding unit to be right or left.
- units will accommodate glass of 3/16", 7/32" or 1/4" thickness.
- quantity discounts available.

For further information on the Sun Valley Junior and Sun Valley Aluminum Sliding Glass Doors, write:



SLIDING DOOR COMPANY, Dept. 103
 8354 San Fernando Road, Sun Valley, Calif.



Cleveland Tramrail Div Cleveland Crane & Engineering Co 5866 E 289th St Wickliffe Ohio
 Coffing Hoist Co 800 Walters St Danville Ill
 Detroit Hoist & Machine Co 8207 Morrow St Detroit 11 Mich
 Downs Crane & Hoist Co 540 W Vernon Ave Los Angeles 37 Calif
 Electro-Lift Inc 294 Sargeant Ave Clifton NJ
 Ingersoll-Rand Inc 11 Broadway New York 4 NY
 King Mfg Corp 3158 W Chicago Ave Chicago 22 Ill
 National Screw & Mfg Co 2440 E 75th St Cleveland 4 Ohio
 Ohio Hoist & Mfg Co Inc 13124 Shaker Sq Cleveland 20 Ohio
 Reading Crane & Hoist Corp 2100 Adams St Reading Pa
 Republic Steel Corp Round Chain Div Broadway & Chainerscraft Rd Cleveland 5 Ohio
 Round (David) & Son Inc PO Box 883 Cleveland 22 Ohio
 Shaw-Box Crane & Hoist Div Manning Maxwell & Moore Inc Muskegon Mich
 Shepard Miles Crane & Hoist Co 410 Schuyler Ave Montour Falls NY
 Stimmel Winch Co Inc 37-24 33rd St Long Island City 1 NY
 Universal Hoist & Mfg Co Cedar Falls Iowa
 Washington Iron Works 1509 Sixth Ave S Seattle 4 Wash
 Whiting Corp 15613 Lathrop Ave Harvey Ill
 Wright Hoist Div American Chain Co York Penn
 Yale & Towne Mfg Co 11000 Roosevelt Philadelphia 15 Pa

HOISTS, MECHANICAL POWERED

Aeroll Prods Co Inc 69 Wesley St S Hackensack NJ
 Allis-Chalmers Mfg Co 1126 S 70th St Milwaukee 1 Wis
 American Hoist & Derrick Co 63 S Robert St St Paul 1 Minn
 C H and E Mfg Company 3849 N Palmer St Milwaukee 12 Wis
 Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY
 Cleveland Tramrail Div Cleveland Crane & Engineering Co 5866 E 289th St Wickliffe Ohio
 Clyde Iron Works Inc 29th Ave & W Michigan Duluth 1 Minn
 Coffing Hoist Co 800 Walters St Danville Ill
 CONSTRUCTION MACHINERY CO 429 VINTON ST WATERLOO IOWA
 Detroit Hoist & Machine Co 8207 Morrow St Detroit 11 Mich
 Downs Crane & Hoist Co 540 W Vernon Ave Los Angeles 37 Calif
 Electro-Lift Inc 294 Sargeant Ave Clifton NJ
 Essick Mfg Co 1950 Santa Fe Ave Los Angeles 21 Calif
 Farmers Lumber & Supply Co 512-16 S Chambers Sioux City 8 Iowa
 Gifford-Wood Co 23 Hill St Hudson NY
 HARNISCHFEGGER CORP 4400 W NATIONAL MILWAUKEE 46 WIS
 Hyster Co 2902 NE Clackamas Portland 8 Ore
 JAEGER MACHINE CO 500 W SPRING ST COLUMBUS 16 OHIO
 King Mfg Corp 3158 W Chicago Ave Chicago 22 Ill
 Lewis-Shepard Prods Inc 125 Walnut St Watertown 72 Mass
 Loudon Machinery Co 1120 Broadway Fairfield Iowa
 Market Forge Co 35 Garvey St Everett 49 Mass
 National Screw & Mfg Co 2440 E 75th St Cleveland 4 Ohio
 Novo Engine Co Ballantine St Lansing 5 Mich
 Ohio Hoist & Mfg Co Inc 13124 Shaker Sq Cleveland 20 Ohio
 Patent Scaffolding Co The 38-21 12th St Long Island City 1 NY
 Reading Crane & Hoist Corp 2100 Adams St Reading Pa
 Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
 Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
 Round (David) & Son Inc PO Box 883 Cleveland 22 Ohio
 Shepard Miles Crane & Hoist Co 410 Schuyler Ave Montour Falls NY
 Silent Hoist & Crane Co 875-63rd St Brooklyn 20 NY
 Smiths Hoist & Mfg Co PO Box 115 Cassopolis 6 Mich
 Stimmel Winch Co Inc 37-24 33rd St Long Island City 1 NY
 Universal Hoist & Mfg Co Cedar Falls Iowa
 Vulcan Iron Works Co 1423 Stout St Denver 2 Colo
 Washington Iron Works 1509 Sixth Ave S Seattle 4 Wash
 Whiting Corp 15613 Lathrop Ave Harvey Ill

HOISTS, PORTABLE

Aeroll Prods Co Inc 69 Wesley St S Hackensack NJ
 American Hoist & Derrick Co 63 S Robert St St Paul 1 Minn
 Buck Equipment Corp 294 Butler St Cincinnati 2 Ohio
 Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY
 CLIPPER MFG CO 2800 W WICK KANSAS CITY MO
 Clyde Iron Works Inc 29th Ave & W Michigan Duluth 1 Minn
 Coffing Hoist Co 800 Walters St Danville Ill
 CONSTRUCTION MACHINERY CO 429 VINTON ST WATERLOO IOWA
 Electro-Lift Inc 294 Sargeant Ave Clifton NJ
 Ingersoll-Rand Inc 11 Broadway New York 4 NY
 King Mfg Corp 3158 W Chicago Ave Chicago 22 Ill
 Lewis-Shepard Prods Inc 125 Walnut St Watertown 72 Mass
 Market Forge Co 35 Garvey St Everett 49 Mass
 National Screw & Mfg Co 2440 E 75th St Cleveland 4 Ohio
 Ohio Hoist & Mfg Co Inc 13124 Shaker Sq Cleveland 20 Ohio
 Original Enderas Co Guttentburg Iowa
 Reading Crane & Hoist Corp 2100 Adams St Reading Pa
 Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
 Ridgely Trimmer Co 1300 Kenton St Springfield 99 Ohio
 Round (David) & Son Inc PO Box 883 Cleveland 22 Ohio
 Shepard Miles Crane & Hoist Co 410 Schuyler Ave Montour Falls NY
 Starline Inc 390 W Front St Harvard Ill
 Stimmel Winch Co Inc 37-24 33rd St Long Island City 1 NY
 West Bend Equipment Corp 299 S Water St West Bend Wis
 Yale & Towne Mfg Co 11000 Roosevelt Philadelphia 15 Pa

HOISTS, SKIP

American Hoist & Derrick Co 63 S Robert St St Paul 1 Minn
 Appley & Son Inc 831 9th St N St Petersburg Fla
 BESSER CO ELM ST ALPENA MICH
 Brady Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
 Clyde Iron Works Inc 29th Ave & W Michigan Duluth 1 Minn
 Downs Crane & Hoist Co 540 W Vernon Ave Los Angeles 37 Calif
 Fairfield Engineering Co 324 Barnhart St Marion Ohio
 Fleming Mfg Co Cuba Mo
 Fleming Mfg Co 4985 Fyler Ave St Louis 9 Mo
 Gifford-Wood Co 23 Hill St Hudson NY
 Godfrey Conveyor Co 1301 Wolf St Elkhardt Ind
 Hyster Co 2902 NE Clackamas Portland 8 Ore
 Jeffrey Mfg Co 771 N 4th St Columbus 16 Ohio
 Shepard Miles Crane & Hoist Co 410 Schuyler Ave Montour Falls NY
 Silent Hoist & Crane Co 875 63rd St Brooklyn 20 NY

HOISTS, TRUCK

Anthony Co 91 Reinhard St Streator Ill
 Cemo Industries Inc Galion Ohio
 Daybrook Hydraulic Corp 509 Lehmann Ave Bowling Green Ohio
 Gallion Allsteel Body Co Galion Ohio
 Heil Co 3000 W Montana St Milwaukee 2 Wis
 Hercules Steel Prods Corp Galion Ohio
 Hyster Co 2902 NE Clackamas Portland 8 Ore
 Kwik-Mix Co Port Washington Wis
 Little Giant Prods Inc 1530 N Adams St Peoria 3 Ill
 Marion Metal Prods Co Cheney Ave at Otis Marion Ohio
 Market Forge Co 35 Garvey St Everett 49 Mass
 Perfection Steel Body Co Galion Ohio
 Reading Crane & Hoist Corp 2100 Adams St Reading Pa
 St Paul Hydraulic Hoist Div Gar Wood Industries Inc Mattoon Ill
 Saasen Derrick Co 3101 West Grand Ave Chicago 22 Ill
 Shaw-Box Crane & Hoist Div Manning Maxwell & Moore Inc Muskegon Mich
 Silent Hoist & Crane Co 875 63rd St Brooklyn 20 NY
 Stimmel Winch Co Inc 37-24 33rd St Long Island City 1 NY
 Wood (Gar) Industries Inc Michigan Blvd Wayne Mich

HOME FREEZERS

ADMIRAL CORP 2800 W CORTLAND CHICAGO 47 ILL
 Amana Society Amana Iowa

Ben-Hur Mfg Co 634 E Keefe Ave Milwaukee 12 Wis
 Coolerator Co The 128 W First St Duluth 1 Minn
 CROSLLEY DIV AVCO MFG CORP 1329 ARLINGTON ST CINCINNATI 25 OHIO
 Deepfreeze Appliance Div Motor Prods Corp 2301 Davis St N Chicago Ill
 DeLaval Separator Co Poughkeepsie NY
 Esco Cabinet Co E Biddle St West Chester Pa
 Fogel Refrigerator Co 5400 Eadom St Philadelphia Pa
 Frigidaire Div General Motors Corp 300 Markham St Dayton 1 Ohio
 GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY
 General Refrigerator Corp 678 Broadway New York 12 NY
 Gibson Refrigerator Co 515-615 W Williams Greenville Mich
 HOTPOINT CO 5600 W TAYLOR ST CHICAGO 44 ILL
 International Harvester Co 180 N Michigan Ave Chicago 1 Ill
 Jordan Refrigerator Co 7900 Tabon Rd Philadelphia 11 Pa
 Kelvinator 14250 Plymouth Rd Detroit 32 Mich
 Kennedy Co 1620 Dime Bldg Detroit 26 Mich
 King Refrigerator Corp 76-02 Woodhaven Blvd Glendale LI NY
 Masterfreeze Corp Sister Bay Wis
 Maytag Co Newton Iowa
 Norge Div Borg-Warner Corp Room 234 Merchandise Mart Chicago Ill
 Philco Corp Tioga & "C" Sts Philadelphia 34 Pa
 Quirex Inc PO Box 471 Fond Du Lac Wis
 Robbins & Burke Inc Cambridge Mass
 Seeger-Refrigerator Co 850 Arcade St St Paul 6 Minn
 SERVEL INC 119 N MORTON AVE EVANSVILLE 20 IND
 Tyler Refrigeration Corp Lake St Niles Mich
 Universal Major Electric Appliance Co Box 119 Lima Ohio
 Victor Prods Corp 991 Pope Ave Hagerstown Md
 WESTINGHOUSE ELECTRIC CORP ELECTRIC APPLIANCE DIV 246 E 4TH ST MANSFIELD OHIO
 Wilson Refrigeration Inc Glenwood Ave Smyrna Del

HOOKS, PLASTIC

Columbus Plastic Prods Inc 1625 W Mound St Columbus 4 Ohio

HOOKS & EYES, GATE

FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Judd (H L) Co 87 Chambers St New York 7 NY
 Kees (F D) Mfg Co 700 Park Ave Beatrice Neb
 Larson Co Ave "G" & C&NW Ry Sterling Ill
 LAWRENCE BROS STERLING ILL
 SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
 Washburn Co 28 Union St Worcester Mass

HOOKS & EYES, SCREW

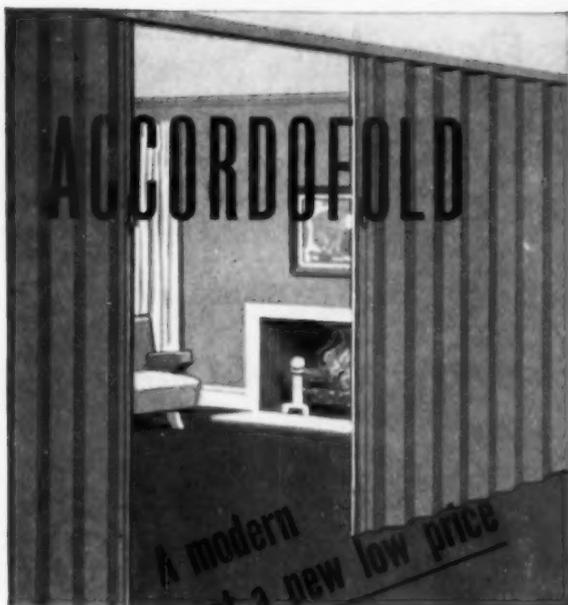
Brainerd Mfg Co N Washington & Harris E Rochester NY
 FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 HAGER (C) & SONS HINGE MFG CO 139 VICTOR ST ST LOUIS 4 MO
 Judd (H L) Co 87 Chambers St New York 7 NY
 Kees (F D) Mfg Co 700 Park Ave Beatrice Neb
 Larson Co Ave "G" & C&NW Ry Sterling Ill
 LAWRENCE BROS STERLING ILL
 National Screw & Mfg Co 2440 E 75th St Cleveland 4 Ohio
 United Screw & Bolt Corp 3590 W 58th St Cleveland 2 Ohio
 Washburn Co 28 Union St Worcester Mass

HOPPERS, AUTOMATIC WEIGHING

Butler Bin Co 945 Blackstone Ave Waukesha Wis
 CONSTRUCTION MACHINERY CO 429 VINTON ST WATERLOO IOWA
 Johnson (C S) Co The PO Box 71 Champaign Ill
 Toledo Scale Co 1009 Telegraph Rd Toledo 1 Ohio

HOSE, AIR COMPRESSOR

Acme Rubber Mfg Co PO Box 1991 Trenton NJ
 Boston Woven Hose & Rubber Co PO Box 1071 Boston 3 Mass



A modern door at a new low price

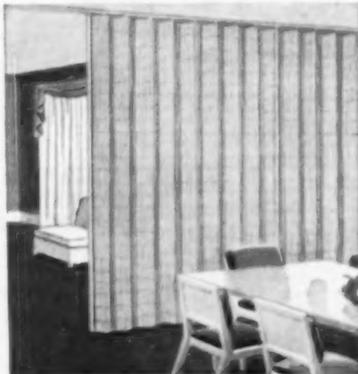
...a top-quality Vinyl-covered folding door at a competitive price. Accordofold—in 14 standard sizes for openings up to 16' wide, 8' high; in six well-chosen colors—affords wide variety as to size, color and application. Accordofold costs less to buy—costs less to install. The average closet closure, room divider or door is completely hung in 4 to 7 minutes' time—in either new or existing construction.

ANNOUNCING: "BIRCH" BAMBOOFOLD

Another American Bamboo Corporation first! A Birch Finish for bamboo—available *only* in Bamboofold Doors and Room Dividers. This new, high-gloss finish is especially designed to blend with the birch and blond woods so popular for cabinets, panelling and furniture in today's homes.

Also for the first time, Birch Bamboofold in ten low-cost stock sizes adaptable to many opening heights and widths. May we send you complete information?

Please address your inquiry to Department 31.



AMERICAN BAMBOO CORPORATION

Makers of Bamboo and Vinyl Doors and Room Dividers
171-06 JAMAICA AVENUE • JAMAICA 32, N. Y.

LARGEST ASSORTMENT IN THE FOLDING DOOR INDUSTRY!

• Standard Sizes • Standard Colors • Easy to Stock • Easy to Distribute

Desirable territories available to franchised distributors and dealers

APRIL 1955

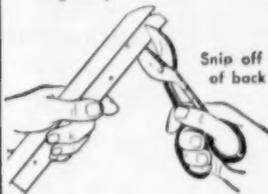
LOOK

Our No. 50 Quarter-Round Steel Plaster Grounds for doors and windows

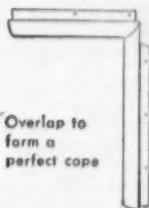
THE ORIGINAL Factory Mitered

Precision die-cut—one end right hand miter—other left hand—for accurate, faster installation— $\frac{1}{2}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ " grounds.

NO HEMMED EDGE to interfere with PERFECT Coped Joints.



Snip off portion of back nailing flange



Overlap to form a perfect cope

LOOK to CASINGS INC.

for all your needs in plaster grounds—the most complete line—5 styles, 3 grounds in each style— $\frac{1}{2}$ ", $\frac{3}{4}$ ", $\frac{7}{8}$ "—standard 7', 7' 3" and 10' lengths IN WOODEN CRATES.



The line that lathers like—designed right, made right, packed right—to save time, money, trouble!

CASINGS INC.

2408 N. Farwell Avenue
Milwaukee 11, Wisconsin

Broadway Rubber Mfg Co 529 E Broadway
Louisville 2 Ky
Chicago Pneumatic Tool Co 6 E 44th St New
York 17 NY
Cincinnati Rubber Mfg Co 4900 Franklin Ave
Cincinnati 12 Ohio
Continental Rubber Works 1956 Liberty St
Erie Pa
Devilbiss Co 300 Phillips Ave Toledo 1 Ohio
Gates Rubber Co 1901 S Broadway Denver 17
Colo
Goodall Rubber Co Inc 427 Whitehead Rd
Trenton NJ
Goodrich (B F) Co 509 S Main St Akron 18
Ohio
Hewitt Rubber Div Hewitt-Robins Inc Central
& Kensington Buffalo 5 NY
Raybestos-Manhattan Inc Manhattan Rubber
Div 61 Willett St Passaic NJ
Republic Rubber Div Lee Rubber & Tire Co
Albert St Youngstown 1 Ohio
Thermoid Co 290 Whitehead Rd Trenton 6 NJ
Union Rubber & Asbestos Co Allen & Donahue
Trenton 6 NJ
United States Air Compressor Co 5300 Har-
vard Ave Cleveland Ohio
United States Rubber Co 1230 Ave of Americas
New York 20 NY

► HYDRAULIC TAIL GATES

Anthony Co 91 Reinhard St Stretor III
Cemo Industries Inc Gallion Ohio
Daybrook Hydraulic Corp 599 Lehmann Ave
Bowling Green Ohio
Fruehauf Trailer Co 10941 Harper Ave Detroit
32 Mich
Heil Co 3090 W Montana St Milwaukee 2 Wis
Hercules Steel Prods Corp Gallion Ohio
Marion Metal Prods Co Cheney Ave at Otis
Marion Ohio
Perfection Steel Body Co Gallion Ohio
Wood (Gar) Industries Inc Michigan Blvd
Wayne Mich

► INCINERATORS

A B Stoves GPO Box 2059 Detroit 31 Mich
Adams Co The PO Box 268 Dubuque Iowa
**AIRLINE PRODS DIV BORG-WARNER
CORP KALAMAZOO MICH**
American Incinerator Corp 5710 E Nevada St
Detroit 11 Mich
Brule Incinerator Corp 497 S Dearborn St
Chicago 5 Ill
Calculator Corp 28th & Water Sts Bay City
Mich
Caloric Stove Corp Topton Pa
Cole Hot Blast Mfg Co 3817 S Racine Ave
Chicago 9 Ill
Corona Heater Corp 1422 Euclid Ave Cleve-
land 16 Ohio
Cribben & Sexton Co 700 N Sacramento Chi-
cago 12 Ill
Detroit Michigan Stove Co 6900 Jefferson Ave
Detroit 7 Mich
**DONLEY BROS CO 13916 MILES AVE
CLEVELAND 5 OHIO**
Downglac Steel Furnace Co Downglac Mich
Duo-Therm Div Motor Wheel Corp Mt Hope &
Wash Lansing 3 Mich
Fiske (J W) Iron Works 80 Park Place New
York 7 NY
Gagnon Clay Prods Co 526 S Broadway Green
Bay Wis
Gasator Mfg Co 2108 Payne Ave Cleveland
Ohio
Glehnner Inc 1900 Kendall NE Washington 2
DC
Goder Incinerator Corp 407 S Dearborn St
Chicago 5 Ill
Goder (Joseph) Inc 5121 N Ravenswood Chi-
cago 40 Ill
Henry Furnace Co Medina Ohio
Holland Furnace Co Holland Mich
Houston Pipe & Sheet Metal Works Box 1692
Houston Texas
Illinois Iron & Bolt Co 914 S Michigan Ave
Chicago 5 Ill
**INCINERATION DIV BOWSER INC 4209
RYCAMORE ST CAIRO ILL**
Incinerator Prods Co 633 S Post Ave Detroit
17 Mich
Industrial Iron Works PO Box 4625 Portland
2 Ore
Interstate Brick Co 3100 S 11th East Salt Lake
City Utah
Kerner Incinerator Div Morse-Beulger Destruc-
tor Co 208 E 42nd St New York 17 NY
King Stove & Range Co PO Box 271 Sheffield
Ala
Locke Stove Co 114 W 11th St Kannan City 5
Mo
Mazic Chef Inc 1641 S Kingshighway St Louis
10 Mo
**MAJESTIC CO HALL ST HUNTINGTON IND
(See advertisement this page)**
Majestic Mfg Co 4550 Gustine St St Louis 16
Mo
Mueller Climatrol Corp 2905 W Oklahoma St
Milwaukee 16 Wis
Nenco 280 N 12th St Milwaukee Wis
Ohio Stove Co 791 11th St Portsmouth Ohio

Majestic INCINERATOR



A name promi-
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cineration for the
past 25 years.
Both automatic
gas and fuelless
models. Listed
and approved.
Full range of
prices to meet all
pocketbooks. Na-
tionally adver-
tised.

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The Majestic Company, Inc.

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Since 1907

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Lea Minn
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Seattle Boiler Works Inc 5237 E Marginal Way
Seattle 4 Wash
Sno-Lite Prods Co PO Box 58 Reno Nev
Spurgeon (N B) Co 29 N Wacker Dr Chicago
6 Ill
Syracuse Alloy Metals Corp 511 N State St
Syracuse 3 NY
Waldorf Heater Co 1421 Chestnut St Phila-
delphia 2 Pa
Wisconsin Face Brick & Supply Co 4485 N
Green Bay Milwaukee Wis
Worsham Co Inc 898 Ocean Center Long
Beach 2 Calif

► INSTRUMENTS, DRAFTING

Dietzgen (Eugene) Co 2425 N Sheffield Chicago
14 Ill
Higgins Ink Co Inc 271 9th St Brooklyn 16 NY
Keuffel & Esser Co 300 Adams St Hoboken NJ
Loomis Industries Box 442 Berkeley 1 Calif
Pickett & Eckel Inc 5 S Wabash Ave Chicago
3 Ill
Post (Frederick) Co 333 W Lake St Chicago
Ill
Smith (H E) Co Maume at Harold Adrian
Mich
Timely Prods Co Box 416 Basil Ohio
Universal Drafting Machine Co 7960 Lorain
Ave Cleveland 2 Ohio
**WARREN-KNIGHT CO 136 N 12TH ST
PHILADELPHIA 7 PA**
White (David) Co 315 W Court St Milwaukee
Wis
Woodrow Engineering Co 5073 Broadway Chi-
cago 40 Ill

► INSTRUMENTS, INDICATING, RECORDING AND CON- TROLLING

Abbeon Supply Co 179-15 Jamaica Ave
Jamaica 32 NY
Black Sivalis & Bryson Inc 7500 E 12th St
Kansas City 26 Mo
Bradley (L R) & Co 25 W 45th St New York
19 NY
Bristol Co PO Box 1790 Waterbury 20 Conn
Colloid Equipment Co Inc 19 Murray St New
York 7 NY
Foxboro Co 86 Neponset Foxboro Mass
General Electric Co 1 River Road Schenectady
5 NY
**MINNEAPOLIS-HONEYWELL REGULATOR
CO 3747 S FOURTH AVE MINNEAPOLIS
3 MINN**
Moore Dry Kiln Co 1220 W State St Jackson-
ville Fla
Newark Controls Co 15 Ward St Bloomfield NJ
Powers Regulator Co 3400 Oakton St Skokie Ill
Taylor Instrument Cos Olson & Ames St
Rochester 1 NY
Victor Adding Machine Co 3900 N Rockwell St
Chicago Ill
Weston Electrical Instrument Corp 614 Fre-
linghuysen Newark 5 NJ
Wheeler Instrument Div Barber-Colman Co
Rockford Ill

► INSTRUMENTS, SURVEYING

Argyle Mfg Co Colchester Ill
**BERGER & SONS 37 WILLIAMS ST BOS-
TON 19 MASS**
**BOSTROM-BRADY MFG CO STONEWALL &
BAILEY ATLANTA GA**
Chicago Steel Tape Co 7956 S Chicago Ave
Chicago 17 Ill
Dietzgen (Eugene) Co 2425 N Sheffield Chi-
cago 14 Ill
**GOLDBLATT TOOL CO 1916 WALNUT ST
KANSAS CITY 8 MO**
Keuffel & Esser Co 309 Adams St Hoboken NJ
Post (Frederick) Co 333 W Lake St Chicago
Ill
Royal Oak Industries Inc Grand Haven 1 Mich
Starrett (L S) Co 101 Crescent St Athol Mass
**WARREN-KNIGHT CO 136 N 12TH ST
PHILADELPHIA 7 PA**
White (David) Co 315 W Court St Milwaukee
Wis

► INSULATING BOARD PRODUCTS

Barrett Div Allied Chemical & Dye Corp
40 Rector St New York 6 NY

► INSULATION, ALUMINUM FOIL

Abbeon Supply Co 179-15 Jamaica Ave Jamaica
32 NY
**ANGIER CORP FOUNTAIN ST FRAMING-
HAM MASS**
Consol Insulating Prods 2316 San Fernando
Los Angeles 45 Calif
Corson (G & W H) Inc Plymouth Meeting Pa
**INFRA INSULATION INC 525 BROADWAY
NEW YORK NY**
Janesville Cotton Mills 220 N Franklin St
Janesville Wis
**KAISER ALUMINUM & CHEMICAL SALES
1924 BROADWAY OAKLAND 12 CALIF**
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cago Ill
Old American Roofing Mills Div Ruberoid Co
500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd
Kansas City Mo
Protective Papers Inc Union Ill
Quaker State Metals Co Manheim Pike at City
Bypass Lancaster Pa
Rauschenberger (John) Co 423 N Plankinton
Milwaukee 1 Wis
**REFLECTAL CORP SUBSID BORG WARNER
CORP 310 S MICHIGAN AVE CHICAGO 4
ILL**
**REYNOLDS METALS CO BLDG PRODS DIV
2001 S NINTH ST LOUISVILLE 1 KY**
**RUBEROID CO 500 5TH AVE NEW YORK
36 NY**
Wilson (Grant) Inc 141 W Jackson Blvd
Chicago 4 Ill

► INSULATION, BATT OR BLANKET, COTTON FIBER

Barnhardt Mfg Co PO Box 2176 Charlotte 1
NC
Inel-Cotton Div Taylor Bedding Mfg Co Tay-
lor Texas
Janesville Cotton Mills 100 E 69th St Cincin-
nati 16 Ohio
Janesville Cotton Mills 220 N Franklin St
Janesville Wis
Lockport Mills Inc Elmwood Ave Lockport NY
Standard Cotton Prods Co Flint Mich
Taylor Bedding Mfg Co Taylor Texas
United States Rubber Co 1230 Ave of Ameri-
cas New York 20 NY

► INSULATION, BATT OR BLANKET, COTTON FIBER, ALUMINUM FOIL

Gilman Bros Co 100 Main St Gilman Conn
Janesville Cotton Mills 100 E 69th St Cincin-
nati 16 Ohio
Janesville Cotton Mills 220 N Franklin St
Janesville Wis
Lockport Mills Inc Elmwood Ave Lockport NY
Standard Cotton Prods Co Flint Mich

► INSULATION, BATT OR BLANKET, FIBROUS GLASS

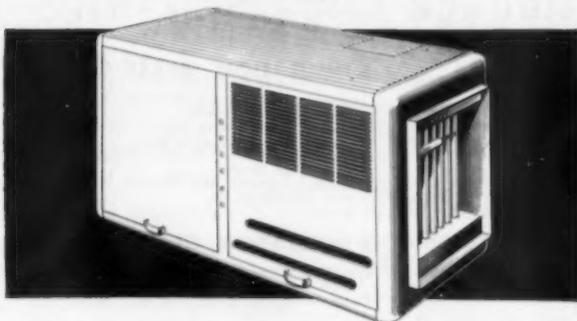
**ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA**
Asbestos Asphalt & Insulation Inc 2100 Ful-
lerton Ave Chicago 47 Ill
B & B Engineering Supply Co 2900 Washing-
ton Ave Houston 1 Texas
**CERTAIN-TEED PRODS CORP 120 E LAN-
CASTER AVE ARDMORE PA**
Fiber-Glass Div Libbey-Owens-Ford Glass Co
608 Madison Ave Toledo 3 Ohio

Cuts Installation Costs

because it's a complete package

Adds Sales Appeal

because it's completely enclosed



the Reznor PAC

No exposed controls...no protruding burners...no dangling connections. Everything completely enclosed in a compact appliance-styled cabinet. One look will tell you why home buyers prefer the Reznor PAC—the only completely enclosed horizontal furnace.

The same features which make the PAC a favorite with your prospects make it easy—and inexpensive—to install. It comes as a complete package. No outside controls or connections. They're all mounted within the main cabinet. Installation is further simplified by the built-in draft diverter and by the ease of interchanging from horizontal to vertical flue connections.

Three sizes—75, 100 and 125,000 BTU. Universal burner for any type of gas. Compact design makes the PAC a must where space is at a premium. The 75,000 BTU model measures only 22" x 23" x 42³/₈". Ideal for attic and crawl space applications and for suspended installation in basement or utility room.



Reznor suspended gas unit heaters are available in nine sizes—25,000 to 250,000 BTU.

To find out more about how the Reznor PAC can cut costs and add sales appeal to every home you build, write today for your free copy of bulletin GNP-52. **The Reznor Manufacturing Company, 42 Union Street, Mercer, Pa.**

REZNOR
THE WORLD'S LARGEST-SELLING
GAS UNIT **HEATERS**

APRIL 1955

50%
MORE POWER
FREE!

Now 1½ H.P. motor instead of
1 H.P.—at old low price!

STILL ONLY
\$395
complete delivered
EASY TERMS



Safety key switch



Carrying handles



Powerful 1½ H.P. motor



Voltage change switch

Here's AMF DeWalt's new model GW-I with a FULL 1½ H.P. direct-drive motor—just 1 of 12 new operating and safety features you get at *no extra cost*.

This lightweight GW-I is perfect for small builders to use on the job—for frame and finish cutting. Enjoy **BIG-SAW CAPACITY** at small-saw cost. 10" saw cuts 3" deep, rips 26" wide. Uses 12" saw to cut 4" deep when needed.

Buy yours NOW...start your next job using AMF DeWalt methods and increase your profits!

FREE! New AMF DeWalt Idea Book on Cutting Methods—practical, profit-making ideas for builders!

Another **AMF** Product
DEWALT
POWER TOOLS

AMF DE WALT, Dept. AB-55-4, Lancaster, Pa.

Please send me your new idea book for builders.

NAME _____

ADDRESS _____

CITY _____

STATE _____

423

INSULITE DIV MINNESOTA & ONTARIO PAPER CO 500 BAKER ARCADE MINNEAPOLIS 2 MINN
 Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 National Plywoods Inc 2710 Throop St Chicago Ill
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
OWENS-CORNING FIBERGLASS CORP NICHOLAS BLDG TOLEDO 3 OHIO
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
RUBEROID CO 500 5TH AVE NEW YORK 36 NY
 SealTite Insulation Mfg Corp 115 Madison St Waukesha Wis
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky

INSULATION, BATT OR BLANKET, MINERAL WOOL

Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill
 American Rock Wool Corp 20 N Wacker Dr Chicago Ill
 Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 B and B Engineering Supply Co 2900 Washington Ave Houston 1 Texas
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Baldwin Hill Co 500 Breunig Ave Trenton 2 NJ
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Carney Co Inc 153 Chestnut Mankato Minn
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
CHAMBERLIN CO OF AMERICA 1254 LABROSSE ST DETROIT 26 MICH
 Coast Insulating Prods 2316 San Fernando Los Angeles 65 Calif
 Corson (G&W H) Inc Plymouth Meeting Pa Eagle-Picher Co American Bldg Cincinnati 1 Ohio
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
 Forty-eight Insulations Inc Thomas & McGee Sts Aurora Ill
 Huntington Industries Inc 2368 Prospect St Memphis Tenn
 Industrial Prods Co Inc Boswell St Mt Pleasant Tenn
 Insul-Wool Insulation Corp 121 N Dodge Wichita 12 Kan
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 14 NY
 Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio
 Lehon Co Madison at 25th Av Bellwood Ill
 Mineral Insulation Co Chicago Ridge Ill
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO NY
 National Rock Wool Sales Inc Largo Ind
 Plastergon Wall Board Co 196 Philadelphia Buffalo 7 NY
 Riverton Lime & Stone Co Inc Riverton Va SealTite Insulation Mfg Corp 115 Madison St Waukesha Wis
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill
 Tennessee Prods & Chemical Corp 500 1st American National Bank Nashville 3 Tenn
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 U S Mineral Wool Co Stanhope NJ
 Western Mineral Prods Co 1720 Madison NE Minneapolis Minn

INSULATION, BATT OR BLANKET, WOOD FIBER

Kimberly-Clark Corp 128 N Commercial Neenah Wis
 National Plywoods Inc 2710 Throop St Chicago Ill
PACIFIC LUMBER CO 35 E WACKER DRIVE CHICAGO 1 ILL
 Simpson Logging Co White Bldg Seattle 1 Wash
 Wood Conversion Co 1st National Bank Bldg St Paul 1 Minn

INSULATION, BLOWING WOOL

American Rock Wool Corp 20 N Wacker Dr Chicago Ill
 Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 B and B Engineering Supply Co 2900 Washington Ave Houston 1 Texas
 Baldwin Hill Co 500 Breunig Ave Trenton 2 NJ

Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 Burton (S T) Co 228 N La Salle St Chicago 1 Ill
 Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Carney Co Inc 153 Chestnut Mankato Minn
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
CHAMBERLIN CO OF AMERICA 1254 LABROSSE ST DETROIT 26 MICH
 Eagle-Picher Co American Bldg Cincinnati 1 Ohio
 Forty-eight Insulations Inc Thomas & McGee Sts Aurora Ill
 Huntington Industries Inc 2368 Prospect St Memphis Tenn
 Industrial Prods Co Inc Boswell St Mt Pleasant Tenn
 Insul-Wool Insulation Corp 121 N Dodge Wichita 12 Kan
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 14 NY
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 National Rock Wool Sales Inc Largo Ind
PACIFIC LUMBER CO 35 E WACKER DRIVE CHICAGO 1 ILL
 Pal-O-Pak Insulation Co Inc Hartland Wis
 SealTite Insulation Mfg Corp 115 Madison St Waukesha Wis
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill
 Tennessee Prods & Chemical Corp 500 1st American National Bank Nashville 3 Tenn
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 U S Mineral Wool Co Stanhope NJ

INSULATION, BOARD, CORK

ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 B and B Engineering Supply Co 2900 Washington Ave Houston 1 Texas
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill
 Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill

INSULATION, BOARD, FIBER

Air-O-Cel Co 22000 Woodward Ave Detroit 20 Mich
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BIRD & SON INC 47 WILSON ST EAST WALPOLE MASS
 Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
DANT & RUSSELL INC 1320 SW BROADWAY PORTLAND 1 OREGON
 Davis Plywood Corp 12555 Beren Rd Cleveland 11 Ohio
 Fir-Tex Insulating Board Co U S National Bank Bldg Portland Ore
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
HOMASOTE CO 1935 HARVEY RD TRENTON 3 NJ
INSULITE DIV MINNESOTA & ONTARIO PAPER CO 500 BAKER ARCADE MINNEAPOLIS 2 MINN
JOHNS-MANVILLE CORP 22 EAST 40TH ST NEW YORK 14 NY
KEASBEY & MATTISON CO BUTLER AVE AMBLER PA
 Kimberly-Clark Corp 128 N Commercial Neenah Wis
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
PACIFIC LUMBER CO 35 E WACKER DRIVE CHICAGO 1 ILL
 Plastergon Wall Board Co 196 Philadelphia Buffalo 7 NY
 Rubatex Div Great American Industries Inc Bedford Va
 Simpson Logging Co White Bldg Seattle 1 Wash
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
 Wood Conversion Co 1st National Bank Bldg St Paul 1 Minn

INSULATION, BOARD, MINERAL WOOL

Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill
 B and B Engineering Supply Co 2900 Washington Ave Houston 1 Texas
 Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio

Chicago Fire Brick Co 1461 N Elston Chicago 22 Ill
 Coast Insulating Prods 2316 San Fernando Los Angeles 65 Calif
 Corson (G & W H) Inc Plymouth Meeting Pa Green (A F) Fire Brick Co 1108 E Breckenridge Mexico Mo
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 14 NY
OWENS-CORNING FIBERGLASS CORP NICHOLAS BLDG TOLEDO 3 OHIO
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill

INSULATION, BOARD, REFLECTIVE

Air-O-Cel Co 22000 Woodward Ave Detroit 20 Mich
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill

INSULATION, GLASS CELLULAR

American Bldrok Co 2001 W Pershing Rd Chicago 9 Ill
 B and B Engineering Supply Co 2900 Washington Ave Houston 1 Texas
 Pittsburgh Corning Corp 1 Gateway Center Pittsburgh 22 Pa
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill

INSULATION, GLASS FOAM

B and B Engineering Supply Co 2900 Washington Ave Houston 1 Texas
 Coast Insulating Prods 2316 San Fernando Los Angeles 65 Calif
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill

INSULATION, GRANULAR FILL, EXPANDED, VERMICULITE, ETC.

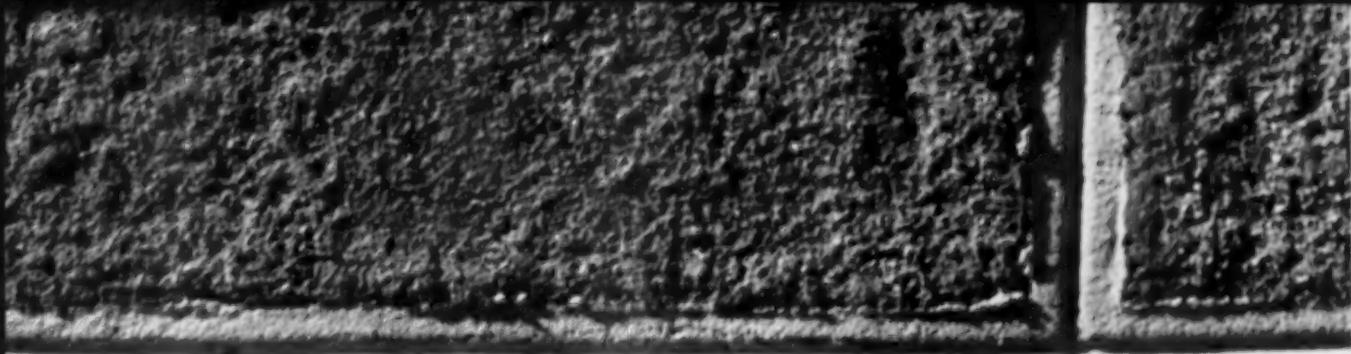
Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Collins Vermiculite Co Box 5120 Benning Sta Washington 19 DC
 Dodson Mfg Co Inc 1463 Barwise Wichita Kan
 Empire Roofing & Insulation Co Tulsa Okla
 Graybeal (C R) & Sons PO Box 198 Rom Mountain Tenn
 Great Lakes Carlson Corp Perlite Div 612 S Flower Los Angeles 17 Calif
 Munn & Steele Inc Castle Island Terminal S Boston Mass
 Perlite Mfg Co PO Box 478 Carnegie Pa
 Pyramid Co 5100 Manchester St Louis 10 Mo
 Robinson Insulation Co PO Box 1419 Great Falls Mont
 Schundler (F E) & Co Inc 504 Railroad St Joliet Ill
 Silbriec Corp 5901 W 66th St Chicago 38 Ill
 Texas Vermiculite Co 813 Airport Blvd Austin Texas
 Vermiculite Inc 333 W 1st S Salt Lake City Utah
 Vermiculite-Northwest Inc 2107 N 34th Seattle Wash
 Waylite Co 20 N Wacker Dr Chicago 6 Ill
 Western Mineral Prods Co 1720 Madison NE Minneapolis Minn
 Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill
ZONOLITE CO 135 S LASALLE ST CHICAGO 3 ILL
 Zonolite Co 515 Madison St Kansas City Mo

INSULATION, LOOSE FILL, GLASS

Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
INSULITE DIV MINNESOTA & ONTARIO PAPER CO 500 BAKER ARCADE MINNEAPOLIS 2 MINN
 Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio
OWENS-CORNING FIBERGLASS CORP NICHOLAS BLDG TOLEDO 3 OHIO

INSULATION, LOOSE FILL, MINERAL WOOL

American Rock Wool Corp 20 N Wacker Dr Chicago Ill
 Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill



For sure sales pick-up, builders turn to brick homes

As buyers become more selective and insist on higher quality, more and more builders in the highly competitive Long Island market are choosing brick.

Here's what they say—

"We find people prefer brick because of its warmth, quality and maintenance economy. In three weeks we sold 20 of the 35 brick homes in our newest section."

Newman & Wiesbarth
Central Homes, Bellmore, N. Y.



"When we build with brick, sales are faster. We also prefer brick because it gives us pride in the quality of our product. Our present price range is \$14,790-\$17,340."

Walter Beck, Beck and Rapone
New Bridge Terrace, Plain Edge, N. Y.



"In two months we sold 60 brick homes in the \$18,500-\$20,000 range. Brick makes them easier to sell—in fact, people demand brick in this price range."

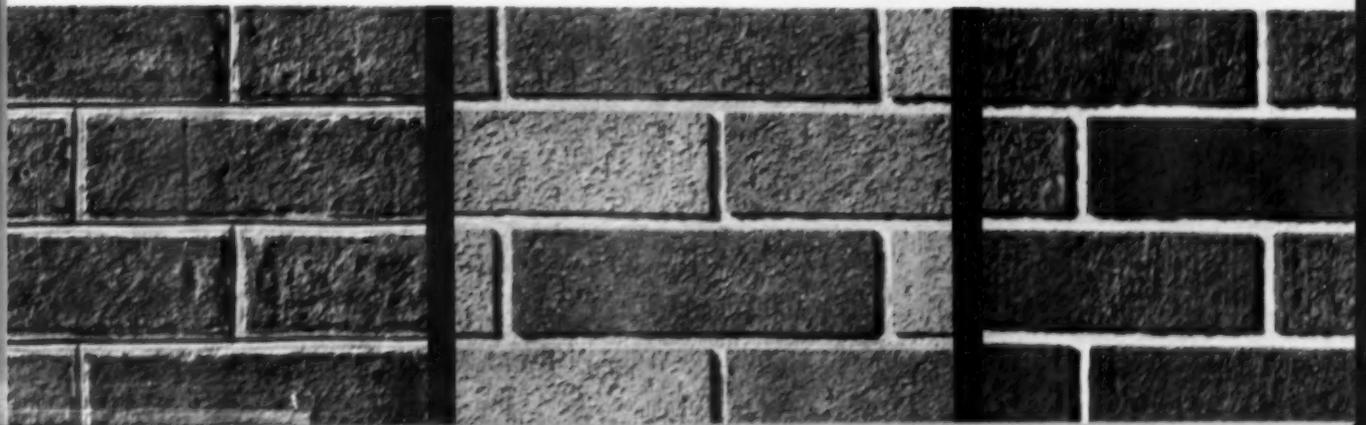
Joseph Mascioli
Clearview Village, Hicksville, N. Y.

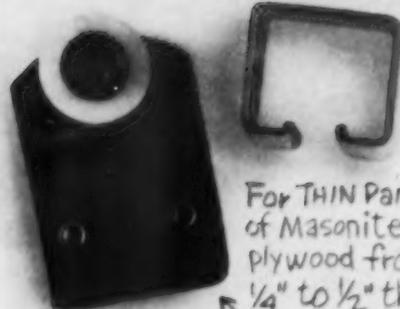


Structural Clay Products Institute

1520 18th Street, N. W., Washington 6, D. C.

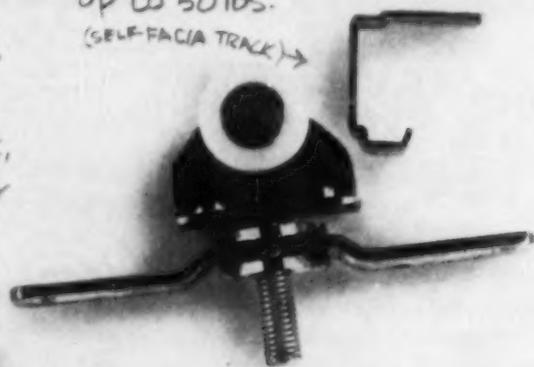
The beauty and variety of brick and tile make home sales easier





For THIN Panels of Masonite or plywood from $\frac{1}{4}$ " to $\frac{1}{2}$ " thick, use the Bantam 900. Ideal for wardrobes with by-passing doors. Track acts as trim.

Economy installations call for the fully packaged Rocket 1000. Use it on Interior + closet doors, up to 50 lbs.
(SELF-FACIA TRACK) →

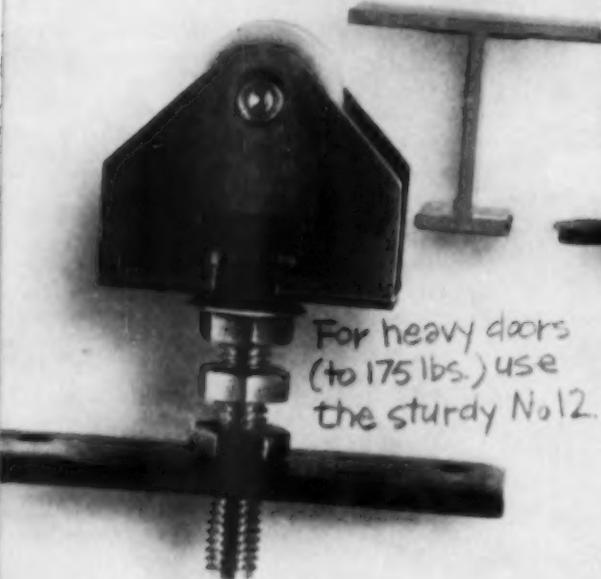



The Standard: Grant 7000! This is a beautifully designed hanger, prepackaged in track lengths + styles for every need. To 100 lbs.

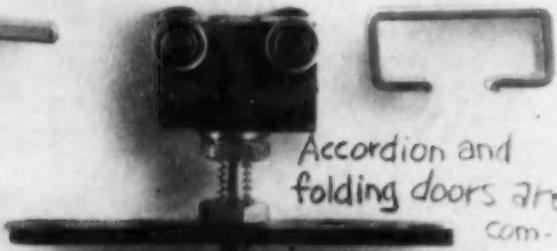
Five Ways to Hang Sliding Doors

Grant 

Grant, Pulley + Hardware Corporation
31-63 Whitestone Parkway, Flushing, N.Y.



For heavy doors (to 175 lbs.) use the sturdy No. 12.



Accordion and folding doors are coming back. Grant No. 15 (for 25 lbs) or No. 16 (for 50 lbs.)

← These are from our Continuous Ball Bearing Hangers (Series 5000) which are too big to show here. Doors + Walls up to 300 lbs.

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 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
 Burton (S T) Co 228 N La Salle St Chicago 1 ILL
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Carney Co Inc 153 Chestnut Mankato Minn
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH
 Chicago Fire Brick Co 146 1/2 N Elston Chicago 22 Ill
 Coast Insulating Prods 2314 San Fernando Los Angeles 65 Calif
 Corson (G & W H) Inc Plymouth Meeting Pa
 Engle-Picher Co American Bldg Cincinnati 1 Ohio
FLINKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
 Great Lakes Carbon Corp Perlite Div 612 S Flower Los Angeles 17 Calif
 Inaul-Wool Insulation Corp 121 N Dodge Wichita 12 Kan
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
 Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio
 Lehon Co Madison at 25th Ave Bellwood Ill
 Mineral Insulation Co Chicago Ridge Ill
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 National Rock Wool Sales Inc Largo Ind
OWEN-CORNING FIBERGLAS CORP NICHOLAS BLDG TOLEDO 2 OHIO
 Plasterton Wall Board Co 196 Philadelphia Buffalo 7 NY
 Riverton Lime & Stone Co Inc Riverton Va
 Sealtite Insulation Mfg Corp 115 Madison St Waukesha Wis
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill
 Tennessee Prods & Chemical Corp 509 1st American National Bank Nashville 3 Tenn
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 U S Mineral Wool Co Stanhope NJ

INSULATION, LOOSE FILL, WOOL CELLULOSE

Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
PACIFIC LUMBER CO 35 E WACKER DRIVE CHICAGO 1 ILL
 Pal-O-Pak Insulation Co Inc Hartland Wis

INSULATION, PLASTIC

Acme Asbestos Covering & Flooring Co 239 N Elizabeth Chicago 7 Ill
 Acme Brick Co PO Box 425 Ft Worth Texas
 B and B Engineering Supply Co 2900 Washington Ave Houston 1 Texas
 Chicago Fire Brick Co 146 1/2 N Elston Chicago 22 Ill
 Dow Chemical Co 1000 Main St Midland Mich
 Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa
 Mexico Refractories Co Love & Cole Sta Mexico Mo
 Quigley Co Inc 527 Fifth Ave New York 17 NY
 Sierra Electric & Mfg Co 544 E 31st Los Angeles Calif
 Sprayo-Flake Co 2727 W Irving Park Rd Chicago Ill
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill
 Unexcelled Chemical Corp 350 Fifth Ave New York 1 NY

INSULATION, REFLECTIVE

American Flange and Mfg Co 20 Rockefeller Plaza New York 20 NY
AMERICAN SISALKRAFT CORP 55 STARKEY AVE ATTLEBORO MASS
ANGER CORP FOUNTAIN ST FRAMINGHAM MASS
BIRD & SON INC 47 WILSON ST E WALPOLE MASS
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
 Gilman Bros Co 100 Main St Gilman Conn
INFRA INSULATION INC 525 BROADWAY NEW YORK NY
 Janesville Cotton Mills 220 N Franklin St Janesville Wis
 Kimberly-Clark Corp 128 N Commercial Nee-nah Wis
 Lockport Mills Inc Elmwood Ave Lockport NY

MEADOWS (W R) INC 2 KIMBALL ELGIN ILL
 National Plywoods Inc 2710 Throop St Chicago Ill
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Protective Papers Inc Union Ill
REFLECTAL CORP SUBID BORG-WARNER CORP 310 S MICHIGAN AVE CHICAGO 4 ILL
REYNOLDS METALS CO BUILDING PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
 Rieckraft Co 510 N Dearborn St Chicago 10 Ill
RUBEROID CO 500 5TH AVE NEW YORK 36 NY
 Sall Mountain Co Box 777 Hamilton Ohio
 Sealtite Insulation Mfg Corp 115 Madison St Waukesha Wis
 Silvercote Prods Inc 161 E Erie Chicago Ill
 Taylor Bedding Mfg Co Taylor Texas
 Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill

INSULATION, ROOF, DECK

ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 B and B Engineering Supply Co 2900 Washington Ave Houston 1 Texas
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
 Cleveland Gypsum Co 1276 W Third St Cleveland 15 Ohio
DANT & RUSSELL INC 1320 SW BROADWAY PORTLAND 1 ORE
 Gichner Inc 1990 Kendall NE Washington 2 DC
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
PACIFIC LUMBER CO 35 E WACKER DR CHICAGO 1 ILL
 Panacalite Perlite Inc 311 S 5th St Kansas City Kan
 Porete Mfg Co Porete Ave N Arlington NJ
 Simpson Logging Co White Bldg Seattle 1 Wash
 Sprayo-Flake Co 2727 W Irving Park Chicago Ill
 Tectum Corp 105 S Sixth Newark Ohio
 Texas Vermiculite Co 813 Airport Blvd Austin Texas
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 U S Menzel Plywoods Inc PO Box 1612 Louisville 1 Ky
 Waylite Co 20 N Wacker Dr Chicago 6 Ill

INSULATION, SPRAY-ON

B and B Engineering Supply Co 2900 Washington Ave Houston 1 Texas
 Columbia Acoustics & Fireproofing Co Stanhope NJ
 Evercrete Corp 424 W 42nd St New York 18 NY
 Green (A P) Fire Brick Co 1108 E Brecken-ridge Mexico Mo
 Hollingshead (R M) Corp 840 Cooper St Camden 3 NY
 Mexico Refractories Co Love & Cole Sta Mexico Mo
 Minnesota Mining and Mfg Co 900 Fauquier Ave St Paul 6 Minn
 Sealtite Insulation Mfg Corp 115 Madison St Waukesha Wis
 Smith & Kanzler Co E Linden Ave Linden NJ
 Sprayo-Flake Co 2727 W Irving Park Rd Chicago Ill
 Texas Vermiculite Co 813 Airport Blvd Austin Texas
 Verflax Sales Corp 115-117 Moonachie Carlstadt NJ

INTER-COMMUNICATING SYSTEMS

Auth Electric Co Inc 24-20 45th St Long Island City 1 NY
 Bell Sound Systems 555 Marion Columbus 7 Mo
 Colloid Equipment Co Inc 19 Murray St New York 7 NY
 Great American Industries Connecticut Telephone & Electric Div 70 Britannia St Meriden Conn
 Couch (S H) Co Inc 1 Arlington St N Quincy Mass
 Duane Corp 200 N 11th St St Charles Ill
EDWARDS CO INC POST HILL RD NORWALK CONN
 Executone Inc 415 Lexington Ave New York 17 NY
 Home Music Systems Inc 644 Madison St Memphis Tenn

International Business Machines Corp 590 Madison Ave New York 22 NY
 Kellogg Switchboard & Supply Co 79 W Monroe St Chicago 3 Ill
 Phone Craft Co 427 N Euclid Ave St Louis 8 Mo
 Rauland-Borg Corp 3515 W Addison Chicago 18 Ill
 Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
 Sierra Electric & Mfg Co 544 E 31st Los Angeles Calif
 Sports Faraday Inc 1322 Church St Adrian Mich
 Talk-A-Phone Mfg Co 1512 S Pulaski Rd Chicago 23 Ill
 U S Instrument Corp 407 11 Broad St Summit NJ
 Webster Electric Co 1900 Clark St Racine Wis

IRONERS

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 Apex Electrical Mfg Co 1020 E 152nd St Cleveland 10 Ohio
 Armstrong Prods Corp PO Box 940 Huntington 12 W Va
 Automatic Washer Co Newton Iowa
 Bendix Home Appliances Div Avco Mfg Co 1320 Arlington St Cincinnati 25 Ohio
 Blackstone Corp 1032-88 Allen St Jamestown NY
 Chicago Dryer Co 2210-20 N Pulaski Chicago 39 Ill
 Conlon Moore Corp 1824 S Laramie Cicero 50 Ill
 Fridairde Div Gen Motors Corp 300 Markham St Dayton 1 Ohio
HOTPOINT CO 5600 W TAYLOR ST CHICAGO 44 ILL
 Ironer Div Speed Queen Corp Algonquin Ill
 Ironite Inc 332 Cass Ave Mount Clemens Mich
 Kelvinator 14250 Plymouth Rd Detroit 32 Mich
 Maytag Co Newton Iowa
 Philco Corp Dexter Div Fairfield Iowa
 Speed Queen Corp PO Box 332 Ripon Wis
THOR CORP 2115 S 54TH AVE CHICAGO 50 ILL
 Universal Major Electric Appliance Co Box 119 Lima Ohio
WESTINGHOUSE ELECTRIC CORP PO BOX 806 PITTSBURGH 36 PA
 Whirlpool Corp St Joseph Mich

IRON, ORNAMENTAL

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 Stratton & Testagge Co Anchor Div 300 Culbertson Ave New Albany Ind
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 Badger Wire and Iron Works Inc 2933 W Cleveland Milwaukee 15 Wis
 Bonus Art Crafts 2015 Brookfield Rd Pittsburgh 16 Pa
 Bellkool Co 625 S State Box 581 Appleton Wis
 Belson Mfg Co E River Ird N Aurora Ill
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Stewart Iron Works Inc PO Box 1939 Cincin-
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Sturdes Metal Porch Co PO Box 671 Baltimore
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Breyer Bros Whiting & Co 4 E Franklin St
Wauupun Wis
Clay Equipment Corp 23 Builder St Cedar Falls
Iowa
Duff-Norton Mfg Co 2709 Preble Ave Pitts-
burgh 30 Pa
Harris Inc 200 E Long St Columbus Ohio
Holms Mfg Co of Ohio 1340 Lake Shore Blvd
Akron 1 Ohio
M and M Wire Clamp Co 975 17th Ave Minne-
apolis Minn
National Plaster Block Co 2236 N 27th St Phi-
ladelphia 32 Pa
Newark Ladder & Bracket Co Inc 17 Walnut
Ave (Clark) Rahway NJ
Ridgely Trimmer Co 1300 Kenton St Spring-
field 99 Ohio
STEEL SCAFFOLDING CO 856 HUMBOLDT
ST BROOKLYN 22 NY
SYMONS CLAMP AND MFG CO 4249 DIVER-
SEY AVE CHICAGO 39 ILL
Templeton Kenly and Co Gardner Rd Broad-
view Ill
Tilley (John S) Ladders Co Inc 112 Second St
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burgh 30 Pa
Joyce-Cridland Co E First & Hotl Dayton 3
Ohio
Sweett (A L) Iron Works 145 Glenwood Ave
Medina NY
Templeton Kenly & Co Gardner Rd Broadview
Ill

JACKS, LADDER

Advance Equipment Mfg Co 4617 W Chicago
Ave Chicago Ill
American Ladder Co 5509 NW 7th Ave Miami
38 Fla
Babecek (W W) Co Inc Delaware Ave Bath
NY
Bauer Mfg Co Palmer St Wooster Ohio
Breyer Bros Whiting & Co 4 E Franklin St
Wauupun Wis
Caster Mold and Machine Co 1171 Wooster Rd
N Barberton Ohio
Flint (A W) Co 85 Lloyd St New Haven 6
Conn
GR & G Stamping Co Inc 6408 S State St
Chicago 21 Ill
Goshen Mfg Co 10th & Reynolds St Goshen Ind
Heldler Mfg Co Carroll Iowa

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Howard Mfg Co Kent Washington
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Mass
Larson Ladder Co 651 Martin Ave Santa Clara
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Moulton Ladder Mfg Co 2-40 Harding St
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PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE BLVD PITTSBURGH 22 PA
Richey Mfg Co 2801 Rochester Rd Springfield
Ill
Ridgely Trimmer Co 1300 Kenton St Spring-
field 99 Ohio
Sabin Machine Co 6536 Carnegie Ave Cleveland
2 Ohio
Tilley (John S) Ladders Co Inc 112 Second St
Watervliet NY
United Screw & Bolt Corp 3590 W 58th St
Cleveland 2 Ohio
WACO MFG CO 3565 WOODDALE AVE
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Fla
Air Control Prods 3601 NW 54th St Miami Fla
Air-O-Blind Metal Awning Co 1940 Linwood
Oklahoma City Okla
Atr Vue Prods Corp 3649 NW 50th St Miami
Fla
Albritton Engineering Corp 2501 Wronton Rd
Houston 5 Texas
All-Lite Metal Window Co Box 11 Bristol Pa
All Weather Jalousies Inc State Highway 46
Teterboro NJ
American Aluminum Prods Inc PO Box 192
Miami 48 Fla
Anderson (V E) Mfg Co 1515 E 18th St
Greenboro Nc
Arnold Prods Sales Corp PO Box 71 Little
River Sta Miami 38 Fla
Ateo Aluminum Prods 1910 S Kuhl Ave Or-
lando Fla
Barnhart (A W) Co 140 Highland St Port
Chester NY
Belknap Glass Co 1000 Valley Seattle 1 Wash
Blue Ridge Glass Corp Kingsport Tenn
Casement Hardware Co 612 N Michigan Ave
Chicago 11 Ill
Cincinnati Fly Screen Div Russell (F C) Co
Union Commerce Bldg Annex Cleveland Ohio
Clearview Louver Window Co 2625 Elm St
Dallas 1 Texas
Crosby Window Corp 3550 NW 71st St Miami
Fla
Denison Corp 1890 NE 146th St N Miami 6 Fla
Eagle-Picher Co American Bldg Cincinnati 1
Ohio
Eting Window 24 Houston St Barberton Ohio
Etwale Equipment Mfg Co 105 Reade St New
York 13 NY
Florida Georgia Brick & Tile Co 589 Nixon St
Jacksonville Fla
FLYNN MFG CO 700 E GODFREY AVE
PHILADELPHIA 24 PA
Fulton Glass Co Box 348 Hartford City Ind
Future Prods Inc PO Box 66 Sta A St Peters-
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Heinley Movable Shutters 1620 Euclid Santa
Monica Calif
Kaufmann Corp 17210 Gable St Detroit 12
Mich
KELLEHER CO 2525 HART AVE DETROIT
14 MICH
KOTA PRODS INC N COUNTY RD ROCKY
POINT LI NY
LEONARD (R B) INC 3553 NW 50TH ST
MIAMI FLA
LIBBEY-OWENS-FORD GLASS CO 608
MADISON AVE TOLEDO OHIO
LUDMAN CORP 14100 BISCAYNE BLVD N
MIAMI FLA
Midwest Louvrelite Co 2040 W Washington
Chicago 12 Ill
NATIONAL ALUMINUM CO COLUMBUS
OHIO
NOVA SALES CO TRENTON 3 NJ
Orange Div Eagle Picher Co American Bldg
Cincinnati Ohio
Pro-Tect-U Jalousie Corp 4525 Ponce De Leon
Coral Gables Fla
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Detroit 27 Mich
Republic Hardware & Distributing Corp 1067
E 54th St Indianapolis 20 Ind
Royal Jalousie Co 1036 E 24th St Hialeah Fla
Ruffe Inc 745 NW 54th St Miami Fla
RUSSELL (F C) CO 1100 CHESTER AVE
CLEVELAND 1 OHIO
Superior Window Co 5300 NW 37th Ave Miami
Fla
U S Menzel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky
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New York 60 NY
Universal Metal Prods Corp 4041 N W 26 St
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NANDO RD SUN VALLEY CALIF

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Ave Chicago 22 Ill
Anderson (V E) Mfg Co 1515 E 18th St Owens-
boro Ky
Cotton & Hanlon Odessa NY
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Mo
Farley & Loetscher Mfg Co Dubuque Iowa
KEWANEE MFG CO 150 BURLINGTON AVE
KEWANEE ILL
Marquart Millwork Co 50 Ceape St Oshkosh
Wis
Pacific Mutual Door Co Tacoma Bldg Tacoma
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Calif
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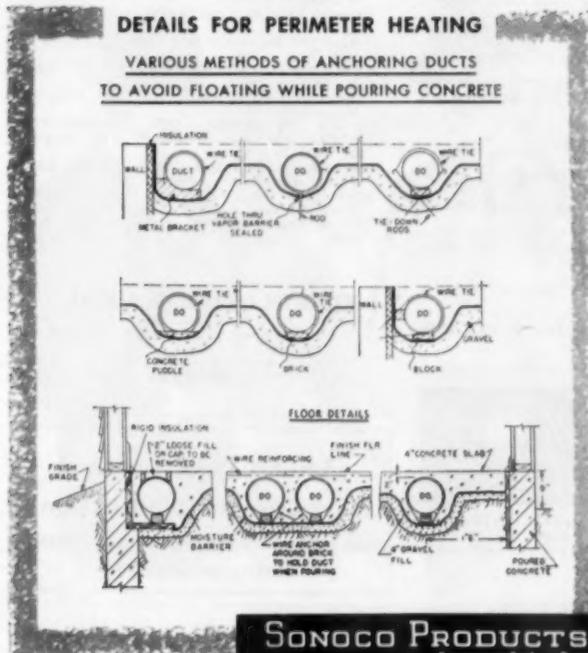
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American Machine & Foundry Co 611 Fifth
Ave New York NY
Atlas Press Co 1901 N Pitcher St Kalamazoo
Mich
BELSAW MACHINERY CO 315 WESTPORT
ST KANSAS CITY 11 MO
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Duro Metal Prods Co 2649 N Kildare Ave Chi-
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Newman Machine Co Inc 507 Jackson St
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MFG CORP 1950 GRAND AVE MIDDLE-
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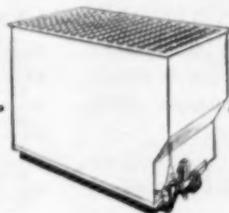
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town Ohio

► KNIVES, VENEER

Borg-Warner Corp Atkins Saw Div 402 S
Illinois St Indianapolis 9 Ind
Disston (Henry) & Sons Inc Unruh & Milnor
Sts Philadelphia 35 Pa
Hoe (R) & Co Inc 910 E 138th St New York
54 NY
Sandvik Saw & Tool Corp 47 Warren St New
York 7 NY
**SIMONDS SAW & STEEL CO 470 MAIN ST
FITCHBURG MASS**

► LADDER ACCESSORIES

Aluminum Ladder Co Box 101 Worthington Pa
American Ladder Co 5509 NW 7th Ave Miami
38 Fla
American Mason Safety Tread Co 125 Perry St
Lowell Mass
Berg Mfg Co 5319 S La Salle Chicago 9 Ill
Breyer Bros Whiting Co 4 E Franklin St
Waupun Wis
Goshen Churn & Ladder Inc 1930 Estes Blvd
Goshen 4 Ind
Green (Harry A) & Son 1620 S Canal Chicago
Ill
Holland Ladder & Mfg Co 13053 W 17th St
Holland Mich
Johnson Industries Inc 2110 S 7th Blvd St
Louis 4 Mo
Larson Ladder Co 651 Martin Ave Santa Clara
Calif
Lewis-Skinner Co New Boston NH
Michigan Ladder Co 12 E Forest Ave Ypsilanti
Mich
Patent Scaffolding Co The 38-21 12th St Long
Island City 1 NY
Rich (Howard B) Inc Sixth St Carrollton Ky
Ridgely Trimmer Co 1300 Kenton St Spring-
field 99 Ohio
**STEEL SCAFFOLDING CO 856 HUMBOLDT
ST BROOKLYN 22 NY**
Tilley (John S) Ladders Co Inc 112 Second St
Watervliet NY
Weinstein Ladder Co Route 29 Union NJ
Woodenware Prods Corp 122 N 7th St St Louis
1 Mo

► LADDER, STEPS, SAFETY

Advance Equipment Mfg Co 4617 W Chicago
Ave Chicago Ill
American Ladder Co 5509 NW 7th Ave Miami
38 Fla
Arrow Prods Inc 417 Front St NW Grand
Rapids Mich
Babeock (W W) Co Inc Delaware Ave Bath NY
Baltimore Co 139 Pennsylvania Ave Wayne Pa
Berg Mfg Co 5319 S La Salle Chicago 9 Ill
Clark (J R) Co Spring Park Minn
Dayton Safety Ladder Co 2337 Gilbert Ave
Cincinnati 6 Ohio
Duo-Safety Ladder Corp 811 Ninth St Oshkosh
Wis
Goshen Churn & Ladder Inc 1930 Estes Blvd
Goshen 4 Ind
Green (Harry A) & Son 1620 S Canal Chicago
Ill
Holland Ladder & Mfg Co 13053 W 17th St
Holland Mich
Larson Ladder Co 651 Martin Ave Santa Clara
Calif
Rich (Howard B) Inc Sixth St Carrollton Ky
Ridgely Trimmer Co 1300 Kenton St Spring-
field 99 Ohio
Spurgeon (N B) Co 29 N Wacker Dr Chicago
6 Ill
Tilley (John S) Ladders Co Inc 112 Second St
Watervliet NY

► LADDERS, ALUMINUM

Abbeon Supply Co 179-15 Jamaica Ave Jamaica
32 NY
Acme Scaffold Co Inc 168 Nostrand Ave Brook-
lyn 5 NY
Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
Aluminum Ladder Co Box 101 Worthington Pa
American Ladder Co 5509 NW 7th Ave Miami
38 Fla
Chesley Industries Inc 7731 Lyndon St Detroit
12 Mich
Clark (J R) Co Spring Park Minn
Colloid Equipment Co Inc 19 Murray St New
York 7 NY
Duo-Safety Ladder Corp 811 Ninth St Osh-
kosh Wis
Larson Ladder Co 651 Martin Ave Santa Clara
Calif

NATIONAL ALUMINUM CO COLUMBUS OHIO

Newark Ladder & Bracket Co Inc 17 Walnut
Avenue (Clark) Rahway NJ
Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
Spurgeon (N B) Co 29 N Wacker Dr Chicago
6 Ill
Weinstein Ladder Co Route 29 Union NJ
Werner (R D) Co Inc 295 Fifth Ave New York
16 NY

► LADDERS, STEEL

Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
Baltimore Co 139 Penna Ave Wayne Pa
**BIL-JAX INC 190 WYSE RD ARCHBOLD
OHIO**
Chesley Industries Inc 7731 Lyndon St De-
troit 12 Mich
**CINCINNATI IRON FENCE CO INC 2181
FLORENCE AVE CINCINNATI 6 OHIO**
Davis & Siehl Co Dept AB Box 78 Sta A Cin-
cinnati 23 Ohio
International Steel Co 1321 Edgar St Evans-
ville 7 Ind
Logan Co 201 Cabel St Louisville 6 Ky
Meyers (Fred L) Mfg Co 1176 Hooven Ave
Hamilton Ohio
Precision Equipment Co 3712 N Milwaukee
Chicago 41 Ill

► LADDERS, WOOD, ALL TYPES

American Ladder Co 5509 NW 7th Ave Miami
38 Fla
Babeock (W W) Co Inc Delaware Ave Bath NY
Badger Corrugating Co 1801 West Ave S La
Crosse Wis
Bauer Mfg Co Palmer St Wooster Ohio
Beh & Co Inc 1150 Broadway New York NY
Berg Mfg Co 5319 S La Salle Chicago 9 Ill
Breyer Bros Whiting Co 4 E Franklin St
Waupun Wis
Clark (J R) Co Spring Park Minn
Dayton Safety Ladder Co 2337 Gilbert Ave
Cincinnati 6 Ohio
Duo-Safety Ladder Corp 811 Ninth St Oshkosh
Wis
Flint (A W) Co 85 Lloyd St New Haven 6
Conn
Frizell Ladder Co 135 Granite Boston 24 Mass
Goshen Churn & Ladder Inc 1930 Estes Blvd
Goshen 4 Ind
Goshen Mfg Co 10th & Reynolds St Goshen Ind
Goshen Sash & Door Co East Purl Goshen Ind
Green (Harry A) & Son 1620 S Canal Chicago
Ill
Heider Mfg Co Carroll Iowa
Heller (W C) & Co 1050 Bryant St Montpelier
Ohio
Holland Ladder & Mfg Co 13053 W 17th St
Holland Mich
Hopson (W C) Co 216-220 Grandville Grand
Rapids Mich
Houston Ready-Cut House Co 3601 Palk Ave
Houston 3 Texas
Howard Mfg Co of California 2428 E 56th St
Los Angeles Calif
Larson Ladder Co 651 Martin Ave Santa Clara
Calif
Los Angeles Ladder Co 6230 S Alameda Los
Angeles 1 Calif
Michigan Ladder Co 12 E Forest Ave Ypsilanti
Mich
Moulton Ladder Mfg Co 2-40 Harding St Som-
erville Mass
Newark Ladder & Bracket Co Inc 17 Walnut
Ave (Clark) Rahway NJ
Patent Scaffolding Co The 38-21 12th St Long
Island City 1 NY
**PITTSBURGH PLATE GLASS CO 432 FORT
DUQUESNE BLVD PITTSBURGH 22 PA**
Rich (Howard B) Inc Sixth St Carrollton Ky
**RICHARDS-WILCOX MFG CO 220 THIRD ST
ATLANTA 111**
Richbill Mfg Co 3277 Spring Grove Cincinnati
25 Ohio
**ROWE MFG CO 614 W THIRD ST GALES-
BURG ILL**
Spurgeon (N B) Co 29 N Wacker Dr Chicago
6 Ill
Tilley (John S) Ladders Co Inc 112 Second St
Watervliet NY
Topping Ladder Co Marion Inc
Warren (J D) Mfg Co Montpelier Ohio
Watson (Geo E) Co 417 S Washash Ave Chi-
cago Ill
Willamette Valley Lumber Co Box 5 Dallas Ore
Woodenware Prods Corp 122 N 7th St St Louis
1 Mo
Young (J O) Co 55 Laurel St Springfield Mass
Zoss Ladder & Mfg Co 4901 SW Macadam Ave
Portland 1 Ore

► LAMPS, FLUORESCENT

Celine Inc 220 N Fourth St St Charles Ill
Eagle Electric Mfg Co 23-10 Bridge Plaza Long
Island City NY
**GENERAL ELECTRIC CO NELA PARK
CLEVELAND 12 OHIO**

Red Tiger Prods Inc 20 N Wacker Chicago 6
Ill
Sylvania Electric Prods Inc 1740 Broadway
New York 19 NY
Westinghouse Electric Corp Lamp Div Bloom-
field NJ

► LAMPS, INCANDESCENT

Eagle Electric Mfg Co 23-10 Bridge Plaza Long
Island City NY
**GENERAL ELECTRIC CO NELA PARK
CLEVELAND 12 OHIO**
LaSalle Prods Inc 143 Seneca St Buffalo 3 NY
Lightmore Appliance Corp 59 Throop Ave
Brooklyn 6 NY
Penetrax Corp 615 Front St Toledo 5 Ohio
Pennsylvania Illuminating Corp Scranton Pa
Safety Electric Co 53 W Jackson Blvd Chicago
4 Ill
Sylvania Electric Prods Inc 1740 Broadway New
York 19 NY
Westinghouse Electric Corp Lamp Div Bloom-
field NJ

► LAMPS & LANTERNS, CAMP

Bernz (Otto) Co Inc 289 Lyell Ave Rochester
6 NY
**COLEMAN CO INC 250 N ST FRANCIS
WICHITA 1 KAN**
Dietz (R E) Co 225 Wilkinson St Syracuse 1
NY
Justrite Mfg Co 2061 N Southport Ave Chicago
14 Ill
Miller (Robert E) & Co Inc 33-35 Pearl St
New York NY
National Stamping & Electric Works 2215
Clark Ave St Louis 3 Mo
Overmyer-Ferram Glass Co 923 N Wheeling
Tulsa Okla
Samcoe (Wm J) Iron Co 917 Military Rd Ken-
more 17 NY
Stewart Iron Works Inc PO Box 1039 Cinci-
nati 1 Ohio
Swain & Bridge 172 Stanley Ave New Britain
Conn
United Tent & Supply Co 759 N Spring St Los
Angeles Calif

► LANTERNS, ORNAMENTAL IRON

Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
Bryan (J G) Co 537 W 35th St New York 1 NY
Davis & Siehl Co Dept AB Box 78 Sta A Cin-
cinnati 23 Ohio
Littlestown Hardware & Foundry Co 48 Char-
les St Littlestown Pa
Locke Mfg Co Ohio St Lodi Ohio
Stewart Iron Works Inc PO Box 1039 Cinci-
nati 1 Ohio
Tennessee Fabricating Co 1490 Grimes St Mem-
phis Tenn

► LATCHES

Acorn Mfg Co Mansfield Mass
**ALLIETH-PROUTY INC 819 N BOWMAN AVE
DANVILLE ILL**
**AMERICAN HARDWARE CORP CORBIN
(P & F) DIV 102 WASHINGTON ST NEW
BRITAIN CONN**
Champion Hardware Co 3300 Miller St Geneva
Ohio
Chesler (J) & Sons Inc 41-49 Varlek Ave
Brooklyn 37 NY
Clinton Lock Co 78-31st Avenue N Clinton
Iowa
**CORBIN (P & F) DIV AMERICAN HARD-
WARE CORP 102 WASHINGTON ST NEW
BRITAIN CONN**
**DEXTER LOCK CO 1809 MADISON AVE
GRAND RAPIDS 2 MICH**
Duncan Shaw Corp 33 W 42nd St New York
18 NY
Eagle Lock Co 29 S Main St Terryville Conn
Griffin Mfg Co 1515 Cherry St Erie 6 Pa
**HAGER (C) & SONS HINGE MFG CO 139
VICTOR ST ST LOUIS 1 MO**
Ideal Brass Works Inc 250 E Fifth St St Paul
1 Minn
**INDEPENDENT LOCK CO 1950 CLEGHORN
PITTSBURGH MASS**
LAWRENCE BROS STERLING ILL
**LOCKWOOD HARDWARE MFG CO 1950
CLEGHORN ST PITTSBURGH MASS**
**MCKINNEY MFG CO 1715 LIVERPOOL ST
PITTSBURGH 33 PA**
**NATIONAL HARDWARE CO 101-57 180TH
ST OZONE PARK NY**
**NATIONAL LOCK CO 1902 7TH ST ROCK-
FORD ILL**
NATIONAL MFG CO STERLING ILL
Newell Mfg Co Lowell Mich
Parker (S) Hardware Mfg Corp 27 Ludlow
St New York 2 NY
Penn-Akron Hardware Corp 32nd Ave & 57th
St Woodside 77 NY
Phoenix Lock Co 227 3rd Ave Newark 7 NJ
Reese Padlock Co 126 Sherman St Lancaster Pa

Skilman Hardware Co Edgewood Ave Trenton 4 NJ
 Star Metal Prods Inc 370 Butler St Brooklyn 17 NY
 Starline Inc 300 W Front St Harvard Ill
 Taylor Lock Co 2034 W Lippincott Philadelphia 32 Pa
 Technical Glass Co Inc 2050 E 48th St Los Angeles 55 Calif
WAGNER MFG CO IST & WASHINGTON CEDAR FALLS IOWA
WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF
 Wright Prods Inc St Paul Park Minn

▶ LATCHES, GATE

AMERICAN HARDWARE CORP CORBIN (P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
 Arrowsmith Tool and Die Co 9700 Bellanca Ave Los Angeles 45 Calif
 Clay Equipment Corp 25 Builder St Cedar Falls Iowa
 Clinton Lock Co 78 31st Ave N Clinton Iowa
CORBIN (P & F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
DEXTER LOCK CO 1409 MADISON AVE GRAND RAPIDS 2 MICH
 Farwell Metal Fabricating Div Farwell Oxum Kirk & Co Fairfield & Walter St Paul 1 Minn
 Fivale Equipment Mfg Co 105 Reade St New York 15 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Honeycutt Mfg Co Inc 2715 Oak St Kansas City 8 Mo
 Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn
 Johnson Industries Inc 2110 S 7th Blvd St Louis 4 Mo
 Kees (P & F) Mfg Co 700 Park Ave Beatrice Neb
LOCKWOOD HARDWARE MFG CO 1959 CLEGHORN ST FITCHBURG MASS
McKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
 Norwalk Lock Co Segal Lock Co 395 Broadway New York 13 NY
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
STANLEY WORKS NEW BRITAIN CONN
 Wrightsville Hardware Co Wrightsville Pa

▶ LATCHES, MAGNET FOR CUPBOARD DOORS

LABORATORY EQUIPMENT CORP HILLTOP RD ST JOSEPH 6 MICH
 National Plywoods Inc 2710 Throop St Chicago 11
STANLEY WORKS NEW BRITAIN CONN

▶ LATH, COMPOSITION OR KEY

JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY

▶ LATH, GYPSUM

Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Blue Diamond Corp 1650 S Alameda St Los Angeles Calif
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Grand Rapids Plaster Co Peoples National Bank Grand Rapids Mich
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
 Schumacher Wall Board Corp South Gate Calif
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ LATH, INSULATING

ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 Barnett Div Allied Chemical & Dye Corp 40 Hector St New York 6 NY
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
DANT & RUSSELL INC 1320 SW BROADWAY PORTLAND 1 ORE
 Fir-Tex Insulating Board Co US National Bank Bldg Portland Ore
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY

INSULITE DIV MINNESOTA & ONTARIO PAPER CO 500 BAKER ARCADE MINNEAPOLIS 2 MINN
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 Piastergon Wall Board Co 196 Philadelphia Buffalo 7 NY
 Simpson Logging Co White Bldg Seattle 1 Wash
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Wood Conversion Co Int National Bank Bldg St Paul 1 Minn

▶ LATH, METAL

Alabama Metal Lath Co Inc 3235 Fayette Ave Birmingham 1 Ala
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
REPUBLIC STEEL CORP BERGER DIV 1038 BELDEN AVE NE CANTON 5 OHIO
BOSTWICK STEEL LATH CO 1890 GRISWOLD DR NILES OHIO
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
 Gilbert & Bennett Mfg Co 600 Miller Ave Georgetown Conn
 Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
KEYSTONE STEEL & WIRE CO 7060 S ADAMS PEORIA 7 ILL
 Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
 Republic Steel Co 1750 Army St San Francisco 24 Calif
 Soule Steel Co 1750 Army St San Francisco 24 Calif
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

▶ LATH, WOOD

Anaconda Copper Mining Co Bonner Mont
 Angelina County Lumber Co Kellys Texas
 Brooks-Scanlon Inc Box 1111 Bend Ore
 Canadian Western Lumber Co Ltd 15 King Edward Ave N Westminster BC Can
 Capitol Fence Co 735 N Water Milwaukee 2 Wis
CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS
 Fleischl Lumber Co 4243 Duncan Ave St Louis 10 Mo
 Fordyce-Cromsett Lumber Co Fordyce Ark
 Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
 Hulbert (Wm) Mill Co 12th & Norton Everett Wash
 Kinzua Pine Mills Co Kinzua Ore
LONG-BELL LUMBER CO 926-S GRAND AVE KANSAS CITY 6 MO
 MacMillan & Bloedel Ltd 837 Hastings St Vancouver BC Can
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 Rainy Lake Lumber Co Ltd 111 W Washington St Chicago 2 Ill
 St Maries Lumber Co St Maries Idaho
 Southern Pine Lumber Co Dilhot Texas
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash

▶ LATHES

American Machine & Foundry Co 511 Fifth Ave New York NY
 Atlas Press Co 1901 N Pitcher St Kalamazoo Mich
 Bignell Machine Co 516 7th St Grand Rapids Mich
BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO
 Bradford Machine Tool Co 657-671 Evans St Cincinnati 4 Ohio
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 Ill
 Mattison Machine Works 545 Blackhawk Park Rockford Ill

Rockwell Mfg Co Delta Power Tool Div 406 N Lexington Pittsburgh 8 Pa
 Shopmaster Inc 1214 Third St S Minneapolis Minn
 Toolkraft Corp Plainfield St Springfield 1 Mass
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
 Whitney (Baxter D) & Son Inc Elm St Winstendon Mass
 Yates American Machine Co 729 Fourth St Beloit Wis

▶ LATHING, SUSPENDED CEILING SYSTEMS

Alden Mfg Co 201 W Walnut St Painesville O
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
 Mid-West Acoustical & Supply Co 20001 W Lake Rd Cleveland 16 Ohio
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ LAVATORIES, CABINET

FORMICA CO 4514 SPRING GROVE CINCINNATI 32 OHIO
NATIONAL VANITY CO 165 AVENUE "A" LYONNE 2 NJ
RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ
 Standard Steel Cabinet Co 3701 N Milwaukee Chicago 41 Ill
 Toledo Desk & Fixture Co 1020 Ford Rd Maumee Ohio
 Topcraft Inc 4207-09 Menlo Dr Baltimore 15 Md

▶ LEVELS, CARPENTER'S, MASON'S

BOSTROM BRADY MFG CO STONEWALL & BAILEY SW ATLANTA GA
 Christensen & Kroll PO Box 284 McMinnville Ore
COFFMAN (R G) CO INC PO BOX 1113 ORLANDO FLA
 Columbian Vise & Mfg Co 9021 Bessemer Ave Cleveland 4 Ohio
 Empire Level Mfg Co PO Box 97 Milwaukee 13 Wis
 General Hardware Mfg Co Inc 80 White St New York 13 NY
GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO
 Graham (John H) & Co Inc PO Box 1042 New York 8 NY
 Hall Level & Mfg Works 1119 E Fourth St Austin Texas
 Hahn Inc 209 E Long St Columbus Ohio
HYDROLEVEL 53 DE SOTO AVE OCEAN SPRINGS MISS
 Mayes Bros Tool & Mfg Co Port Austin Mich
 Ox-Wall Tool Co 928 Broadway New York 10 NY
PERLESS LEVEL & TOOL CO 104 THIRD AVE STERLING ILL
 Sands Level & Tool Co 601 Clinton St Clinton Ind
SCHARE (J H) MFG CO 6126 BINNEY ST OMAHA 4 NEB
 Schultes Level Inc 17403 Gable Ave Detroit 12 Mich
SIMPLEX LEVEL CO PO BOX 329 JACKSON MICH
 Stanley Tools Div Stanley Works 111 Elm St New Britain Conn
 Starrett (L S) Co 101 Crescent St Athol, Mass
SUPERIOR LEVEL CO 300 GOLDENGATE DETROIT 3 MICH
 Thom Wood Co 81 Webster St Rockland Mass
WARREN-KNIGHT CO 136 N 12TH ST PHILADELPHIA 7 PA
 White (David) Co 315 W Court St Milwaukee Wis

▶ LIGHTING, PLANTS

Alco Mfg Co 4242 N Lincoln Chicago 18 Ill
 Buda Co Div Allis-Chalmers Mfg Co 15425 Commercial Harvey Ill
 C & H Electric Co 436 W Juneau Ave Milwaukee 3 Wis
 Eagle Electric Mfg Co 23-10 Bridge Plaza Long Island City NY
 Fairbanks Morse & Co 600 S Michigan Ave Chicago 5 Ill
HOMELITE CORP 87 RIVERDALE AVE FORT CHESTER NY
 Howard Industries Inc Cyclolm Motor Div Racine Wis

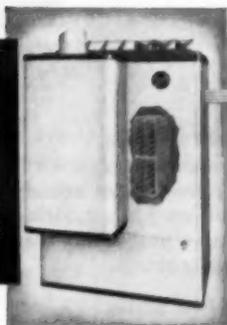


Mr. Leon Welner, President, Franklin Builders, Wilmington, Delaware

Tested! York plan for builders gives complete planning, advertising, sales help!



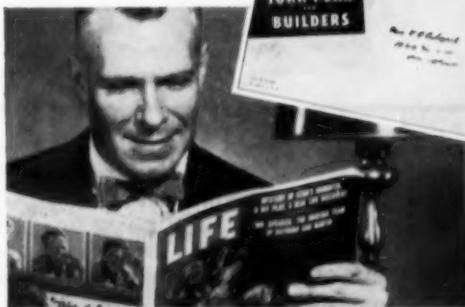
Yorkaire
Model R2G100



Yorkaire
Model HC5250A



Tested in Wilmington, Columbus, Minneapolis! York's Plan for Builders works *every inch of the way* till the last sale is clinched! New Yorkaire Year-Round Conditioner heats with conventional fuel, cools without chilling! Installs fast with no fuss. Backed by full 5-Year Protection Plan—even the remote unit! Air-cooled or water-cooled. Put them in *anywhere*—basement, attic, carport, garage—they take up minimum floor space!



York helps you sell—offers persuasive literature, posters, displays; newspaper, radio, TV help; even a ready-made "owner's guide" to give prospects and buyers. Powerful ads in *Life*, *House Beautiful*, *House & Garden* intensify preference for Yorkaire homes. Your York Distributor will be your right-hand man during your sales program. Check the Yellow Pages and call him.



the quality name in air conditioning and refrigeration

HEADQUARTERS FOR MECHANICAL COOLING SINCE 1885

THEY'RE HERE! NEW CHEVROLET



New models . . . more models . . . higher G.V.W. Designed and built the way you can count on Chevrolet, the leader, to build them. Ready to do more jobs. Do 'em faster. Do 'em better. And do 'em with new economy.

Dressed for a new bonus

For the first time in any truck line, *two* distinctly different styling treatments are offered by Chevrolet. One in light and medium models, another in heavy-duty. Each is a new, profitable advertisement-on-wheels for you and your business.

Measured for a new savings

Makes a whale of a difference to get a truck that fits the job. And in Chevrolet you get it! With 75 different models, all having the industry-standard 34-inch frame width . . . 15 wheelbases, ranging to 220 inches . . . three different chassis types, conventional, forward control, low cab forward . . . and with maximum G.V.W.'s upped to 18,000 lbs.—Chevrolet's new line of Task-Force Trucks offer the *exact* truck to do the job you

THEY'RE HERE! NEW CHEVROLET

Task-Force TRUCKS



need done . . . with operating costs lower than ever!

There's new Overdrive for even bigger gas savings on $\frac{1}{2}$ -ton models . . . proved truck Hydra-Matic on $\frac{1}{2}$ -, $\frac{3}{4}$ - and 1-ton models—each optional at extra cost. And now, as standard equipment, Power Brakes are featured on 2-ton models (optional on all others) and Tubeless Tires are standard on $\frac{1}{2}$ -ton models.

Powered for economy

Whether you deliver door-to-door or haul state-to-state, Chevrolet's *six* new "high-voltage" engines offer the right power-combination for dependable, economical performance on every job. All are of efficient valve-in-head design with high compression ratios. All feature the surer kick-off and bigger gener-

ator capacity that only Chevrolet's new 12-volt electrical system delivers.

Chevrolet's new "under-the-hood" features are almost endless. Engine mountings are completely redesigned, cooling and lubricating systems made more efficient, fuel system improved . . . on and on they go, setting a new pattern for the truck industry.

Investigate without delay

So revolutionary are the many new and profitable features advanced by Chevrolet's new Task-Force that truck users everywhere should see their Chevrolet dealer today. Learn the complete story and get started on your way to better trucking. . . . Chevrolet Division of General Motors, Detroit 2, Michigan.

Task-Force TRUCKS

Katolight Corp Box 491-95 Mankato Minn
KOHLER CO 44 HIGH ST KOHLER WIS
 Master Mechanic Mfg Co Route 83 Burlington Wis
 Onan (D W) & Sons Inc 2515 University Ave Minneapolis Minn
 Pioneer Gen-E-Motor Corp 5841 W Dickens Chicago 39 Ill
 Ready-Power Co 11231 Freud Ave Detroit 14 Mich
 Ripplite Plastics Prods Inc 3910 Cobasset St Burbank Calif
 United States Motors Corp 420 Nebraska St Oshkosh Wis
 Universal Motor Co 517 Universal Dr Oshkosh Wis
WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA
WIN CHARGER CORP COMMERCE BLDG NIOUX CITY IOWA
 Wind (Jacob) Electric Co Inc 2111 Washington Minneapolis Minn
 Winpower Mfg Co 1225 First Ave Newton Iowa

► LIGHTS, FLUORESCENT

Alco Mfg Co 4242 N Lincoln Chicago 18 Ill
ATLAS ELECTRIC PRODS CO 319 TEN EYCK ST BROOKLYN 6 NY
 Benjamin Electric Co Des Plaines Ill
 Cupples Co 401 S 7th St St Louis 2 Mo
 Curtie Lighting Inc 6135 W 65th St Chicago 38 Ill
 Day-Brite Lighting Inc 5411 Bulwer Ave St Louis 7 Mo
 Great Northern Mfg Corp 1956 N Wood St Chicago 22 Ill
 Holophane Co Inc 342 Madison Ave New York 17 NY
 Krollin Co 3435 E Jefferson Detroit 7 Mich
 Lenz (W H) Co 114 W Illinois Chicago Ill
MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1950 GRAND AVE MIDDLETOWN OHIO
WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA

► LIGHTS, SPOT & FLOOD

Alco Mfg Co 4242 N Lincoln Chicago 18 Ill
 Benjamin Electric Co Des Plaines Ill
 Emarco Corp PO Box 515 Dayton 9 Ohio
 General Electric Co 1 River Rd Schenectady 5 NY
 Joalin Displays Inc 105 Kingston Boston 11 Mass
 Kee (F D) Mfg Co 700 Park Ave Beatrice Neb
LIGHTOLIER CO 346 CLAREMONT AVE JERSEY CITY NJ
 Pyle-National Co 1334 N Kostner Chicago 51 Ill
 Stuber Mfg Co 2700 Roosevelt Rd Broadway Ill
WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA

► LIME, FINISHING

Ash Grove Lime & Portland Cem Fairfax Bldg Kansas City Mo
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-FEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Fairmont Wall Plaster Co Box 272 Fairmont W Va
 Gibsonburg Lime Prods Co Gibsonburg Ohio Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio
 Keystone Lime Works Inc Keystone Ala Marblehead Lime Co 300 W Washington Chicago 6 Ill
 Menke Stone & Lime Co Quincy Ill
 Mission Lime Prods Corp Continental Chemical Co 841 Ducommun St Los Angeles Calif
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
OHIO LIME CO WOODVILLE OHIO
 Southern Cement Co 605 Protective Life Bldg Birmingham 3 Ala
 Standard Lime & Stone Co 1st National Bank Bldg Baltimore 3 Md
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Washington Brick & Lime Co Box 2198 Spokane 10 Wash
 Woodville Lime Co 2140 Jefferson Ave Toledo 2 Ohio

► LIME, HYDRATED

Ash Grove Lime & Portland Cement Co Fairfax Bldg Kansas City Mo
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-FEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Chicago Fire Brick Co 1461 N Elston Chicago 22 Ill
 Corson (G & W H) Inc Plymouth Meeting Pa

Gibsonburg Lime Prods Co Gibsonburg Ohio Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio
 Keystone Lime Works Inc Keystone Ala Marblehead Lime Co 300 W Washington Chicago 6 Ill
 Menke Stone & Lime Co Quincy Ill
 Mission Lime Prods Corp Continental Chemical Co 841 Ducommun St Los Angeles Calif
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 National Lime & Stone Co First National Bank Bldg Findlay Ohio
OHIO LIME CO WOODVILLE OHIO
 Rockwell Lime Co 228 N LaSalle Chicago 1 Ill
 Smith Chemical & Color Co 55 John St Brooklyn 1 NY
 Southern Cement Co 605 Protective Life Bldg Birmingham 3 Ala
 Standard Lime & Stone Co 1st National Bank Bldg Baltimore 3 Md
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Warner Co 219 N Broad St Philadelphia 7 Pa
 Washington Brick & Lime Co Box 2198 Spokane 10 Wash
 Western Lime & Cement Co 125 E Wells St Milwaukee Wis
 Woodville Lime Co 2140 Jefferson Ave Toledo 2 Ohio

► LIME, MASON'S

CERTAIN-FEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Gibsonburg Lime Prods Co Gibsonburg Ohio Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio
 Keystone Lime Works Inc Keystone Ala Marblehead Lime Co 300 W Washington Chicago 6 Ill
 Menke Stone & Lime Co Quincy Ill
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
OHIO LIME CO WOODVILLE OHIO
 Rockwell Lime Co 228 N LaSalle Chicago 1 Ill
 Standard Lime & Stone Co 1st National Bank Bldg Baltimore 3 Md
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Warner Co 219 N Broad St Philadelphia 7 Pa
 Western Lime & Cement Co 125 E Wells St Milwaukee Wis
 Woodville Lime Co 2140 Jefferson Ave Toledo 2 Ohio

► LIME, PEBBLE

Gibsonburg Lime Prods Co Gibsonburg Ohio Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio
 Keystone Lime Works Inc Keystone Ala Marblehead Lime Co 300 W Washington Chicago 6 Ill
 Menke Stone & Lime Co Quincy Ill
 Mission Lime Prods Corp Continental Chemical Co 841 Ducommun St Los Angeles Calif
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 Standard Lime & Stone Co 1st National Bank Bldg Baltimore 3 Md
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Warner Co 219 N Broad St Philadelphia 7 Pa
 Western Lime & Cement Co 125 E Wells St Milwaukee Wis

► LINING, CLOSET, CEDAR

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
BROWN (GEORGE C) & CO INC 1730 W LEE ST GREENSBORO NC
BRUCE (E L) CO 1448 THOMAS BOX 397 MEMPHIS 1 TENN
 Davis Plywood Corp 12555 Berea Rd Cleveland 11 Ohio
 DeSoto Hardwood Flooring Co 977 Sledge Ave Memphis Tenn
 Doran Chemical Corp 1701 Westport Rd Kansas City 11 Mo
 Farrin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
 Midwest Jobbers Inc 3300-08 S Racine Chicago 8 Ill
 Miller & Co Inc Selma Ala
 Nickey Bros Inc 2709 Summer Ave Memphis Tenn
 Osage Prods Co Eldon Mo
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Plywood Corp 1731 Elston Ave Chicago 22 Ill
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 U S Menzel Plywoods Inc PO Box 1612 Louisville 1 Ky

► LINING, FLUE

Acme Brick Co PO Box 425 Fort Worth Texas
 Alliance Clay Prods Co 1500 E Mahoning Alliance Ohio
 American Vitified Prods Co 701 National City Bond Bldg Cleveland 14 Ohio
 Bowerston Brick Co Box 1 Bowerston Ohio
 Builders Shale Co 3800 9th Ave S Seattle 8 Wash
 Camelton Sewer Pipe Co 4th & Washington Camelton Ind
 Chicago Fire Brick Co 1461 N Elston Chicago 22 Ill
 Clay City Pipe Co Uhrichville Ohio
 Columbia Pipe Co Columbia SC
CONDENSATION ENGINEERING CO 3511 W POTOMAC AVE CHICAGO 51 ILL
 Dee Clay Prods Co Inc Bloomingdale Ind
 Denison Sewer Pipe Corp 3334 Prospect Ave Cleveland 15 Ohio
 Denver Sewer Pipe & Clay Co 4501 Fox St Denver 1 Colo
 Dickey (W S) Clay Mfg Co 607 Commerce Trust Bldg Kansas City 6 Mo
 Evans Pipe Co 23 Newport Ave Uhrichville Ohio
 Ewers & Howard Sewer Pipe Co 5200 Manchester Ave St Louis 10 Mo
 Florida Georgia Brick & Tile Co 589 Nixon St Jacksonville Fla
 Green (A P) Fire Brick Co 1108 E Breckenridge Mexico Mo
 Interstate Brick Co 3100 S 11th E Salt Lake City Utah
 Iowa Pipe & Tile Co Des Moines Iowa
 Junction City Clay Co The 3334 Prospect Ave Cleveland 15 Ohio
 Kaul Clay Mfg Co Spring St PO Box 128 Toronto Ohio
 Kingsland Clay Prods Co Lyndhurst NJ
 Laclede Christy Co 2801 Hereford St St Louis 9 Mo
 Lehigh Sewer Pipe & Tile Co PO Box 728 Fort Dodge Iowa
 Logan Clay Prods Co Logan Ohio
 Lovell Clay Prods Co Lovell Wyo
METALBESTOS DIV WALLACE (WM) CO PO BOX 137 BELMONT CALIF
 Mexico Refractories Co Love & Cole Sta Mexico Mo
NATIONAL CLAY PIPE MFRS INC 1520 18TH ST NW WASHINGTON 6 DC
 Oconee Clay Prods Co PO Box 262 Milledgeville Ga
 Owenboro Sewer Pipe Co PO Box 276 Owenboro Ky
 Pacific Clay Prods 1255 W 4th St Los Angeles Calif
 Patton Clay Mfg Co Terra Cotta Ave Patton Pa
 Pomona Terra-Cotta Co Greensboro NC
 Robinson Clay Prods Co 65 W State St Akron 9 Ohio
 Stillwater Clay Prods Co 3334 Prospect Ave Cleveland 15 Ohio
 Stretor Drain Tile Co Stretor Ill
 Superior Clay Corp Lock Drawer 352 Uhrichville Ohio
 Texas Vitified Pipe Co Box 111 Mineral Wells Texas
 Union Clay Mfg Corp Upper Broad St Binghamton NY
 Universal Sewer Pipe Corp 1500 Union Commerce Bldg Cleveland 14 Ohio
 Washington Brick & Lime Co Box 2198 Spokane 10 Wash
 What Cheer Clay Prods Co What Cheer Iowa

► LINOLEUM

ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
BIRD & SON INC 47 WILSON ST E WALPOLE MASS
 Bonafide Mills Inc 295 Fifth Ave New York NY
CONGOLEUM-NAIRN INC 195 BELGROVE DR KEARNY NJ
 Laven Hosi Holder Co PO Box 598 Minneapolis Minn
 Pabco Prods Inc 475 Brannan St San Francisco Calif
 Sloane-Delaware Floor Prods Inc PO Box 401 Trenton 3 NJ

► LINTELS, STEEL

Adams Co The PO Box 268 Dubuque Iowa
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Bennett-Ireland Inc 23 State St Norwich NY
REPUBLIC STEEL CORP BERGER DIV 1938 BELDEN AVE NE CANTON 5 OHIO
BOSTWICK STEEL LATH CO 1890 GRISWOLD DR NILES OHIO
BRAINARD STEEL DIV SHARON STEEL CORP GRISWOLD ST WARREN OHIO
BUILDERS MFG CO 1514 BROWN-MARX BLDG BIRMINGHAM ALA
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
 Consolidated Iron-Steel Mfg Co 1292 E 53rd Cleveland 14 Ohio

Davis & Siehl Co Dept AB Box 78 Sta A Cincinnati 25 Ohio
 Dobbie Foundry & Machine Co 150 Portage Rd Niagara Falls NY
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
 Harris Inc 200 E Long St Columbus Ohio
 Heckmann Building Prods Co 4018 W Lake Chicago 24 Ill
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
MAJESTIC CO HALL ST HUNTINGTON IND
PRICE FIREPLACE HEATER & TANK CORP 195 W AUSTIN ST BUFFALO 7 NY
 Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga
STELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
SUPERIOR FIREPLACE CO 1708 E 15TH ST LOS ANGELES 21 CALIF
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO
VENTO STEEL PRODS CO INC 250 COLORADO AVE BUFFALO 15 NY
 Vestal Mfg Co PO Box 152 Sweetwater Tenn

LOADERS, BUCKET

American Tractor Corp Terra Dr Churubusco Ind
 Baker-Lull Corp 314 W 90th St Minneapolis Minn
 Barber-Greene Co 400 N Highland Aurora Ill
 Brady Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill
 Case (J I) Co 702 S State St Racine Wis
 Caterpillar Tractor Co 600 W Washington E Peoria 8 Ill
 Drott Mfg Corp 3841 W Wisconsin Milwaukee 8 Wis
 Eimco Corp 654 S Fourth St W Salt Lake City Utah
 Fairfield Engineering Co 324 Barnhart St Marion Ohio
FORD TRACTOR DIV FORD MOTOR CO 2500 E MAPLE RD BIRMINGHAM MICH
 George Hais Mfg Co Inc 350 Fifth Ave New York 1 NY
 Markroy Co Madison Ill
 Mixermobile Mfrs 8027 Killingsworth Portland 20 Ore
 Nelson (N P) Iron Works 820 Bloomfield Ave Clifton NJ
OLIVER CORP 400 W MADISON ST CHICAGO ILL
SHAWNEE MFG CO INC 1947 JJ TOPEKA AVE TOPEKA KAN



SHAWNEE SPECIAL LOADER

All welded box girder frame has two-pin installation. Removes in less than ten minutes. Down pressure for tough materials. Dumping height 9 ft.

Shawnee Manufacturing Co., Inc.
 1947 JJ Topeka Ave., Topeka, Kansas

LOCK MORTISING MACHINES

INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS
MALL TOOL CO 7740 S SOUTH CHICAGO AVE CHICAGO 19 ILL
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
 Stanley Electric Tools 400 Myrtle St New Britain Conn

LOCKERS, STEEL

All-Steel Equipment Co Inc 245 John St Aurora Ill
REPUBLIC STEEL CORP BERGER DIV 1035 BELDEN AVE NE CANTON 5 OHIO
 Lyon Metal Prods Inc 25 Montgomery St Aurora Ill
 Precision Equipment Co 3712 N Milwaukee Chicago 41 Ill
 Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill

Standard Equipment Co 3175 Fulton Brooklyn NY
 Universal Steel Equipment Corp 22-35 47th Ave New York 1 NY

LOCKERS, WOOD

Cole Mfg Co PO Box 2657 Memphis 2 Tenn
 Prefabricated Prods Co Inc Dexter Horton Bldg Seattle 4 Wash
 Rose (D M) & Co Rose Pl Knoxville 4 Tenn

LOCKS, DOOR

ADAMS RITE MFG CO 540 W CHEVY CHASE GLENDALE 4 CALIF
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN HARDWARE CORP CORBIN (P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY
 Best Universal Lock Co 10 N Senate Indianapolis 4 Ind
 Challenger Lock Co 4865-4903 Exposition Los Angeles Calif
 Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 37 NY
 Clinton Lock Co 78 31st Ave N Clinton Iowa
 Corbin Cabinet Lock Div American Hardware Corp Park & Orchard Sts New Britain Conn
CORBIN (P & F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
 Detroit Hardware Mfg Co 1320 Mt Elliott Detroit 7 Mich
DEXTER LOCK CO 1609 MADISON AVE GRAND RAPIDS 2 MICH
 Dieco Machine Tool Co 90-12 Rockaway Woodhaven 17 NY
 Duncan Shaw Corp 33 W 42nd St New York 18 NY
 Eagle Lock Co 20 S Main St Terryville Conn
 Earle Hardware Mfg Co Noble & Gregg Sts Reading Pa
ENGINEERED PRODS CO 129 SMITH ST FLINT 3 MICH
 Ereo Mfg Co 2368 Elston Ave Chicago 14 Ill
 Fivale Equipment Mfg Co 105 Reade St New York 13 NY
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Gougler (C L) Machine Co Lock Div 1460 E Lake St Kent Ohio
 Harloe Prods Corp 25 Fox St New Haven Conn
 Harris Inc 200 E Long St Columbus Ohio
 Hasco Industries Inc Railroad Ave E Northport Ill NY
 Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn
INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS
 Kwikset Locks Inc 737 Barris Dr Fullerton Calif
KWIKSET SALES & SERVICE CO 516 E SANTA ANA ANAHEIM CALIF
 LaBella Industries Inc Oconomowoc Wis
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
MC KINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
NATIONAL HARDWARE CO 101-57 100TH ST OZONE PARK NY
NATIONAL LOCK CO 1902 7TH ST ROCKFORD ILL
 Norwalk Lock Div Segal Lock & Hardware Co 395 Broadway New York 13 NY
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Peabody Co Inc 5816 S Hooper Ave Los Angeles 11 Calif
 Peerless Mfg Co Inc 2100 N 11th St Reading Pa
 Penn-Akron Hardware Corp 32nd Ave & 57th St Woodside 77 NY
 Petko Industries 1107 E 8th St Los Angeles 21 Calif
 Phoenix Lock Co 327 3rd Ave Newark 7 NJ
 Reese Padlock Co 126 Sherman St Lancaster Pa
 Reliant Locks Inc 14960 E Firestone Buena Park Calif
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
RICHARDS-WILCOX MFG CO 220 THIRD ST AURORA ILL
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
SCHLAGE LOCK CO 2201 BAY SHORE BLVD SAN FRANCISCO 19 CALIF
 Segal Lock & Hardware Co Inc 395 Broadway New York 2 NY

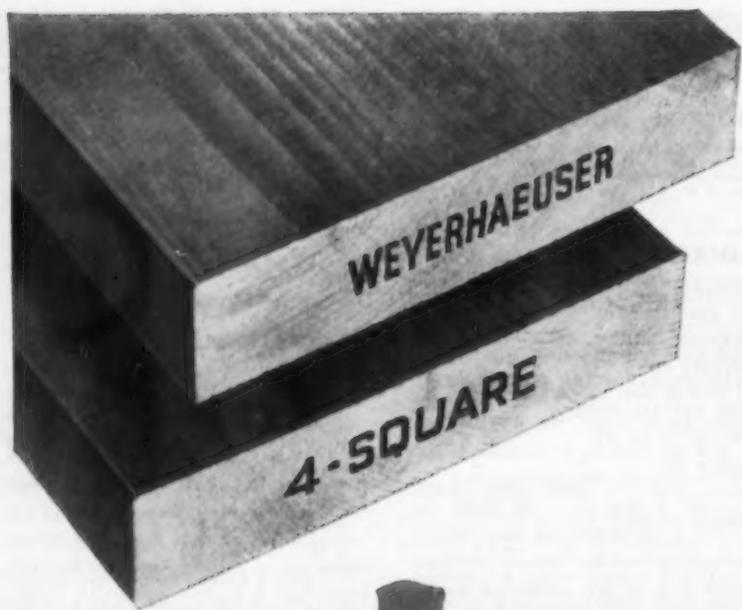
Skillman Hardware Co Edgewood Ave Trenton 4 NJ
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL
 Sultan Bros 1470 39 Brooklyn 18 NY
 Sun Metal Prods Co 3319 W Carroll Chicago 24 Ill
 Taylor Lock Co 2034 W Lippincott Philadelphia 32 Pa
 Technical Glass Co Inc 2050 E 48th St Los Angeles 58 Calif
 Vimcar Sales Co PO Box 2187 Van Nuys Calif
WESTERN LOCK MFG CO 211 N MADISON AVE LOS ANGELES 4 CALIF
 Westwood Mfg Co PO Box 2261 Los Angeles 54 Calif
 Yale & Towne Mfg Co Henry St Stamford Conn

LOCKS, PADLOCK

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN HARDWARE CORP CORBIN (P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
 Best Universal Lock Co 10 N Senate Indianapolis 4 Ind
 Challenger Lock Co 4865-4903 Exposition Los Angeles Calif
 Chicago Lock Co 2024 N Racine Ave Chicago 14 Ill
 Corbin Cabinet Lock Div American Hardware Corp Park & Orchard Sts New Britain Conn
CORBIN (P & F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
 Diebold Inc 818 Mulberry Rd SE Canton 2 O
 Dudley Lock Corp 570 W Monroe Chicago Ill
 Earle Lock Co 20 S Main St Terryville Conn
 Gougler (C L) Machine Co Lock Div 1460 E Lake St Kent Ohio
 Illinois Lock Co 822 S Adm St Chicago 7 Ill
INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS
 Johnson Fare Box Co 4619 Ravenswood Ave Chicago Ill
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
 Master Lock Co 2600 N 32nd St Milwaukee 45 Wis
 Norwalk Lock Div Segal Lock & Hardware Co 395 Broadway New York 13 NY
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Reese Padlock Co 126 Sherman St Lancaster Pa
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
 Segal Lock & Hardware Co Inc 395 Broadway New York 7 NY
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
 Taylor Lock Co 2034 W Lippincott Philadelphia 32 Pa
 Yale & Towne Mfg Co Henry St Stamford Conn

LOCKS, TUBULAR

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN HARDWARE CORP CORBIN (P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
ARROW LOCK CORP 762 WYTHE AVE BROOKLYN 11 NY
 Best Universal Lock Co 10 N Senate Indianapolis 4 Ind
 Challenger Lock Co 4865-4903 Exposition Los Angeles Calif
 Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 37 NY
 Clinton Lock Co 78 31st Ave N Clinton Iowa
DEXTER LOCK CO 1609 MADISON AVE GRAND RAPIDS 2 MICH
FRANTZ MFG CO 301 W 3RD ST STERLING ILL
 Harloe Prods Corp 25 Fox St New Haven Conn
INDEPENDENT LOCK CO 1950 CLEGHORN FITCHBURG MASS
KWIKSET SALES & SERVICE CO 516 E SANTA ANA ANAHEIM CALIF
LOCKWOOD HARDWARE MFG CO 1950 CLEGHORN ST FITCHBURG MASS
NATIONAL HARDWARE CO 101-57 100TH ST OZONE PARK NY
 Norwalk Lock Div Segal Lock & Hardware Co 395 Broadway New York 13 NY
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY



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on lumber
also brings
you...



Lumber

To Assure

STRUCTURAL SOUNDNESS

Why is Lumber Sheathing Preferable?

One reason for the preferred position of wood sheathing is its great strength and long life. Often called "storm sheathing," wood binds the entire structure into one firm, rigid unit, which withstands enormous wind and snow loads. This strength also makes alterations easier and safer. The strength is not lost as a result of accidental wetting.

Other advantages of genuine wood sheathing include superior nail-holding power . . . which assures a solid base to which one can securely attach exterior covering. This firm base also permits the use of a variety of exterior coverings, such as vertical siding and shingles.

A Traditional Mark of Quality

America's fine homes have always been sheathed with lumber—sidewalls, roof, and subfloors.

The best modern homes also are sheathed with lumber—because builders and owners recognize lumber as the ideal sheathing material. Leading builders of quality homes feature wood sheathing as an excellent example of sound construction.

Results fully justify the use of this building material. Homes with wood sheathing are easier to sell, and they offer the buyer extra value.

Sheathing

AND TRUE ECONOMY

Available in a Wide Range of Widths, Species, Grades and Patterns

A broad selection of Weyerhaeuser 4-Square Lumber items is offered for use as wall, roof, and subfloor sheathing. There are species, widths, and grades to fit all sheathing requirements.

For valuable selling points . . . for greater structural soundness . . . and for true final economy in home building, sheathe with Weyerhaeuser 4-Square Lumber. Your Weyerhaeuser 4-Square Lumber Dealer is ready to deliver the species and type best suited to your needs.

 **Weyerhaeuser Sales Company**

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Penn-Akron Hardware Corp 32nd Ave & 57th St Woodside 77 NY
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 29 Ind
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 192 WASHINGTON ST NEW BRITAIN CONN
 Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
SCHLAGE LOCK CO 2201 BAY SHORE BLVD SAN FRANCISCO 15 CALIF
 Slaymaker Lock Co 115 SW End Ave Lancaster Pa
 Sultan Bros 1470 39th Brooklyn 18 NY
 Technical Glass Co Inc 2050 E 48th St Los Angeles 58 Calif
 Westwood Mfg Co PO Box 2261 Los Angeles 54 Calif
 Yale & Towne Mfg Co Henry St Stamford Conn

▶ LOG CABINS

Davis & Siehl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio
 Rustle Furniture Co Inc Williamstown NJ
 National Log Structures Stayton Ore

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Rustic Crafts Co Inc 29 Humphrey St Englewood NJ
 Shepler Mfg Co 1329-43 Goebel St Pittsburgh 33 Pa

▶ LOUVRES

Airolite Co Westview Ave Marletta Ohio
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla
 American Foundry & Furnace Co 125 N McClun St Bloomington Ill
 American Larson Ventilating Co 550 Grant St Pittsburgh 22 Pa
 American Metal Works Inc 4401 Bienville St New Orleans La
 Berger Corp Belle Vernon Pa
 Burt Mfg Co 44 E South St Akron 11 Ohio
 Comfort Prods Corp 2220 Lamesa St Dallas Texas
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
 Farley & Loetscher Mfg Co Dubuque Iowa
 Farwell Metal Fabricating Div Farwell Ozmun Kirk & Co Fairfield & Walter St Paul 1 Minn
 Folsom Co Inc 3104 Oak Lane Dallas 10 Texas
 Frigid Inc 128-68 32nd St Brooklyn 32 NY
 Giehner Inc 1900 Kendall NE Washington 2 DC
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
MIAMI CABINET DIV CAREY (PHILIP) MFG CO 1950 GRAND AVE MIDDLETOWN OHIO
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Peerless Electric Co 1401 W Market St Warren Ohio
REED INT FANS INC 1001 ST CHARLES AVE NEW ORLEANS 8 LA
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Russell Reinforced Plastics W Hoffman Ave Lindenhurst LI NY
 Signal Electric Div King-Seely Corp 1821 13th St Menominee Mich
 Standard Steel Cabinet Co 3701 N Milwaukee Chicago 41 Ill
 Swartwout Co 18511 Euclid Ave Cleveland Ohio
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Uno Ventilator Co 1236 Eastern Ave Malden 48 Mass

▶ LOUVRES, ATTIC VENTILATING

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla
 American Metal Works Inc 4401 Bienville St New Orleans La
 Ares Co 612 N Michigan Ave Chicago 11 Ill
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
CEO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 28 ILL
 Central Prods Co 57 Forest St Battle Creek Mich
 Clay Equipment Corp 23 Builder St Cedar Falls Iowa
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO

CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
 Farley & Loetscher Mfg Co Dubuque Iowa
 Fordyce Crosscut Lumber Co Fordyce Ark
 Frigid Inc 128-68 32nd St Brooklyn 32 NY
 Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich
 Giehner Inc 1900 Kendall NE Washington 2 DC
 Goshen Sash & Door Co East Furl Goshen Ind
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
 H-C Sales Co 3300 N Adams St Peoria 3 Ill
 Harris Inc 209 E Long St Columbus Ohio
 Hurd Millwork Corp Medford Wis
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
 Klauer Mfg Co 9th & Washington Sts Dubuque Iowa
 Krauser-Boyd Inc 553 River Rd N Tonawanda NY
 Leslie Welding Co Inc 2943 W Carroll Ave Chicago 12 Ill
 Louver Mfg & Supply 5807 W 36th Minneapolis Minn
LOUVER-PAK CO PO BOX 1841 FORT WORTH TEXAS



Maco Corp 1345 Henry St Huntington Ind
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
MIAMI CABINET DIV CAREY (PHILIP) MFG CORP 1950 GRAND AVE MIDDLETOWN OHIO
MIDGET LOUVER CO 6-8 WALL ST NORWALK CONN
 Morgan Sash & Door Co 2287 Blue Island Chicago 8 Ill
MORGAN-WIGHTMAN SUPPLY CO 1541 SAIZMAN ST LOUIS MO
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Peerless Electric Co 1401 W Market St Warren Ohio
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
 Roch & Musser Co Muscatine Iowa
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Rudeen (N H) Co 1645 Hennepin Minneapolis 3 Minn
 Sin-Jin Prods Co 5236-40 Fairlawn Ave Baltimore 15 Md
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Vinters Sales Co PO Box 2187 Van Nuys Calif
 Webb Mfg Co 211 Main Rd Conneaut Ohio

▶ LOUVERS, ROUND

MIDGET LOUVER CO 6-8 WALL ST NORWALK CONN
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Webb Mfg Co 211 Main Rd Conneaut Ohio

▶ LUMBER, BEECH

Angelina Hardwood Sales Co PO Box 1020 Lufkin Texas
 Cotton & Hanlon Odessa NY
CROSSETT LUMBER CO CROSSETT ARK
 Edens-Birch Lumber Co PO Box B Corrigan Texas
 Farrin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
 Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
 Griffith Lumber Co 917 Guaranty Bank Bldg Huntington V Va
 Hardwood Corp of America PO Box 1091 Asheville NC
 Miller & Co Inc Selma Ala
 Mower Lumber Co PO Box 2151 Charleston 28 W Va
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Plywood & Door Sales Corp Sugarcreek Ohio
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn

▶ LUMBER, BIRCH

Abbot Fox Lumber Co Iron Mountain Mich
CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS
 Cotton & Hanlon Odessa NY
 Farlin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
 Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
 Hardwood Corp of America PO Box 1091 Asheville NC
 Heywood-Wakefield Co Conifer Lumber Mills Conifer NY
 Horner Flooring Co PO Box 104 Dollar Bay Mich
 Miller & Co Inc Selma Ala
 Mower Lumber Co PO Box 2151 Charleston 28 W Va
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Plywood & Door Sales Corp Sugarcreek Ohio
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn

▶ LUMBER, CEDAR, RED, WESTERN

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Agnew Lumber Co 903 "B" St Centralia Wash
 Aloha Lumber Co Aloha Wash
 Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY
 Babcock Lumber Co Frick Bldg Pittsburgh 19 Pa
 British Columbia Forest Prods Ltd 995 W 6th Ave Vancouver BC Can
 Canadian Western Lumber Co Ltd 15 King Edward Ave N Westminster BC Can
 Comfort (Geo N) Lumber Co Euclid Ave at E 6th Cleveland Ohio
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Gray Lumber & Shingle Co PO Box 812 Seattle Wash
 Hulbert (Wm) Mill Co 12th & Norton Everett Wash
 Huntington Shingle Co Springfield Ore
 Johnson & Carlson 848 W Eastman Chicago 22 Ill
 Koehnt Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 MacMillan & Bloedel Ltd 837 Hastings St Vancouver BC Can
 Mank Seattle Lumber Co 3935 University Seattle 5 Wash
 McKeown Bros Co 5303 S Keeler Ave Chicago 32 Ill
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 Miller (E C) Cedar Lumber Co Aberdeen Wash
 Miller (Geo E) Lumber Co 617 Equitable Bldg Portland 4 Ore
 Patrick Lumber Co Portland 5 Ore
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 St Maries Lumber Co St Maries Idaho
 Seattle Cedar Lumber Mfg Co 4703 Ballard Ave Seattle 7 Wash
 Smith (M R) Shingles Co Henry Bldg Seattle 11 Wash
 Templeton (Herbert A) Lumber Co 807 Terminal Sales Bldg Portland 5 Ore
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 Unit Structures Inc Peshtigo Wis
 U S Challenge & Challenge Co 1441 N Kingsbury Chicago 22 Ill
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 Winton Lumber Sales Co 2600 Foshay Tower Minneapolis 2 Minn
 Woodward (W A) Lumber Co Cottage Grove Ore

▶ LUMBER, CREOSOTED & SALT TREATED
 American Creosote Works Inc 1307 Dublin St New Orleans La
 Baxter (J H) & Co 209 Bush St San Francisco Calif
 Colfax Lumber & Creosoting Co Inc PO Box 251 Pineville La
CROSSETT LUMBER CO CROSSETT ARK
 Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
FAIR (D L) LUMBER CO PO BOX 309 LOUISVILLE MISS
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
 Gaynor (E S) Lumber Co Box 207 Sioux City 2 Iowa

Kendall Lumber Corp Grant Bldg Pittsburgh 19 Pa
LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO
 Miller & Co Inc Selma Ala
 Miller (T R) Mill Co 402 Deer St Brewton Ala
 Nebraska Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb
 Neils (J) Lumber Co Libby Mont
 Protexol Corp 162 Market St Kenilworth NJ
 Republic Creosoting Co Merchants Bank Bldg Indianapolis 4 Ind
 Southwestern Creosoting Co PO Box 935 Muskogee Okla
 Taylor Colquitt Co 217 E Main St Spartanburg SC
TIMBER STRUCTURES INC PO BOX 3782 PORTLAND 8 ORE
WEYERHAEUSER SALES CO 18T NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash

► LUMBER, CYPRESS

Angelina County Lumber Co Keltys Texas
 Angelina Hardwood Sales Co PO Box 1020 Lufkin Texas
 Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY
 Atlantic Lumber Co 88 Broad St Boston 4 Mass
BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS TENN
 Cook County Lumber Co 200 E 130th St Chicago 28 Ill
 Cotton & Hanlon Odessa NY
CROSSETT LUMBER CO CROSSETT ARK
 Cummer Sons Cypress Co PO Box 4640 Jacksonville Fla
 Edens-Bireh Lumber Co PO Box B Corrigan Texas
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
 Johnson & Carlson 848 W Eastman Chicago 22 Ill
 Lightsey Bros Miley SC
 Mansfield Hardwood Lumber Co 1166 Louisiana Ave Shreveport La
 Marshall Lumber Co PO Box 559 Marion NC
 Miller & Co Inc Selma Ala
 Miller (T R) Mill Co 402 Deer St Brewton Ala
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Phillips-Rhyne Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Plywood & Door Sales Corp Sugarreek Ohio
 Triplett Lumber Co Inc Box 738 Lenoir NC
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 U S Challenge & Challenge Co 1441 N Kingsbury Chicago 22 Ill

► LUMBER, FIR, DOUGLAS

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY
ASSOCIATED PLYWOOD MILLS INC PO BOX 672 EUGENE ORE
 Hancock Lumber Co Frick Bldg Pittsburgh 19 Pa
 British Columbia Forest Prods Ltd 995 W 6th Ave Vancouver BC Can
 Canadian Western Lumber Co Ltd 15 King Edward Ave N Westminster BC Can
 Capitol Fence Co 735 N Water Milwaukee 2 Wis
 Cascade Lumber Co N 7th & "H" Sts Yakima Wash
 Clear Fir Sales Co PO Box 188 Springfield Ore
 Collins Pondosa Lumber Co Pondosa Ore
 Comfort (Geo N) Lumber Co Euclid Ave at E 6th Cleveland Ohio
 Cook County Lumber Co 200 E 130th St Chicago 28 Ill
 Cotton & Hanlon Odessa NY
 Deer Park Pine Industry Inc Deer Park Wash
 Exchange Sawmills Sales Co R A Long Bldg Kansas City 6 Mo
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Firpine Prods Co PO Box 188 Oswego Ore
 Giustina Bros Lumber Co PO Box 989 Eugene Ore
 Gray Lumber & Shingle Co PO Box 812 Seattle Wash
HARBOR PLYWOOD CORP PO BOX 940 ABERDEEN WASH
 Howard Mfg Co of Calif 2428 E 56th St Los Angeles Calif
 Johnson (C D) Lumber Co American Bank Bldg Portland Ore
 Johnson & Carlson 848 W Eastman Chicago 22 Ill
 Koehnton Plywood & Veneer Co Inc 509 W Lake Pleasant Plywood Co PO Box 158 Myrtle Creek Ore
LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO

MacMillan & Bloedel Ltd 837 Hastings St Vancouver B C Can
 Martin Bros Box Co Oakland Ore
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 Medford Corp PO Box 552 Medford Ore
 Metropolitan Lumber Co 7534 W State St Milwaukee Wis
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 Miller (Geo E) Lumber Co 617 Equitable Bldg Portland 4 Ore
 Nebr Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb
 Neils (J) Lumber Co Libby Mont
 New Mexico Timber Co PO Box 988 Albuquerque NM
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Patrick Lumber Co Portland 5 Ore
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Robinson Plywood & Timber Co PO Box 904 Everett Wash
 St Maries Lumber Co St Maries Idaho
ST PAUL & TACOMA LUMBER CO 1220 ST PAUL AVE TACOMA WASH
 Simpson Logging Co White Bldg Seattle 1 Wash
 Soderberg (Carl) Lumber Co 1120 Old National Bank Bldg Spokane 1 Wash
 Templeton (Herbert A) Lumber Co 807 Terminal Sales Bldg Portland 5 Ore
 Timber Prods Co PO Box 152 Medford Ore
 Umpqua Plywood Corp PO Box 158 Myrtle Creek Ore
 U S Challenge & Challenge Co 1441 N Kingsbury Chicago 22 Ill
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 U S Plywood Corp Shasta Div PO Box 1688 Redding Calif
 Webster (H E) Lumber Co 1215 R A Long Bldg Kansas City 6 Mo
WEYERHAEUSER SALES CO 18T NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 Winton Lumber Sales Co 2600 Foshay Tower Minneapolis 2 Minn
 Woodward (W A) Lumber Co Cottage Grove Ore

► LUMBER, FLAMEPROOF

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
 Protexol Corp 162 Market St Kenilworth NJ

► LUMBER, GUM

Angelina County Lumber Co Keltys Texas
 Angelina Hardwood Sales Co PO Box 1020 Lufkin Texas
 Cotton & Hanlon Odessa NY
CROSSETT LUMBER CO CROSSETT ARK
 Edens-Bireh Lumber Co PO Box B Corrigan Texas
FAIR (D L) LUMBER CO PO BOX 309 LOUISVILLE MISS
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
 Hardwood Corp of America PO Box 1001 Asheville NC
 Lightsey Bros Miley SC
LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO
 Mansfield Hardwood Lumber Co 1166 Louisiana Ave Shreveport La
 Marshall Lumber Co PO Box 559 Marion NC
 Miller & Co Inc Selma Ala
 Owen (R C) Co Hopkinsville Ky
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Phillips-Rhyne Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Texoak Flooring Co PO Box 480 Crockett Texas
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn

► LUMBER, HEMLOCK, WESTERN

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Babcock Lumber Co Frick Bldg Pittsburgh 19 Pa
 British Columbia Forest Prods Ltd 995 W 6th Ave Vancouver BC Can
 Canadian Western Lumber Co Ltd 15 King Edward Ave N Westminster BC Can

Capitol Fence Co 735 N Water Milwaukee 2 Wis
 Comfort (George N) Lumber Co Euclid Ave at E 6th Cleveland Ohio
 Cook County Lumber Co 200 E 130th St Chicago 28 Ill
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Giustina Bros Lumber Co PO Box 989 Eugene Ore
 Gray Lumber & Shingle Co PO Box 812 Seattle Wash
 Howard Mfg Co of California 2428 E 56th St Los Angeles Calif
 Johnson (C D) Lumber Co American Bank Bldg Portland Ore
 Koehnton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Lake Pleasant Plywood Co PO Box 158 Myrtle Creek Ore
LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO
 MacMillan & Bloedel Ltd 837 Hastings St Vancouver BC Can
 Martin Bros Box Co Oakland Ore
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 Metropolitan Lumber Co 7534 W State St Milwaukee Wis
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 Miller (George E) Lumber Co 617 Equitable Bldg Portland 4 Ore
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Patrick Lumber Co Portland 5 Ore
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
ST PAUL & TACOMA LUMBER CO 1220 ST PAUL AVE TACOMA WASH
 Simpson Logging Co White Bldg Seattle 1 Wash
 Templeton (Herbert A) Lumber Co 807 Terminal Sales Bldg Portland 5 Ore
 Umpqua Plywood Corp PO Box 158 Myrtle Creek Ore
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 Veach-Mary-Wilson Inc Alcoa Tenn
WEYERHAEUSER SALES CO 18T NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 Winton Lumber Sales Co 2600 Foshay Tower Minneapolis 2 Minn
 Woodward (W A) Lumber Co Cottage Grove Ore

► LUMBER, LARCH, WESTERN

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Cascade Lumber Co N 7th & "H" Sts Yakima Wash
 Collins Pondosa Lumber Co Pondosa Ore
 Cook County Lumber Co 200 E 130th St Chicago 28 Ill
 Deer Park Pine Industry Inc Deer Park Wash
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Firpine Prods Co PO Box 188 Oswego Ore
 Gray Lumber & Shingle Co PO Box 812 Seattle Wash
 Koehnton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 Metropolitan Lumber Co 7534 W State St Milwaukee Wis
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 Neils (J) Lumber Co Libby Mont
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 St Maries Lumber Co St Maries Idaho
 Soderberg (Carl) Lumber Co 1120 Old National Bank Spokane 1 Wash
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
WEYERHAEUSER SALES CO 18T NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 Winton Lumber Sales Co 2600 Foshay Tower Minneapolis 2 Minn

► LUMBER, MAPLE

Abbot Fox Lumber Co Iron Mountain Mich
CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS
 Cook (F C) & Co 1208-13 Munsey Bldg Baltimore 2 Md
 Cotton & Hanlon Odessa NY
 Farrin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
 Griffith Lumber Co 917 Guaranty Bank Huntington W Va

Hardwood Corp of America PO Box 1091 Asheville NC
 Heywood-Wakefield Co Conifer Lumber Mills Conifer NY
 Hornor Flooring Co PO Box 104 Dollar Bay Mich
 Miller & Co Inc Selma Ala
 Moses Lumber Co PO Box 2151 Charleston 28 W Va
 Owen (R C) Co Hopkinsville Ky
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Plywood & Door Sales Corp Sugar Creek Ohio
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 Veach-May-Wilson Alcoa Tenn
 Williams-Brownell Inc PO Box 1091 Asheville NC

▶ LUMBER, OAK, RED & WHITE

Anderson Tully Co PO Box 28 Memphis 10 Tenn
 Angelina County Lumber Co Keltys Texas
 Angelina Hardwood Sales Co PO Box 1020 Lufkin Texas
 Arkansas Oak Flooring Co 2200 W Fifth Ave Pine Bluff Ark
 Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY
 Atlantic Lumber Co 88 Broad St Boston 4 Mass
 Cook (F C) & Co 1208-13 Munsey Bldg Baltimore 2 Md
 Cotton & Hanlon Odessa NY
CROSSETT LUMBER CO CROSSETT ARK
 Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
 Edens-Birch Lumber Co PO Box B Corrigan Texas
 Farrin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
 Graybeal (C R) & Sons PO Box 198 Roan Mountain Tenn
 Griffith Lumber Co 917 Guaranty Bank Bldg Huntington W Va
 Hardwood Corp of America PO Box 1091 Asheville NC

▶ LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO

Mansfield Hardwood Lumber Co 1166 Louisiana Ave Shreveport La
 Marshall Lumber Co PO Box 559 Marion NC
 Miller Bros Co PO Box 540 Johnson City Tenn
 Miller & Co Inc Selma Ala
 Owen (R C) Co Hopkinsville Ky
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Plywood & Door Sales Corp Sugar Creek Ohio
 Rose (D M) & Co Rose Pl Knoxville 4 Tenn
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Southern Pine Lumber Co Diboll Tex
 Stewart (E A) Lumber Co Inc PO Box 1777 Texasarkans Texas
 Tenoak Flooring Co PO Box 480 Crockett Texas
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 Veach-May-Wilson Inc Alcoa Tenn
 Williams-Brownell Inc PO Box 1091 Asheville NC

▶ LUMBER, PECAN

Angelina Hardwood Sales Co PO Box 1020 Lufkin Texas
CROSSETT LUMBER CO CROSSETT ARK
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
 Owen (R C) Co Hopkinsville Ky
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn

▶ LUMBER, PINE, PONDEROSA

Acton Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Babcock Lumber Co Frick Bldg Pittsburgh 19 Pa
 Brooks-Seanon Inc Box 1111 Bend Ore
 Cascade Lumber Co N 7th & "H" Sts Yakima Wash
 Collins Ponderosa Lumber Co Ponderosa Ore

Comfort (Geo N) Lumber Co Euclid Ave at E 6th Cleveland Ohio
 Contact Lumber Co 719 Corbett Bldg Portland Ore
 Cook County Lumber Co 200 E 130th St Chicago 28 Ill
 Cotton & Hanlon Odessa NY
 Deer Park Pine Industry Inc Deer Park Wash
 Exchange Sawmills Sales Co R A Long Bldg Kansas City 6 Mo
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Firpine Prods Co PO Box 188 Oswego Ore
 Gray Lumber & Shingle Co Box 812 Seattle Wash
 Koehnton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill

▶ LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO

Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 Medford Corp PO Box 552 Medford Ore
 Metropolitan Lumber Co 7534 W State St Milwaukee Wis
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 Nebraska Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb
 Neils (J) Lumber Co Libby Mont
 New Mexico Timber Co PO Box 988 Albuquerque NM
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Patrick Lumber Co Portland 5 Ore
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Pickering Lumber Corp Standard Calif
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 St Maries Lumber Co St Maries Idaho
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Soderberg (Carl) Lumber Co 1120 Old National Bank Bldg Spokane 1 Wash
 Templeton (Herbert A) Lumber Co 807 Terminal Sales Bldg Portland 5 Ore
 Timber Prods Co PO Box 152 Medford Ore
 Twin City Hardware Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky

▶ UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

U S Plywood Corp Shasta Div PO Box 1688 Redding Calif
 Warren-Lamb Lumber Co Rapid City SD
 Webster (H E) Lumber Co 1215 R A Long Bldg Kansas City 6 Mo

▶ WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN

Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 Winton Lumber Sales Co 2600 Foshay Tower Minneapolis 2 Minn
 Woodward Lumber Co 1424 Vance Bldg Seattle 1 Wash

▶ LUMBER, PINE, SUGAR

ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 14 MASS
 Babcock Lumber Co Frick Bldg Pittsburgh 19 Pa

Comfort (Geo N) Lumber Co Euclid Ave at E 6th Cleveland Ohio
 Contact Lumber Co 719 Corbett Bldg Portland Ore

Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Firpine Prods Co PO Box 188 Oswego Ore
 Koehnton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill

▶ LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO

Martin Bros Box Co Oakland Ore
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 Medford Corp PO Box 552 Medford Ore
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Patrick Lumber Co Portland 5 Ore
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Pickering Lumber Corp Standard Calif
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky

▶ UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

U S Plywood Corp Shasta Div PO Box 1688 Redding Calif
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 Winton Lumber Sales Co 2600 Foshay Tower Minneapolis 2 Minn
 Woodward Lumber Co 1424 Vance Bldg Seattle 1 Wash

▶ LUMBER, PINE, WHITE, IDAHO

Acton Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Babcock Lumber Co Frick Bldg Pittsburgh 19 Pa
 Canadian Western Lumber Co Ltd 15 King Edward Ave N Westminster BC Can
 Comfort (Geo N) Lumber Co Euclid Ave at E 6th Cleveland Ohio
 Contact Lumber Co 719 Corbett Bldg Portland Ore
 Cook County Lumber Co 200 E 130th St Chicago 28 Ill
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Gray Lumber & Shingle Co Box 812 Seattle Wash

▶ LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO

Marshall Lumber Co PO Box 559 Marion NC
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 Nebraska Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb
 Neils (J) Lumber Co Libby Mont
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 St Maries Lumber Co St Maries Idaho
 Soderberg (Carl) Lumber Co 1120 Old National Bank Bldg Spokane 1 Wash
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky

▶ UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

Veach-May-Wilson Inc Alcoa Tenn
WEYERHAEUSER SALES CO 1 NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 Winton Lumber Sales Co 2600 Foshay Tower Minneapolis 2 Minn
 Woodward Lumber Co 1424 Vance Bldg Seattle 1 Wash

▶ LUMBER, PINE, WHITE, NORTHERN

Abbot Fox Lumber Co Iron Mountain Mich
 Acton Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Comfort (Geo N) Lumber Co Euclid Ave at E 6th Cleveland Ohio

▶ CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS

Cotton & Hanlon Odessa NY
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Koehnton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Metropolitan Lumber Co 7534 W State St Milwaukee Wis
 Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Rainy Lake Lumber Co Ltd 111 W Washington St Chicago 2 Ill
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky

▶ LUMBER, PINE, YELLOW, SOUTHERN

Angelina County Lumber Co Keltys Texas
 Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY
 Atlantic Lumber Co 88 Broad St Boston 4 Mass
 Babcock Lumber Co Frick Bldg Pittsburgh 19 Pa

▶ BRUCE (E L) CO 1448 THOMAS PO BOX 397 MEMPHIS 1 TENN

Comfort (Geo N) Lumber Co Euclid Ave at E 6th Cleveland Ohio
 Cotton & Hanlon Odessa NY
 Crawford Corp 1901 N 3rd St Baton Rouge

▶ CROSSETT LUMBER CO CROSSETT ARK

Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
 Edens-Birch Lumber Co PO Box B Corrigan Texas
FAIR (D L) LUMBER CO PO BOX 309 LOUISVILLE MISS
 Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
 Hutton & Bourbonnais Co PO Box 330 Hickory NC
 Kendall Lumber Corp Grant Bldg Pittsburgh 19 Pa
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Miller & Co Inc Selma Ala
Miller (T R) Mill Co 402 Deer St Brewton Ala
Ozan Lumber Co Prescott Ark
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
Southern Pine Lumber Co Diboll Texas
Triplett Lumber Co Inc PO Box 738 Lenoir NC
Veach-May-Wilson Inc Alcoa Tenn

► **LUMBER, POPLAR**

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Cook (F C) & Co 1208-13 Munsey Bldg Baltimore 2 Md
Cotton & Hanlon Odessa NY
Farrin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
Grayson (C E) & Sons PO Box 198 Roan Mountain Tenn
Griffith Lumber Co 917 Guaranty Bank Bldg Huntington W Va
Hardwood Corp of America PO Box 1091 Asheville NC
Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
Miller & Co Inc Selma Ala
Mower Lumber Co PO Box 2151 Charleston 28 W Va
Owen (R C) Co Hopkinsville Ky
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Plywood & Door Sales Corp Sugarcreek Ohio
Rose (D M) & Co Rose Pl Knoxville 4 Tenn
Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
Veach-May-Wilson Inc Alcoa Tenn
Williams-Brownell Inc PO Box 1091 Asheville NC

► **LUMBER, REDWOOD**

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY
Babeck Lumber Co Frick Bldg Pittsburgh 19 Pa
Capitol Fence Co 735 N Water Milwaukee 2 Wis
Comfort (Geo N) Lumber Co Euclid Ave at E 6th Cleveland Ohio
Cook County Lumber Co 200 E 130th St Chicago 28 Ill
Cotton & Hanlon Odessa NY
Ferguson (W T) Lumber Co 8th & Pine Sts St Louis 1 Mo
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
Metropolitan Greenhouse Mfg Corp 1851 Flushing Ave Brooklyn 37 NY
Metropolitan Lumber Co 7534 W State St Milwaukee Wis
Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
National Pacific Timber Prod 7161 Telegraph Rd Los Angeles 22 Calif

PACIFIC LUMBER CO 35 E WACKER DR CHICAGO 1 ILL

Patrick Lumber Co Portland 5 Ore
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Redwood Sales Co 333 Montgomery St San Francisco 4 Calif
Simpson Logging Co White Bldg Seattle 1 Wash
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
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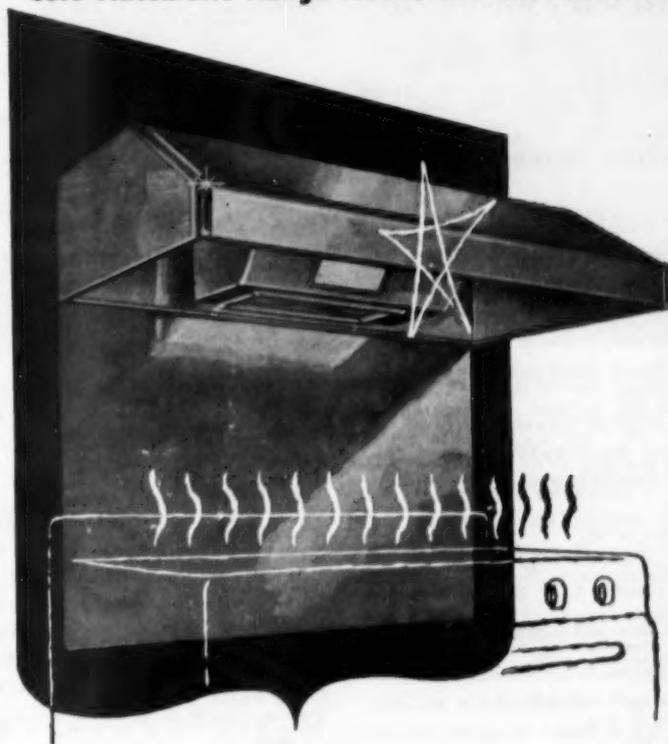
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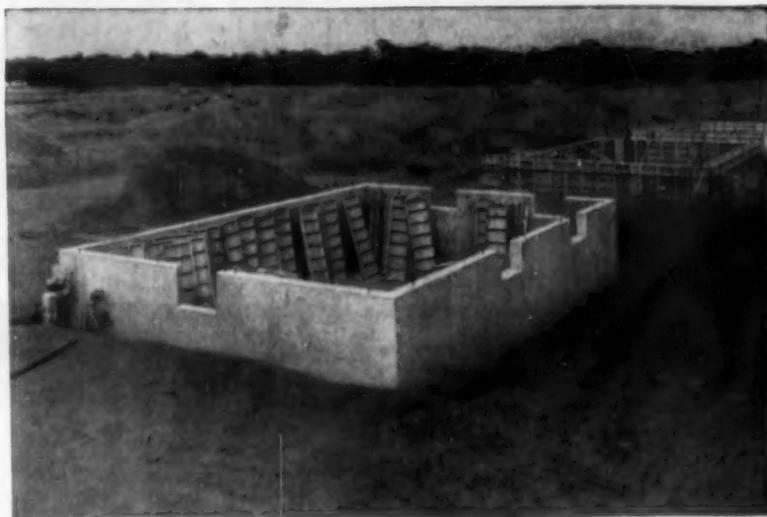
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Home Builder Built 10 Houses a Day During Good Weather

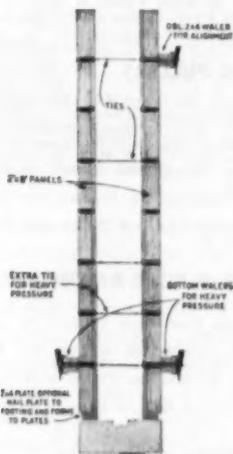
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Section showing inside and outside forms ready to pour.

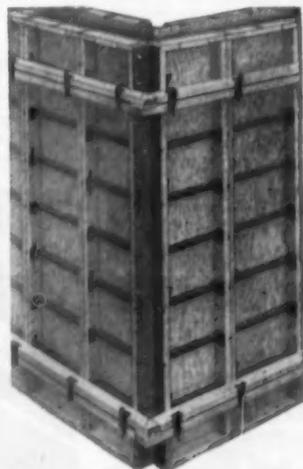
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Wheeling W Va
Williams Prods Co Inc 6127 Cedar Ave Phila-
delphia 43 Pa
Wooster Prods Inc Loehr & Wyant Sts Wooster
Ohio
YOUNGSTOWN MFG INC 66-76 S PROS-
PECT YOUNGSTOWN OHIO



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66-76 S. P. PROSPECT ST. YOUNGSTOWN 9, O.



► MOULDINGS, PLASTIC

Blum (Julius) & Co Inc Carlstadt NJ
Chicago Wood & Plastic Prods 4201 W Irving
Park Chicago 41 Ill
Commonwealth Plastics Inc 426 N Oakley
Blvd Chicago 12 Ill
Imperial Molded Prods Corp 2925 Harrison St
Chicago 12 Ill
Johnson Plastics Corp Box 312 Chagrin Falls
Ohio
Joslin Displays Inc 105 Kingston Boston 11
Mass
Keller Prods Inc 41 Union St Manchester NH
MACKLANBURG-DUNCAN CO 4041 N
SANTA FE OKLAHOMA CITY OKLA
MARSH WALL PRODS INC 268 MAIN ST
DOVER OHIO
Miraplas Tile Co 980 Parsons Ave Columbus
6 Ohio
Prestite Mfg Co 5850 W Ogden Ave Chicago
50 Ill
Sierra Electric & Mfg Co 544 E 31st Los An-
geles Calif
Superior Plastics Inc 410-430 N Oakley Chi-
cago 12 Ill
Williams Prods Co Inc 6127 Cedar Ave Phila-
delphia 43 Pa
Winner Mfg Co Inc Trenton 3 NJ

► MOULDINGS, WOOD VENEER ON METAL

AMES METAL MOULDING CO 225 E 144TH
ST NEW YORK 51 NY
Colonial Sales Corp 928 Broadway New York
10 NY
Keller Prods Inc 41 Union St Manchester NH
NATIONAL ALUMINUM CO COLUMBUS
OHIO
Parker (S) Hardware Mfg Corp 27 Ludlow St
New York 2 NY
Phillips Wood Prods Co Inc PO Box 257
Brookhaven Miss
US Menzel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky
UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY
Williams Prods Co Inc 6127 Cedar Ave Phila-
delphia 43 Pa

► NAIL PULLERS

Bridgeport Hardware Mfg Corp 461 Iranistan
Ave Bridgeport 5 Conn
Drew (C) & Co Inc Maple St Kingston 7 Mass
K D Mfg Co 526 Plum St Lancaster Pa
Leontonia Tool Co 142 Main St Leontonia Ohio
Markwell Mfg Co 200 Hudson St New York
13 NY
Union Hardware Co Sealand Inc Torrington
Conn
Woodings-Verona Tool Works 1947 Thomas St
Verona Pa

► NAIL & BOLT ANCHORS

Deveas Inc 214 E 53rd New York 22 NY
Heckmann Bldg Prods Co 4018 W Lake Chi-
cago 24 Ill
MOORE (GOODLOE E) CO PO BOX 846
DANVILLE ILL
Pols (J D) Mfg Co 2904 W 26th St Chicago
23 Ill
US Expansion Bolt Co State St & PRR York
Pa

► NAILERS & TACKERS, AUTOMATIC

Aeme Staple Co 1643 Haddon Ave Camden 3
NJ
Holler Co 2135 Superior Ave Cleveland 14 Ohio
SPOTNAILES INC 1527 LYONS EVANSTON
ILL

► NAILING MACHINES

Doig (W S) Inc 894 Manhattan Ave Brooklyn
NY
Grammas (L F) & Sons Inc 380 Union St
Allentown Pa
HOLT MFG CO 272 BADGER AVE NEWARK
8 NJ
INDEPENDENT NAIL & PACKING CO
STONE ST BRIDGEWATER MASS
POWERMAIL CO 961 MONTANA ST CHI-
CAGO 11 ILL
SPOTNAILES INC 1527 LYONS EVANSTON
ILL

► NAILS, ALUMINUM

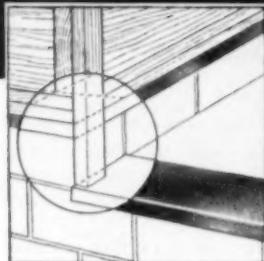
Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
ALUMINUM CO OF AMERICA 1501 ALCOA
BLDG PITTSBURGH 19 PA
Atlas Tack Corp S Pleasant St Fairhaven
Mass
Eastern Nail Co 59 Aleppo St Providence 9
RI
GULF STEEL & WIRE CO SAN JUAN PR

AMERICAN BUILDER

for **LOWEST INSTALLED COST**

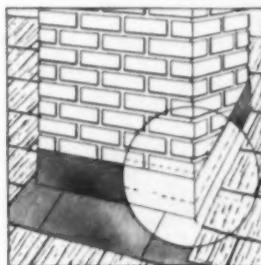
USE TERNE*

for these weathersealing jobs

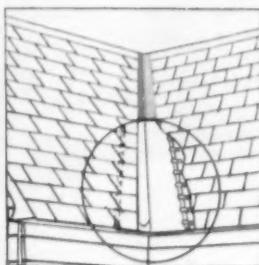


Termite Shields

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TERNE METAL**
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Continuous Chimney Flashings



Valleys

To keep costs way down and quality way up, make sure you use Terne for all weathersealing jobs, and for gutters and conductors too.

Terne is copper-bearing base plate, hot-dip coated with an alloy of lead and tin. Properly installed and maintained, it will last as long, or longer, than any roofing material with which it is used.

Terne is available in 50' rolls, in 40 lb., 20 lb. and 8 lb. coatings; in IC and IX gauges, and in ten widths from 4" to 28". It is supplied unpainted, painted one side or painted both sides. The mill-applied paint does not interfere with easy soldering.

When you use Terne, you're using the top-quality product at the best installed price. In valley tin or roofing tin, the name is Follansbee Terne.

FOLLANSBEE STEEL CORPORATION

General Offices and Plants: Follansbee, West Virginia



SEAMLESS TERNE ROLL ROOFING
Polished Blue Sheets and Coils
Cold Rolled Strip

Sales Offices in Principal Cities

APRIL 1955

You asked for it!



What?

A complete set of plastic coated panel forms using Gates Horizontal Rod Forming System.

Why?

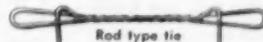
Because we had repeated requests for these when we recently attended the National Association of Home Builders Home Show, in Chicago.

How much?

We're able to offer these panels for just \$11 a running foot (F.O.B. Denver) for full 8 ft. basement forms, complete with rods, and 4 four corners.

What'll they do?

1. They'll cut time and material costs for you.
2. Their plastic coating assures a maximum number of pours!
3. The absence of ribbing makes them easy to handle, easy to move and convenient to store.
4. They require no hardware and a minimum of watering.
5. They require minimum erection and stripping time!
6. They're right for your job. Let the Gates Horizontal Rod Forming System set new records for you as it has for contractors all over the country!



Rod type tie

Want more information?

Use this form to request full details:

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AB4-55

80 So. Galapago - Denver, Colo.

Gentlemen: Please send me full information on the following:

Gates Horizontal Rod Forming System Gates Form Ties

Name.....

Address.....

City..... State.....

GATES & SONS, INC.

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451

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 National Plywoods Inc 2710 Throop St Chicago Ill
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
 Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
REYNOLDS METALS CO BUILDING PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY

▶ NAILS, COMMON

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
 Angell Nail & Chaplet Co 4580 E 71st St Cleveland Ohio
 Atlas Tack Corp S Pleasant St Fairhaven Mass
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Bambrick (Richard J) 125 Broad St New York 4 NY
REPUBLIC STEEL CORP BERGER DIV 14010 BELDEN AVE NE CANTON 5 OHIO
BETHLEHEM STEEL CO BETHLEHEM PA CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
 Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
GULF STEEL & WIRE CO SAN JUAN PR
 Illinois Nail Co 826 N Peoria Chicago Ill
 Jones & Laughlin Steel Corp S Gateway Center Pittsburgh 30 Pa
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
 Mid States Steel & Wire Co Crawfordsville Ind
 Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
REYNOLDS METALS CO BUILDING PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
 Sheffield Steel Div Arco Steel Corp Sheffield Sta Kansas City 25 Mo
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
 Valentine Equipment Co 561 W Washington Chicago Ill
 Wash Co Inc 720 N Bowman Ave Danville Ill
 Wickwire Bros Inc 189 Main St Cortland NY
 Wilson Steel & Wire Co 4840 S Western Ave Chicago 9 Ill
 Wood (Alan) Steel Co Ivy Rock Rd Conshohocken Pa

▶ NAILS, COPPER

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 Angell Nail & Chaplet Co 4580 E 71st St Cleveland Ohio
 Atlas Tack Corp S Pleasant St Fairhaven Mass
 Chase Brass & Copper Co Inc 236 Grand St Waterbury 20 Conn
COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
 Dickson Weatherproof Nail Co 1900 Greenwood Ave Evanston Ill
GULF STEEL & WIRE CO SAN JUAN PR
HASSALL (JOHN) INC PO BOX 2250 WEST-BURY LI NY
 Hussey (C G) & Co 2860 Second Ave Pittsburgh 19 Pa
INDEPENDENT NAIL & PACKING CO STONE ST BRIDGEWATER MASS
TURNER & SEYMOUR MFG CO LAWTON ST TORRINGTON CONN

▶ NAILS, CUT

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
MAZE (W H) CO CHURCH ST & RIVER PERU ILL
 National Screw & Mfg Co 2440 E 75th St Cleveland 4 Ohio
 Owen (R C) Co Hopkinsville Ky
 Shelton Tack Co 105 Canal St Shelton Conn
 Tremont Nail Co 21 Elm St Wareham Mass
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
 Wheeling Steel Corp Wheeling W Va
 Wood (Alan) Steel Co Ivy Rock Rd Conshohocken Pa

▶ NAILS, FLOORING

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 Badger Corrugating Co 1801 West Ave S La Crosse Wis
BETHLEHEM STEEL CO BETHLEHEM PA Camp Co Inc 6958 S State Chicago 21 Ill
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
 Cromar Co Susquehanna St Williamsport Pa
 Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
INDEPENDENT NAIL & PACKING CO STONE ST BRIDGEWATER MASS
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
MAZE (W H) CO CHURCH ST & RIVER PERU ILL
 Mid States Steel & Wire Co Crawfordsville Ind
 Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
 Owen (R C) Co Hopkinsville Ky
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Sheffield Steel Div Arco Steel Corp Sheffield Sta Kansas City 25 Mo
SPOTNAILS INC 1527 LYONS EVANSTON ILL
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
 Tremont Nail Co 21 Elm St Wareham Mass
 Valentine Equipment Co 561 W Washington Chicago Ill
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
 Wickwire Bros Inc 189 Main St Cortland NY
 Wood (Alan) Steel Co Ivy Rock Rd Conshohocken Pa

▶ NAILS, LATH

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 Angell Nail & Chaplet Co 4580 E 71st St Cleveland Ohio
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
BETHLEHEM STEEL CO BETHLEHEM PA COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
 Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
 Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio
GULF STEEL & WIRE CO SAN JUAN P R
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
 Mid States Steel & Wire Co Crawfordsville Ind
 Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Sheffield Steel Div Arco Steel Corp Sheffield Sta Kansas City 25 Mo
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
 Valentine Equipment Co 561 W Washington Chicago Ill
 Wickwire Bros Inc 189 Main St Cortland NY

▶ NAILS, LEAD HEAD

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AMERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Deniston Co 4856 S Western Ave Chicago 9 Ill
 Dickson Weatherproof Nail Co 1900 Greenwood Ave Evanston Ill
 Division Lead Co 7742 W 61st Place Summit Ill
INDEPENDENT NAIL & PACKING CO STONE ST BRIDGEWATER MASS
INLAND STEEL PRODS CO 4111 W BURN-

HAM MILWAUKEE WIS
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
MAZE (W H) CO CHURCH ST & RIVER PERU ILL
 Mid States Steel & Wire Co Crawfordsville Ind
 National Lead Co 111 Broadway New York 6 NY
 Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Sheffield Steel Div Arco Steel Corp Sheffield Sta Kansas City 25 Mo
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
 Wheeling Corrugating Co 1134 Market St Wheeling W Va

▶ NAILS, MASONRY

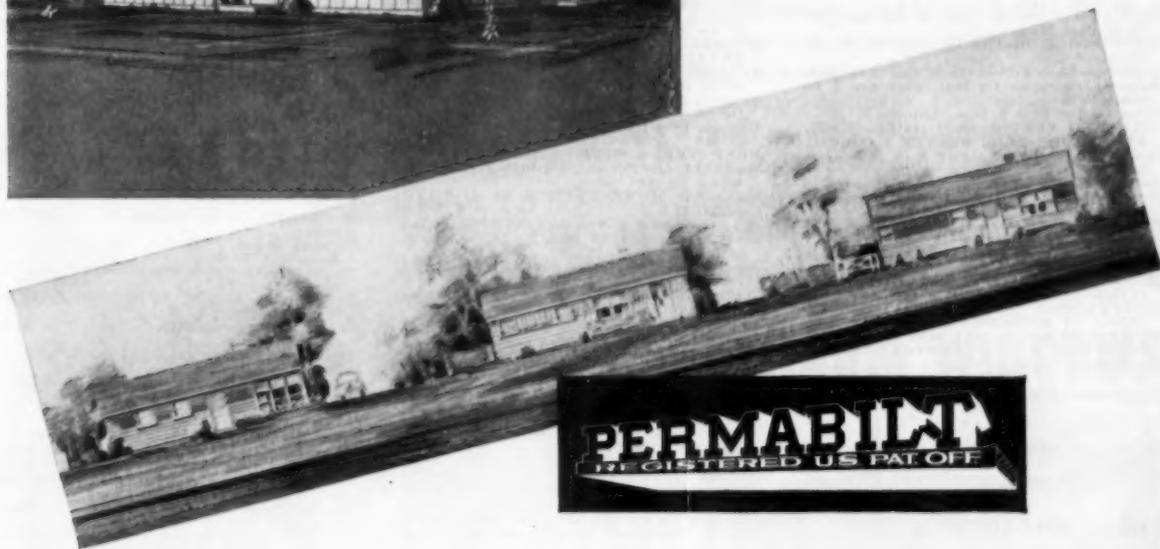
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
BOSTWICK STEEL LATH CO 1890 GRISWOLD DR NILES OHIO
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Dickson Weatherproof Nail Co 1900 Greenwood Ave Evanston Ill
 Heckmann Bldg Prods Co 4018 W Lake Chicago 24 Ill
 Hillwood Mfg Co 21700 St Clair Ave Cleveland 17 Ohio
INDEPENDENT NAIL & PACKING CO STONE ST BRIDGEWATER MASS
 Parker-Kalon Div General American Transportation Corp 200 Varick St New York 14 NY
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Sheffield Steel Div Arco Steel Corp Sheffield Sta Kansas City 25 Mo
STAR EXPANSION BOLT CO 147-149 CEDAR ST NEW YORK 6 NY
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
 Tremont Nail Co 21 Elm St Wareham Mass
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

▶ NAILS, ROOFING

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AMERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
 Angell Nail & Chaplet Co 4580 E 71st St Cleveland Ohio
 Atlas Tack Corp S Pleasant St Fairhaven Mass
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Bambrick (Richard J) 125 Broad St New York 4 NY
BETHLEHEM STEEL CO BETHLEHEM PA Bonafide Mills Inc 295 Fifth Ave New York NY
 Camp Co Inc 6958 S State Chicago 21 Ill
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
 Crescent Brass & Pin Co 5760-5800 Trumbull Detroit 8 Mich
 Deniston Co 4856 S Western Ave Chicago 9 Ill
 Dickson Weatherproof Nail Co 1900 Greenwood Ave Evanston Ill
 Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
 E G Building Fasteners Corp 101 Park Ave New York 17 NY
GULF STEEL & WIRE CO SAN JUAN P R
INDEPENDENT NAIL & PACKING CO STONE ST BRIDGEWATER MASS
 Jones & Laughlin Steel Corp S Gateway Center Pittsburgh 30 Pa
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
MAZE (W H) CO CHURCH ST & RIVER PERU ILL
 Mid States Steel & Wire Co Crawfordsville Ind
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
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Permabilt Homes offer not only wide flexibility in front styling for individuality in appearance, but also almost limitless plan modifications for interior room arrangement to fit buyer's needs. None of these modifications will affect Permabilt quality, which follows only time proven conventional construction practice. Builders who want to sell quality homes, readily acceptable to all lending agencies for financing, choose Permabilt for this reason. They also get the advantage of complete package delivery, predetermined price, rapid assembly and close-in, plus a wide choice of interior finishing. Write for details on all Permabilt Models and Specifications.

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 Valentine Equipment Co 561 W Washington Chicago III
 Wickwire Bros Inc 189 Main St Cortland NY
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 275 MADISON AVE NEW YORK 19 NY
 Wilson Steel & Wire Co 4840 S Western Ave Chicago 9 Ill
 Wood (Alan) Steel Co Ivy Rock Rd Conshohocken Pa

▶ NAILS, SCREW TYPE

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 Angell Nail & Chaplet Co 4580 E 71st St Cleveland Ohio
 Atlas Tack Corp S Pleasant St Fairhaven Mass Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Carter Co Inc 6958 S State Chicago 21 Ill
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Denston Co 4856 S Western Ave Chicago 9 Ill
 Dickson Weatherproof Nail Co 1900 Greenwood Ave Evanston Ill
 E G Building Fasteners Corp 101 Park Ave New York 17 NY
HASSALL (JOHN) INC PO BOX 2250 WESTBURY LI NY
 Hillwood Mfg Co 21700 St Clair Ave Cleveland 17 Ohio
INDEPENDENT NAIL & PACKING CO STONE ST BRIDGEWATER MASS
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
 Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
 Parker-Kalon Div 200 Varick St New York 14 NY
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
REYNOLDS METALS CO BLDG PROD DIV 2001 S NINTH ST LOUISVILLE 1 KY
 Stronghold Screw Prods 1883 W Winnemac Chicago 40 Ill

▶ NAILS, SELF-LOCKING

E G Building Fasteners Corp 101 Park Ave New York 17 NY
 Elastic Stop Nut Corp of America 2330 Vauxhall Rd Union NJ

▶ NAILS, SHINGLE

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 Angell Nail & Chaplet Co 4580 E 71st St Cleveland Ohio
 Atlas Tack Corp S Pleasant St Fairhaven Mass Badger Corrugating Co 1801 West Ave S La Crosse Wis
BETHLEHEM STEEL CO BETHLEHEM PA
 Bonafide Mills Inc 295 Fifth Ave New York NY
 Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV U S STEEL CORP RUSS BLDG SAN FRANCISCO 4 CALIF
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Crescent Brass & Pin Co 5760-5800 Trumbull Detroit 8 Mich
 Dickson Weatherproof Nail Co 1900 Greenwood Ave Evanston Ill
 E G Building Fasteners Corp 101 Park Ave New York 17 NY
 Elastic Stop Nut Corp of America 2330 Vauxhall Rd Union NJ
GULF STEEL & WIRE CO SAN JUAN P R
INDEPENDENT NAIL & PACKING CO STONE ST BRIDGEWATER MASS
 Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
MAZE (W H) CO CHURCH ST & RIVER PERU ILL
 Mid States Steel & Wire Co Crawfordsville Ind
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
 Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
REYNOLDS METALS CO BUILDING PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
 Sheffield Steel Div Armo Steel Corp Sheffield Sta Kansas City 25 Mo
TENNESSEE COAL & IRON DIV U S STEEL CORP PO BOX 599 FAIRFIELD ALA

Wickwire Bros Inc 189 Main St Cortland NY
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & SUPPLY CORP 575 MADISON AVE NEW YORK 19 NY
 Wilson Steel & Wire Co 4840 S Western Ave Chicago 9 Ill
 Wood (Alan) Steel Co Ivy Rock Rd Conshohocken Pa

▶ NAILS, WALLBOARD

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN STEEL & WIRE DIV U S STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
 Angell Nail & Chaplet Co 4580 E 71st St Cleveland Ohio
 Atlas Tack Corp S Pleasant St Fairhaven Mass Badger Corrugating Co 1801 West Ave S La Crosse Wis
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV U S STEEL CORP RUSS BLDG SAN FRANCISCO 4 CALIF
 Crescent Brass & Pin Co 5760-5800 Trumbull Detroit 8 Mich
 Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
GULF STEEL & WIRE CO SAN JUAN P R HASSALL (JOHN) INC PO BOX 2250 WESTBURY LI NY
MAZE (W H) CO CHURCH ST & RIVER PERU ILL
 Mid States Steel & Wire Co Crawfordsville Ind
 Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Sheffield Steel Div Armo Steel Corp Sheffield Sta Kansas City 25 Mo
 Valentine Equipment Co 561 W Washington Chicago III
 Wickwire Bros Inc 189 Main St Cortland NY

▶ NAME PLATES

AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
 Colonial Brass Co Davis St Middleboro Mass
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
 Eero Mfg Co 2368 Elston Ave Chicago 14 Ill
 Pyramid Mouldings Inc 5553 W Armstrong Chicago 30 Ill
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
 Tennessee Fabricating Co 1490 Grimes St Memphis Tenn
 Turner Brass Works 821 Park Ave Sycamore Ill
 Wellman Prods Co 1444 E 40th St Cleveland 3 Ohio

▶ NETTING, WIRE

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AMERICAN STEEL & WIRE DIV U S STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
 Gilbert & Bennett Mfg Co 600 Miller Ave Georgetown Conn
 Indiana Steel & Wire Co Inc Muncie Ind
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
 Mid States Steel & Wire Co Crawfordsville Ind
 Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Sheffield Steel Div Armo Steel Corp Sheffield Sta Kansas City 25 Mo
TENNESSEE COAL & IRON DIV U S STEEL CORP PO BOX 599 FAIRFIELD ALA
 Wickwire Bros Inc 189 Main St Cortland NY
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

▶ NIPPERS

Champion-De Arment Tool Co 1306-16 Main St Meadville 1 Pa
 Danamans Steel Prods Corp 2199 W Kishwaukee Rockford Ill
 Klein & Sons 7200 McCormick Rd Chicago 45 Ill
 Krauter & Co Inc 681-18th Ave Newark NJ
 Lowe Mfg Co Enderlin ND
 M & M Wire Clamp Co 975 17th Ave Minneapolis Minn
 Original Enderas Co Guttenberg Iowa
RED DEVIL TOOLS 130 COFT ST IRVINGTON NJ
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
 Starr Bros Bell Co E Hampton Conn

▶ NOSINGS, METAL

Aetna Steel Corp 730 Fifth Ave New York 19 NY
 Alden Mfg Co 201 W Walnut St Painesville Ohio
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Alto Mfg Co 1647 W Wolfram Chicago 13 Ill
 American Mason Safety Tread Co 125 Perry St Lowell Mass
AMES METAL MOULDING CO 225 E 144TH ST NEW YORK 51 NY
ARMSTRONG CORK CO 1910 CONCORD ST LANCASTER PA
 B & T Metals Co 425 W Town St Columbus 16 Ohio
 Blum (Julius) & Co Inc Carlstadt NJ
 Camp Co Inc 6958 S State Chicago 21 Ill
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
 Davis & Stehl Co Dept AB Box 78 Sta A Cincinnati 25 Ohio
 Deesrite Inc 2116 Peachtree St Atlanta Ga
 Ford Metal Moulding Corp 27-01 Bridge Plaza Long Island City NY
 Kinkad Industries Inc 5860 N Pulaski Rd Chicago 30 Ill
MACKLANBURG-DUNCAN CO 4641 N SANTA FE OKLAHOMA CITY OKLA
MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO
 Metal Trims Inc PO Box 1072 Youngstown 1 Ohio
 Mirapias Tile Co 980 Parsons Ave Columbus 6 Ohio
 National Guard Prods Inc 540 Jackson Ave Memphis 7 Tenn
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
 Protex Weatherstrip Mfg Co 4508 S Western Ave Chicago Ill
 Pyramid Mouldings Inc 5553 W Armstrong Chicago 30 Ill
 Safe Tread Co Inc 30 Vesey St New York 7 NY
 Superior Industries Inc 3786 Oakwood Ave Youngstown 9 Ohio
 Trimeged Inc Box 328 Newman Ga
 Werner (R D) Co Inc 295 Fifth Ave New York 16 NY
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
 Wooster Prods Inc Loehr & Wyant Sts Wooster Ohio
 Youngstown Mfg Inc 66-76 S Prospect Youngstown Ohio

▶ NUMBERS & LETTERS, LUMINOUS

Gits Molding Corp 4600 W Huron Chicago 44 Ill
 Greider (K H) Mfg Co 830 Mason Springfield Ohio
MACKLANBURG-DUNCAN CO 4641 N SANTA FE OKLAHOMA CITY OKLA
 Nu View House Numbers 3910 Carnegie Cleveland 15 Ohio
 Reflecto Letters Co 411 E 101st St New York 29 NY

▶ NUMBERS & LETTERS, REFLECTING

Lumelite Corp Pawling NY
MACKLANBURG-DUNCAN CO 4641 N SANTA FE OKLAHOMA CITY OKLA

NU-ART NUMBERS & LETTERS

B CHOOSE FROM **4**
 3 SIZES
 3 METALS

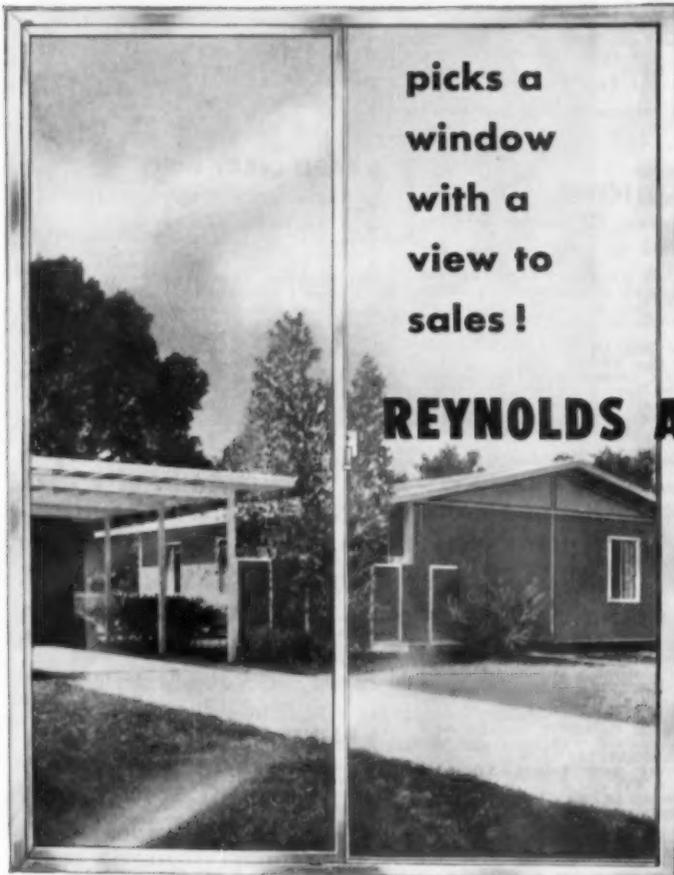
See Pgs. 56-59

SOLD BY HARDWARE & LUMBER DEALERS



MACKLANBURG-DUNCAN CO.
 OKLAHOMA CITY, OKLA.

Reflecto Letters Co 411 E 101st St New York 29 NY
 U S Lite-Ray Co Dayton Ohio

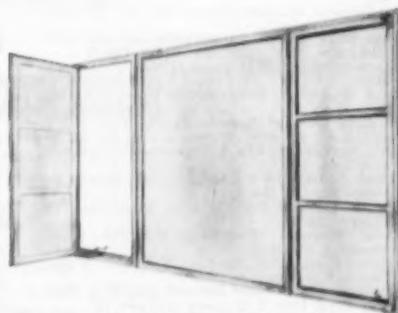
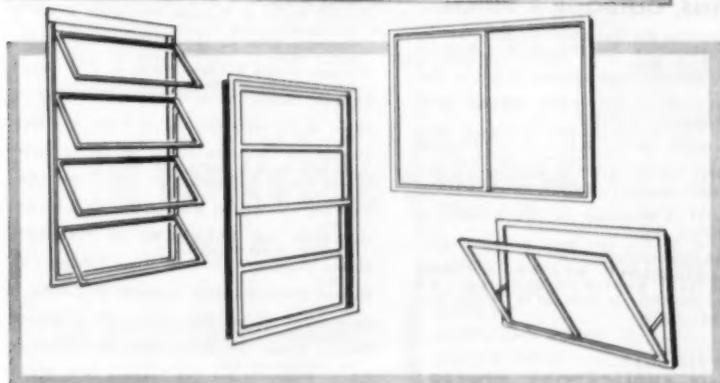


**picks a
window
with a
view to
sales!**

REYNOLDS ALUMINUM WINDOWS



◀ Featured in National Homes' fabulous "FLEETWOOD" are Reynolds Aluminum horizontal-sliding windows. Vents open with finger-tip ease, close tight, lift out for cleaning. High-styled simplicity! See these Reynolds Aluminum Windows during the "Open House Showing" of National Homes.



Shown above is the beautiful Reynolds Aluminum Casement Window. The complete line includes the Traverse Window, Awning Window, a new, perfected Double-Hung Window and Basement and Utility Windows.

SEE "MISTER PEEPERS," starring Wally Cox, Sundays, NBC-TV Network.

REYNOLDS ALUMINUM BUILDING PRODUCTS

▶ NUMBERS & LETTERS, WOOD & METAL

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN HARDWARE CORP CORBIN (P&F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 192 WASHINGTON ST NEW BRITAIN CONN
Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY
Champion Hardware Co 3500 Miller St Geneva Ohio
Chesler (J) & Sons Inc 41-49 Varick Ave Brooklyn 37 NY
Cipeco Corp 22nd & Cole St St Louis 6 Mo
Clinton Lock Co 78 31st Avenue N Clinton Iowa
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
DEXTER LOCK CO 1609 MADISON AVE GRAND RAPIDS 2 MICH
Ereo Mfg Co 2368 Elston Ave Chicago 14 Ill
Fisale Equipment Mfg Co 105 Reade St New York 13 NY
IVES (H H) CO 5 ARTIZAN ST NEW HAVEN CONN
Lakeside Metalcraft Co 339 W Hovey Ave Muskegon Heights Mich
MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA
Matthews (Jas H) & Co 1315 W Liberty Ave Pittsburgh 26 Pa
MCKINNEY MFG CO 1715 LIVERPOOL ST PITTSBURGH 33 PA
Nelson-Harkins Industries 5301 N Kedzie Ave Chicago 25 Ill
Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
Premax Prods Div Chisolm-Ryder Co Highland & College Niagara Falls NY
Refecto Letters Co 411 E 101st St New York 29 NY
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
Rustic Furniture Co Inc Williamstown NY
Safe Padlock & Hardware Co 2nd & Crystal Sts Lancaster Pa
Slaymaker Lock Co 115 SW End Ave Lancaster Pa
Spanjer Bros Inc 1160 N Howe Chicago 10 Ill
Standard Bronze Co 6th St & Ave "A" Bayonne NJ
Trio Letters Inc 329 Woodlawn Aurora Ill
Wellman Prods Co 1444 E 40th St Cleveland 3 Ohio

▶ OFFICE MACHINES & EQUIPMENT

AAA ADDING MACHINE CO 582 7TH AVE NEW YORK 38 NY
Addressograph-Multigraph Corp 1200 Babbitt Road Cleveland 17 Ohio
Ajax Time Stamp Co 368 Broadway New York NY
Autographic Business Forms Inc 215 Seventh St Hoboken NJ
REPUBLIC STEEL CORP BERGER DIV 1038 BELDEN AVE NE CANTON 5 OHIO
Burroughs Corp 6071 Second Blvd Detroit 32 Mich
Clary Multiplier Corp 408 Junipero St San Gabriel Calif
Davidson Corp 29 Ryerson St Brooklyn 5 NY
Dick (A H) Co 5700 W Touhy Chicago 31 Ill
Ercy Register Co 429 E Monument Dayton 2 Ohio
Elliott Addressing Machine Co 143 Albany St Cambridge 30 Mass
Felt & Tarrant Mfg Co 1720 N Paulina St Chicago 22 Ill
Ferris Business Equipment Inc 244 Great Meadows Stratford Conn
Friden Calculating Machine Co 2350 Washington San Leandro Calif
Hamilton Autographic Register Hamilton Ohio
Hoyer Corp 1850 S Kostner Chicago Ill
Indiana Cash Drawer Co Shelbyville Ind
International Business Machines Corp 690 Madison Ave New York 22 NY
Kirk Plastics Co 170 E Jefferson Los Angeles Calif
Lightning Adding Machine Sales Co 234 W 37th Pl Los Angeles Calif
Marchant Calculators Inc 1475 Powell St Oakland 8 Calif
Master Addresser Co 6500 W Lake St Minneapolis 5 Minn
McCaskey Register Div Victor Adding Machine Co 3900 N Rockwell St Chicago 18 Ill
Mellicke Systems Inc 3458 N Clark St Chicago 13 Ill
Monroe Calculating Machine Co 555 Mitchell St Orange NJ
Moser Safe Co 320 Fifth Ave New York 1 NY
National Cash Register Co S Main & "K" Sts Dayton 9 Ohio
Northwest Metal Prods Co 1337 E Mason Green Bay Wis

OLIVETTI CORP OF AMERICA 580 FIFTH AVE NEW YORK CITY NY
Peck & Harvey 6559 N Western Ave Chicago 30 Ill
Peerless Steel Equipment Co Unruh & Harbor Brook Philadelphia Pa
Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
REMINGTON RAND INC 315 FOURTH AVE NEW YORK 10 NY
Smith-Corona Inc 701 E Washington Syracuse 1 NY
Speed-O-Print Corp 1801 W Larchmont Chicago 13 Ill
Standard Register Co Dayton 1 Ohio
Swift Business Machines Corp 51 Church Great Barrington Mass
Todd Co Inc Rochester 3 NY
Tucker-Dorsey Mfg Corp 2139 Fletcher Ave Indianapolis 6 Ind
Underwood Corp 1 Park Ave New York 16 NY
Victor Adding Machine Co 3900 N Rockwell St Chicago Ill

▶ OUTLETS, ELECTRIC

All-Steel Equipment Co Inc 245 John St Aurora Ill
Appleton Electric Co 1701 Wellington Ave Chicago 13 Ill
ARROW HART & HEGEMAN ELECTRIC CO 103 HAWTHORNE ST HARTFORD 6 CONN
Bell Electric Co 1844 W 21st St Chicago 8 Ill
Bryant Electric Co 1421 State St Bridgeport 2 Conn
Eagle Electric Mfg Co 23-10 Bridge Plaza Long Island City NY
General Electric Construction Materials Div Wiring Device Dept Providence RI
Hubbell (Harvey) Inc State & Bostwick Bridgeport 5 Conn
Keystone Mfg Co 23328 Sherwood Ave Centerline Mich
Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY
Porcelain Prods Inc 422 W Sandusky St Findlay Ohio
Sierra Electric & Mfg Co 544 E 31st Los Angeles Calif
Square D Co 6060 Rivard Detroit 11 Mich

▶ OVENS, BUILT-IN

AIRLINE PRODS DIV BORG-WARNER CORP KALAMAZOO MICH
Chambers 2464 N Meridian St Indianapolis Ind
GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY
Graswald Mfg Co Erie Pa
O'Keefe & Merrill Co 3700 E Olympic Blvd Los Angeles 23 Calif
REVCO INC DEERFIELD MICH
STIGLITZ CORP 2067 PORTLAND AVE LOUISVILLE KY
WASHINGTON (MARTHA) DISTRIBUTING CO 151 AVENUE "A" BAYONNE NJ

▶ OVENS, OUTDOOR & DUTCH

Adams Co The PO Box 268 Dubuque Iowa
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Davis & Siehl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
Hancock Iron Works PO Box 13 Pontiac Mich
Kraus (Walter S) Co 48-02 43rd St Woodside 77 NY
MAJESTIC CO HALL ST HUNTINGTON IND
Mexico Refractories Co Love & Cole Sts Mexico Mo
Outdoor Oven Fireplace Co 859 Windsor St Hartford 1 Conn
Poulsen & Nyrdon Inc Soto & Leonis Blvd Los Angeles 11 Calif
PRICE FIREPLACE HEATER & TANK CORP 195 W AUSTIN ST BUFFALO 7 NY
Western Foundry Co 2400 S W Water Ave Portland 1 Ore

▶ PAINT APPLICATORS, ROLLER, AIR PRESSURE

Bentzinger Bros 317 N Third St St Louis 2 Mo
Carlson (A B) & Co 349 Woodlawn Ave Aurora 4 Ill
Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
Devoe & Reynolds Co Inc 787 First Ave New York 17 NY
E-Z-Painter Corp 4051 S Iowa Ave Milwaukee 7 Wis
Hanlon & Goodman Co 6 Riverside Ave Belleville 9 NJ

Jacobus (A G) Sons Inc 770 Bloomfield Ave Verona NJ
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Meinhardt (J A) & Co 30 W Kinzie Chicago 3 Ill
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
RED DEVIL TOOLS 130 COIT ST IRVINGTON NJ
Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
Rubberet Co Haynes & Lincoln Newark 5 NJ
Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
Thomas Prods Co 8490 Lyndon Ave Detroit 38 Mich
Watson (Geo E) Co 417 S Wabash Ave Chicago 10 Ill
Wooster Brush Co 600 Madison Ave Wooster Ohio

▶ PAINT SPRAY GUNS

Binks Mfg Co 3124 W Carroll Ave Chicago 12 Ill
Black Mfg Co 201 Second St Harrison NJ
Brown (W R) Corp 2701 N Normandy Av Chicago 35 Ill
Burgess Vibrocrafters Inc Grayslake Ill
COLORCRETE INDUSTRIES INC 24TH & OTTAWA 8TH HOLLAND 1 MICH
Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
DeVilbiss Co 300 Phillips Ave Toledo 1 Ohio
Electric Sprayit Div Thomas Industries Inc 1415 Illinois Ave Sheboygan Wis
Empire Varnish Co 2636 E 76th St Cleveland 4 Ohio
Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill
Panahe Airbrush Co 1909 W Diversey Pkwy Chicago 14 Ill
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Portable Electric Tools Inc 320 W 83rd St Chicago 20 Ill
Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
Root-Lowell Corp 445 N Lake Shore Drive Chicago Ill
Selleo Corp 157 W Kellogg St Paul 2 Minn
Spurgeon (N B) Co 29 N Wacker Dr Chicago 5 Ill
Stewart-Warner Corp 1828 W Diversey Chicago 14 Ill
Tamma Industries Inc 228 N La Salle St Chicago 1 Ill

▶ PAINTS, ACIDPROOF

American Fluoresit Co 4011 Red Bank Rd Cincinnati 27 Ohio
American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
Atlas Mineral Prods Co Mertztown Pa
Barreled Sunlight Paint Co 12 Dudley St Providence 1 RI
CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
Cheeseman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
Chicago Bronze & Color Works 2673 W Grand Ave Chicago 12 Ill
Chicago Paints Inc 4500 W 14th Chicago 23 Ill
Devoe & Reynolds Co Inc 787 First Ave New York 17 NY
DuPont De Nemours (E I) & Co Inc 1907 Market St Wilmington 98 Del
Elliott Paint & Varnish Co 4523 Fifth Ave Chicago 24 Ill
Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
Haynes Prods Co 4007 Farnam St Omaha 3 Neb
Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
Illinois Bronze Powder Co Inc 2023 S Clark St Chicago 16 Ill
Lastik Prods Co Inc 203 Iroquois Bldg Pittsburgh 13 Pa
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Lowheo Inc 1625 E 53rd St Chicago 15 Ill
Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
Masury (John W) & Son Inc 1709 Bayard St Baltimore 30 Md
Mobile Paint Mfg Co PO Box 1686 Mobile Ala
Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio
MOORE (GOODLOE E) CO PO BOX 846 ANSVILLE ILL
National Mfg Corp 3343 Flanagan St Tonawanda NY

take a
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one of 10 woods from the

WESTERN PINE region

Light but strong, straight-grained, soft and even-textured, light-colored Idaho White Pine is one of the few true white pines. Its dimensional stability and splendid workability make it a superior wood to recommend for fine paneling and woodwork, pattern-making, siding, all residential and light construction.

Idaho White Pine comes in 3 select, 5 common, 4 bevel siding, and 4 factory grades. You can order it in straight or mixed cars—together with other woods from the Western Pine region—from many Western Pine Association member mills!

the Western Pines

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PONDEROSA PINE
SUGAR PINE

the Associated Woods

LARCH
DOUGLAS FIR
WHITE FIR
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INCENSE CEDAR
RED CEDAR
LODGEPOLE PINE



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WESTERN PINE ASSOCIATION
Yeon Building, Portland 4, Oregon

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FRANTZ
OVER-HEAD DOOR
CONVENIENCE

ARCHITECTURALLY DESIGNED

EQUIPMENT AND
CARPENTER-BUILT DOORS

• You can furnish Frantz Door Equipment for practically any size or type of door . . . mill made or carpenter built. Doors can be architect-

designed to harmonize . . . a real advantage for the homes with attached garages. On remodelling jobs old swinging type doors can easily be converted at modest cost.



SECTIONAL TYPE



• Frantz, the leading manufacturer of one-piece garage doors now offers sectional - type doors in more than 20 popular models for residential and commercial openings. "Glide-O-

Matic" action, which takes the effort out of opening and closing is but one of the famous 14 features that make Frantz sectional doors a best seller everywhere.

ONE-PIECE UNITS

EQUIPMENT AND
DOOR COMPLETE

• Frantz One-Piece or Rigid-Type doors feature "Powermatic" action. The springs do all the lifting and assure smooth effortless operation—for easy opening and easy closing. Pre-bored bolt holes and simplified design cut time and labor costs. Only 2" headroom required.



INSTALL FRANTZ • AMERICA'S BEST ENGINEERED OVERHEAD DOOR

FRANTZ

GARAGE DOORS AND HARDWARE

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FRANTZ MANUFACTURING CO., STERLING, ILL.

Nukem Prods Corp 111 Colgate Ave Buffalo 20 NY
 O'Brien Corp 101 N Johnson St South Bend 21 Ind
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Pabco Prods Inc 475 Brannan St San Francisco Calif
 Patterson-Sargent Co 1325 E 38th St Cleveland 16 Ohio
 Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa
 Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 11 Mo
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
 Quigley Co Inc 527 Fifth Ave New York 17 NY
 Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
RUBEROID CO 500 5TH AVE NEW YORK 36 NY
 Sashlin Paints Inc 229 E 42nd St New York 17 NY
 Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
 Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
 Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis
 Steeleco Mfg Co 3418 Gratiot St St Louis 3 Mo
 Stonhard Co 1396 Spring Garden Philadelphia 23 Pa
 Sullivan Co The 212 E Trigg Memphis Tenn
 Trover Driveway Service 2157 S Park Ave Buffalo 20 NY
 Truscon Laboratories Div Devoe & Reynolds Co Inc Caniff at Grand Trunk Ry Detroit 11 Mich
 Valpar Corp 11 E 36th St New York 16 NY
 Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Vorac Co 147 Meadow Rd Rutherford NJ
 Wilbur & Williams Co 130 Lincoln St Boston 35 Mass

▶ PAINTS, ASPHALT

Abesto Mfg Corp 131 Wabash St Michigan City Ind
 Akron Paint & Varnish Co 1390 Firestone Pkwy Akron 1 Ohio
 American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
 American Varnish Co 1140 N Branch St Chicago 22 Ill
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Barreled Sunlight Paint Co 12 Dudley St Providence 1 RI
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 Bonafide Mills Inc 295 Fifth Ave New York NY
 Breinig Bros 1st & Harrison Hoboken NJ
CALBAR PAINT & VARNISH CO 2612-26 N MARTHA PHILADELPHIA 23 PA
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
 Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill
CERTAIN-TEED PRODS CORP 126 E LANCASTER AVE ARDMORE PA
 Cheeseman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
 Chicago Bronze & Color Works 2673 W Grand Ave Chicago 12 Ill
 Chi-Namel Paint & Varnish Co 1101 Third St S Minneapolis Minn
 Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
 Coopers Creek Chemical Corp River Road W Conshohocken Pa
 Dad & Lad Co New Lenox Ill
 Devoe & Reynolds Co Inc 787 First Ave New York 17 NY
 Dixon Crucible Co 167 Wayne St Jersey City 3 NJ
 DuPont de Nemours (E I) & Co Inc 1907 Market St Wilmington 98 Del
 Elliott Paint & Varnish Co 4523 Fifth Ave Chicago 24 Ill
 Evercrete Corp 424 W 42nd St New York 18 NY
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 30 NY
 Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill
 Forman-Ford & Co 111 E Second St Minneapolis Minn
 Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa

Foy Paint Co Inc 1776 Mentor Ave Cincinnati 12 Ohio
 Gibson-Homans Co 2366 Woodhill Rd Cleveland 8 Ohio
GLIDDEN CO BEEBA RD & MADISON CLEVELAND 2 OHIO
 Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
 Harbil Mfg Co 325 W Ohio Chicago 10 Ill
 Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill
 Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
 Illinois Bronze Powder Co Inc 2923 S Clark St Chicago 16 Ill
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
 Johnson (R F) Paint Co 3925 Huston Ave Cincinnati 12 Ohio
 Kyanize Paints Inc 2nd & Boston Sta Everett 49 Mass
 Lastik Prods Co Inc 203 Iniquis Bldg Pittsburgh 13 Pa
 Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa
 Lebon Co Madison at 25th Av Bellwood Ill
 Logan-Long Co 6600 S Central Ave Chicago 38 Ill
 Lucas (John) & Co Inc 1619 Penn Blvd Philadelphia Pa
 Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
 Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
MILDOWS (W R) INC 2 KIMBALL ELGIN ILL
 Merkin (M J) Paint Co Inc 1441 Broadway New York 18 NY
 Mobile Paint Mfg Co PO Box 1686 Mobile Ala
 Monarch Paint Co 3400 S Washington Peoria 6 Ill
 Murphy Paint Div Interchemical Corp 224 McWhorter St Newark NJ
 National Mfg Corp 3343 Flanagan St Tonawanda NY
 O'Brien Corp 101 N Johnson St South Bend 21 Ind
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Pabco Prods Inc 475 Brannan St San Francisco Calif
 Parker (Ira) & Sons Oshkosh Wis
 Pecora Paint Co Inc 4th St & Rdr RR Philadelphia 40 Pa
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Quigley Co Inc 527 Fifth Ave New York 17 NY
 Rockford Paint Mfg Co 200 Sayre St Rockford Ill
 Rohloff & Co 918 N Western Ave Hollywood 29 Calif
RUBEROID CO 500 5TH AVE NEW YORK 36 NY
 Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
 Sika Chemical Corp 35 Gregory Ave Passaic NJ
 Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
 Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis
 Standard Industrial Products 1500 Park St Evanville 4 Ind
 Steeleco Mfg Co 3418 Gratiot St St Louis 3 Mo
 Truscon Laboratories Div Devoe & Reynolds Co Caniff at Grand Trunk Ry Detroit 11 Mich
 Tuferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 Tuffalt Inc 137 Bauman St Pittsburgh 10 Pa
 Twentieth Century Paint & Varnish Corp 456 Driggs Ave Brooklyn 11 NY
 United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa
 Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Weatherguard Service Inc 564 Jackson Ave New York 55 NY
 Wilbur & Williams Co 130 Lincoln St Boston 35 Mass

▶ PAINTS, AWNING

American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
 Astrup Co 2937 W 25th St Cleveland 13 Ohio
CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
 Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
 Goss (J C) Co 2941 E Jefferson Detroit 7 Mich
 Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
 Industrial Canvas Prods Corp 15-25 Flax St Delaware Ohio
 Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA

▶ PAINTS, CEMENT

American Fluoresit Co 4011 Red Bank Rd Cincinnati 27 Ohio
 American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
AMERICAN STA-DRI CO 4019 38TH ST BRENTWOOD MD
 Armor Laboratories Inc Commercial & Doran Condale 3 Calif
 Breinig Bros 1st & Harrison Hoboken NJ
 Burdial (A) Co 298 W Georgia St Indianapolis Ind
CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
 Carbola Chemical Co 46 Harris Rd Natural Bridge NY
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Carolina Perlite Co PO Box 158 Salisbury NC
 Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
 Ceresit Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill
CERTAIN-TEED PRODS CORP 126 E LANCASTER AVE ARDMORE PA
 Cheeseman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
 Chi-Namel Paint & Varnish Co 1101 Third St S Minneapolis Minn
 Claronex Prods Inc 239 Java Brooklyn 22 NY
COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH
 Concor Co 4550 Main St Kansas City Mo
 Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
 Devoe & Reynolds Co Inc 787 First Ave New York 17 NY
 Dodson Mfg Co Inc 1463 Barwise Wichita Kan
 DuPont de Nemours (E I) & Co Inc 1907 Market St Wilmington 98 Del
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
 Foy Paint Co Inc 1776 Mentor Ave Cincinnati 12 Ohio
 Gillespie Varnish Co Dey & Howell Sts Jersey City 6 NJ
 Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
 Haynes Prods Co 4007 Farnam St Omaha 3 Neb
 Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill
 Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
 Illinois Bronze Powder Co Inc 2923 S Clark St Chicago 16 Ill
 Johnson (R F) Paint Co 3925 Huston Ave Cincinnati 12 Ohio
 Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
 Kyanize Paints Inc 2nd & Boston Sta Everett 49 Mass
 Lowe Bros 436 E 3rd St Dayton 2 Ohio
 Lucas (John) & Co Inc 1619 Penn Blvd Philadelphia Pa
 Made-Rite Prods Inc 2410 S 7th St St Louis Mo
 Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
 Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
 Master Builders Co 7016 Euclid Ave Cleveland 3 Ohio
 Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md
 Merkin (M J) Paint Co Inc 1441 Broadway New York 18 NY
 Mobile Paint Mfg Co PO Box 1686 Mobile Ala
 Moore Benjamin & Co 511 Canal St New York 13 NY
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 O'Brien Corp 101 N Johnson St South Bend 21 Ind
 Peaslee-Gaubert Paint & Varnish Co 223 N 15th St Louisville Ky
 Penetone Co The 74 Hudson Ave Tenafly NJ
 Penn Crete Prods Co 29th & Lippincott Sts Philadelphia 32 Pa
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
 Pyramid Co 433 Maple Ave Downers Grove Ill
 Rockford Paint Mfg Co 200 Sayre St Rockford Ill
 Rox Prods Co 9930 Freeland Detroit 27 Mich
 Sika Chemical Corp 35 Gregory Ave Passaic NJ
 Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis
 Spurgeon (N B) Co 29 N Wacker Dr Chicago 6 Ill
 Super Concrete Emulsions 1372 E 15th Los Angeles 21 Calif
 Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
 Tuferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Vorac Co 147 Meadow Rd Rutherford NJ
 Wesco Waterpaint Co 742 Grayson St Berkeley 10 Calif
 Wilbur & Williams Co 130 Lincoln St Boston 35 Mass

Here's that **extra space**
home buyers are demanding... at garage construction cost



made possible by the weathertight
construction and easy operation of

THE
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TRADE MARK
RESIDENTIAL • COMMERCIAL • INDUSTRIAL

Workshop, playroom, laundry space, storage area—
plus complete car protection—at half the cost of a family
room in the home! With The "OVERHEAD DOOR," you
can give buyers more for the money, keep homes priced
for the market. This "extra room" will be only as
weathertight as the garage door you choose, only as
convenient as the garage door is to open and close. So
buy the *best* door, famous for 34 years! Expertly in-
stalled, promptly serviced, relieving the builder of *all*
responsibility!

**For Utmost Convenience—
the ULTRONIC Door Opener!**

A button on the car dash unlocks and opens door,
turns on lights, closes—or *stops*—the door, turns off
lights. Priced less than many other household appli-
ances. A terrific selling feature!

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Hartford City, Indiana

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A COMPLETE LINE OF DOORS — A COMPLETE PRICE RANGE!

*Special trim for standard doors gives a deluxe look
at small extra cost! Easy to paint before applying!* ↓

Distributors in All Principal Cities—See Your Classified Directory



1. Styling leadership—Whatever the orientation on a lot, Modern Homes have the look of smartness and quality that only full-time architectural development can achieve. The low, long look, the low-pitched roof with its wide overhang are now Modern trade-marks.



How the best materials help bring you
quality – and volume profits!



2. Exclusive features—Modern Homes' Research and Product Development Department has introduced entirely new sales-sparking features to residential building—including the widely heralded power-operated windows, acoustical ceilings, Klear-Span steel floor system.



3. Quality emphasis—Modern Homes are designed for quality builders... fabricated with precision, of the finest materials. To help the builder follow through with this quality emphasis, Modern helps train erection crews, helps plan sites, helps achieve effective color styling.



4. Advertising appeals—In *Living for Young Homemakers*, *Better Homes and Gardens*, and *Small Homes Guide*, Modern Homes advertising is designed to add the powerful sales-extra of prestige—the reputation for excellence that influences discriminating buyers.

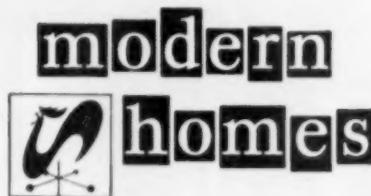


5. Open House promotion—With newspaper mats, radio and TV scripts, signs, photographs, displays, and quality literature, Modern Homes helps the franchised builder-dealer make Modern's styling, features, and quality pay off in profitable volume sales.

Many factors contribute to Modern Homes quality. To you, as a builder interested in high quality standards, all of them are important. Take just one—building materials:

You realize, of course, that there are savings in volume purchase. You know that many savings are passed on to you. *But these savings also permit us to use materials of only the highest quality.* The opportunity to do this isn't exclusive with us; the degree to which we do it is.

This, and other factors briefly described on the left, add up to the quality builder's greatest opportunity to please his most discriminating buyers—while as much as tripling his profits through volume! *Modern Homes Corporation, 14507 West Warren Avenue, Dearborn, Michigan.*



*Modern Homes Corporation
 Dearborn, Michigan • Port Jervis, New York*

▶ PAINTS, COLDWATER & CASEIN

Alabastine Paint Prods 2629 Grand Ave Chicago 12 Ill
American Fluoresit Co 4011 Red Bank Rd Cincinnati 27 Ohio
American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
Burdal (A) Co 208 W Georgia St Indianapolis Ind
CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
Chicago Bronze & Color Works 2673 W Grand Ave Chicago 12 Ill
Chi-Namel Paint & Varnish Co 1101 Third St S Minneapolis Minn
Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
Felton Sibley & Co Inc 136 N 4th St Philadelphia 6 Pa
Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
Gillespie Varnish Co Dey & Howell Sts Jersey City 6 NJ
GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
Harbil Mfg Co 325 W Ohio Chicago 10 Ill
Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill
Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
Kleen-Kote Co 601 W 80th St Chicago 20 Ill
Lando-Rite Prods Inc 2410 S 7th St St Louis 14 Mo
Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
Mobile Paint Mfg Co PO Box 1686 Mobile Ala Moore (Benjamin) & Co 511 Canal St New York 13 NY
Muralo Co Inc 572 Richmond Ter Staten Island NY
National Casein Sales 601 W 80th St Chicago 20 Ill
National Chemical & Mfg Co 3617 S May St Chicago 9 Ill
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
Paten Iron & Sons Oshkosh Wis
Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 11 Mo
Pioneer Mfg Co 3053 E 87th St Cleveland 4 Ohio
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Reardon Co 7501 Page Ave St Louis 14 Mo
Sargent-Gerke Co 323 W 15th Indianapolis 6 Ind
Seidlitz Paint & Varnish Co 18th & Garfield Sts Kansas City 10 Mo
Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
Spurgeon (N B) Co 29 N Wacker Dr Chicago 6 Ill
Standard Industrial Prods Inc 1500 Park St Evansville 4 Ind
Standard-Toch Chemicals Inc 2600 Richmond Ter Staten Island NY
Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
Wesco Waterpaint Co 742 Grayson St Berkeley 10 Calif
Wesco Waterpaints Inc Maple St Matteson Ill
Wilbur & Williams Co 130 Lincoln St Boston 35 Mass

▶ PAINTS, CONCRETE, BRICK, STUCCO

Aeme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich
Akron Paint & Varnish Co 1390 Firestone Pkwy Akron 1 Ohio
Alabastine Paint Prods 2629 Grand Ave Chicago 12 Ill
American Fluoresit Co 4011 Red Bank Rd Cincinnati 27 Ohio
American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
AMERICAN STA-DRI CO 4019 38TH ST BRENTWOOD MD
American Varnish Co 1140 N Branch St Chicago 22 Ill
Arco Co 7301 Bessemer Cleveland 4 Ohio
Armor Laboratories Inc Commercial & Doran Glendale 3 Calif
Arnesto Paint Co Inc 550 W 46th St New York 19 NY
Barreled Sunlight Paint Co 12 Dudley St Providence 1 RI
Beautex Plaster Mfg Co 13th & Buttonwood St Lebanon Pa
Blue Ridge Tale Co Inc Henry Va
Briggs-Maroney Co Inc 85 Paris St Everett 49 Mass
Builders Prods 105 W Adams St Chicago 3 Ill
Burdal (A) Co 208 W Georgia St Indianapolis Ind
CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS

CALBAR PAINT & VARNISH CO 2612-26 N MARTHA PHILADELPHIA 25 PA
Carter-Waters Corp 2440 Penway Kansas City 4 Mo
Celadri Corp of New York 14 Newbridge Rd Hicksville LI NY
Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
Cerest Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
Cheseman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
Chicago Bronze & Color Works 2673 W Grand Ave Chicago 12 Ill
Chicago Paints Inc 4500 W 14th Chicago 23 Ill
Chi-Namel Paint & Varnish Co 1101 Third St S Minneapolis Minn
Coddington (E D) Mfg Co 5024 N 37th St Milwaukee 9 Wis
COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH
Concor Co 4550 Main St Kansas City Mo
Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
Devco & Reynolds Co Inc 3632 Woodward Ave Detroit 1 Mich
Devco & Reynolds Co Inc 787 First Ave New York 17 NY
Dixon Crucible Co 167 Wayne St Jersey City 3 NJ
Dugan Stone Patcher & Stain Prods 8115 Kenwood Ave Chicago 19 Ill
DuPont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del
Elliott Paint & Varnish Co 4523 Fifth Ave Chicago 24 Ill
Empire Varnish Co 2636 E 76th St Cleveland 4 Ohio
Evercrete Corp 424 W 42nd St New York 18 NY
Felton Sibley & Co Inc 136 N 4th St Philadelphia 6 Pa
Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
Fox (M Ewing) Co Inc 136th St & Rider Ave New York 51 NY
Foy Paint Co Inc 1776 Mentor Ave Cincinnati 12 Ohio
General Paint Corp 2627 Army Street San Francisco Calif
Gillespie Varnish Co Dey & Howell Sts Jersey City 6 NJ
GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
Globe Paint Works Inc 202 Market St Wilhamsport 5 Pa
Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
Harbil Mfg Co 325 W Ohio Chicago 10 Ill
Hoboken Lead & Color Works Inc 15th & Adams St Hoboken NJ
Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill
Horn (A C) Co Inc 252 Townsend St San Francisco Calif
Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
Illinois Bronze Powder Co Inc 2023 S Clark St Chicago 16 Ill
Johnson (R F) Paint Co 3925 Weston Ave Cincinnati 12 Ohio
Kay-Tite Co 19 White St Hight Orange NJ
Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
Kleen-Kote Co 601 W 80th St Chicago 20 Ill
Kyanize Paints Inc 2nd & Boston Sts Everett 49 Mass
Lasting Prods Co Franklinton Rd Baltimore 23 Md
Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Lowebe Co Inc 1525 E 53rd St Chicago 15 Ill
Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
Masonry Waterproofing Co Inc Box 1061 North Sta Arlington 7 Va
Masury (John W) & Son Inc 1700 Bayard St Baltimore 39 Md
Medusa Portland Cement Co 1000 Midland Bldg Cleveland 13 Ohio
Merkin (M J) Paint Co Inc 1441 Broadway New York 18 NY
Minnesota Paints Inc 1101 Third St Minneapolis Minn
Mobile Paint Mfg Co PO Box 1686 Mobile Ala Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio
Moore (Benjamin) & Co 511 Canal St New York 13 NY
Muralo Co Inc 572 Richmond Ter Staten Island NY
Murphy Paint Div Interchemical Corp 224 McWhorter St Newark NJ
National Casein Sales 601 W 80th St Chicago 20 Ill
National Chemical & Mfg Co 3617 S May St Chicago 9 Ill
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
National Mfg Corp 3343 Flanagan St Tonnawanda NY
O'Brien Corp 101 N Johnson St South Bend 21 Ind

Patterson-Sargent Co 1325 E 38th St Cleveland 14 Ohio
Pecora Paint Co Inc 4th St & Rdg RR Philadelphia 40 Pa
Peerless Cement Corp 1144 Free Press Bldg Detroit 26 Mich
Penetone Co The 74 Hudson Ave Tenafly NJ
Penn Crete Prods Co 20th & Lippincott St Philadelphia 32 Pa
Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 11 Mo
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Preservative Paint Co 5410 Airport Way Seattle 8 Wash
Prima Prods Inc 10 E 40th St New York NY
Pyramid Co 433 Maple Ave Downers Grove Ill
Quigley Co Inc 527 Fifth Ave New York 17 NY
Reardon Co 7501 Page Ave St Louis 14 Mo
Roband Prods Co Van Wert Ohio
Rockford Paint Mfg Co 200 Sayre St Rockford Ill
SEDDON CO 1526 WOOSTER RD CLEVELAND 16 OHIO

SED-N-SEAL
SEALS & BEAUTIFIES CONCRETE OR MASONRY WALLS
SED-N-COTE
LASTING, COLORFUL WEATHER PROTECTION
THE SEDDON COMPANY
1526 WOOSTER RD., CLEVELAND 16, O.

Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
Smooth-On Mfg Co 574 Communipaw Jersey City 4 NJ
Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis
Standard Dry Wall Prods Inc 77 Hudmont St New Eagle Pa
Standard Industrial Prods Inc 1500 Park St Evansville 4 Ind
Steelote Mfg Co 3418 Gratiot St St Louis 3 Mo
Stonhard Co 1306 Spring Garden Philadelphia 19 Pa
Sullivan Co The 212 E Trigg Memphis Tenn
Super Concrete Emulsions 1372 E 15th Los Angeles 21 Calif
Surface Protection Co 10709 Euclid Ave Cleveland 12 Ohio
Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
Tamm Mfg Co 8701 Kinman Rd Cleveland Ohio
TRINITY PORTLAND CEMENT DIV GENERAL PORTLAND CEMENT CO 111 W MONROE ST CHICAGO ILL
Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY
Tuscon Laboratories Div Devco & Reynolds Co Caniff at Grand Trunk Ry Detroit 11 Mich
Tufferco Co Inc 552 Teahout Bldg Des Moines 9 Iowa
Twentieth Century Paint & Varnish Corp 456 Briggs Ave Brooklyn 11 NY
United Laboratories Inc 16801 Euclid Ave Cleveland 12 Ohio
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
VITA-Var Corp 10 Commerce Ct Newark NJ
Vorce Co 147 Meadow Rd Rutherford NJ
Wesco Waterpaint Co 742 Grayson St Berkeley 10 Calif
Wilbur & Williams Co 130 Lincoln St Boston 35 Mass
Central Paint and Varnish Wks 59 Prospect St Brooklyn 1 NY
Unexcelled Chemical Corp 350 Fifth Ave New York 1 NY

▶ PAINTS, DRY KILN

American Varnish Co 1140 N Branch St Chicago 22 Ill
Barreled Sunlight Paint Co 12 Dudley St Providence 1 RI
Black Cat Corp West Laurel Ave Hattiesburg Miss
Breinig Bros 1st & Harrison Hoboken NJ
Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
Devco Mfg Corp 424 W 42nd St New York 36 NY
Harbil Mfg Co 325 W Ohio Chicago 10 Ill
Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
Mobile Paint Mfg Co PO Box 1686 Mobile Ala Moore Dry Kiln Co 1220 W State St Jacksonville Fla

Murphy Paint Div Interchemical Corp 224 McWhorter St Newark NJ
Parker (Ira) & Sons Oakbrook Wis
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Quigley Co Inc 527 Fifth Ave New York 17 NY
Tremco Mfg Co 8701 Kinsman Rd Cleveland Ohio
Wilbur & Williams Co 130 Lincoln St Boston 35 Mass

▶ PAINTS, FUNGUS REPELLING

American-Marietta Co Valdura Div 101 E Ontario St Chicago III
AMERICAN STA-DRI CO 4019 38TH ST BRENTWOOD MD
Barreled Sunlight Paint Co 12 Dudley St Providence 1 RI
CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
Cheeseman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
Chicago Paints Inc 4500 W 14th Chicago 23 III
Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
Devoe & Reynolds Co Inc 787 First Ave New York 17 NY
Dixon Crucible Co 167 Wayne St Jersey City 3 NJ
Elliott Paint & Varnish Co 4523 Fifth Ave Chicago 24 III
Ensign Prods Co 3528 E 76th St Cleveland 5 Ohio
GLIDDEN CO BEEBA RD & MADISON CLEVELAND 2 OHIO
Globe Paint Works Inc 202 Market St Williamsport 5 Pa
Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
Haynes Prods Co 4007 Farnam St Omaha 3 Neb
Horn (A C) Co Inc Tenth St & 44th Long Island City 1 NY
Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Mass & Waldstein 2121 McCarter Newark 4 NJ
Martin-Senour Co 2520 S Quarry St Chicago 8 III
Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md
Merk (M J) Paint Co Inc 1441 Broadway New York 18 NY
Meta-Kote Corp 517 Gardner Bldg Toledo 14 Ohio
Mobile Paint Mfg Co PO Box 1686 Mobile Ala
National Mfg Corp 3343 Flanagan St Tonawanda NY
O'Brien Corp 101 N Johnson St South Bend 21 Ind
Patterson-Sargent Co 1325 E 38th St Cleveland 14 Ohio
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Quigley Co Inc 527 Fifth Ave New York 17 NY
Rockford Paint Mfg Co 200 Sayre St Rockford III
Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo
Truscen Laboratories Div Devoe & Reynolds Co Caniff at Grand Trunk Ry Detroit 11 Mich
Vita-Var Corp 10 Commerce Ct Newark NJ
Wilbur & Williams Co 130 Lincoln St Boston 35 Mass

▶ PAINTS, HEAT RESISTANT

Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY

▶ PAINTS, INTERIOR & EXTERIOR, LATEX

CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
GLIDDEN CO BEEBA RD & MADISON CLEVELAND 2 OHIO

▶ PAINTS, OIL

Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich
Akron Paint & Varnish Co 1390 Firestone Pkwy Akron 1 Ohio
Alabastine Paint Prods 2629 Grand Ave Chicago 12 III
American-Marietta Co Valdura Div 101 E Ontario St Chicago III
Aron Co 7301 Resomer Cleveland 4 Ohio
Armstrong Paint & Varnish Works 1330 S Kilbourn Chicago 23 III

Arnesto Paint Co Inc 550 W 46th St New York 18 NY
Barreled Sunlight Paint Co 12 Dudley St Providence 1 RI
Berry Bros Inc 211 Leib St Detroit 7 Mich
Bradley & Vrooman Co 2629 S Dearborn Chicago 16 III
Breinig Bros Int & Harrison Hoboken NJ
Burdal (A) Co 208 W Georgia St Indianapolis Ind
CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
Cheeseman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
Chicago Paints Inc 4500 W 14th Chicago 23 III
Chi-Name! Paint & Varnish Co 1101 Third St S Minneapolis Minn
Claronex Prods Inc 239 Java Brooklyn 22 NY
Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
Devoe & Reynolds Co Inc 787 First Ave New York 17 NY
Dixon Crucible Co 167 Wayne St Jersey City 3 NJ
Dolphin Paint & Varnish Co 922 Locust St Toledo 3 Ohio
Dupont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del
Elliott Paint & Varnish Co 4523 Fifth Ave Chicago 24 III
Enterprise Paint Mfg Co 2841 S Ashland Chicago III
Felton Sibley & Co Inc 136 N 4th St Philadelphia 6 Pa
Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
Forman-Ford & Co 111 E Second St Minneapolis Minn
Foy Paint Co Inc 1776 Mentor Ave Cincinnati 12 Ohio
Fuller (W P) & Co 301 Mission St San Francisco 19 Calif
General Paint Corp 2627 Army Street San Francisco Calif
Gillespie Varnish Co Dey & Howell Sts Jersey City 6 NJ
Glastic Corp N Kansas City 16 Mo
Glidden Co The 1833 S Normal Chicago III
GLIDDEN CO BEEBA RD & MADISON CLEVELAND 2 OHIO
Globe Paint Works Inc 202 Market St Williamsport 5 Pa
Grand Rapids Varnish Corp 1350 Steele Ave SW Grand Rapids 2 Mich
Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
Harbil Mfg Co 325 W Ohio Chicago 10 III
Harrison Paint & Varnish Co 1329 Harrison SW Canton 1 Ohio
Hoboken Lead & Color Works Inc 15th & Adams St Hoboken NJ
Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 III
Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
Indianapolis Paint & Color Co 640 N Capitol Ave Indianapolis 6 Ind
Jewel Paint & Varnish Co 345 N Western Chicago III
Johnson (R F) Paint Co 3925 Huston Ave Cincinnati 12 Ohio
Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
King (E & F) & Co Inc 640 Pleasant St Norwood Mass
Kurpees Paint Co 201 E Market Louisville Ky
Kyanize Paints Inc 2nd & Boston Sts Everett 40 Mass
Lasting Prods Co Franklinton Rd Baltimore 23 Md
Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa
Lieblich (G J) & Co 931 N Ogden Ave Chicago 22 III
Linsced Oil Prods Co 1107 S Fremont Ave Alhambra Calif
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Lucas (John) & Co Inc 1619 Penn Blvd Philadelphia Pa
Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
Martin-Senour Co 2520 S Quarry St Chicago 8 III
Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md
McMurtry Mfg Co 1533 Arapahoe Denver Colo
Merkin (M J) Paint Co Inc 1441 Broadway New York 18 NY
Minnesota Paints Inc 1101 Third St Minneapolis Minn
Mobile Paint Mfg Co PO Box 1686 Mobile Ala
Monarch Paint Co 3400 S Washington Peoria 6 III
Moore (Benjamin) & Co 511 Canal St New York 13 NY
Murlco Co Inc 572 Richmond Ter Staten Island NY
Murphy Paint Div Interchemical Corp 224 McWhorter St Newark NJ
National Lead Co 111 Broadway New York 6 NY
National Mfg Corp 3343 Flanagan St Tonawanda NY
Nu-Enamel Corp 444 N Lake Shore Dr Chicago 3 III
O'Brien Corp 101 N Johnson St South Bend 21 Ind

Pabeo Prods Inc 475 Brannan St San Francisco Calif
Patterson-Sargent Co 1325 E 38th St Cleveland 14 Ohio
Peaslee-Gaulbert Paint & Varnish Co 223 N 15th St Louisville Ky
Pecora Paint Co Inc 4th St & Rdg RR Philadelphia 4 Pa
Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 31 Mo
Pioneer Mfg Co 3053 E 87th St Cleveland 4 Ohio
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Pontiac Varnish Co 30 Brush St Pontiac 12 Mich
Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
Preservative Paint Co 5410 Airport Way Seattle 8 Wash
Rockford Paint Mfg Co 200 Sayre St Rockford III
St Louis Surfer & Paint Co 4210 Arlington Ave St Louis 20 Mo
Sapolin Paints Inc 229 E 42nd St New York 17 NY
Sargent-Gerke Co 323 W 15th Indianapolis 6 Ind
Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich
Selditz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
Seall Paint & Varnish Co 1009-11 W 8th St Kansas City Mo
Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
Standard Industrial Prods Inc 1500 Park St Evansville 4 Ind
Standard-Toch Chemicals Inc 2600 Richmond Ter Staten Island NY
Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo
Sullivan Co The 212 E Trigg Memphis Tenn
Toch Bros 2600 Richmond Ter Staten Island NY
Tremco Mfg Co 8701 Kinsman Rd Cleveland Ohio
Truscen Laboratories Div Devoe & Reynolds Co Caniff at Grand Trunk Ry Detroit 11 Mich
Twentieth Century Paint & Varnish Co 456 Driggs Ave Brooklyn 11 NY
Valpar Corp 11 E 36th St New York 16 NY
Vita-Var Corp 10 Commerce Ct Newark NJ
Wardsworth Howland & Co 141 Federal Boston
Watson (Geo E) Co 417 S Wabash Ave Chicago III
Wethrill (George D) & Co Inc 113 Arch St Philadelphia 6 Pa
Wilbur & Williams Co 130 Lincoln St Boston 35 Mass
Williams (A) Co Div Glidden Co Third & Bern Sts Reading Pa
Wooster Finishes Corp Wooster Ohio

▶ PAINTS, PITCH BASE

Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY

▶ PAINTS, PLASTER

American-Marietta Co Valdura Div 101 E Ontario St Chicago III
Bro-Ca-Do Inc 2841 S Ashland Chicago III
Central Paints & Varnish Works 59 Prospect St Brooklyn 1 NY
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
Cheeseman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
Chi-Name! Paint & Varnish Co 1101 Third St S Minneapolis Minn
Concor Co 4550 Main St Kansas City Mo
Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
Dupont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del
Enterprise Paint Mfg Co 2841 S Ashland Chicago III
Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
Foy Paint Co Inc 1776 Mentor Ave Cincinnati 12 Ohio
Glastic Corp N Kansas City 16 Mo
Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
Johnson (R F) Paint Co 3925 Huston Ave Cincinnati 12 Ohio
Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
Kyanize Paints Inc 2nd & Boston Sts Everett 40 Mass
Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Lowebe Inc 1525 E 53rd St Chicago 15 III
Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
Martin-Senour Co 2520 S Quarry St Chicago 8 III
Mobile Paint Mfg Co PO Box 1686 Mobile Ala

Designed to
step up the
sales value
of your
houses...

RUSSWIN

**"ALL-STAR"
BUILDERS'
HARDWARE**

Smart styling, smooth operation plus uniformly-high quality of materials, workmanship and finishes are features of the "All-Star" line that make a hit with prospective home owners, fussy or otherwise. What's more, the 116 year old reputation of Russwin as a leading brand of hardware makes a favorable impression too. These "All-Star" features help to make houses worth more . . . sell faster.

Other advantages to builders include: choice of two lock lines; selection of designs and finishes; ease of installation; long service life; uniform sizes and packaging; concentrated responsibility; and dependable deliveries. *The ultimate result . . .* Russwin "All-Star" builders' hardware is proving the *economy* of quality for builders and their customers alike. Russell & Erwin Division, The American Hardware Corporation, New Britain, Conn.



1 "STILEMANOR" STANDARD DUTY LOCKS AND LATCHES — Precision-made locks and latches for fine residential homes and light commercial construction. Easily installed. Made in wrought or cast brass, bronze and aluminum for all popular functions.

2 "HOMEGARD" RESIDENTIAL LOCKS AND LATCHES — Attractive, low cost "Homegard" Locks and Latches offer several features found in higher-priced lines. Available in wrought brass, bronze or aluminum for five popular functions.

3 PRESSURE-CAST ALUMINUM TRIM HARDWARE — For rust-resistant service — seven low cost, fast-moving items. Available in brass or aluminum finish.

4 SCREEN-STORM DOORWARE — Year 'round best sellers. Assortment includes two sturdy, air controlled closers in popular price range; de luxe liquid type closer; screen door catches in wrought brass or bronze.

5 MISCELLANEOUS SHELF HARDWARE — Popular assortment includes house numbers, letter box plates, floor hinge, bar and flush sash lifts, chain door fasteners, etc.

6 NIGHT LATCHES — A wide assortment. Sturdy latches feature exclusive ball bearing pin tumbler cylinders . . . priced for every pocketbook.

SINCE 1839
RUSSWIN
DISTINCTIVE HARDWARE

Monarch Paint Co 3409 S Washington Poria 6 Ill
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 National Mfg Corp 3343 Flanagan St Tonawanda NY
 Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 11 Mo
 Reaction Co 7501 Page Ave St Louis 14 Mo
 Super Concrete Emulsions 1372 E 15th Los Angeles 21 Cal
 Tams Industries Inc 228 N La Salle St Chicago 1 Ill
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Voraac Co 147 Meadow Rd Rutherford NJ
 Wesco Waterpaints Inc Maple St Matteson Ill
 Wilbur & Williams Co 130 Lincoln St Boston 35 Mass

▶ PAINTS, PLASTIC

American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
 Atlas Mineral Prods Co Mertztown Pa
 Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
 Chessman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
 Corrosite Corp 64 South Sixth St Brooklyn 11 NY
 Evercrete Corp 424 W 42nd St New York 18 NY
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
 Gilleanie Varnish Co Dey & Howell Sts Jersey City 6 NJ
 Hollingshead (R M) Corp 840 Cooper St Camden 2 NY
 Illinois Bronze Powder Co Inc 2023 S Clark St Chicago 16 Ill
 Kleen-Kote Co 601 W 80th St Chicago 20 Ill
 Mass & Waldstein 2121 McCarter Newark 4 NJ
 Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
 National Casein Sales 601 W 80th St Chicago 20 Ill
 Plymouth Co 2767 Tulare Ave Burbank Calif
 Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
 Standard Industrial Prods Inc 1500 Park St Evanville 4 Ind
 Super Concrete Emulsions 1372 E 15th Los Angeles 21 Calif
 Tams Industries Inc 228 N La Salle St Chicago 1 Ill
 Tennessee Fabricating Co 1490 Grimes St Memphis Tenn
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Voraac Co 147 Meadow Rd Rutherford NJ

▶ PAINTS, PROTECTIVE

Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY

▶ PAINTS, RUBBER BASE

American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
 Arco Co 7301 Bessemer Cleveland 4 Ohio
 Atlas Mineral Prods Co Mertztown Pa
 Bradley & Vrooman Co 2629 S Dearborn Chicago 16 Ill
 Burdall (A) Co 208 W Georgia St Indianapolis Ind
 Camp Co Inc 6958 S State Chicago 21 Ill
 Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
 Chessman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
 Chicago Paints Inc 4500 W 14th Chicago 23 Ill
 Chi-Name! Paint & Varnish Co 1101 Third St S Minneapolis Minn
 Concor Co 4550 Main St Kansas City Mo
 Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
 Devos & Reynolds Co Inc 3632 Woodward Ave Detroit 1 Mich
 Devos & Reynolds Co Inc 787 First Ave New York 17 NY
 Dupont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del
 Elliott Paint & Varnish Co 4523 Fifth Ave Chicago 24 Ill
 Ensign Prods Co 3528 E 76th St Cleveland 5 Ohio
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
 Foy Paint Co Inc 1776 Mentor Ave Cincinnati 12 Ohio
 General Paint Corp 2627 Army Street San Francisco Calif
 Glidden Co The 1833 S Normal Chicago Ill
 Globe Paint Works Inc 302 Market St Williamsport 5 Pa
 Grand Rapids Varnish Corp 1350 Steele Ave SW Grand Rapids 2 Mich
 Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
 Harrison Paint & Varnish Co 1328 Harrison SW Canton 1 Ohio

Haynes Prods Co 4007 Farnam St Omaha 3 Neb
 Horn (A C) Co Inc 252 Townsend St San Francisco Calif
 Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
 Jewel Paint & Varnish Co 345 N Western Chicago Ill
 Johnson (R F) Paint Co 3925 Huston Ave Cincinnati 12 Ohio
 Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
 Kleen-Kote Co 601 W 80th St Chicago 20 Ill
 Kyanize Paints Inc 2nd & Boston Sts Everett 49 Mass
 Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa
 Lowe Bros 436 E 3rd St Dayton 2 Ohio
 Mass & Waldstein 2121 McCarter Newark 4 NJ
 Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
 Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
 Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md
 Medusa Portland Cement Co 1000 Midland Bldg Cleveland 15 Ohio
 Merkin (M J) Paint Co Inc 1441 Broadway New York 18 NY
 Mobile Paint Mfg Co PO Box 1686 Mobile Ala
 Moore (Benjamin) & Co 511 Canal St New York 13 NY
 National Chemical & Mfg Co 3617 S May St Chicago 9 Ill
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 O'Brien Corp 101 N Johnson St South Bend 21 Ind
 Peaslee-Gaulbert Paint & Varnish Co 223 N 15th St Louisville Ky
 Penetone Co The 74 Hudson Ave Tenafly NJ
 Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa
 Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 11 Mo
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Preservative Paint Co 5410 Airport Way Seattle 8 Wash
 Quigley Co Inc 527 Fifth Ave New York 17 NY
 Ranette Mfg Co 1917 S Broadway St Louis 4 Mo
 Rockford Paint Mfg Co 200 Sayre St Rockford Ill
 Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
 Sapolin Paints Inc 229 E 42nd St New York 17 NY
 Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
 Spurgeon (N B) Co 29 N Wacker Dr Chicago 6 Ill
 Standard Industrial Products Inc 1500 Park St Evanville 4 Ind
 Steelsote Mfg Co 3418 Gratiot St St Louis 3 Mo
 Tremco Mfg Co 8701 Kinsman Rd Cleveland Ohio
 Troyer Driveway Service 2157 S Park Ave Buffalo 20 NY
 Truscon Laboratories Div Devos & Reynolds Co Caniff at Grand Trunk Ry Detroit 11 Mich
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Voraac Co 147 Meadow Rd Rutherford NJ
 Wesco Waterpaint Co 742 Grayson St Berkeley 10 Calif
 Wethrill (George D) & Co Inc 113 Arch St Philadelphia 6 Pa
 Wilbur & Williams Co 130 Lincoln St Boston 35 Mass

▶ PAINTS, SYNTHETIC RESIN

American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
AMERICAN STAF-DRI CO 4019 38TH ST BRENTWOOD MD
 Arnesto Paint Co Inc 550 W 46th St New York 19 NY
 Atlas Mineral Prods Co Mertztown Pa
 Barreled Sunlight Paint Co 12 Dudley St Providence 1 RI
 Burdall A Co 208 W Georgia St Indianapolis Ind
 Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
CERTAIN-TREED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Chessman-Elliott Co Inc 645 Kent Ave Brooklyn 11 NY
 Chicago Paints Inc 4500 W 14th Chicago 23 Ill
 Chi-Name! Paint & Varnish Co 1101 Third St S Minneapolis Minn
 Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
 Devos & Reynolds Co Inc 787 First Ave New York 17 NY
 DuPont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del

Elliott Paint & Varnish Co 4523 Fifth Ave Chicago 24 Ill
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
 Foy Paint Co Inc 1776 Mentor Ave Cincinnati 12 Ohio
GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
 Grand Rapids Varnish Corp 1350 Steele Ave SW Grand Rapids 2 Mich
 Hanna Paint Mfg Co 95 W Long Columbus 16 Ohio
 Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
 Illinois Bronze Powder Co Inc 2023 S Clark St Chicago 16 Ill
 Jewel Paint & Varnish Co 345 N Western Chicago Ill
 Keystone Paint & Varnish Corp 71 Otsego St Brooklyn 31 NY
 Kleen-Kote Co 601 W 80th St Chicago 20 Ill
 Kyanize Paints Inc 2nd & Boston Sts Everett 49 Mass
 Lowe Bros 436 E 3rd St Dayton 2 Ohio
 Mass & Waldstein 2121 McCarter Newark 4 NJ
 Martin-Senour Co 2520 S Quarry St Chicago 8 Ill
 Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md
 Minnesota Platon Corp Platon Bldg Pipestone Minn
MIRACLE ADHESIVES CORP 214 E 53RD ST NEW YORK 22 NY
 Moor (Benjamin) & Co 511 Canal St New York 13 NY
 National Chemical & Mfg Co 3617 S May St Chicago 9 Ill
 National Mfg Corp 3343 Flanagan St Tonawanda NY
 O'Brien Corp 101 N Johnson St South Bend 21 Ind
 Pabeo Prods Inc 475 Brannan St San Francisco Calif
 Peaslee-Gaulbert Paint & Varnish Co 223 N 15th St Louisville Ky
 Phelan-Faust Paint Mfg Co 932 Loughborough St Louis 11 Mo
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Quigley Co Inc 527 Fifth Ave New York 17 NY
 Rockford Paint Mfg Co 200 Sayre St Rockford Ill
 Rubber & Plastics Compound Co 30 Rockefeller Plaza New York 20 NY
 Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
 Standard Industrial Prods Inc 1500 Park St Evanville 4 Ind
 Super Concrete Emulsions 1372 E 15th Los Angeles 21 Calif
 United Lacquer Mfg Corp 1001 W Elizabeth Linden NJ
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Valpar Corp 11 E 36th St New York 16 NY
 Verflex Sales Corp 115-117 Moonachie Carlstadt NJ
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Voraac Co 147 Meadow Rd Rutherford NJ
 Watson (Geo E) Co 417 S Wabash Ave Chicago 11 Ill
 Wesco Waterpaint Co 742 Grayson St Berkeley 10 Calif
 Wesco Waterpaints Inc Maple St Matteson Ill
 Wilbur & Williams Co 130 Lincoln St Boston 35 Mass

▶ PAINTS, TEXTURE

Acme Quality Paints Inc 8250 St Aubin Ave Detroit 11 Mich
 Alabastine Paint Prods 2629 Grand Ave Chicago 12 Ill
 American-Marietta Co Valdura Div 101 E Ontario St Chicago Ill
 Arco Co 7301 Bessemer Cleveland 4 Ohio
 Central Paint & Varnish Works 59 Prospect St Brooklyn 1 NY
CERTAIN-TREED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Chicago Paints Inc 4500 W 14th Chicago 23 Ill
 Coddington (E D) Mfg Co 5024 N 37th St Milwaukee 8 Wis
 Concor Co 4550 Main St Kansas City Mo
 Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
 Lowe Bros 436 E 3rd St Dayton 2 Ohio
 Lowbeon Inc 1525 E 63rd St Chicago 15 Ill
 Mass & Waldstein 2121 McCarter Newark 4 NJ
 Made-Rite Prods Inc 2410 S 7th St St Louis Mo
 Marietta Paint & Color Co Green & Acme Sts Marietta Ohio
 Masury (John W) & Son Inc 1700 Bayard St Baltimore 30 Md
 National Chemical & Mfg Co 3617 S May St Chicago 9 Ill
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PITTSBURGH PLATE GLASS CO 432 FORT DUQUENNE BLVD PITTSBURGH 22 PA
 Reardon Co 7501 Page Ave St Louis 14 Mo
 Rockford Paint Mfg Co 200 Bayre St Rockford Ill
 Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
 Standard Industrial Prods Inc 1500 Park St Evansville 4 Ind
 Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 4 ILL
 Verlex Sales Corp 115-117 Moonachie Carlstadt NJ
 Wesco Waterpaint Co 742 Grayson St Berkeley 10 Calif
 Wesco Waterpaints Inc Maple St Matteson Ill

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 Anderson-Tully Co PO Box 28 Memphis 10 Tenn
 Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
CORNOR LUMBER & LAND CO 231 THOMAS ST WAUHAU WIS
 Curtis Cos American Plywood Div New London Wis
FAIR (D L) LUMBER CO BOX 309 LOUISVILLE MISS
 Flack Jones Lumber Co Inc Moneys Corner SC Fordyce-Crossett Lumber Co Fordyce Ark
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
 Hardwood Corp of America PO Box 1091 Asheville NC
 Higgins Industries Inc PO Box 8169 New Orleans 22 La
 Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Miller Bros Co PO Box 540 Johnson City Tenn
 Miller & Co Inc Selma Ala
 National Plywoods Inc 2710 Throop St Chicago Ill
 Owen (R C) Co Hopkinsville Ky
 Phillips-Rhyme Lumber Co Inc PO Box 257 Brookhaven Miss
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
RODDE PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
 Rose (D M) & Co Rose Pl Knoxville 4 Tenn
 Sargeon (N B) Co 29 N Wacker Dr Chicago 6 Ill
 Texoak Flooring Co PO Box 480 Crockett Texas
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 Veach-May-Wilson Inc Alcoa Tenn
 Williams-Brownell Inc PO Box 1091 Asheville NC

▶ PANELWORK, SOFTWOOD

Aetna Plywood Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Arrow Tank Co Inc 16 Barnett St Buffalo 15 NY
 Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
 Brooks-Seaman Inc Box 1111 Bend Ore
CROSSSETT LUMBER CO CROSSSETT ARK
FAIR (D L) LUMBER CO BOX 309 LOUISVILLE MISS
 Fordyce Crossett Lumber Co Fordyce Ark
 Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
 Hardwood Corp of America PO Box 1091 Asheville NC
 Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
 M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Miller & Co Inc Selma Ala
 National Plywoods Inc 2710 Throop St Chicago Ill
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Southern Lumber Co PO Box 510 Warren Ark
 Southwood Corp PO Box 391 Fort Worth Texas
 Triplet Lumber Co Inc Box 738 Lenoir NC
 Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
 Union Lumber Co 620 Market St San Francisco Calif

Veach-May-Wilson Inc Alcoa Tenn
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 Williams-Brownell Inc PO Box 1091 Asheville NC

▶ PAPER, ASBESTOS

Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Ehret Magnesia Mfg Co Crawford & County Line Rd Valley Forge Pa
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
KEASBEY & MATTISON CO BUTLER AVE AMBLER PA
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Protective Papers Inc Union Ill
RUBEROID CO 500 5TH AVE NEW YORK 36 NY
 Standard Asbestos Mfg Co 860 W Evergreen Ave Chicago 22 Ill
 Union Rubber & Asbestos Co Allen & Donahue Trenton 6 NJ
 Wilson (Grant) Inc 141 W Jackson Blvd Chicago 4 Ill

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Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN SISALKRAFT CORP 55 STARKEY AVE ATTLEBORO MASS
ANGIER CORP FOUNTAIN ST FRAMINGHAM MASS
 Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BIRD & SON INC 47 WILSON ST E WALPOLE MASS
 Bonafide Mills Inc 295 Fifth Ave New York NY
 Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CERTAIN-FEED PRODS CORP 120 E LANCASTER AVE ARMORE PA
 Fleming & Sons Inc 1120 E Clarendon Dallas 8 Texas
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
 Globe Roofing Prods Co Inc 2207 Schrage Whiting Ind
 Globe Siding Prods Co 2207-51 Schrage Whiting Ind
 Hewitt (C B) & Bros Inc 23-25 Green St New York 13 NY
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
MEADOWS (W R) INC 2 KIMBALL ELGIN ILL
 National Plywoods Inc 2710 Throop St Chicago Ill
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Pabco Prods Inc 475 Brannan St San Francisco Calif
 Presatite Engineering Co 3900 Chouteau Ave St Louis 10 Mo
 Protective Papers Inc Union Ill
 Ralston (W) & Co Inc 177 St & Harlem River Bronx 53 NY
 Rauschenberger (John) Co 423 N Plankinton Milwaukee 1 Wis
 Richkraft Co 510 N Dearborn St Chicago 10 Ill
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
 Thilmany Pulp & Paper Co Thilmany Rd Kaukauna Wis
 Welt & Sons Paper Co 426 W Larned St Detroit 25 Mich

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ANGIER CORP FOUNTAIN ST FRAMINGHAM MASS
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BIRD & SON INC 47 WILSON ST E WALPOLE MASS
 Bonafide Mills Inc 295 Fifth Ave New York NY
CERTAIN-FEED PRODS CORP 120 E LANCASTER AVE ARMORE PA
 Hooking Paper & Supply Co 1301 Lake Ave Wilmette Ill
MEADOWS (W R) INC 2 KIMBALL ELGIN ILL
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo

Protective Papers Inc Union Ill
 Rauschenberger (John) Co 423 N Plankinton Milwaukee 1 Wis
 Richkraft Co 510 N Dearborn St Chicago 10 Ill
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
 Thilmany Pulp & Paper Co Thilmany Rd Kaukauna Wis

▶ PAPER, CONCRETE CURING

AMERICAN SISALKRAFT CORP 55 STARKEY AVE ATTLEBORO MASS
ANGIER CORP FOUNTAIN ST FRAMINGHAM MASS
 Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 Bonafide Mills Inc 295 Fifth Ave New York NY
 Hooking Paper & Supply Co 1301 Lake Ave Wilmette Ill
MEADOWS (W R) INC 2 KIMBALL ELGIN ILL
 Presatite Engineering Co 3900 Chouteau Ave St Louis 10 Mo
 Protective Papers Inc Union Ill
 Richkraft Co 510 N Dearborn St Chicago 10 Ill
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 Curtition Co 2227 Sawtelle Blvd W Los Angeles Calif
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HOUGH SHADE CORP 1293 S JACKSON ST JANESVILLE WIS
 International Steel Co 1321 Edgar St Evansville 7 Ind
NEW CASTLE PRODS CO BOX 353 NEW CASTLE IND
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 Blue Ridge Glass Corp Kingsport Tenn
CORRULUX DIV LIBBY-OWENS-FORD GLASS CO 410 HOLMES RD HOUSTON 25 TEXAS
LIBBY-OWENS-FORD GLASS CO 608 MADISON AVE TOLEDO 3 OHIO
 Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa
PITTSBURGH PLATE GLASS CO 432 FORT DUQUENNE BLVD PITTSBURGH 22 PA
 Plymold Co 2707 Tulare Ave Burbank Calif
 Rippolite Plastics Prods Inc 3910 Cohasset St Burbank Calif

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 Keller Prods Inc 41 Union St Manchester NH
 Petterson (J C) Corp 2227 N Chico Ave El Monte Calif
 US Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
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 Weber Showcase & Fixture Co 5700 Avalon Blvd Los Angeles 54 Calif

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 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Hauserman (E F) Co 6850 Grant Ave Cleveland 5 Ohio
 Martin-Parry Corp 1455 W Alexis Rd Toledo Ohio
 Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY
 Rigidized Metals Corp 658 Ohio St Buffalo 3 NY
 Steel Partitions Inc PO Box 807 Jamestown NY
 Virginia Metal Prods Inc Dept A-44 Orange Va
 Wagner Iron Works 1905 S 1st St Milwaukee 1 Wis
 Weber Showcase & Fixture Co 5700 Avalon Blvd Los Angeles 54 Calif
 Weis (Henry) Mfg Co 941 Oak St Elkhart Ind
 Wheeling Corrugating Co 1134 Market St Wheeling W Va

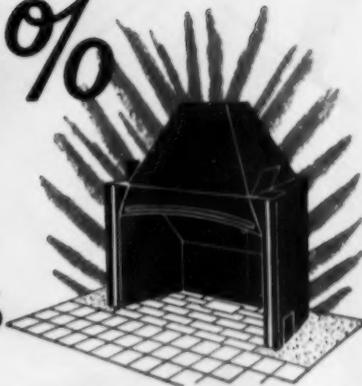
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 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
BIERSACH & NIEDERMEYER CO 1937 N HUBBARD MILWAUKEE WIS
 Carthage Marble Corp Carthage Mo
 Cyclone Fence Dept American Steel Wire Co US Steel Corp Box 260 Waukegan 1 Ill
FLAT METAL MFG CO 8301 W BELMONT AVE FRANKLIN PARK ILL
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO
 Petterson (J C) Corp 2227 N Chico Ave El Monte Calif
 Rippolite Plastics Prods Inc 3910 Cohasset St Burbank Calif
 Wagner Iron Works 1905 S 1st St Milwaukee 1 Wis
 Weis (Henry) Mfg Co 941 Oak St Elkhart Ind
WRIGHT MFG CO PO BOX 6547 HOUSTON 5 TEXAS

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 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
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CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Columbus Show Case Co 850 W 5th Columbus Ohio
CORRULUX DIV LIBBEY-OWENS-FORD GLASS CO 410 HOLMES RD HOUSTON 25 TEXAS
 Forest Fiber Prods Corp Box 68 Forest Grove Ore
 International Molded Plastics Inc 4387 W 35th St Cleveland 9 Ohio
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
 Keller Prods Inc 41 Union St Manchester NH
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Street

City

Number of fireplaces used in one year

Number of septic tanks used in one year

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good
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Miller (T R) Mill Co 402 Deer St Brewton Ala
National Tube Div US Steel Corp 525 William
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Combustion Engineering Inc 911 W Main St
Chattanooga Tenn
Crane Co 836 S Michigan Chicago 5 Ill
Eastern Foundry Co Boyertown Pa
Industrial Iron Works PO Box 4625 Portland
2 Ore
Medina Iron & Brass Co Medina NY
Western Foundry Co 2400 SW Water Ave
Portland 1 Ore
WOODWARD IRON CO WOODWARD ALA
Zurn (J A) Mfg Co Erie Pa

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American Vitriified Prods Co 701 National City
Cleveland 14 Ohio
Binghamton Brick Co Inc Binghamton NY
Bowerston Shale Co Box 1 Bowerston Ohio
California Pottery Co Niles Calif
Cannelton Sewer Pipe Co 4th & Washington
Cannelton Ind
Carey Brick Co 6558 W Fullerton Chicago Ill
Clark (N) & Sons Alameda Calif
Clay City Pipe Co Uhrichsville Ohio
Columbia Pipe Co Columbia SC
Dee Clay Prods Co Inc Bloomingdale Ind
Dennison Sewer Pipe Corp 3334 Prospect Ave
Cleveland 15 Ohio
Denver Sewer Pipe & Clay Co 4501 Fox St
Denver 1 Colo
Dickey (W S) Clay Mfg Co 607 Commerce
Trust Bldg Kansas City 6 Mo
Evans Pipe Co 23 Newport Ave Uhrichsville
Ohio
Evans & Howard Sewer Pipe Co 5200 Man-
chester Ave St Louis 10 Mo
Gagnon Clay Prods Co 526 S Broadway Green
Bay Wis
Gladding Bros Mfg Co Third & Keyes San
Jose 3 Calif
Gladding-McBean & Co 1275 Harrison St San
Francisco Calif
Interstate Brick Co 3100 S 11th E Salt Lake
City Utah
Iowa Pipe & Tile Co Des Moines Iowa

Junction City Clay Co The 3334 Prospect Ave
Cleveland 15 Ohio
Kaul Clay Mfg Co Spring St Box 128 Toronto
Ohio
Laclede Christy Co 2801 Hereford St St Louis
9 Mo
Lehigh Sewer Pipe & Tile Co Box 728 Fort
Dodge Iowa
Logan Clay Prods Co Logan Ohio
Lovell Clay Prods Co Lovell Wyo
NATIONAL CLAY PIPE MFRS INC 1520
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Oeones Clay Prods Co PO Box 262 Milledge-
ville Ga
Owensboro Sewer Pipe Co PO Box 276 Owens-
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geles Calif
Patton Clay Mfg Co Terra Cotta Ave Patton
Pa
Pomona Terra-Cotta Co Greensboro NC
Robinson Clay Prods Co 65 W State St Akron
9 Ohio
St Marys Clay Prods Co St Marys Pa
Stillwater Clay Prods Co 3334 Prospect Ave
Cleveland 15 Ohio
Streator Drain Tile Co Streator Ill
Superior Clay Corp Lock Drawer 352 Uhrichs-
ville Ohio
Texas Vitriified Pipe Co Box 111 Mineral Wells
Texas
Union Clay Mfg Corp Upper Broad Bingham-
ton NY
Universal Sewer Pipe Corp 1500 Union Com-
merce Bldg Cleveland 14 Ohio
Washington Brick & Lime Co Box 2198 Spo-
kane 10 Wash
What Cheer Clay Prods Co What Cheer Iowa
Wisconsin Face Brick & Supply 4485 N Green
Bay Milwaukee Wis

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Birmingham 1 Ala
Badger Corrugating Co 1801 West Ave S La
Crosse Wis
CECO STEEL PRODS CORP 5601 W 26TH
ST CHICAGO 50 ILL
CHASE BRASS & COPPER CO INC 236
GRAND ST WATERBURY 20 CONN
Cincinnati Sheet Metal & Roofing Co 230 E
Front St Cincinnati 2 Ohio
Hopson (W C) Co 216-220 Grandville Grand
Rapids Mich
Hussey (C G) & Co 2860 Second Ave Pitts-
burgh 19 Pa
INLAND STEEL PRODS CO 4111 W BURN-
HAM MILWAUKEE WIS
Klauer Mfg Co 9th & Washington Sts Du-
buque Iowa
La Crosse Steel Roofing Co 227 Jay St La
Crosse Wis
Lyon Conklin & Co Inc Race & McComas St
Baltimore 30 Md
METALBESTOS DIV WALLACE CO PO
BOX 127 BELMONT CALIF
New Orleans Roofing & Metal Co Cortez &
Orleans New Orleans La
Newport Steel Corp 9th & Lowell Sts New-
port Ky
Northwest Metal Prods Inc 55 Spokane St
Seattle 4 Wash
Penn Supply Metal Corp 1831 N Fifth St
Philadelphia 22 Pa
Quaker State Metals Co Manheim Pike at
City Bypass Lancaster Pa
Reeves Steel & Mfg Co 6 Iron Ave Dover Ohio
REYNOLDS METALS CO BUILDING PRODS
DIV 2001 E NINTH ST LOUISVILLE 1
KY
SAINT PAUL CORRUGATING CO S END
WABASHA ST ST PAUL 1 MINN
Tiffin Art Metal Co Box 807 Tiffin 16 Ohio
Wheeling Corrugating Co 1134 Market St
Wheeling W Va
York Corrugating Co Adams St & PRR York
Pa

PIPE, CULVERT, IRON & STEEL

Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
Armo Drainage & Metal Prods Inc 703 Curtis
St Middletown Ohio
Beall Pipe & Tank Corp 12005 N Burgard St
Portland 3 Ore
Eaton Metal Prods Corp 1301 Willis Ave
Omaha 2 Neb
Industrial Iron Works PO Box 4625 Portland
2 Ore
Newport Steel Corp 9th & Lowell Sts Newport
Ky
Republic Steel Corp Republic Bldg Cleveland
1 Ohio
SAINT PAUL CORRUGATING CO S END
WABASHA ST ST PAUL 1 MINN
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WALTER GORDON
Architect, AIA

Graduated from Princeton and later took his M.F.A. there. Also studied at University of Paris, and at Yale University graduate school. Has designed numerous homes, many of which have been featured in national magazines.

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Blue Ridge Tale Co Inc Henry Va
Boyer Chemical Laboratory Co 2236 S Wabash Ave Chicago Ill
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Curtis Mfg & Asbestos Co 29 Lewis Wharf Boston 10 Mass
Dixon Crucible Co 167 Wayne St Jersey City 3 NJ
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Gillespie Varnish Co Dey & Howell Sta Jersey City 6 NJ
Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
Kaul Clay Mfg Co Spring St Box 128 Toronto Ohio
Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa
Lake Chemical Co 3052 W Carroll Chicago 12 Ill
Loblich (G J) Co 931 N Ogden Ave Chicago 22 Ill
METHUENS (W R) INC 2 KIMBALL ELGIN ILL
Peora Paint Co Inc 4th St & Rdg RR Philadelphia 40 Pa
Pennsylvania Salt Mfg Co 874 Widener Bldg Philadelphia 7 Pa
Prostatite Engineering Co 3900 Chouteau Ave St Louis 10 Mo
Quigley Co Inc 527 Fifth Ave New York 17 NY
Republic Greening Co Merchant Bank Bldg Indianapolis 4 Ind
Robinson Clay Prods Co 65 W State St Akron 9 Ohio
Sauereisen Cements Co 1045 N Canal St Pittsburgh 15 Pa
Smooth-On Mfg Co 574 Communipaw Jersey City 4 NJ
Sullivan Co The 212 E Frigg Memphis Tenn
X-Pando Corp 43-15 36th St Long Island City 1 NY

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Fibre Conduit Co Orangeburg NY
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Graystone of Seattle 134 Nickerson St Seattle 9 Wash
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Bridgeport Brass Co 30 Grand St Bridgeport 2 Conn
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Hussey (C G) & Co 2860 Second Ave Pittsburgh 19 Pa
Mueller Brass Co 1925 Lapeer Ave Port Huron Mich
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Scovill Mfg Co 1655 Thomaston Ave Waterville 14 Conn
Wolverine Tube Co 1850 Guardian Bldg Detroit 26 Mich

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Carlon Prods Corp 10225 Meech Ave Cleveland 5 Ohio
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Franklin Plastics Inc Franklin Pa
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Raybestos-Manhattan Inc Manhattan Rubber Div 81 Willett St Passaic NJ
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Superior Plastics Inc 410-430 N Oakley Chicago 12 Ill
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VISKING CORP PO BOX 1410 TERRE HAUTE IND

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 Cleveland Gypsum Co 1276 W Third St Cleveland 13 Ohio
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 Perlite Mfg Co PO Box 478 Carnegie Pa
 Schundler (F E) & Co Inc 504 Railroad St Joliet Ill
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▶ PLASTER, FIBERED

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CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Coddington (E D) Mfg Co 5024 N 37th St Milwaukee 9 Wis
 Fairmont Wall Plaster Co Box 272 Fairmont W Va
 Grand Rapids Plaster Co Peoples National Bank Bldg Grand Rapids Mich
 Ideal Cement Co Colorado Div 500 Denver National Bldg Denver 2 Colo
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NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
OHIO LIME CO WOODVILLE OHIO
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 Grand Rapids Plaster Co Peoples National Bank Bldg Grand Rapids Mich
 Made-Rite Prods Inc 2410 S 7th St St Louis Mo
 Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
OHIO LIME CO WOODVILLE OHIO
 Penn Crete Prods Co 20th & Lippincott St Philadelphia 32 Pa
 Pyramid Co 433 Maple Ave Downers Grove Ill
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 Woodville Lime Co 2140 Jefferson Ave Toledo 2 Ohio

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CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Grand Rapids Plaster Co Peoples National Bank Bldg Grand Rapids Mich
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
OHIO LIME CO WOODVILLE OHIO
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ PLASTER, GYPSUM

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CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA

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 Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn
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RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
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 Mikolite Sales Corp Encampment Wyo
 Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn
 Munn & Steele Inc Castle Island Terminal S Boston Mass
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 Schundler (F E) & Co Inc 504 Railroad St Joliet Ill
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 Grand Rapids Plaster Co Peoples National Bank Bldg Grand Rapids Mich
 Kelley Island Co 1132 Leader Bldg Cleveland 14 Ohio
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 Durban (Donald) Co PO Box 804 Des Moines 4 Iowa
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 Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn
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 Rutland Fire Clay Co Curtiss Ave Rutland Vt
 Sargran Co 25 Huntington Ave Boston 16 Mass
 Schalk Chemical Co 351 E 2nd St Los Angeles 12 Calif
 Tamms Industries Inc 228 N La Salle St Chicago 1 Ill
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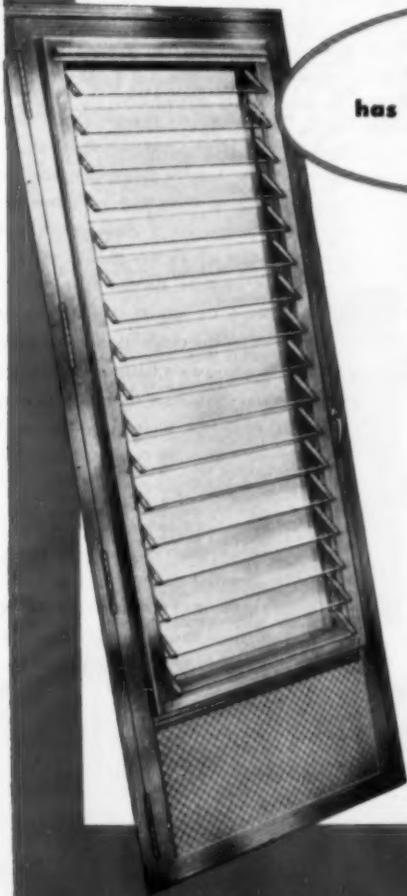
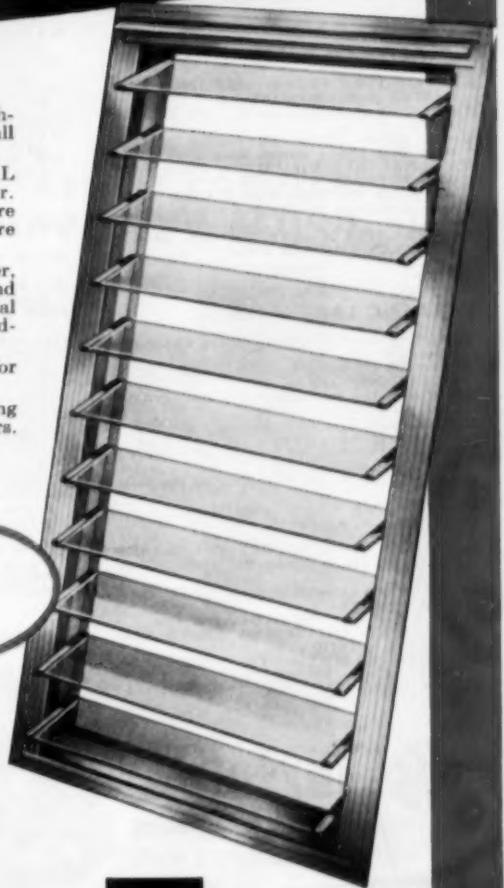
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Winter Seal is the only Extruder-Manufacturer offering either assembled or KD Jalousie windows and doors.



**Only Winter Seal
has exclusive "Nest-tite"
construction**

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CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ADDMORE PA
Grand Rapids Plaster Co Peoples National Bank Bldg Grand Rapids Mich
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
Pabco Prods Inc 475 Brannan St San Francisco Calif
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ PLASTER OF PARIS

CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ADDMORE PA
Fairmont Wall Plaster Co Box 272 Fairmont W Va
Grand Rapids Plaster Co Peoples National Bank Bldg Grand Rapids Mich
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
OHIO LIME CO WOODVILLE OHIO
Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ PLASTIC LAMINATES

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 5 CALIF
Arborite Co Ltd 385 Laflaur Ave Montreal Que Can
Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
CHEMOLD CO 2000 COLORADO AVE SANTA MONICA CALIF
Colstyle Tyle-Bord Inc 975 John St Seattle 9 Wash
Comoweld Corp Wisconsin Rapids Wis
Continental Can Co Conolite Dept 205 W 14th St Wilmington Del
CORRULUX DIV LIBBEY-OWENS-FORD GLASS CO 410 HOLMES RD HOUSTON 25 TEXAS
Davis Plywood Corp 12555 Berea Rd Cleveland 11 Ohio
Farley & Loetscher Mfg Co Dubuque Iowa
FORMICA CO 4514 SPRING GROVE CINCINNATI 32 OHIO
GENERAL ELECTRIC CO COSHOCTON OHIO
General Electric Co 1387 Main Springfield 3 Mass



Textolite®
plastic surfacing
for counters & walls

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Cusheon, Ohio

GENERAL ELECTRIC

International Molded Plastics 4387 W 35th St Cleveland 9 Ohio
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
Lacton Glue Mfg Co 611 Broadway New York 12 NY
Lacing Prods Co Franklinton Rd Baltimore 23 Md
Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
Monsanto Chemical Co 100 Monsanto Ave Springfield 2 Mass
NATIONAL PLASTIC PRODS CO ODENTON MD
National Plywoods Inc 2710 Throop St Chicago 11 Ill
Ohio Rubber Co 102 Ben Hur Willoughby Ohio
Parisian Novelty Co 3510 S Western Ave Chicago 9 Ill
Parkwood Corp 24 Water St Wakefield Mass
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo

Pioneer Plastics Corp 28 Goodhue St Salem Mass
Plyhold Co 2707 Tulare Ave Burbank Calif
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Ray-O-Lite Corp of America 696 Greenwood Ave Atlanta Ga
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
Russell Reinforced Plastics West Hoffman Ave Lindenhurst LI NY
St Regis Sales Corp Fanelyte Div 230 Park Ave New York 17 NY
Selek (Walter E) & Co 223 W Hubbard Chicago 10 Ill
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
WESTINGHOUSE ELECTRIC CORP PO BOX 868 PITTSBURGH 30 PA
Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
Wilson & Hoppe Plastics Inc 13055 E Los Nietos Whittier Calif
Winner Mfg Co Inc Trenton 3 NJ
WOODALL INDUSTRIES INC 3500 OAKTON AVE SKOKIE ILL
WRIGHT MFG CO PO BOX 6567 HOUSTON 5 TEXAS

▶ PLASTIC, WATERPROOF

Abesto Mfg Corp 131 Wabash St Michigan City Ind
Anti-Hydro Waterproofing Co 265 Badger Ave Newark 8 NJ
BIRD & SON INC 47 WILSON ST E WALPOLE MASS
CHEMOLD CO 2000 COLORADO AVE SANTA MONICA CALIF
Douglas & Sturgess 475 Bryant St San Francisco Calif
Durethene Corp 1859 S 55th Ave Cicero 50 Ill
Evercrete Corp 424 W 42nd St New York 18 NY
FLINKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
Superior Plastics Inc 410-430 N Oakley Chicago 12 Ill
Tufcrete Co Inc 552 Teahout Bldg Des Moines 9 Iowa
VISSING CORP PO BOX 1410 TERRE HAUTE IND

▶ PLUMB BOBS

Brown & Sharpe Mfg Co 235 Promenade St Providence RI
Dietzgen (Eugene) Co 2425 N Sheffield Chicago 14 Ill
General Hardware Mfg Co Inc 80 White St New York 13 NY
GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO
Keuffel & Esser Co 300 Adams St Hoboken NJ
LUFKIN RULE CO 1730 HESS AVE SAGINAW MICH
Miller Falls Co Wells & Devon Greenfield Mass
SARGENT & CO 45 WATER ST NEW HAVEN 9 CONN
Starrett (L S) Co 101 Crescent St Athol Mass
WARREN-KNIGHT CO 136 N 12TH ST PHILADELPHIA 7 PA

▶ PLUMBING, PREFABRICATED, ASSEMBLY

SILVIS CO SHEBOYGAN WIS

▶ PLYWOOD, DOUGLAS FIR

Aberdeen Plywood Corp PO Box 240 Aberdeen Wash
Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Anacortes Veneer Inc 35th & "V" Ave Anacortes Wash
ASSOCIATED PLYWOOD MILLS INC PO BOX 672 EUGENE ORE
Astoria Plywood Corp Astoria Ore
ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
Babcock Lumber Co Frick Bldg Pittsburgh 19 Pa
Bellingham Plywood Corp Bellingham Wash
Blick (T C) Corp Lumber Co Inc 249 Park Ave Hartford 8 Conn
British Columbia Forest Prods Ltd 995 W 6th Ave Vancouver B C Can
Buffelen Mfg Co Box 1595 Tacoma 1 Wash
Cascades Plywood Corp 1016 Public Service Bldg Portland 4 Ore
Comfort (Geo N) Lumber Co Euclid Ave at E 6th Cleveland Ohio
Coos Bay Lumber Co Coos Bay Ore
Crescent Plywood Co Crescent City Calif

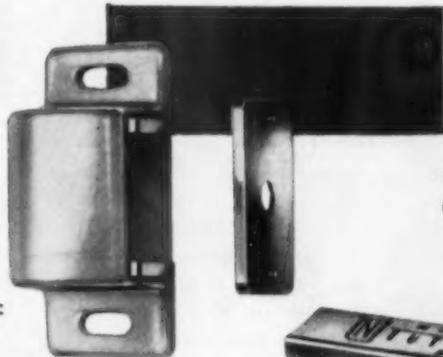
Cruver Sales Co PO Box 1102 Tacoma Wash
DANT & RUSSELL INC 1320 SW BROADWAY PORTLAND 1 ORE
Davis Plywood Corp 12555 Berea Road Cleveland 11 Ohio
Dixie Lumber Co Inc 8201 Fig St New Orleans La
Durable Plywood Co PO Box 114 Calpella Calif
Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash
Eureka Plywood Co Eureka Calif
Evans Prods Co 13101 Eckles Rd Plymouth Mich
Everett Plywood & Door Corp Everett Wash
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
HARBOR PLYWOOD CORP BOX 940 ABERDEEN WASH
Hines (Edward) Lumber Co Westfir Ore
Humboldt Plywood Corp PO Box 248 Arcata Calif
Industrial Plywood Corp 25 California St San Francisco Calif
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
Lake Pleasant Plywood Co PO Box 158 Myrtle Creek Ore
Linn Plywood Corp 10th & Hill Sts Albany Ore
LONG-BELL LUMBER CO 926-8 GRAND AVE KANSAS CITY 6 MO
M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
Mar-Lin Timber Corp Winchester Ore
Martin Bros Box Co Oakland Ore
Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
Menasha Plywood Corp PO Box 877 North Bend Ore
Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
Milwaukee Plywood Co 1227 W Bruce St Milwaukee 5 Wis
Mt Baker Plywood Inc 2929 Roeder Ave Bellingham Wash
Multnomah Plywood Corp 1500 SW Harbor Dr Portland 1 Ore
Mutual Plywood Corp PO Box 464 Eureka Calif
National Plywoods Inc 2710 Throop St Chicago 11 Ill
Niagara Plywoods Inc 1234 Broadway Buffalo NY
North Pacific Plywood Inc 1549 Dock St Tacoma 2 Wash
Northwest Door Co PO Box 1477 Tacoma 1 Wash
Oregon Plywood Corp Oak St Sweet Home Ore
Oregon-Washington Plywood Co 1002 U S National Bank Bldg Portland 4 Ore
Pacific Forest Sales Corp 1103 N Riverside Medford Ore
Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
Pacific Veneer Plywood Corp 601 Cornwall Ave Bellingham Wash
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Peninsula Plywood Corp Marine Dr Port Angeles Wash
Pluswood Industries 171 W Algona St Oshkosh Wis
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Plywood Inc 15 W Front St Trenton 8 NJ
Puget Sound Plywood Co 230 East "F" St Tacoma Wash
Ranier Plywood Co 624 E 15th St Tacoma Wash
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
ST PAUL & TACOMA LUMBER CO 1220 ST PAUL AVE TACOMA WASH
Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
Simpson Logging Co White Bldg Seattle 1 Wash
Southern Oregon Plywood Corp 1100 East "J" St Grant's Pass Ore
Springfield Plywood Co Springfield Ore
Timber Prods Co PO Box 152 Medford Ore
Triplet Lumber Co Inc Box 788 Lenoir NC
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
Umpqua Plywood Corp PO Box 158 Myrtle Creek Ore
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
U S Plywood Corp Shasta Div PO Box 1688 Redding Calif
Valley Plywood Co 72 W Broadway Eugene Ore
Vancover Plywood Co Box 720 Vancouver Wash
Veneer Prods Co PO Box 152 Medford Ore
Walton Plywood Co Everett Wash
Washington Veneer Co PO Box 347 Olympia Wash
West Coast Plywood Co PO Box 1180 Aberdeen Wash
Western Door & Plywood Corp 1835 NW 17th St Portland 4 Ore
Western Veneer Co 75 W Broadway Eugene Ore
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
Willamette Valley Lumber Co Box 5 Dallas Ore
Woodward Lumber Co 1424 Vance Bldg Seattle 1 Wash

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NATIONAL LOCK

supply ALL your CABINET CATCH requirements

EXTENSIVE SELECTION



R222
MAGNETIC
CATCH

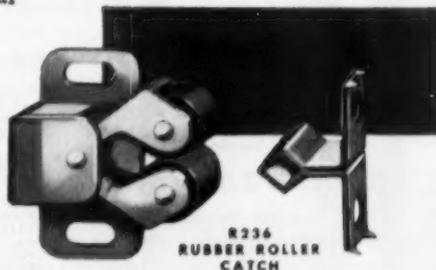
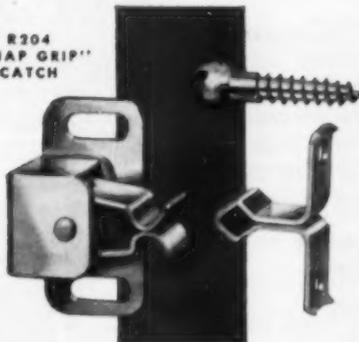
ASSURE POSITIVE GRIPPING ACTION



R280
TUTCH LATCH

Manufactured of the finest quality materials, National Lock Catches are soundly engineered to provide years of troublefree service. Magnetic Catch utilizes super magnetic power for smooth, positive action. Tutch Latch opens doors *automatically* with a gentle touch of finger, elbow or knee. Friction Catches are silent acting . . . easily applied to wood or metal kitchen cabinets. Whatever the type or function, there's a National Lock catch to please every customer.

R204
"SNAP GRIP"
CATCH



R234
RUBBER ROLLER
CATCH

EASILY INSTALLED



NATIONAL LOCK COMPANY

Rockford, Illinois • Merchant Sales Division



CABINET
HARDWARE



NATIONAL
LOCKSETS



BUILDERS
HARDWARE



SASH
HARDWARE



CABINET
LOCKS



FURNITURE
CASTERS



SCREWS
AND BOLTS

▶ PLYWOOD, EMBOSSED

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
ASSOCIATED PLYWOOD MILLS INC PO BOX 672 EUGENE ORE
Astoria Plywood Corp Astoria Ore
Blick (T C) Plywood Co Inc 249 Park Ave Hartford 8 Conn
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
National Plywoods Inc 2710 Throop St Chicago Ill
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Shadowood 15058 Delano Van Nuys Calif
Southwood Corp PO Box 301 Fort Worth Texas
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
U S Plywood Corp Shasta Div PO Box 1688 Redding Calif

▶ PLYWOOD, EXTERIOR

Aberdeen Plywood Corp PO Box 340 Aberdeen Wash
Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Anastotes Veneer Inc 35th & "V" Ave Anacortes Wash
ASSOCIATED PLYWOOD MILLS INC PO BOX 672 EUGENE ORE
Astoria Plywood Corp Astoria Ore
ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
Bellingham Plywood Corp Bellingham Wash
Blick (T C) Plywood Co Inc 249 Park Ave Hartford 8 Conn
Buffelen Mfg Co Box 1595 Tacoma 1 Wash
Cascades Plywood Corp 1016 Public Service Bldg Portland 4 Ore
Cone Bay Lumber Co Coon Bay Ore
DANT & RUSSELL INC 1320 SW BROADWAY PORTLAND 1 ORE
Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash
Evans Prods Co 13101 Eckles Rd Plymouth Mich
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
HARBOR PLYWOOD CORP BOX 940 ABERDEEN WASH
Humboldt Plywood Corp PO Box 248 Arcata Calif
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
LONG-BELL LUMBER CO 826-S GRAND AVE KANSAS CITY 4 MO
M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
Martin Bros Box Co Oakland Ore
Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
ST PAUL TACOMA LUMBER CO 1220 ST PAUL AVE TACOMA WASH
Simpson Logging Co White Bldg Seattle 1 Wash
Springfield Plywood Co Springfield Ore
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
Umpqua Plywood Corp PO Box 158 Myrtle Creek Ore
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
U S Plywood Corp Shasta Div PO Box 1688 Redding Calif
Vancouver Plywood Co Box 720 Vancouver Wash
Washington Veneer Co PO Box 347 Olympia Wash
West Coast Plywood Co PO Box 1180 Aberdeen Wash
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
Weyerhaeuser Sales Co Tacoma Building Tacoma 1 Wash

▶ PLYWOOD, FABRIC COVERED

Northwest Door Co PO Box 1477 Tacoma 1 Wash
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

▶ PLYWOOD, FLAMEPROOF

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Fox Bros Mfr Co 2717 Sidney St St Louis 4 Mo
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Protexel Corp 162 Market St Kenilworth NJ
Quigley (J R) Co Gloucester City NJ
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky

▶ PLYWOOD, FLEXIBLE, HARDWOOD

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
National Plywoods Inc 2710 Throop St Chicago Ill
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Superflex Plywood Corp 1860 Broadway New York 23 NY
Underwood Veneer Co PO Box 510 Wausau Wis
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky

▶ PLYWOOD, HARDBOARD SURFACED

Aberdeen Plywood Corp PO Box 340 Aberdeen Wash
Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
ASSOCIATED PLYWOOD MILLS INC PO BOX 672 EUGENE ORE
ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
Cascades Plywood Corp 1016 Public Service Bldg Portland 4 Ore
Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash
Industrial Plywood Corp 25 California St San Francisco Calif
Keller Prods Inc 41 Union St Manchester NH
Kennedy Co 1620 Dime Bldg Detroit 26 Mich
MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL
Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
National Plywoods Inc 2710 Throop St Chicago Ill
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Plywood Tacoma Co 540 E 15th St Tacoma Wash
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
U S Plywood Corp Shasta Div PO Box 1688 Redding Calif
Vancouver Plywood Co Box 720 Vancouver Wash
Western Veneer Co 75 West Broadway Eugene Ore

▶ PLYWOOD, HARDWOOD

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Albany Plywood Corp Albany Ore
Anderson-Tully Co PO Box 28 Memphis 10 Tenn
ASSOCIATED PLYWOOD MILLS INC PO BOX 672 EUGENE ORE
ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
Blick (T C) Plywood Co Inc 249 Park Ave Hartford 8 Conn
Braund Plywoods Inc 214 Wabek Bldg Birmingham Mich
CONNOR LUMBER & LAND CO 231 THOMAS ST WAUSAU WIS
Cruver Sales Co PO Box 1102 Tacoma Wash
Curtis Cos American Plywood Div New London Wis
DANT & RUSSELL INC 1320 SW BROADWAY PORTLAND 1 ORE
Darlington Veneer Co Darlington SC
Davis Plywood Corp 12555 Berea Road Cleveland 11 Ohio
Daystrom Laminates Inc Daystrom NC
Dixie Lumber Co Inc 8201 Fig St New Orleans La
Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash
Fuller (T C) Plywood Co Laurel Miss
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
Higgins Industries Inc PO Box 8169 New Orleans 22 La
Hoosier Panel Co New Albany Ind
Indiana Veneer & Panel Co New Albany Ind
Ipek Plywood Co Kenner La
Jamestown Plywood & Veneer Co 34 Steele St Jamestown NY
Keller Prods Inc 41 Union St Manchester NH
Kennebec Inc Owens St Bingham Me
Kennedy Co 1620 Dime Bldg Detroit 26 Mich
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
M & S Inc 15 E Third St Cincinnati 2 Ohio
MENGELO CO 4TH & COLORADO LOUISVILLE 1 KY

Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
National Plywoods Inc 2710 Throop St Chicago Ill
Niagara Plywoods Inc 1234 Broadway Buffalo NY
Nickey Bros Inc 2700 Summer Ave Memphis Tenn
Northwest Door Co PO Box 1477 Tacoma 1 Wash
OWENS-ILLINOIS GLASS CO PO BOX 1035 TOLEDO 1 OHIO
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Pearl City Plywood Co Inc 1 Elam St Jamestown NY
Pluswood Industries 171 W Algoma St Oshkosh Wis
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Plywood Inc 15 W Front St Trenton 8 NJ
Quigley J R Co Gloucester City NJ
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
Schnitzer Bros 3200 NW Yeon Ave Portland 10 Ore
Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
Spurgeon (N B) Co 29 N Wacker Dr Chicago 6 Ill
Superflex Plywood Corp 1860 Broadway New York 23 NY
THOMASON PLYWOOD CORP PO BOX 352 FAYETTEVILLE NC
Triplett Lumber Co Inc Box 738 Lenoir NC
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
Underwood Veneer Co PO Box 510 Wausau Wis
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
Veneer & Plywood Co Shawano Wis
Western Door & Plywood Corp 1835 NW 17th St Portland 4 Ore
Wisconsin Door Co 10101 Lyndon Ave Detroit 38 Mich
Wisconsin Timber & Land Co Sheboygan Wis
Youngstown Plywood Co 1028 W Rayen Ave Youngstown Ohio

▶ PLYWOOD, INLAID

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Kennedy Co 1620 Dime Bldg Detroit 26 Mich
Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

▶ PLYWOOD, MARINE

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Albany Plywood Corp Albany Ore
ASSOCIATED PLYWOOD MILLS INC PO BOX 672 EUGENE ORE
Blick (T C) Plywood Co Inc 249 Park Ave Hartford 8 Conn
Curtis Cos American Plywood Div New London Wis
Davis Plywood Corp 12555 Berea Road Cleveland 11 Ohio
Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash
HARBOR PLYWOOD CORP BOX 940 ABERDEEN WASH
Higgins Industries Inc PO Box 8169 New Orleans 22 La
Ipek Plywood Co Kenner La
Keller Prods Inc 41 Union St Manchester NH
Kochton Plywood & Veneer Co Inc 509 W Roosevelt Chicago 7 Ill
M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore
Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis
National Plywoods Inc 2710 Throop St Chicago Ill
Niagara Plywoods Inc 1234 Broadway Buffalo NY
Northwest Door Co PO Box 1477 Tacoma 1 Wash
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Plywood Inc 15 W Front St Trenton 8 NJ
Quigley (J R) Co Gloucester City NJ
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
Vancouver Plywood Co Box 720 Vancouver Wash

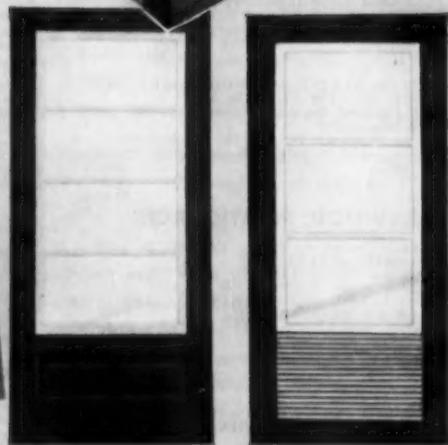


for screen and
storm sash protection

...THE CHOICE IS

Continental

Since 1905 Retail Lumber Dealers and Contractors have looked to Continental Screen Company for the finest in design, materials, workmanship and service. Their choice reflects the preference of customers who always demand the best.



A COMPLETE LINE

Screen Doors, Combination Doors, Full Size Window Screens, Storm Sash, Combination Screen and Storm Sash Units and Extension Window Screens.

THE POPULAR MODEL 1312 SCREEN DOOR

The ever-popular 1312 door—shown here with added personality touch of a wrought-iron grille. Continental Screen Doors and Combination Doors will accommodate a variety of the standard grilles available.

THE H 4 COMBINATION DOOR—Always a best seller because of its adaptability to present-day architecture. Continental also offers a variety of other combination door patterns . . . all of Ponderosa Pine, WOODLIFE treated.

THE CONTINENTAL CONTEMPORARY DOOR—This brand-new combination Storm and Screen door features an attractive fluted panel design—offers infinite possibilities for attractive color combinations. Three styles of storm and screen inserts: three-light, flush frame (shown here); one-light, flush frame; and one-light protruding "picture" frame.



Continental products are manufactured by:

THE WABASH SCREEN DOOR COMPANY • Minneapolis, Minnesota • Memphis, Tennessee

PHILADELPHIA SCREEN MANUFACTURING COMPANY • Philadelphia, Pennsylvania

and Sold Through **Continental Screen Company, Detroit, Michigan**

▶ PLYWOOD, METAL COVERED

Keller Prods Inc 41 Union St Manchester NH
Rigidized Metals Corp 658 Ohio St Buffalo 3
NY
Twin City Hardwood Lumber Co 509 N Cleve-
land Ave St Paul 14 Minn
U S Mengel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky
UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY

▶ PLYWOOD, PINE

Aetna Plywood Veneer Co 1731 N Elston Ave
Chicago 22 Ill
Albany Plywood Corp Albany Ore
ASSOCIATED PLYWOOD MILLS INC PO
BOX 672 EUGENE ORE
ATLAS PLYWOOD CORP 1432 STATLER
BLDG BOSTON 16 MASS
Blick (T C) Plywood Co Inc 249 Park Ave
Hartford 8 Conn
Calaveras Forest Prods Corp San Andrea Calif
Davis Plywood Corp 12555 Berea Road Cleve-
land 11 Ohio
Elliott Bay Mill Co 600 W Spokane St Seattle
4 Wash
Fruit Growers Supply Co Susanville Calif
GEORGIA-PACIFIC PLYWOOD CO 600 N
CAPITOL WAY OLYMPIA WASH
HARBOR PLYWOOD CORP BOX 940 ABER-
DEEN WASH
Kelpine Plywood Co Klamath Falls Ore
Kochton Plywood & Veneer Co Inc 509 W
Roosevelt Chicago 7 Ill
LONG-BELL LUMBER CO 926-8 GRAND
AVE KANSAS CITY 6 MO
Midwest Plywood Co 10101 Lyndon Ave De-
troit 21 Mich
Milwaukee Plywood Co 1227 W Bruce St Mil-
waukee 4 Wis
National Plywoods Inc 2710 Throop St Chi-
cago Ill
Niagara Plywoods Inc 1234 Broadway Buffalo
NY
Pacific Mutual Door Co Tacoma Bldg Tacoma
Wash
Paxton (Frank) Lumber Co 6311 St John Ave
Kansas City Mo
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Plywood Inc 15 W Front St Trenton 8 NJ
RODDIS PLYWOOD CORP 1155 PALMETTO
MARSHFIELD WIS
Shadwood 15058 Delano Van Nuys Calif
Timber Prods Co PO Box 152 Medford Ore
Twin City Hardwood Lumber Co 509 N Cleve-
land Ave St Paul 14 Minn
U S Mengel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky
UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY
U S Plywood Corp Shasta Div PO Box 1688
Redding Calif
Veneer Prods Co PO Box 152 Medford Ore
Weyerhaeuser Sales Co Tacoma Bldg Tacoma
1 Wash

▶ PLYWOOD, PLASTIC FACED

Aetna Plywood & Veneer Co 1731 N Elston
Ave Chicago 22 Ill
Anacortes Veneer Inc 35th & "V" Ave Ana-
cortes Wash
ASSOCIATED PLYWOOD MILLS INC PO
BOX 672 EUGENE ORE
Colotype Tyle-Bord Inc 975 John St Seattle 9
Wash
Curtis Cos American Plywood Div New Lon-
don Wis
Davis Plywood Corp 12555 Berea Road Cleve-
land 11 Ohio
Farley & Loetscher Mfg Co Dubuque Iowa
FORMICA CO 4514 SPRING GROVE CIN-
CINNATI 32 OHIO
GEORGIA-PACIFIC PLYWOOD CO 600 N
CAPITOL WAY OLYMPIA WASH
HARBOR PLYWOOD CORP BOX 940 ABER-
DEEN WASH
Kimberly-Clark Corp 128 N Commercial
Neneah Wis
Kochton Plywood & Veneer Co Inc 509 W
Roosevelt Chicago 7 Ill
Midwest Plywood Co 10101 Lyndon Ave De-
troit 21 Mich
Milwaukee Plywood Co 1227 W Bruce St
Milwaukee 4 Wis
National Plywoods Inc 2710 Throop St Chi-
cago Ill
Northwest Door Co PO Box 1477 Tacoma 1
Wash
Paxton (Frank) Lumber Co 6311 St John Ave
Kansas City Mo
Pearl City Plywood Co Inc 1 Elam St James-
town NY
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Plywood Inc 15 W Front St Trenton 8 NJ
RODDIS PLYWOOD CORP 1155 PALMETTO
MARSHFIELD WIS
ST PAUL & TACOMA LUMBER CO 1220 ST
PAUL AVE TACOMA WASH
Twin City Hardwood Lumber Co 509 N Cleve-
land Ave St Paul 14 Minn
U S Mengel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky

UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY
West Coast Plywood Co PO Box 1180 Aberdeen
Wash
WESTINGHOUSE ELECTRIC CORP PO BOX
868 PITTSBURGH 39 PA

▶ PLYWOOD, RAT-REPELLENT

ATLAS PLYWOOD CORP 1432 STATLER
BLDG BOSTON 16 MASS
Twin City Hardwood Lumber Co 509 N Cleve-
land Ave St Paul 14 Minn
UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY

▶ PLYWOOD, REDWOOD

Aetna Plywood & Veneer Co 1731 N Elston
Ave Chicago 22 Ill
Arrow Tank Co Inc 16 Barnett St Buffalo 15
NY
ATLAS PLYWOOD CORP 1432 STATLER
BLDG BOSTON 16 MASS
Blick (T C) Plywood Co Inc 249 Park Ave
Hartford 8 Conn
Davis Plywood Corp 12555 Berea Road Cleve-
land 11 Ohio
Eureka Plywood Co Eureka Calif
Kochton Plywood & Veneer Co Inc 509 W
Roosevelt Chicago 7 Ill
M & M Woodworking Co 2301 N Columbia
Blvd Portland 17 Ore
Midwest Plywood Co 10101 Lyndon Ave De-
troit 21 Mich
Milwaukee Plywood Co 1227 W Bruce St Mil-
waukee 4 Wis
National Plywood Inc 2710 Throop St Chicago
Ill
Paxton (Frank) Lumber Co 6311 St John Ave
Kansas City Mo
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Shadwood 15058 Delano Van Nuys Calif
Twin City Hardwood Lumber Co 509 N Cleve-
land Ave St Paul 14 Minn
U S Mengel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky
UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY

▶ PLYWOOD SEALERS

Aetna Plywood & Veneer Co 1731 N Elston Ave
Chicago 22 Ill
American Varnish Co 1140 N Branch St Chi-
cago 22 Ill
ATLAS PLYWOOD CORP 1432 STATLER
BLDG BOSTON 16 MASS
Breinig Bros 1st & Harrison Hoboken NJ
Cuprinol Div Darworth Inc 56 Maple St Sims-
bury Conn
Davis Plywood Corp 12555 Berea Road Cleve-
land 11 Ohio
Dolphin Paint & Varnish Co 922 Locust St
Toledo 3 Ohio
Horn (A C) Co Inc Tenth St & 44th Ave
Long Island City 1 NY
Martin-Senour Co 2520 S Quarry St Chicago 8
Ill
Maxwell & Hitchcock 191 Simpson NW
Atlanta Ga
Milwaukee Plywood Co 1227 W Bruce St Mil-
waukee 4 Wis
Monsanto Chemical Co 1700 S Second St
St Louis 4 Mo
Monsanto Chemical Co Plastic Div 911 Western
Ave Seattle 4 Wash
O'Brien Corp 101 N Johnson St South Bend 21
Ind
Paxton (Frank) Lumber Co 6311 St John Ave
Kansas City Mo
Penetone Co The 74 Hudson Ave Tenafly NJ
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Plywood Inc 15 W Front St Trenton 8 NJ
RODDIS PLYWOOD CORP 1155 PALMETTO
MARSHFIELD WIS
Seldits Paint & Varnish Co 18th & Garfield
Sts Kansas City 10 Mo
Standard-Toeb Chemicals Inc 2600 Rich-
mond Ter Staten Island NY
Toeb Bros 2600 Richmond Ter Staten Island
NY
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ville 1 Ky
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44TH ST NEW YORK 36 NY
Vita-Var Corp 10 Commerce Ct Newark NJ
Wood Treating Chemicals Co 5137 Southwest
Ave St Louis 10 Mo

▶ PLYWOOD, STRIATED

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Ave Chicago 22 Ill
ATLAS PLYWOOD CORP 1432 STATLER
BLDG BOSTON 16 MASS
Midwest Plywood Co 10101 Lyndon Ave De-
troit 21 Mich
Plytex Corp 1731 Elston Ave Chicago 22 Ill
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WORTH TEXAS
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ville 1 Ky
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Vancouver Plywood Co Box 720 Vancouver
Wash

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Camp Co Inc 6958 S State Chicago 21 Ill
Clarke Sanding Machine Co 30 E Clay Ave
Muskegon Mich
Cummings Portable Tools 5055 N Lydell Ave
Milwaukee 17 Wis
Curtis Machine Corp 1309 E 2nd St James-
town NJ
Denver Floor & Safety Supply Co 3801 High St
Denver Colo
Finnell System Inc 500 E Street Elkhart Ind
Florboas-Habit Co 4181 W Montrose Chicago
Ill
General Floorcraft Inc 421 Hudson St New
York 14 NY
Grinding & Polishing Machine Corp 2530 Win-
throp Ave Indianapolis 5 Ind
Hild Floor Machine Co 740 W Washington
Chicago Ill
HOLT MFG CO 272 BADGER AVE NEWARK
NJ
Holt Mfg Co 669 20th St Oakland 12 Calif
International Twist Drill Corp 618 Wyandotte
St Kansas City 5 Mo
Kennedy Co 1620 Dime Bldg Detroit 26 Mich
Landers Frary & Clark Center St New Brit-
ain Conn
Lincoln-Schlueter Floor Machine 1250 W Van
Buren Chicago 7 Ill
PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE PITTSBURGH 22 PA
PORTER CABLE MACHINERY CO 1714 N
SALINA ST SYRACUSE 8 NY
RED DEVIL TOOLS 139 COIT ST IRVING-
TON NJ
SKIL CORP 5033 ELSTON AVE CHICAGO
30 ILL
Tennant (G H) Co 2566 N Second St Minne-
apolis Minn
United States Electrical Tool Div Emerson
Electric Mfg Co 3640 Llewellyn St Cincin-
nati 23 Ohio

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ST SAN DIEGO 9 CALIF
Angel Novelty Co 340 Broad St Fitchburg Mass
Blue Ridge Glass Corp Kingsport Tenn
CHAMBERLIN CO OF AMERICA 1254 LA-
BROSSE ST DETROIT 24 MICH
Compo Miracle Prods Co 15221 W 11 Mile Rd
Berkley Mich
Hyde-Murphy Co Murphy Bldg Ridgway Pa
LIBBEY-OWENS-FORD GLASS CO 603
MADISON AVE TOLEDO 3 OHIO
RESOLITE CORP ZELLENOPLE PA
Rippolite Plastics Prods Inc 3910 Cohasset St
Burbank Calif
RUSSELL (F C) Co 1100 CHESTER AVE
CLEVELAND 1 OHIO
DEVAC INC 5910 WAYZATA BLVD MINNE-
APOLIS MINN
Tennessee Fabricating Co 1490 Grimes St
Memphis Tenn

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CLINTON IOWA
Hyde-Murphy Co Murphy Bldg Ridgway Pa
International Molded Plastics Inc 4387 W 35th
St Cleveland 9 Ohio
Schwerd (A F) Mfg Co 3215 McClure Ave
Pittsburgh 13 Pa
Tennessee Fabricating Co 1490 Grimes St
Memphis Tenn
Wheeler-Osgood Co Box 1629 Tacoma 1 Wash

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E 81ST ST CLEVELAND 5 OHIO
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ORLANDO FLA
Consolidated Iron-Steel Mfg Co 1292 E 53rd
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Akron Prods Co Seville Ohio
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CORP GRIEWOOLD ST WARREN OHIO
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CLEVELAND STEEL SPECIALTY CO 3771
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Holms Mfg Co of Ohio 1340 Lake Shore Blvd
Akron 1 Ohio
Kopter (Joseph J) & Co 121st & 90th Sts Palos
Park Ill
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Ill
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11 Ohio
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Braun (J G) Co 537 W 35th St New York 1 NY
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Michigan Ave Chicago Ill
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CHICAGO 56 ILL
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Ind
Cyclone Fence Dept American Steel & Wire
Div US Steel Corp Box 260 Waukegan 1 Ill
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Dietrich Bros Inc 2700 Loch Haven Baltimore
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Nicholson & Co 161 First St Cambridge 42
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Neb
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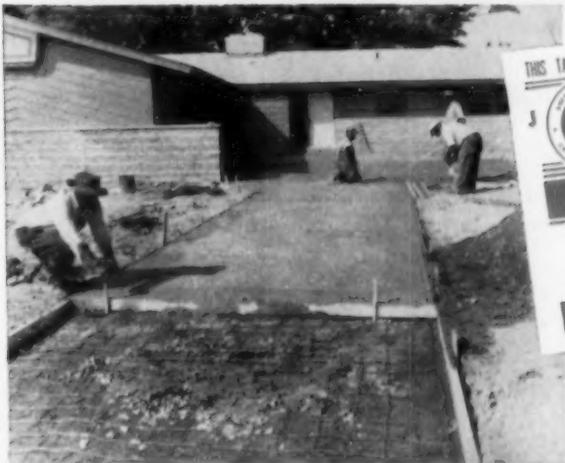
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Jelsa Century Homes Inc 610 N 31st St Lawton
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NY

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Penske Woodwork Co Penske Homes Div 900 For-
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23 Cal

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Scott Lumber Co 1112 Chapline St Wheeling
W Va

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1 Okla

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Houston 1 Texas
Southwestern Sash & Door Co Phoenix Ariz

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Stout Homes 701 Stephenson Detroit 2 Mich
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BRIDGE 38 MASS

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Texas
THYER MFG CORP 2857 WAYNE ST
TOLEDO OHIO

Unit Structures Inc Peabigo Wis
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Knapp Bros Mfg Co 16 E 72nd St Cincinnati
16 Ohio

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Mich
McKeown Bros Co 5303 S Keeler Ave Chicago
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Goss (J C) Co 2941 E Jefferson Detroit 7 Mich
Haynes Prods Co 4007 Farnam St Omaha 3
Neb

Industrial Canvas Prods Corp 15-25 Flax St
Delaware Ohio
Kuhls (H B Fred) 6411-23 3rd Ave Brooklyn
20 NY

Lowe Bros 436 E 3rd St Dayton 2 Ohio
Materials & Treatment Co Inc North Ave &
3rd Milwaukee 12 Wis
Minnesota Mining & Mfg Co 900 Fauquier Ave
St Paul 6 Minn

Mobile Paint Mfg Co PO Box 1686 Mobile Ala
Monsanto Chemical Co 1700 S Second St
St Louis 4 Mo

Osborne Wood Preserving Co of America 980
Ellicott St Buffalo 9 NY
PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE BLVD PITTSBURGH 22 PA

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Puritan Sales Co Atlanta Ga

Rockford Paint Mfg Co 200 Sayre St Rock-
ford Ill
Standard Coated Prods Inc Buchanan NY
Standard Industrial Prods 1500 Park St
Evanston 4 Ind

Sullivan Co The 212 E Trigg Memphis Tenn
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Vita-Var Corp 10 Commerce Ct Newark NJ

Weather Seal Co 19 E Pearl St Cincinnati 2
Ohio

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phis Tenn
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Wood Treating Chemicals Co 5137 Southwest
Ave St Louis 10 Mo

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Flexrock Co 36th & Filbert Sts Philadelphia 4
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Penetone Co The 74 Hudson Ave Tenafly NJ
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Barr (W M) & Co PO Box 3518 Memphis 6
Tenn

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Baxter (J H) & Co 200 Bush St San Fran-
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Louis 5 Mo
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Cuprinol Div Darworth Inc 56 Maple St Sims-
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Dow Chemical Co 1000 Main St Midland Mich
DuPont De Nemours (E I) & Co Inc 1007
Market St Wilmington 98 Del

Elliott Paint & Varnish Co 4523 Fifth Ave
Chicago 24 Ill
Flexrock Co 36th & Filbert Sts Philadelphia
4 Pa

Fox Bros Mfg Co 2717 Sidney St St Louis 4 Mo
General Paint Corp 2627 Army Street San
Francisco Calif

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CLEVELAND 2 OHIO
Goss Chemical Co Inc 1100 Hickory Kansas
City 7 Mo

Hill-Smith Termit Control Co 104 Commerce
Bldg Memphis Tenn
Horn (A C) Co Inc Tenth St & 44th Long
Island City 1 NY

Kedmont Mfg Co 330 S Dearborn Chicago 4
Ill
Kirk (E & F) & Co Inc 640 Pleasant St Nor-
wood Mass

Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa
Lawrence (W W) & Co 1124-32 W Carson
Pittsburgh 19 Pa

Lowe Bros 436 E 3rd St Dayton 2 Ohio
Materials & Treatment Co Inc North Ave &
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waukee 4 Wis

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Moore (Benjamin) & Co 511 Canal St New
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Mortell (J W) Co 550 N Hobbie Ave Kanka-
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Nelsonite Chemical Prods Inc 900 Monroe Ave
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Evanston 4 Ind

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Pa

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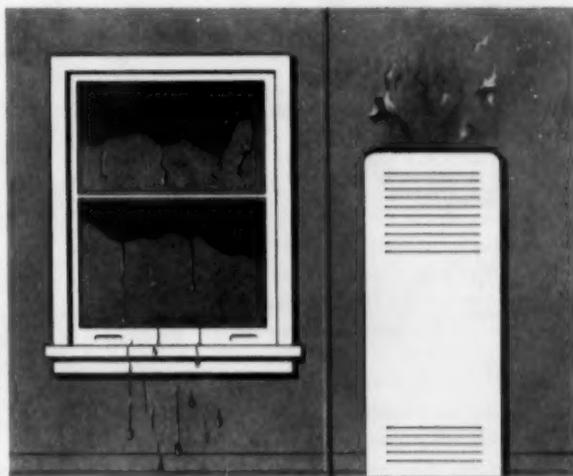
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- durable all-metal construction, can't break or crack, highly corrosion resistant.

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apolis Minn
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Architectural Plan Service Inc 89-51 164th
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Chicago Pump Co 622 Diversey Pkwy Chicago
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Decatur Pump Co 2750 Nelson Park Rd De-
catur Ill
DEMING CO 42 BROADWAY SALEM OHIO
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MICH**
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Minneapolis 21 Minn
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Calif
Piqua Machine & Mfg Co The 441 S College
St Piqua Ohio
Roth (Roy E) Co 2484 4th Ave Rock Island Ill
Taco Heaters Inc 1160 Cranston St Cranston 9
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THRUSH (H A) & CO PERU IND
Uniflow Mfg Co 1525 E Lake Rd Erie Pa
Wayne Home Equipment Co Inc 801 Glasgow
Ave Fort Wayne 4 Ind

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waukee 1 Wis
American Well Works 100 N Broadway Aurora
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Aurora Pump Co 789 Dearborn Aurora Ill
Barnes Mfg Co 651 N Main St Mansfield Ohio
**BELL & GOSSETT CO 8200 AUSTIN MOR-
TON GROVE ILL**
Brown & Sharpe Mfg Co 235 Promenade St
Providence RI
C H & E Mfg Co 3849 N Palmer St Mil-
waukee 12 Wis
Chain Belt Co 4680 W Greenfield Milwaukee 1
Wis

Chicago Pump Co 622 Diversey Pkwy Chicago
14 Ill
**CONSTRUCTION MACHINERY CO 420
VINTON ST WATERLOO IOWA**
Decatur Pump Co 2750 Nelson Park Rd De-
catur Ill
DEMING CO 42 BROADWAY SALEM OHIO
Dempster Mill Mfg Co 711 S Sixth St Beatrice
Neb
Dunham (C A) Co 400 W Madison St Chicago
6 Ill
Economy Div Wheeler Mfg Co 19th & Lehigh
Philadelphia 32 Pa
Erie Pump & Engine Works 151 Glenwood Ave
Medina NY
Essick Mfg Co 1950 Santa Fe Ave Los Angeles
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Everite Pump & Mfg Co Inc 617 N Prince
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Fairbanks Morse & Co 600 S Michigan Ave
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Jacuzzi Bros Inc 5327 Jacuzzi Ave Richmond
Calif
Kenco Inc 1125 N Ridge Rd Lorain Ohio
Lancaster Pump & Mfg Co Inc Manheim Pike
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Marlow Pumps Box 566 Ridgewood NJ
Master Mechanic Mfg Co Route 83 Burlington
Wis
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buque Iowa
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Piqua Machine & Mfg Co 441 S College St
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Red Jacket Mfg Co 1051 S Rollf Davenport
Iowa
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Trane Co 3rd & Cameron La Crosse Wis
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C H & E Mfg Co 3849 N Palmer St Milwaukee
12 Wis
Chain Belt Co 4680 W Greenfield Milwaukee 1
Wis
Chicago Pneumatic Tool Co 6 E 44th St New
York 17 NY
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Neb
Essick Mfg Co 1950 Santa Fe Ave Los Angeles
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Calif

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Wis
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Dayton 1 Ohio
Decatur Pump Co 2750 Nelson Park Rd De-
catur Ill
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DEMING CO 42 BROADWAY SALEM OHIO
Dempster Mill Mfg Co 711 S Sixth St Beatrice
Neb
Everite Pump Mfg Co Inc 617 N Prince St
Lancaster Pa
**FLINT & WALLING MFG CO INC 95 OAK
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York NY
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Lancaster Pa
McDonald (A Y) Mfg Co 1200 Pine St Du-
buque Iowa
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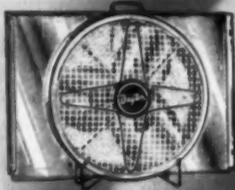
American Line Lowell Mich
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Wayne Home Equipment Co Inc 801 Glasgow
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Worthington Corp Harrison & Worthington
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Ill
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Neb
Economy Div Wheeler Mfg Co 19th & Lehigh
Philadelphia 32 Pa
Essick Mfg Co 1950 Santa Fe Ave Los Angeles
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cago 5 Ill
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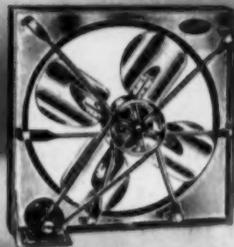
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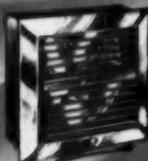
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Pecora Paint Co Inc Fourth St & Rdr RR Philadelphia 40 Pa
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Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich
STERLING PAINT & VARNISH CO 184 COMMERCIAL ST MALDEN 48 MASS
Sullivan Co The 212 E Trigg Memphis Tenn

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Blue Ridge Tale Co Inc Henry Va
Briggs-Maroney Co Inc 85 Paris St Everett 49 Mass
Concor Co 4550 Main St Kansas City Mo
Dicks-Pontius Co 5300 Huberville Rd Dayton Ohio
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
Felton Sibley & Co Inc 136 N Fourth St Philadelphia 6 Pa
Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa
Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill
King (E & F) & Co Inc 640 Pleasant St Norwood Mass
Landon Putty Works 45 Irving St Malden Mass
Lieblich (G J) Co 931 N Ogden Ave Chicago 22 Ill

MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA

**Use Nu-GLAZE GLAZING
COMPOUND INSTEAD OF PUTTY!**

See Pages 56-59

SOLD BY

HARDWARE & LUMBER DEALERS

**MACKLANBURG-DUNCAN CO.
OKLAHOMA CITY, OKLA.**

Mar-Kay Mfg Co 2715 S Second St St Louis Mo
McGuffie (W W) & Co 3400 Theurer Ct Cleveland 9 Ohio
Parker (Ira) & Sons Oakosh Wis
Pecora Paint Co Inc Fourth St & Rdr RR Philadelphia 40 Pa
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich
Smooth-On Mfg Co 574 Communipaw Jersey City 4 NJ
Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo
STERLING PAINT & VARNISH CO 184 COMMERCIAL ST MALDEN 48 MASS

► PUTTY, OIL

Armstrong Co 1001 E 103rd St Chicago 28 Ill
Biddle Co 608-624 S Main St Louis 2 Mo
Blue Ridge Tale Co Inc Henry Va
Boyle-Midway Inc 22 E 40th St New York 16 NY
Briggs-Maroney Co Inc 85 Paris St Everett 49 Mass
Concor Co 4550 Main St Kansas City Mo
Dicks-Pontius Co 5300 Huberville Rd Dayton Ohio
DuPont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del
Felton Sibley & Co Inc 136 N Fourth St Philadelphia 6 Pa
Fort Pitt Chemical Co 26th & Smallman Sts Pittsburgh 22 Pa
Fuller (W P) & Co 301 Mission St San Francisco 19 Calif
GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
Hooker Glass & Paint Mfg Co 659 W Washington Chicago 6 Ill
Horn (AC) Co Inc Tenth St & 44th Long Island City 1 NY
JOHNS-MANVILLE CORP 23 EAST 40TH ST NEW YORK 18 NY
King (E & F) & Co Inc 640 Pleasant St Norwood Mass
Kuhls (H B) Fred 6411-23 Third Ave Brooklyn 20 NY
Lasting Prods Co Franklinton Rd Baltimore 23 Md
Lichten Co Inc 1210 N Hoyne Chicago 22 Ill
Lieblich (G J) Co 931 N Ogden Ave Chicago 22 Ill

MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Pabco Prods Inc 475 Brannan St San Francisco Calif
Parker (Ira) & Sons Oakosh Wis
Pecora Paint Co Inc Fourth St & Rdr RR Philadelphia 40 Pa
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Plastic Prods Co 6473 Georgia Ave Detroit 11 Mich
Schalk Chemical Co 351 E Second St Los Angeles 12 Calif
Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich
Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo
STERLING PAINT & VARNISH CO 184 COMMERCIAL ST MALDEN 48 MASS
Sullivan Co The 212 E Trigg Memphis Tenn
Tamm Industries Inc 228 N La Salle St Chicago 1 Ill
Truscon Laboratories Div DeVoe Reynolds Co Caniff at Grand Trunk Ry Detroit 11 Mich
Webb Prods Co 216 S "G" St San Bernardino Calif
Wethrill (George D) & Co Inc 113 Arch St Philadelphia 6 Pa

► PUTTY, PLASTICIZED, WOOD

Boyle-Midway Inc 22 E 40th St New York 16 NY
Breinig Bros First & Harrison Hoboken NJ
Douglas & Sturges 475 Bryant St San Francisco Calif
DuPont de Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del
Lacton Glue Mfg Co 611 Broadway New York 12 NY

Mobile Paint Mfg Co PO Box 1686 Mobile Ala
 Steelco Mfg Co 3418 Gratiot St St Louis 3 Mo
 United Gilonite Laboratories 1396 Jefferson Ave Scranton 1 Pa
 Webb Prods Co 216 S "G" St San Bernardino Calif

► **PUTTY, ROOF**

Biddle Co 608-624 S Main St Louis 2 Mo
 Blue Ridge Tale Co Inc Henry Va
 Dad & Lad Co New Lenox Ill
 Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 14 NY
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Seal Rite Caulking Co 17300 Wyoming Ave Detroit Mich
 Smooth-On Mfg Co 574 Communipaw Jersey City 4 NJ
 Stonhard Co 1306 Spring Garden Philadelphia 23 Pa

► **PUTTY, WATER**

Boyle-Midway Inc 22 E 40th St New York 16 NY
 Carbola Chemical Co 46 Harris Rd Natural Bridge NY
 Durham (Donald) Co PO Box 804 Des Moines 4 Iowa
 Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa
 Fuller (H B) Co 181 W Kellogg Blvd St Paul 2 Minn
 Lichten Co Inc 1210 N Hoyne Chicago 2 Ill
PITTSBURGH PLATE GLASS CO 432 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Reardon Co 7501 Page Ave St Louis 14 Mo
 Savogran Co 25 Huntington Ave Boston 16 Mass
 Schalk Chemical Co 351 E Second St Los Angeles 12 Calif
 Sheffield Bronze Paint Corp 17814 Waterloo Cleveland Ohio
 Steelco Mfg Co 3418 Gratiot St St Louis 3 Mo
 Sullivan Co The 212 E Trigg Memphis Tenn
 Tamms Industries Inc 228 N La Salle St Chicago 1 Ill

► **RACEWAYS, WIRE CARRYING**

American Steel & Iron Works 5800 S Lowe Ave Chicago 21 Ill
 Columbia Metal Box Co 260 E 143rd St New York 51 NY
 Kees (F D) Mfg Co 700 Park Ave Beatrice Neb
 Keystone Mfg Co 23328 Sherwood Ave Centerline Mich
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Sierra Electric & Mfg Co 544 E 31 St Los Angeles Calif

► **RADIATORS**

AMERICAN RADIATOR & STANDARD SANITARY CORP BESSEMER BLDG PITTSBURGH 30 PA
 Burnham Corp Boiler Div 2 Main St Irvington NY
DUNKIRK RADIATOR CORP 85 MIDDLE RD DUNKIRK NY
 Modine Mfg Co 1300 DeKoven Ave Racine Wis
 Murray (D J) Mfg Co 1024 Third St Wausau Wis
 National Radiator Co 223 Central Ave Johnstown Pa
 Radiant-Ray Radiation Inc Newington Conn
 Smith (H B) Co Westfield Mass
 United States Radiator Corp Buhl Bldg Detroit 31 Mich
 Utica Radiator Corp 2201 Dwyer Ave Utica 2 NY
VULCAN RADIATOR CO 775 CAPITOL AVE HARTFORD CONN
 Waterfilm Boilers Inc 36-40 New York Ave Jersey City NJ
 Weil-McLain Co Michigan City Ind

► **RADIATORS, BASEBOARD**

KRITZER RADIANT COILS INC 2903 LAWRENCE AVE CHICAGO 15 ILL
 Rome-Turney Radiator Co Rome NY

► **RADIATORS, CONVECTOR**

Acme Electric Heating Co 1217 Washington Boston 18 Mass
BUSH MFG CO 179 SOUTH ST WEST HARTFORD CONN
 Dunham (C A) Co 400 W Madison St Chicago 6 Ill
 Fedders-Quigan Corp Lator & Hancock Sts Trenton NJ
 Knapp-Monarch Co 3501 Bent Ave St Louis 8 Mo

QUIET SASH BALANCE SAVES TIME AND MONEY

It's Easier
 To Install!

SILENT GLIDE

The Only Sash Balance On The Market
 That Properly Balances Windows and
 Stops Window Operation Noise

This is the sash balance that builders prefer because it's easier to install and quiet in operation. You have a feature to sell when the windows of your houses are equipped with Triple Seal Metal Weatherstripping and Silent Glide Sash Balances. The sash is easily movable and there is a perfect seal against wind, dust and dirt.

Savings In Installation

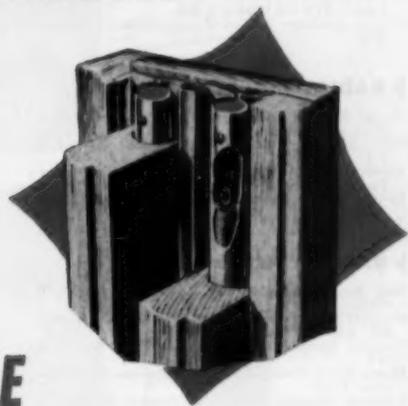
Just two steps are required to install Silent Glide Sash Balances with Triple Seal Metal Weatherstripping. (See illustration at right.) You save time and money on the job!

Perfect Seal

Triple Seal Metal Weatherstripping seals both sash at four points. It's designed to keep the firm contact that seals out cold, wind and dirt.

No Material Loss

Everything for one window comes in one package. It's easier to handle in the mill or on the job. More time savings. Also available in bulk for mill assembly of window units.



FREE — Hand Model

If you are really interested in using and want to know more about the finest combination window unit on the market, write for a free hand model of Silent Glide.

**There's a Greater Demand For
 Air Conditioning**

Be sure your windows are equipped with Triple Seal metal weatherstripping to get the most efficient air conditioning possible.

For information, see your dealer, sash and door jobber or write direct.



The Weatherproof Products Corporation, Box 8498, Kansas City 14, Mo.

Nesbitt (John J.) Inc Stateroad Philadelphia 36 Pa
 Rittling Corp Rand Bldg Buffalo 3 NY
 Rome-Turney Radiator Co Rome NY
WESTER (WARREN) & CO 17TH & FEDERAL STS CAMDEN 5 NJ
 Young Radiator Co 709 S Marquette St Racine Wis

► **RADIATORS, PORTABLE**

Acme Electric Heating Co 1217 Washington Boston 18 Mass
 Burnham Corp Boiler Div 2 Main St Irvington NY
 Electric Steam Radiator Corp 1 Electric Ave Paris Ky
 Sentry Safety Control Corp 1917 W Oxford St Philadelphia 21 Pa

► **RADIOS, FLUSH WALL**

Bell Sound Systems 555 Marion Columbus 7 Ohio
FLUSH WALL RADIO CO 1912 CLEVELAND ST CLEARWATER FLA
 General Electric Co Electronics Park Syracuse NY
 Home Music Systems Inc 644 Madison St Memphis Tenn
 Kennedy Co 1620 Dime Bldg Detroit 26 Mich

► **RAFTERS, LAMINATED**

American Roof Truss Co 1030 E 87th St Chicago 11 Ill
 Johnson (C D) Lumber Company American Bank Bldg Portland Ore
 Laminators Inc 825 E Eastern Ave Janesville Wis
 McKeown Bros Co 5303 S Keeler Ave Chicago 32 Ill
 Prefabricated Prods Co Inc Dexter Horton Bldg Seattle 4 Wash
ILCO LAMINATED PRODS INC 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
 Super-Structures Inc 1915 S Jefferson Albert Lea Minn
TIMBER STRUCTURES INC PO BOX 3782 PORTLAND 8 ORE
 Unit Structures Inc Peshtigo Wis

► **RAILINGS, METAL**

Adams Co The PO Box 268 Dubuque Iowa
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Apex Brass & Bronze Works Inc 116 Walker New York 13 NY
 Arno Drainage & Metal Prods 703 Curtis St Middletown Ohio
 Badger Wire & Iron Works Inc 2933 W Cleveland Milwaukee 15 Wis
 Bellkool Co 623 S State Box 581 Appleton Wis
 Beison Mfg Co East River Rd No Aurora Ill
 Blum (Julius) & Co Inc Carlstadt NJ
 Braun (J G) Co 537 W 35th St New York 1 NY
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 29 CONN
CINCINNATI IRON FENCE CO INC 2101 FLORENCE AVE CINCINNATI 6 OHIO
COFFMA (R G) CO INC PO BOX 1113 ORLANDO FLA
 Columbus Brass Mfg Co 1284 Edgehill Rd Columbus 16 Ohio
 Davis & Siehl Co Dept AB Box 78 Sta A Cincinnati 23 Ohio
 Decatur Iron & Steel Co Second St W Decatur Ala
 Des Moines Ornamental Iron Co 400-4 SE Jackson Des Moines 15 Iowa
 Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
 Fluke (J W) Iron Works 80 Park Pl New York 7 NY
 Grand Rapids Wire Prods Co 501 Front Ave Grand Rapids 4 Mich
 Hawkins Iron Co PO Box 879 Birmingham Ala
HOLLAENDER MFG CO 3819 SPRING GROVE AVE CINCINNATI 23 OHIO
 International Steel Co 1321 Edgar St Evanville 7 Ind
 Kentucky Metal Prods Co 3106 Preston St Louisville 13 Ky
 Locke Mfg Co Ohio St Lodi Ohio
 Logan Co 201 Cabell St Louisville 4 Ky
 Martin-Parry Corp 1455 W Alexis Rd Toledo Ohio
 Mesker (George L) Steel Corp 400 NW First St Evansville 8 Ind
METAL CRAFTERS "P" AVE AT 18TH ST CEDAR RAPIDS IOWA
 Meyers (Fred L) Mfg Co 1176 Hooven Ave Hamilton Ohio
NATIONAL ALUMINUM CO COLUMBUS OHIO
 National Ventilated Awning Co 605 Hall St Dallas 1 Texas
 Newman Bros Inc 660-70 W 4th St Cincinnati 3 Ohio
 Parkey (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY

Samco (Wm J) Iron Co 917 Military Rd Kenmore 17 NY
 Smith (F P) Wire & Iron Works Inc 2340 N Clybourn Chicago 14 Ill
 Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
 Stewart Iron Works Inc PO Box 1039 Cincinnati 1 Ohio
 Superior Industries Inc 3786 Oakwood Ave Youngstown 9 Ohio
 Tennessee Fabricating Co 1490 Grimes St Memphis Tenn
 Valley Metal Prods 222 Young St Marseilles Ill
 Wiemann (Ernest) Iron Works 2035 E 11th Tulsa 4 Okla

► **RAILINGS, WOOD**

CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA
 Farley & Loetscher Mfg Co Dubuque Iowa
 Frost Lumber Industries PO Drawer 1125 Shreveport 96 La
 Hyde-Murphy Co Murphy Bldg Ridgway Pa
 Kinzua Pine Mills Co Kinzua Ore
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Morgan Co 520 Oregon St Oshkosh Wis
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Rose (D M) & Co Rose Pl Knoxville 4 Tenn
 Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Willamette Valley Lumber Co Pacific Bldg Portland Ore

► **RANGES, ELECTRIC, BUILT-IN**

GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY
GLOBE AMERICAN CORP KOKOMO IND

COMPLETE LINE OF ELECTRIC BUILT-IN OVENS & SURFACE UNITS

SET-ON CABINET OVENS & SURFACE UNITS

THE QUALITY LINE ONLY FOR THE QUALITY BUILDER

GLOBE AMERICAN CORPORATION KOKOMO, INDIANA

Manufacturers of Cooking Appliances for over 75 Years.

Norge Div Borg-Warner Corp Room 234 Merchandise Mart Chicago Ill
NORRIS THERMADOR CORP 5215 S BOYLE AVE LOS ANGELES 58 CALIF

FAMOUS PRODUCTS By NORRIS-THERMADOR

- Thermador Built-in and L & H Custom-Built* Electric Ranges
- Thermador Electric Console Ranges
- Thermador Electric Heaters
- Thermador Evaporative Coolers
- Thermador Electric Water Heaters
- Norris-Thermador porcelain-on-steel Plumbingware

*Reg. U. S. Pat. Office

NORRIS-THERMADOR CORPORATION

5215 South Boyle Ave., Los Angeles 58, Calif.

Division: Thermador Electrical Manufacturing Co.
 Los Angeles 22, California
 Subsidiary: A. J. Lindemann & Nover, Inc.
 Milwaukee 15, Wisconsin

Rutenber Electric Co Inc Marion Ind
 Stevens (Geo T) & Associates 612 N Michigan Ave Chicago 11 Ill
STIGLITZ CORP INC 2007 PORTLAND AVE LOUISVILLE KY

Stiglitz

INFRA-AIRE BUILT-IN RANGES

INSERT AND STACK-ON OVENS SELF CONTAINED AND FRONT CONTROL COOKING TOPS 4-BURNER AND 2-BURNER MODELS GRIDDLES

For Complete Specifications

SEE PAGE 243

TAPPAN STOVE CO 250 WAYNE ST MANSFIELD OHIO
 THERMADOR ELECTRICAL MFG CO 5119 DISTRICT BLVD LOS ANGELES CALIF
 WESTINGHOUSE ELECTRIC CORP ELECTRIC APPLIANCE DIV 246 E 4TH ST MANSFIELD OHIO

► **RANGES, ELECTRIC**

ADMIRAL CORP 3800 W CORTLAND CHICAGO 47 ILL
 American & Southern Corp 1000 6th S Nashville Tenn
 Coolerator Co The 128 W First St Duluth 1 Minn
CROSLBY DIV AVCO MFG CORP 1329 ARINGTON ST CINCINNATI 25 OHIO
 Crown Stove Works 4627-35 W 12th Pl Chicago 50 Ill
 Dearborn Stove Co 1700 W Commerce St Dallas Texas
 Deepfreeze Appliance Div Motor Prods Corp 2301 Davis St N Chicago Ill
 Detroit Michigan Stove Co 6900 Jefferson Ave Detroit 7 Mich
 Excelsior Stove & Mfg Co 534 S Front St Quincy Ill
 Frigidaire Div General Motors Corp 300 Markham St Dayton 1 Ohio
 General Chef 4536 E Dunham St Los Angeles 23 Calif
GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY
 Gibson Refrigerator Co 515-615 W Williams Greenville Mich
 Gray & Dudley Co 2300 Clifton Rd Nashville Tenn
HOTPOINT CO 5600 W TAYLOR ST CHICAGO 44 ILL
 Kelvinator 14250 Plymouth Rd Detroit 32 Mich
 Kennedy Co 1620 Dime Bldg Detroit 26 Mich
 Magic Chef Inc 1641 S Kingshighway St Louis 10 Mo
 Majestic Mfg Co 4550 Gustine St St Louis 16 Mo
 Monarch Malleable Iron Range Co Beaver Dam Wis
 Montag Stove & Furnace Works 2011 N Columbia Blvd Portland Ore
 Norge Div Borg-Warner Corp Room 234 Merchandise Mart Chicago Ill
 Odin Stove Mfg Co 342 W 12th Erie Pa
PERFECTION STOVE CO 7609 PLATT AVE CLEVELAND 4 OHIO
 Philco Corp Tioga & "C" Sts Philadelphia 34 Pa
 Preway Inc 1430 Second St N Wisconsin Rapids Wis
 RCA Estate Appliance Corp Hamilton Ohio
 Rutenber Electric Co Inc Marion Ind
STIGLITZ CORP 2007 PORTLAND AVE LOUISVILLE KY
TAPPAN STOVE CO 250 WAYNE ST MANSFIELD OHIO
 Tennessee Stove Works 14th at Belt Ry Chattanooga Tenn
THERMADOR ELECTRICAL MFG CO 5215 BOYLE VERNON CALIF



Everlasting shopper appeal with built-in COLOR

Drab store fronts today do not pay! Customers are attracted by colorful Kawneer Zourite (porcelain-enameled or alumilited aluminum). It is a facing material that resists chipping, cracking and fading, providing years and years of shopper appeal. Use it as a sign backing, and as a covering for columns, pilasters, bulkheads, soffits and pylons. Plan now to remodel store fronts with practically no interference to normal operations using Kawneer Zourite, doors, store-front metal and sun-control products. See your Kawneer dealer or write for additional information.



Kawneer Aluminum Zourite Facing in ten attractive colors

- Velvet Black
- Alumilite
- Alumilite Gray
- Academy Blue
- Marine Blue
- Harvest Brown
- Spring Green
- Sunset Red
- Winter White
- Flame Orange



Universal Major Electric Appliance Co Box 119
Lima Ohio
Washington Stove Works 3402-22 Smith St
Everett Wash
**WELBILT STOVE CO INC 57-18 FLUSHING
AVE MASPETH LI NY**
WESTINGHOUSE ELECTRIC CORP ELEC
APPLIANCE DIV 246 E 4TH ST MANS-
FIELD OHIO
WESTINGHOUSE ELECTRIC CORP PO BOX
868 PITTSBURGH 20 PA

▶ RANGES, ELECTRIC, BUILT-IN

**THERMADOR ELECTRIC MFG CO 5215
BOYLE VERNON CALIF**

▶ RANGES, GAS

American & Southern Corp 1000 6th S Nash-
ville Tenn
Athens Stove Works Inc Hicks St Athens Tenn
Brown Stove Works Inc Cleveland Tenn
Calorie Stove Corp Topon Pa
Chambers 2464 N Meridian St Indianapolis Ind
Cribben & Sexton Co 700 N Sacramento Chi-
cago 12 Ill
Crown Stove Works 4627-35 W 12th Pl Chicago
50 Ill
Dearborn Stove Co 1700 W Commerce St Dallas
Texas
Detroit Michigan Stove Co 6900 Jefferson Ave
Detroit 7 Mich
Excelsior Stove & Mfg Co 534 S Front St
Quincy Ill
Florence Stove Co Room 1459 Merchandise
Mart Chicago 53 Ill
Gem City Stove Mfg Co Quincy Ill
General Chef 4536 E Dunham St Los Angeles
23 Calif
Glenwood Range Co 300 W Water St Taunton
Mass
Globe American Corp Box 740 Kokomo Ind
Gray & Dudley Co 2300 Clifton Rd Nashville
Tenn
Hardwick Stove Co Cleveland Tenn
Harms All Gas Co Allison Iowa
Karr Range Co 7th & Harrison Sts Belleville
Ill
Magic Chef Inc 1641 S Kingshighway St Louis
10 Mo
Majestic Mfg Co 4500 Gustine St St Louis 16
Mo
Maytag Co Newton Iowa
Monarch Malleable Iron Range Co Beaver Dam
Wis
Mt Vernon Furnace & Mfg Co Mount Vernon
Ill
Norge Div Borg-Warner Corp Room 234 Mer-
chandise Mart Chicago Ill
Olin Stove Mfg Co 342 W 12th Erie Pa
O'Keefe & Merritt Co 3700 E Olympic Blvd Los
Angeles 23 Calif
Parson Utilities Corp 50 Van Dam St Brook-
lyn NY
**PERFECTION STOVE CO 7609 PLATT AVE
CLEVELAND 4 OHIO**
Preway Inc 1430 Second St N Wisconsin Rap-
ids Wis
RCA Estate Appliance Corp Hamilton Ohio
Rheem Mfg Co 901 Chesley Ave Richmond Calif
Rheem Mfg Co 4361 Firststone South Gate Calif
Roberts & Wanda Div Burns (J C) Inc 31st &
Oxford Sts Philadelphia 21 Pa
Roper (Geo D) Corp Blackhawk Pk Ave Rock-
ford Ill
Sexton (S B) Stove & Mfg Co 502 W Conway
St Baltimore Md
Sunray Stove Co Grand Div 155 S Sandusky
Delaware Ohio
**TAPPAN STOVE CO 250 WAYNE ST MANS-
FIELD OHIO**
Tennessee Stove Works 14th at Belt Ry Chat-
anooga Tenn
Washington Stove Works 3402-22 Smith St
Everett Wash
**WELBILT STOVE CO INC 57-18 FLUSHING
AVE MASPETH LI NY**
Western Holly Appliance Co 8536 Hays St
Culver City Calif
Western Stove Co Inc 8536 Hays St Culver
City Calif

▶ RANGES, GAS & ELECTRICAL REFRIGERATOR COMBINATION

Acme National Refrigeration Co 29-24 40th Ave
Long Island City NY
Earle Kitchen Unit Co 114 E 63rd St New York
NY
General Chef 4536 E Dunham St Los Angeles
23 Calif
Glenwood Range Co 300 W Water St Taunton
Mass

▶ RECEIVERS, GARBAGE

Adams Co The PO Box 268 Dubuque Iowa
Allen Steel Prods Inc 2941 E Ten Mile Rd
Hazel Park Mich
Beh & Co Inc 1150 Broadway New York NY
Dietrich Bros Inc 2700 Loch Haven Baltimore
18 Md
**DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO**
Kraus (Walter S) Co 48-02 43rd St Woodside
77 NY

Lawson (F H) Co Evans & Whately St Cincin-
nati 4 Ohio
Leigh Building Prods Div Air Control Prods
Inc Glade St at Larch Coopersville Mich
MAJESTIC CO HALL ST HUNTINGTON IND
Master Metal Prods Inc Box 95 Buffalo 5 NY
Nenco 250 N 12th St Milwaukee Wis
Northwest Metal Prods Inc 55 Spokane St
Seattle 4 Wash
Reeves Steel & Mfg Co 6 Iron Ave Dover Ohio
Vestal Mfg Co PO Box 152 Sweetwater Tenn
Witt Cornice Co 2118 Winchell Ave Cincinnati
14 Ohio

▶ RECEIVERS, PACKAGE

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel
Park Mich
**CLEVELAND STEEL SPECIALTY CO 3771 E
91ST ST CLEVELAND 5 OHIO**
Copco Steel & Engineering Co 14035 Grand
River Ave Detroit 27 Mich
**DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO**
Excel Metal Cabinet Co Inc 1938 Johnson
Jamestown NY
Gabriel Steel Co 13700 Sherwood St Detroit 12
Mich
Harris Inc 200 E Long St Columbus Ohio
Ideal Cabinet Corp 5131 Dempster St Skokie Ill
Leigh Building Prods Div Air Control Prods
Inc Glade St at Larch Coopersville Mich

▶ REFRIGERATORS, ELECTRIC

**ADMIRAL CORP 2800 W CORTLAND CHI-
CAGO 47 ILL**
Amana Society Amana Iowa
Ben-Hur Mfg Co 634 E Keefe Ave Milwaukee
12 Wis
Coolerator Co The 128 W First St Duluth 1
Minn
**CROSBY DIV AVCO MFG CORP 1329
ARLINGTON ST CINCINNATI 25 OHIO**
Deepfreeze Appliance Div Motor Prods Corp
2301 Davis St N Chicago Ill
Friedrich (Ed) Inc 1115 E Commerce San An-
tonio Tex
Frigidaire Div Gen Motors Corp 300 Markham
St Dayton 1 Ohio
General Chef 4536 E Dunham St Los Angeles
23 Calif
**GENERAL ELECTRIC CO APPLIANCE
PARK LOUISVILLE 1 KY**
General Refrigerator Corp 678 Broadway New
York 12 NY
Gibson Refrigerator Co 515-615 W Williams
Greenville Mich
Herbol (L B) Corp 325 N Wells St Chicago
10 Ill
**HOTPOINT CO 5000 W TAYLOR ST CHI-
CAGO 44 ILL**
International Harvester Co 180 N Michigan
Ave Chicago 1 Ill
Jewett Refrigerator Co 2 Letchworth St Buf-
falo 15 NY
Jordan Refrigerator Co 7900 Tabon Rd Phila-
delphia 11 Pa
Kelvinator 14250 Plymouth Rd Detroit 32
Mich
Kennedy Co 1620 Dime Bldg Detroit 26 Mich
King Refrigerator Corp 76-02 Woodhaven Blvd
Glendale LI NY
Matot (D A) Inc 1539 W Altgeld Chicago 13
Norge Div Borg-Warner Corp Room 234 Mer-
chandise Mart Chicago Ill
Phileo Corp Tioxa & "C" Sts Philadelphia 34
Pa
Potter Refrigerator Corp Buffalo NY
Quicfres Inc PO Box 471 Fond du Lac Wis
REVCO INC DEERFIELD MICH
Seeger Refrigerator Co Arcade at Wells St
Paul Minn
**SERVEL INC 119 N MORTON AVE EVANS-
VILLE 20 IND**
Universal Major Electric Appliance Co Box
119 Lima Ohio
Ward Refrigerator Co 6501 S Alameda Los
Angeles 1 Calif
**WESTINGHOUSE ELECTRIC CORP ELEC-
TRIC APPLIANCE DIV 246 E 4TH ST
MANSFIELD OHIO**

▶ REFRIGERATORS, GAS

Harms All Gas Co Allison Iowa
**SERVEL INC 119 N MORTON AVE EVANS-
VILLE 20 IND**

▶ REGISTERS, HEATING AND VENTILATING

Auer Register Co 6600 Clement Ave Cleveland
5 Ohio
Badger Corrugating Co 1801 West Ave S La
Crosse Wis
Bennett-Ireland Inc 23 State St Norwich NY
Berger Corp Belle Vernon Pa
Char-Gale Mfr Co 4325 Hiawatha Minneapolis
Minn

Dole Valve Co 1923 Carroll Ave Chicago 12 Ill
Excelsior Stove & Mfg Co 534 S Front St
Quincy Ill
Front Rank Mfg Co Div Liberty Foundry Co
2500 Ohio Ave St Louis 4 Mo
**GERWIN INDUSTRIES 214 SPRING MICH-
GAN CITY IND**
Hart & Cooley Mfg Co 500 E 8th St Holland
Mich
**INLAND STEEL PRODS CO 4111 W BURN-
HAM MILWAUKEE WIS**
International Oil Burner Co 3800 Park Ave St
Louis 10 Mo
Krauser-Boyd Inc 553 River Rd N Tonawanda
NY
Leigh Building Prods Div Air Control Prods
Inc Glade St at Larch Coopersville Mich
Lima Register Co 651 N Baxter St Lima Ohio
MAJESTIC CO HALL ST HUNTINGTON IND
**MINNEAPOLIS-HONEYWELL REGULATOR
CO 2747 S FOURTH AVE MINNEAPOLIS
8 MINN**
Parker (S) Hardware Mfg Corp 27 Ludlow St
New York 2 NY
Standard Steel Cabinet Co 3701 N Milwaukee
Chicago 41 Ill
Titus Inc PO Box 810 Waterloo Iowa
**TUTTLE & BAILEY INC 1796 CORBIN AVE
NEW BRITAIN CONN**
United States Register Co 344 E Burnham St
Battle Creek Mich
Viking Mfg Corp 1747 Chester Ave Cleveland
14 Ohio

▶ REPELLENTS, BIRD

Electra Protection Co Inc 11 N Pearl St
Albany 7 NY
Tanglefoot Co 314 Straight Ave Grand Rapids
Mich

▶ REPELLENTS, INSECT

Barrett Div Allied Chemical & Dye Corp 40
Rector St New York 6 NY
California Spray-Chemical Corp Lucas & Ortho
Way Richmond Calif
Calumet Refining Co 4321 S Western Chicago 11
Ill
Carbide & Carbon Chemicals Div Union Carb-
ide & Carbon Corp 30 E 42nd St New York
17 NY
**GLIDDEN CO BEREA RD & MADISON
CLEVELAND 2 OHIO**
Protexol Corp 162 Market St Kenilworth NJ
Unexcelled Chemical Corp 350 Fifth Ave New
York 1 NY

▶ REPELLENTS, WATER

**AMERICAN STA-DRI CO 4019 38TH ST
BRENTWOOD MD**
Armour Laboratories Inc Commercial & Duran
Glendale 3 Calif
Blue Ridge Talc Co Inc Henry Va
Boyer Chemical Laboratory Co 2236 S Wabash
Ave Chicago Ill
Central Paint & Varnish Works 59 Prospect
St Brooklyn 1 NY
Chapman Chemical Co 707 Dermon Bldg Mem-
phis Tenn
Concor Co 4550 Main St Kansas City Mo
Cuprindiv Div Darworth Inc 56 Maple St Sim-
sbury Conn
Dasco Co Ing 1602 Thames St Baltimore 31
Md
Dewey Almy Chemical Co 62 Whittemore Ave
Cambridge 40 Mass
Flexrock Co 36th & Filbert Sts Philadelphia 4
Pa
Fort Pitt Chemical Co 26th & Smallman Sts
Pittsburgh 22 Pa
General Electric Co 1 Plastics Ave Pittsfield
Mass
**GENERAL ELECTRIC CO CHEMICAL DIV
SILICONES DEPT MECHANICVILLE RD
WATERFORD NY**
Goss (J C) Co 2941 E Jefferson Detroit 7 Mich
Haynes Prods Co 4007 Farnam St Omaha 3
Neb
Horn (A C) Co Inc Tenth St & 44th Ave Long
Island City 1 NY
Industrial Canvas Prods Corp 15-25 Flax St
Delaware Ohio
Lieblich (G J) Co 931 N Orden Ave Chicago 22
Ill
Merkin (M J) Paint Co Inc 1441 Broadway
New York 18 NY
Morse Co Inc 10703 Quebec Ave Cleveland 6
Ohio
Monsanto Chemical Co 1700 S Second St St
Louis 4 Mo
**PROTECTION PRODUCTIONS MFG CO 2305
SUPERIOR AVE KALAMAZOO 99 MICH**
Protexol Corp 162 Market St Kenilworth NJ
Rock Island Millwork Co 2525 Fourth Ave
Rock Island Ill
Seiditz Paint & Varnish Co 18th & Garfield St
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Sika Chemical Corp 35 Gregory Ave Passaic
NJ
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 Tufferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo
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 Atlas Mineral Prods Co Mertztown Pa
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
 Borden Co Chemical Div 350 Madison Ave New York 17 NY
 DeVoe & Reynolds Co Inc 787 First Ave New York 17 NY
 Firestone Plastics Co PO Box 690 Pottstown Pa
 Fuller (H B) Co 181 W Kellogg Blvd St Paul 2 Minn
 General Electric Co 1 Plastics Ave Pittsfield Mass
GENERAL ELECTRIC CO CHEMICAL DIV SILICONES DEPT MECHANICVILLE RD WATERFORD NY
 Hayes Adhesives Co Inc Union Blvd at Brown St Louis 15 Mo
 Industrial Chemical Sales Div West Virginia Pulp & Paper Co 230 Park Ave New York 17 NY
 Monite Waterproof Glue Co 1093 Monite Bldg Minneapolis Minn
 Monsanto Chemical Co 1700 S Second St St Louis 4 Mo
 Monsanto Chemical Co 100 Monsanto Ave Springfield 2 Mass
 Perkins Glue Co 652 Cannon Ave Lansdale Pa
 Paisley Prods Inc 718 Washington Ave N Minneapolis Minn
 Reilly Tar & Chemical Corp Merchants Bank Bldg Indianapolis 4 Ind
 Sedlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 Tufferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
UNITED STATES PLYWOOD CORP 93 W 44TH ST NEW YORK 36 NY
 United States Rubber Co 1230 Ave of Americas New York 20 NY

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 Boston Lightning Rod Co 1185 East St Dedham Mass
 Brown Lightning Protection Hartford Conn
 Burkett Lightning Rod Co Park & Vine Fremont Ohio
 Electra Protection Co Inc 11 N Pearl St Albany 7 NY
 Giehner Inc 1309 Kendall NE Washington 2 DC
INDEPENDENT PROTECTION CO INC 1663 8 MAIN GOSHEN IND
 National Lightning Protection Co 2348 Eugenia St St Louis 3 Mo
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BETHLEHEM STEEL CO BETHLEHEM PA BIRD & SON INC 47 WILSON ST E WALPOLE MASS
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 58 ILL
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
 Continental Steel Corp 1109 S Main St Kokomo Ind
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
 Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 18 NY
KAISER ALUMINUM & CHEMICAL SALES 1924 BROADWAY OAKLAND 12 CALIF
KEASBEY & MATTISON CO BUTLER AVE AMBLER PA
 Klauer Mfg Co Ninth & Washington Sts Dubuque Iowa
 La Crosse Steel Roofing Co 227 Jay St La Crosse Wis
 Lehon Co Madison at 25th Ave Bellwood Ill
METALBESTOS DIV WALLACE (WM) CO PO BOX 137 BELMONT CALIF
 Newport Steel Corp Ninth & Lowell Sts Newport Ky
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
 Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash
 Old American Roof Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
 Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
REYNOLDS METALS CO BLDG PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
SAINT PAUL CORRUGATING CO 8 END WABASHA ST ST PAUL 1 MINN
TENNESSEE COAL & IRON DIV U S STEEL CORP PO BOX 539 FAIRFIELD ALA
 Tennon Bros Inc 450 N Bellevue Memphis 1 Tenn
 Wheeling Corrugating Co 1134 Market St Wheeling W Va

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 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Hopson (W C) Co 216-220 Grandville Grand Rapids Mich
 Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill
 Macomb Steel Prods Co Macomb Ill
 Simplex Broader Stove Co 220 Grandville SW Grand Rapids Mich

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 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Chemical Supply Co 3540 Norton Cleveland Ohio
 Childers Mfg Co 3620 W 11th St Houston 8 Texas
KAISER ALUMINUM & CHEMICAL SALES INC 1924 BROADWAY OAKLAND 12 CALIF
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
 Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
 Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
REYNOLDS METALS CO BUILDING PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
 Rollton of America 370 W 7th Ave Denver Colo
 Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA

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Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
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 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Childers Mfg Co 3620 W 11th St Houston 8 Texas
KAISER ALUMINUM & CHEMICAL SALES INC 1924 BROADWAY OAKLAND 12 CALIF
 Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
REYNOLDS METALS CO BUILDING PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA

▶ ROOFING, ASBESTOS CEMENT

Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
 Cerasit Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
FLINKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
 Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 18 NY
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Pabco Prods Inc 475 Brannan St San Francisco Calif
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
 Supradur Corp of New York 122 E 42nd St New York 17 NY

▶ ROOFING, ASBESTOS CORRUGATED

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JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 18 NY
KEASBEY & MATTISON CO BUTLER AVE AMBLER PA
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY

▶ ROOFING, ASPHALT ROLL

Amalgamated Roofing Mills 6600 S Central Chicago 38 Ill
 Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BIRD & SON INC 47 WILSON ST E WALPOLE MASS
 Bonafide Mills Inc 295 Fifth Ave New York NY
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Chase Bar Co 309 W Jackson Chicago Ill
FLINKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
 Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill
 Globe Roofing Prods Co Inc 2207 Schrage Whit-ing Ind
 Gold Seal Asphalt Roofing Co PO Box 302 Chicago Heights Ill
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 18 NY
 Lehon Co Madison at 25th Ave Bellwood Ill
 Logan-Long Co 6600 S Central Ave Chicago 38 Ill
 National Mfg Corp 3343 Flanagan St Tonawanda NY
 National Plywoods Inc 2710 Throop St Chicago Ill
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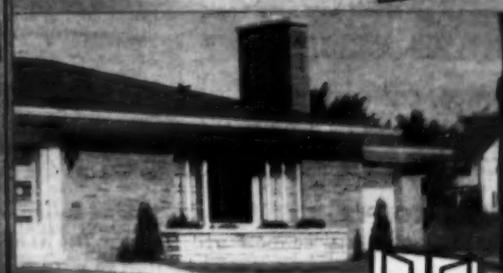
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 Tensko Asphalt Prods Inc 601 N High Joplin Mo
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

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 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Barrett Div Allied Chemical & Dye Corp 40 Reactor St New York 6 NY
BIRD & SON INC 47 WILSON ST E WALPOLE MASS
 Bonafide Mills Inc 295 Fifth Ave New York NY
CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
 Carey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LANSALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Dad & Lad Co New Lenox Ill
 Flexrock Co 36th & Filbert Sts Philadelphia 4 Pa
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
 Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill
 Haynes Prods Co 4007 Farnam St Omaha 3 Neb
JOHN-MANVILLE CORP 22 E 40TH ST NEW YORK 18 NY
 Koppers Co Inc Koppers Bldg Pittsburgh 19 Pa
 Labco Inc 10312 Wilbur Ave Cleveland Ohio
 Lebon Co Madison at 26th Ave Bellwood Ill
 Logan-Long Co 6609 S Central Ave Chicago 38 Ill
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
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 Plymold Co 2707 Tulare Ave Burbank Calif
REFLECTAL CORP SUBSID BORG-WARNER CORP 310 S MICHIGAN AVE CHICAGO 4 ILL
 Reilly Tar & Chemical Corp Merchants Bank Bldg Indianapolis 4 Ind
RUBEROID CO 599 FIFTH AVE NEW YORK 36 NY
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CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
 Edwards Mfg Co Fifth & Butler Sts Cincinnati 2 Ohio
 Glehner Inc 1900 Kendall NE Washington 2 DC
 Homsey (C G) & Co 2860 Second Ave Pittsburgh 19 Pa
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REVERE COPPER & BRASS INC 230 PARK AVE NEW YORK 17 NY

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 Presatite Engineering Co 3900 Chouteau Ave St Louis 10 Mo

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AMERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO

Armo Steel Corp 703 Curtis St Middletown Ohio
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
BERGER DIV REPUBLIC STEEL CORP 1038 BELDEN AVE NE CANTON 5 OHIO
BETHLEHEM STEEL CO BETHLEHEM PA CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
 Chemical Supply Co 2640 Norton Cleveland Ohio
 Cincinnati Sheet Metal & Roofing Co 230 E Front St Cincinnati 2 Ohio
COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Continental Steel Corp 1109 S Main St Kokomo Ind
DETROIT STEEL PRODS CO 2250 E GRAND BLDV DETROIT 11 MICH
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 International Nickel Co Inc 67 Wall St New York 5 NY
 Klauer Mfg Co 9th & Washington Sts Dubuque Iowa
 Mahon (R C) Co PO Box 4666 Detroit 34 Mich
 Mid States Steel & Wire Co Crawfordville Ind
 Newport Steel Corp 9th & Lowell Sts Newport Ky
 Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
 Quaker State Metals Co Manheim Pike at City Byram Lancaster Pa
 Revere Steel & Mfg Co 6 Iron Ave Dover Ohio
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
SAINT PAUL CORRUGATING CO S END WABASH A ST ST PAUL 1 MINN
 Sioux Steel Co Sioux Falls SD
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
 Tension Bros Inc 450 N Bellevue Memphis 1 Tenn
 Tiffin Art Metal Co Box 807 Tiffin 16 Ohio
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1959 ALBERT ST YOUNGSTOWN 1 OHIO
UNITED STATES STEEL CO 525 WILLIAM PENN PL PITTSBURGH 30 PA
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
 Wheeling Steel Corp Wheeling W Va

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Plasteel Prods Corp 15 MacAdam Ave Washington Pa

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 Astrup Co 2937 W 25th St Cleveland 13 Ohio
 Ribb Mfg Co Main & Water Sts Macon Ga
 Fricke (J E) Co 40 N Front St Philadelphia 6 Pa
 Graham (John H) & Co Inc PO Box 1042 New York 8 NY
 Hoffman Lion Mills Co Inc Fall River Mass
 Lambeth Rope Corp 1090 Tarklin Hill New Bedford Mass
 Puritan Cordage Mills Inc 1205 Washington St Louisville 6 Ky
 Rauschenberger (John) Co 423 N Plankington Milwaukee 1 Wis
 Southern Mills Corp Oxford Ala
 Turner & Stanton Co Box 25 Norwich Conn
 United Tent & Supply Co 759 N Spring St Los Angeles Calif
 Whitaker (Wm D) Sedgley & Castor Sts Philadelphia 13 Pa

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American Ladder Co 5509 NW 7th Ave Miami 38 Fla
 American Mfg Co Noble & West Sts Brooklyn 22 NY
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 Astrup Co 2937 W 25th St Cleveland 13 Ohio
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 Columbian Rope Co 309 Genesee St Auburn NY
 Cupples Co 401 S 7th St St Louis 2 Mo
 Fittler (Edwin H) Co Devereaux & Milnor Philadelphia 24 Pa
 Graham (John H) & Co Inc PO Box 1042 New York 8 NY
 Hoffman Lion Mills Co Inc Fall River Mass
 Hosking Paper & Supply 1301 Lake Ave Wilmette Ill
 International Harvester Co 180 N Michigan Ave Chicago 1 Ill
 New Bedford Cordage Co 131 Court St New Bedford Mass
 Newark Ladder & Bracket Co Inc 17 Walnut Ave (Clark) Rahway NJ
 Plymouth Cordage Co Court St N Plymouth Mass
 Rauschenberger (John) Co 423 N Plankington Milwaukee 1 Wis
 St Louis Cordage Mills 11th & Lafayette St Louis 4 Mo
 Tubbs Cordage Co 200 Bush St San Francisco Calif
 Turner & Stanton Co Box 25 Norwich Conn
 United Fibre Co 120 Wall New York 5 NY
 United Tent & Supply Co 759 N Spring St Los Angeles Calif
 Wall Rope Works Inc 48 South St New York 5 NY
 Wall-Tile Mfg Co 5850 W Orden Cicero Ill
 Whitaker (Wm D) Sedgley & Castor Sts Philadelphia 24 Pa
 Whitlock Cordage Co 46 South St New York 5 NY

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AMERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
BETHLEHEM STEEL CO BETHLEHEM PA Broderick & Baseom Rope Co 4203 Union Blvd St Louis 13 Mo
 Colorado Fuel & Iron Corp Clinton Mass
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV US STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Hazard Wire Rope Div American Chain & Cable Co Inc E Ross & Thomas Wilkes-Barre Pa
 Jones & Laughlin Steel Corp 3 Gateway Center Pittsburgh 30 Pa
 LeTourneau-Westinghouse Co 2301 N Adams St Peoria Ill
 MacWhyte Co 2960 14th Ave Kenosha Wis
 Roebblings (John A) Sons Corp 640 S Broad St Trenton 1 NJ
 Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
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 Upon Walton Co 12500 Elmwood Ave Cleveland 11 Ohio
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

► **ROUTERS, ELECTRIC HOMECRAFT**

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 Chicago Wheel & Mfg Co 1101 W Monroe Chicago Ill
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Dumore Co 1300 17th Racine Wis
 Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 Ill
 Ekstrom Carlson & Co 1400 Railroad Ave Rockford Ill
 Hurricane Machine Works 6316 Wentworth Chicago 21 Ill
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
 Porter (C O) Machinery Co 666-68 Front Ave Grand Rapids Mich
 Stanley Electric Tools 400 Myrtle St New Britain Conn
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill

► **RULES, BOARD, LUMBERMEN'S**

Buck (Frank R) & Co 2133 W Touhy Ave Chicago 45 Ill
LUFKIN RULE CO 1730 HESS AVE SAGINAW MICH
 Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn

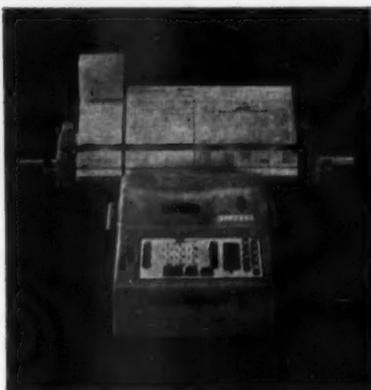
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The Olivetti Printing Calculator cuts overhead costs by making all figure-work quick, easy, and automatic. The printed tape record can be quickly verified for accurate entry; attached to invoices, pay-rolls, lumber tallies and other papers; filed; shown to suppliers and customers. Multiplication and division are completely and uniquely automatic. Costs less than, but does the work of, 2 separate machines: a calculator and a fast 10-key adding machine with direct subtraction.



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olivetti

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 Title.....
 Company.....
 Street.....
 City..... State.....

► RULES, BOXWOOD

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Ridgely Trimmer Co 1300 Kenton St Springfield 99 Ohio
Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn
Universal Drafting Machine Co 7960 Lorain Ave Cleveland 2 Ohio

► RULES, FOLDING

Dietzgen (Eugene) Co 2425 N Sheffield Chicago 14 Ill
Eagle Rule Mfg Corp 505 Hunts Point Ave New York 50 NY
Economy Novelty & Printing Co 227 W 39th St New York 18 NY
EVANS & CO 400-416 TRUMBULL ELIZABETH NJ
General Hardware Mfr Co Inc 80 White St New York 13 NY
Glassers Tool Mfr Co 611 W Adams Chicago 6 Ill
Keuffel & Esser Co 390 Adams St Hoboken NJ
LUFKIN RULE CO 1730 HESS AVE SAGINAW MICH
Master Rule Mfg Co Inc 40 Mulberry St Middletown NY
Ridgely Trimmer Co 1300 Kenton St Springfield 99 Ohio
Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn
Starrett (L S) Co 101 Crescent St Athol Mass
WARREN-KNIGHT CO 136 N 12TH ST PHILADELPHIA 7 PA

► RULES, SLIDE

Dietzgen (Eugene) Co 2425 N Sheffield Chicago 14 Ill
Keuffel & Esser Co 390 Adams St Hoboken NJ
Multi-Add Computer Corp 249 W 34th St New York NY
Parisian Novelty Co 3510 S Western Ave Chicago 9 Ill
Pickett & Eckel Inc 5 S Wabash Ave Chicago 3 Ill
Post (Frederick) Co 333 W Lake St Chicago 11 Ill
Rader (Everett) Co PO Box 122 New York 4 NY
Union Tool Co 48 E River St Orange Mass
WARREN-KNIGHT CO 136 N 12TH ST PHILADELPHIA 7 PA

► RULES, STEEL

Badger Corrugating Co 1801 West Ave So La Crosse Wis
Brown & Sharpe Mfg Co 235 Promenade St Providence RI
CARLSON & SULLIVAN INC 1617 S CALIFORNIA MONROVIA CALIF
Economy Novelty & Printing Co 227 W 39th St New York 18 NY
EVANS & CO 400-416 TRUMBULL ELIZABETH NJ
General Hardware Mfg Co Inc 80 White St New York 13 NY
International Twist Drill Corp 618 Wyandotte St Kansas City 5 Mo
Keuffel & Esser Co 390 Adams St Hoboken NJ
LUFKIN RULE CO 1730 HESS AVE SAGINAW MICH
Master Rule Mfg Co Inc 40 Mulberry St Middletown NY
Miller Falls Co Wells & Devon Greenfield Mass
Ox-Wall Tool Co 928 Broadway New York 10 NY
Roe (Justus) & Sons 1 Roe Court Patchogue LI NY
Shedd-Brown Mfg Co 311-321 5th Ave S Minneapolis Minn
Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn
Starrett (L S) Co 101 Crescent St Athol Mass
Union Tool Co 48 E River St Orange Mass

► SAFES, BUILT-IN WALL

Diebold Inc 818 Mulberry Rd SE Canton 2 Ohio
Dudley Lock Corp 570 W Monroe Chicago Ill
Mellink Steel Safe Co Oakwood & Dawson Toledo Ohio
Mosler Safe Co Hamilton Ohio
Mosler Safe Co 320 Fifth Ave New York 1 NY
REMINGTON RAND INC 315 FOURTH AVE NEW YORK 10 NY

► SALAMANDERS

Adams Co The PO Box 268 Dubuque Iowa
Acurl Prods Co Inc 69 Wesley St S Hackensack NJ

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
COLEMAN CO INC 250 N ST FRANCIS WICHITA 1 KAN
Daniels (C R) Inc Daniels Md
Diener Mfr Co 400 N Monticello Chicago 24 Ill
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
Harms All Gas Co Allison Iowa
Heckmann Building Prods Co 4018 W Lake Chicago 24 Ill
Ideal Cabinet Corp 5131 Dempster St Skokie Ill
Ideal Cabinet Div Des Lauriers Column Mould Co 7722 Joy Road Detroit 4 Mich
International Mfg Co 675 Rio Grande Ave Littleton Colo
Jackson Mfg Co Lochiel Rd Harrisburg Pa
Mohawk Asphalt Heater Co Frankfort NY
Schenz Prods Co 297 E Stowell St Upland Calif
Unique Mfg Co Inc 221 W Walton Chicago Ill

► SANDERS, BELT, DRUM, SPINDLE & DISC

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
American Machine & Foundry Co 511 Fifth Ave New York NY
Atlas Press Co 1901 N Pitcher St Kalamazoo Mich
Beach Mfg Co Mill & Boyer Sta Montrose Pa
BLACK & DECKER MFG CO 690 E PENNSYLVANIA TOWNSHIP 4 MD
BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 5 OHIO
Burgess Vibrocrafters Inc Grayslake Ill
Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY
Curtis Machine Corp 1300 E 2nd St Jamestown NJ
DE WALT INC FOUNTAIN AVE LANCASTER PA
Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 Ill
Ekstrom Carlson & Co 1400 Railroad Ave Rockford Ill
HOLT MFG CO 272 BADGER AVE NEWARK 2 NJ
Holt Mfg Co 669 20th St Oakland 12 Calif
MALL TOOL CO 7740 S SOUTH CHICAGO AVE CHICAGO 19 ILL
Mattison Machine Works 545 Blackhawk Park Rockford Ill
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
Minneapolis Machine & Tool Co Minneapolis 4 Minn
Newman Bros Inc 660-70 W 4th St Cincinnati 3 Ohio
Newman Machine Co Inc 507 Jackson St Greensboro NC
Oliver Machinery Co 1025 Clancy Ave Grand Rapids Mich
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
Reid-Way Sanders 2917 First Ave SE Cedar Rapids Iowa
Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa
Shopmaster Inc 1214 Third St S Minneapolis Minn
SKIL CORP 5033 ELSTON AVE CHICAGO 30 ILL
Thor Power Tool Co 175 N State St Aurora Ill
Toolkraft Corp Plainfield St Springfield 1 Mass
Walker-Turner Div Kearney & Trecker Corp 639 South Ave Plainfield NJ
Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
Yates-American Machine Co 729 Fourth St Beloit Wis

► SANDERS, ELECTRIC, PORTABLE

Albertson & Co Inc Sioux City 2 Iowa
AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
BLACK & DECKER MFG CO 690 E PENNSYLVANIA TOWNSHIP 4 MD
Bradford Machine Tool Co 657-671 Evans St Cincinnati 4 Ohio
Burgess Vibrocrafters Inc Grayslake Ill
Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY
Cincinnati Electric Tool Co Madison & Edwards Rds Cincinnati 8 Ohio
Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich
Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
Detroit Surfacing Machine Co 1333 E 8 Mile Rd Hazel Park Mich
Dremel Mfg Co 2409 18th St Racine Wis
Florboos-Habit Co 4181 W Montrose Chicago 41 Ill
MALL TOOL CO 7740 S SOUTH CHICAGO AVE CHICAGO 19 ILL
Merit Prods Inc 4023 Irving Pl Culver City Calif
Miller Falls Co Wells & Devon Greenfield Mass

MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
National Air Sander Inc 821 Kishwaukee Rockford Ill
Peninsula Tool Co 1200 34th Ave Menominee Mich
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Portable Electric Tools Inc 320 W 83rd St Chicago 20 Ill
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
RED DEVIL TOOLS 136 COIT ST IRVINGTON NJ
Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
SKIL CORP 5033 ELSTON AVE CHICAGO 30 ILL
Speedway Mfg Co 1834 S 52nd Ave Cicero 50 Ill
Stanley Electric Tools 400 Myrtle St New Britain Conn
SYNTRON CO 618 LEXINGTON AVE HOMER CITY PA
Thor Power Tool Co 175 N State St Aurora Ill
U S Electrical Tool Div Emerson Electric Mfg Co 3649 Llewellyn St Cincinnati 23 Ohio
Wen Prods Inc 5806 NW Highway Chicago 31 Ill

► SANDERS, FLOOR

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
Atlas Floor Surfacing Machinery Corp 248 E 34th St New York 16 NY
Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich
Denver Floor & Safety Supply Co 3801 High St Denver Colo
Florboos-Habit Co 4181 W Montrose Chicago 41 Ill
HOLT MFG CO 272 BADGER AVE NEWARK 8 NJ
Holt Mfg Co 669 20th St Oakland 12 Calif
Kent Co Inc 351 Canal St Rome NY
Lincoln-Schluter Floor Machine Co 1250 W Van Buren Chicago 7 Ill
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
RED DEVIL TOOLS 136 COIT ST IRVINGTON NJ
Reid-Way Sanders 2917 First Ave SE Cedar Rapids Iowa
SKIL CORP 5033 ELSTON AVE CHICAGO 30 ILL
Tennant (G H) Co 2566 N Second St Minneapolis Minn

► SASH BALANCES

Air Tite Window Stay Co Chicopee Mass
ALLMETAL WEATHERSTRIP CO 2241 N KNOX AVE CHICAGO 39 ILL
Belmont Smelting & Refining Works 330 Belmont Ave Brooklyn 7 NY
Caldwell Mfg Co 64 Commercial St Rochester 14 NY
CHICAGO METAL STRIP CO 4521 N CLARK ST CHICAGO 40 ILL
Dorbin Metal Strip Mfg Co 2410 S Cicero Ave Chicago 50 Ill
Duplex Inc 634 N Lapeer Dr Los Angeles 46 Calif
Fabry Mfg Co Date & Orange Sts Alhambra Calif
Formetal Inc 109 W Water St Oak Harbor Ohio
Goshen Sash & Door Co East Purl Goshen Ind
GRAND RAPIDS HARDWARE CO 560 11TH ST NW GRAND RAPIDS 2 MICH
Grenz & Son Inc 21-31 Blandin Ave Framingham Mass
Ideal Brass Works Inc 250 E Fifth St St Paul 1 Minn
Industrial Iron Works PO Box 4625 Portland 2 Ore
Leidgen Specialty Co Oconomowoc Wis
Leck-John Window Co 817 NW 61st Oklahoma City 6 Okla
MACKLANBURG-DUNCAN CO 4041 N SANTA FE OKLAHOMA CITY OKLA
MASTER METAL STRIP SERVICE INC 1720 N KILBOURN AVE CHICAGO 39 ILL
Protex Weatherstrip Mfg Co 4508 S Western 6 Chicago Ill
Pullman Mfg Corp 325 Hollenbeck Rochester NY
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
Samson Prods Co 3219 Armitage Ave Chicago 47 Ill
Spurgeon (N B) Co 29 N Wacker Dr Chicago 6 Ill
Star Mfg Inc 109 W Water St Oak Harbor Ohio
TURNER & SEYMOUR MFG CO LAWTON ST TORRINGTON CONN
Unique Balance Co 25 Bruckner Blvd New York 64 NY
Wentzen Prods 6416-18 S Ashland Ave Chicago 36 Ill



A BRIGHT, NEW IDEA IN ASBESTOS ROOFING

American **THATCH**

Pat. No. 2,687,701

by **RUBEROID**

There's real house-selling magic in Ruberoid's new American Thatch Asbestos Shingle. Custom builders and architects who have seen it add their endorsement — American Thatch makes a beautiful roof a sales focal point in any beautiful house.

American Thatch is *new* in every way. Traditional thatch styling — with head and side lap — creates a dramatic, sweeping roof appearance. Its vertical texturing in Black, Green, Brown, Red and White blends adds a color depth that gives powerful sales-on-

sight appeal to new homes of all types.

American Thatch is made of fireproof, practically indestructible asbestos-cement. Ruberoid's famous Duroc® finish insures long life for the new decorator colors through all kinds of weather. Patented storm anchors make application easy . . . and provide rugged security against wind damage.

Ask your dealer for details on American Thatch — the newest "Silent Salesman" for builders in the Ruberoid line.

The **RUBEROID** Co.

ASPHALT AND ASBESTOS BUILDING MATERIALS

APRIL 1955

497

WEATHERPROOF PRODS CORP WALDO
STA BOX 8495 KANSAS CITY 8 MO
Western Foundry Co 2400 SW Water Ave
Portland 1 Ore
ZEGERS INC 8090 SOUTH CHICAGO AVE
CHICAGO 17 ILL

▶ SASH CORD, FIBER

Archer (A W) Co 366 Broadway New York 13 NY
Cleveland Mills Co Lawndale NC
Cupples Co 401 S 7th St St Louis 2 Mo
Fricke (J E) Co 40 N Front St Philadelphia 6 Pa
Goshen Seash & Door Co East Purl Goshen Ind
Graham (John H) & Co Inc PO Box 1042
New York 8 NY
Gregg & Son Inc 21-31 Blandin Ave Fram-
ingham Mass
Hooper (Wm E) & Sons Co 1819-23 Cherry St
Philadelphia Pa
Puritan Cordage Mills Inc 1205 Washington
St Louisville 6 Ky
Rauchensberker (John) Co 423 N Plankinton
Milwaukee 1 Wis
Rock Island Millwork Co 2525 Fourth Ave
Rock Island Ill
Rocky Mount Cord Co Inc PO Box 1271 Rocky
Mount NC
Samson Cordage Works 470 Atlantic Ave
Ruston 10 Mass
Shuford Mills Inc PO Drawer 340 Hickory NC
Silver Lake Co 470 Atlantic Ave Boston 10
Mass
Southern Mills Corp Oxford Ala
Whittier Mills Co Chattahoochee Ga

▶ SASH CORD, WIRE

AMERICAN STEEL AND WIRE DIV U S
STEEL CORP 1420 ROCKEFELLER BLDG
CLEVELAND 13 OHIO
BETHLEHEM STEEL CO BETHLEHEM PA
COLORADO FUEL & IRON CORP CONTI-
NENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV U S STEEL CORP
RUSS BLDG SAN FRANCISCO 4 CALIF
MacWhyrte Co 2860 14th Ave Kenosha Wis
Southern Mills Corp Oxford Ala
Upson Walton Co 12500 Elmwood Ave Cleve-
land 11 Ohio
WICKWIRE SPENCER STEEL 575 MADISON
AVE NEW YORK 19 NY

▶ SASH & DOOR, CUT STOCK, PONDEROSA

Brooks-Scanlon Inc Box 1111 Bend Ore
Burke Millwork Co Fremont Bridge Seattle 3
Wash
Fyrpine Prods Co PO Box 188 Owego Ore
Edward Hines Lumber Co 77 W Washington
St Chicago 2 Ill
Marquart Millwork Co 50 Crape St Oshkosh
Wis
Templeton (Herbert A) Lumber Co 807 Ter-
minal Sales Bldg Portland 5 Ore

▶ SASH, GREENHOUSE

Burke Millwork Co Fremont Bridge Seattle 3
Wash
Cole Mfg Co PO Box 2657 Memphis 2 Tenn
Gregg & Son Inc 21-31 Blandin Ave Fram-
ingham Mass
Metropolitan Greenhouse Mfg Co 1851 Flushing
Ave Brooklyn 37 NY
Morgan Co 520 Oregon St Oshkosh Wis

▶ SASH HOLDERS

AMER HARDWARE CORP CORBIN (P & F)
DIV 102 WASHINGTON ST NEW BRITAIN
CONN
CORBIN (P & F) DIV AMERICAN HARD-
WARE CORP 102 WASHINGTON ST NEW
BRITAIN CONN
Ideal Brass Works Inc 250 E Fifth St St Paul
1 Minn
IVES (H B) CO 5 ARTIZAN ST NEW
HAVEN 8 CONN
LAWRENCE BROS STERLING ILL
Rockford Sash Holder Inc 203 South Main St
Rockford Ill
Roger Co Inc 3718 Chicago Ave Minneapolis
7 Minn
Vikre (J N) Co Inc 1330 Quincy St NE Min-
neapolis Minn

▶ SAW MILLS, MACHINERY FOR

American Saw Mill Machy Co 485 Tate St
Corinth Miss
BELSAW MACHINERY CO 315 WESTPORT
RD KANSAS CITY 11 MO
Champion Blower & Forge Co 1947 Charlotte
Lancaster Pa

Chase Turbine Mfg Co Orange Mass
Corinth Machinery Co 480 Tate St Corinth Miss
Corley Mfg Co Clifton Hills Chattanooga 1
Tenn
Cotton & Hanlon Odessa NY
Cunningham Machinery Corp 725 Ricou St
Shreveport La
Enterprise Co South Main St Columbiana Ohio
Filer & Stowell Co 147 E Becher St Milwaukee
7 Wis
Industrial Iron Works PO Box 4625 Portland 2
Ore
McDonough Mfg Co 1500-1600 Galloway Eau
Claire Wis
Mitta & Merrill 1009 S Water St Saginaw
Mich
Oliver Corp Farquhar (A B) Div 142 N Duke
St York Pa
Turner Mfg Co Wise St Statesville NC
Wheland Co Signal Mountain Rd Chattanooga
5 Tenn
Wood Treating Chemicals Co 5137 Southwest
Ave St Louis 10 Mo

▶ SAW REPAIRS AND ADJUSTMENTS

BELSAW MACHINERY CO 315 WESTPORT
RD KANSAS CITY 11 MO
Chattanooga Sash Works 1512 Williams St
Chattanooga Tenn
Corley Mfg Co Clifton Hills Chattanooga 1
Tenn
Cunningham Machinery Corp 725 Ricou St
Shreveport La
Diaton (Henry) & Sons Inc Unruh & Milnor
Sts Philadelphia 35 Pa
Hanchett Mfg Co 906 N State St Big Rapids
Mich
Hoe (R) & Co Inc 910 E 138th St New York
54 NY
Huther Bros Saw Mfg Co Inc 1290 University
Rochester 7 NY
Lippert (E T) Saw Co 608 Lincoln Ave Pitts-
burgh 9 Pa
Miner & Son Saw Works Shreveport 90 La
Simonds Saw & Steel Co Box 870 Meridian
Miss

▶ SAW SETS

Borg-Warner Co Atkins Saw Div 402 S Illin-
ois St Indianapolis 9 Ind
Beaver Mfg Co 800 S Isla Ave Inglewood 1
Calif
BELSAW MACHINERY CO 315 WESTPORT
RD KANSAS CITY 11 MO
Corley Mfg Co Clifton Hills Chattanooga 1
Tenn
Diaton (Henry) & Sons Inc Unruh & Milnor
Sts Philadelphia 35 Pa
Foley Mfg Co 3300 NE Fifth St Minneapolis
18 Minn
General Hardware Mfg Co Inc 80 White St
New York 13 NY
Hanchett Mfg Co 906 N State St Big Rapids
Mich
Hoe (R) & Co Inc 910 E 138th St New York 54
NY
Huther Bros Saw Mfg Co Inc 1290 University
Rochester 7 NY
Miller Falls Co Wells & Devon Greenfield Mass
Sandvik Saw & Tool Corp 47 Warren St New
York 7 NY
SIMONDS SAW & STEEL CO 470 MAIN ST
FITCHBURG MASS
Smith (Seymour) & Son Oakville Conn
Stanley Tools Div Stanley Works 111 Elm Ave
New Britain Conn
Wardell Mfg Co 3164 Fulton Rd Cleveland 9
Ohio

▶ SAW SWAGES & SHAPERS

BELSAW MACHINERY CO 315 WESTPORT
RD KANSAS CITY 11 MO
Corley Mfg Co Clifton Hills Chattanooga 1
Tenn
Diaton (Henry) & Sons Inc Unruh & Milnor
Sts Philadelphia 35 Pa
Hanchett Mfg Co 906 N State St Big Rapids
Mich
Hoe (R) & Co Inc 910 E 138th St New York
54 NY
Huther Bros Saw Mfg Co Inc 1290 University
Rochester 7 NY
Shopmaster Inc 1214 Third St S Minneapolis
Minn
SIMONDS SAW & STEEL CO 470 MAIN ST
FITCHBURG MASS
Wardell Mfg Co 3164 Fulton Rd Cleveland 9
Ohio

▶ SAWS, BAND

American Saw & Mfg Co 67 Boylston St
Springfield 1 Mass
Borg-Warner Corp Atkins Saw Div 402 S
Illinois St Indianapolis 9 Ind
Atlas Press Co 1901 N Pitcher St Kalamazoo
Mich

▶ BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO

Burgess Vibrocrafters Inc Graylake Ill
Burton Saw Co 31 Foster St Worcester Mass
C H and E Mfg Co 3849 N Palmer St Milwau-
kee 12 Wis
Capewell Mfg Co 60 Governor St Hartford 2
Conn
Clemson Bros Inc Cottage St Middletown NY
Consolidated Machinery & Supply Co Ltd 2031
Santa Fe Ave Los Angeles El Calif
Diaton (Henry) & Sons Inc Unruh & Milnor
Sts Philadelphia 35 Pa
Duro Metal Prods Co 2649 N Kildare Ave
Chicago 39 Ill
Enterprise Co S Main St Columbiana Ohio
Fay & Egan Co 2001 Eastern Ave Cincinnati 2
Ohio
Forberg Mfg Co 125 Seaview Ave Bridgeport
1 Conn
Foster Mfg Co 287 Delaware Buffalo 17 NY
Graham (John H) & Co Inc PO Box 1042
New York 8 NY
Hanchett Mfg Co 906 N State St Big Rapids
Mich
Heinemann (F) Saw & Mfg Co 2017 Navarre
Rd SW Canton 6 Ohio
Heston & Anderson Div St Paul Foundry &
Mfg Co 601 Kirkwood Ave Fairfield Iowa
Hoe (R) & Co Inc 910 E 138th St New York
54 NY
Huther Bros Saw Mfg Co Inc 1290 University
Rochester 7 NY
Jones Superior Machine Co 1270 W North Ave
Chicago 22 Ill
Lippert (E T) Saw Co 608 Lincoln Ave Pitts-
burgh 9 Pa
McDonough Mfg Co 1500-1600 Galloway Eau
Claire Wis
Miller Falls Co Wells & Devon Greenfield Mass
Oliver Machinery Co 1025 Clancy Ave Grand
Rapids Mich
Parks Woodworking Machine Co 1546 Knowl-
ton St Cincinnati 23 Ohio
Payne (R H) & Co 101 W Taylor Ave East
Point Ga
Power (L) & Co Inc 2815 Oakford St Phila-
delphia 46 Pa
Rockwell Mfg Co Delta Power Tool Div 400 N
Lexington Pittsburgh 8 Pa
Shopmaster Inc 1214 Third St S Minneapolis
Minn
SIMONDS SAW & STEEL CO 470 MAIN ST
FITCHBURG MASS
Starrett (L S) Co 101 Crescent St Athol Mass
Tannewitz Works 393 Front Ave NW Grand
Rapids Mich
Toolcraft Corp Plainfield St Springfield 1
Mass
Victor Saw Works Inc 10 Cottage Place Mid-
dletown NY
Walker-Turner Div Kearney & Trecker Corp
639 South Ave Plainfield NJ
Wallace (J D) & Co 136 S California Ave
Chicago 12 Ill
Wheland Co Signal Mountain Rd Chattanooga
5 Tenn
Woods (S A) Machine Co Damrell & Alger St
Boston 27 Mass
Yates-American Machine Co 729 Fourth St
Beloit Wis

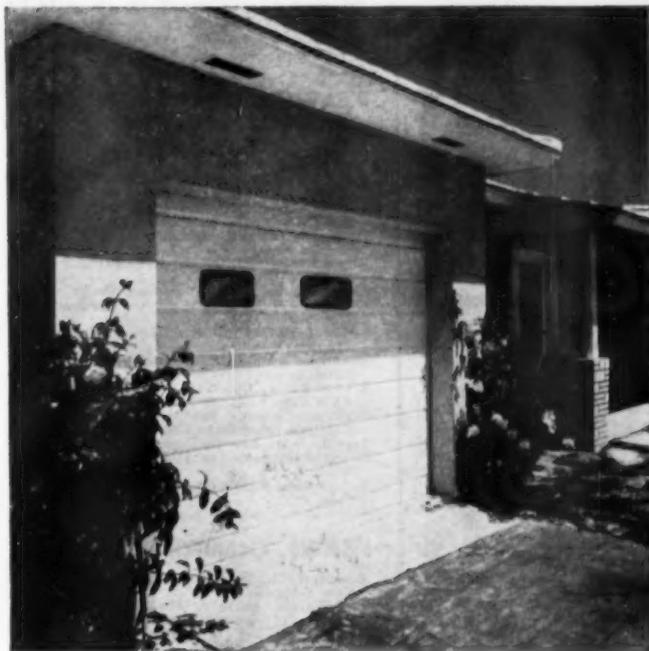
▶ SAWS, BENCH

Borg-Warner Corp Atkins Saw Div 402 S
Illinois St Indianapolis 9 Ind
Atlas Press Co 1901 N Pitcher St Kalamazoo
Mich
BOICE CRANE CO 930 W CENTRAL AVE
TOLEDO 6 OHIO
C H and E Mfg Co 3849 N Palmer St Milwau-
kee 12 Wis
Consolidated Machinery & Supply Co Ltd 2031
Santa Fe Ave Los Angeles 21 Calif
Hanchett Mfg Co 906 N State St Big Rapids
Mich
Heston & Anderson Div St Paul Foundry &
Mfg Co 601 Kirkwood Ave Fairfield Iowa
Jones Superior Machine Co 1270 W North Ave
Chicago 22 Ill
MASTER WOODWORKER MFG CO INC
461-411 E FORT ST DETROIT 25 MICH
Rockwell Mfg Co Delta Power Tool Div 400 N
Lexington Pittsburgh 8 Pa
Shopmaster Inc 1214 Third St S Minneapolis
Minn
Walker-Turner Div Kearney & Trecker Corp
639 South Ave Plainfield NJ
Wallace (J D) & Co 136 S California Ave
Chicago 12 Ill
Wilson Saw Div Media Machine Works 620
Park Ave Media Pa
Yates-American Machine Co 729 Fourth St
Beloit Wis

▶ SAWS, BUCKING

Borg-Warner Corp Atkins Saw Div 402 S
Illinois St Indianapolis 9 Ind
BELSAW MACHINERY CO 315 WESTPORT
RD KANSAS CITY 11 MO
Geneco Tools 1830 N Kostner Ave Chicago 39
Ill
Loeher (Henry A) Co Moen Ave & Thomas
Joliet Ill

HERE'S THE DOOR THAT GIVES YOU MORE!



Lights in Strand door optional

With Strand all-steel Garage Doors, your *installed* cost is reduced by quicker, easier installation. The one-piece door leaf saves assembly time at the job. Factory-assembled hardware (including new adjustable track-hangers) cuts installation time. No prime coat of paint is needed — another saving. All this — on top of amazingly low first cost — resulting from standardization and big volume production concentrated on three door sizes.

Horizontal-line styling adds new beauty to your garage. And — that beauty *lasts*, because Strand Door is all-steel, galvanized with a heavier, hot-dip zinc coat for rust protection. Steel can't *ever* rot, shrink, sag, warp!

Strand has the *heaviest* face sheet and *strongest* framing of any steel door. Steel sheets and frame are all welded; no bolts to work loose. You give your owners lifetime durability.

For only \$5.50 more than the 8' door (factory list) you can provide a 9' Strand door — a full 12" of extra width to save banged-up fenders.

Strand all-steel Garage Doors come in 9' x 7', 8' x 7', and 16' x 7' sizes. Easy to get in a hurry — through 150 distributors and thousands of dealers all over the country.

Strand Garage Doors are the product of a 50-year-old company, which also makes: Fenestra Steel Residence Casements, Projected Windows, Window Walls, Basement and Utility Windows, Metal Trim, Lintels, Metal Residential Swing and Sliding Closet Doors, Stock Steel Industrial and Intermediate Windows.

MORE installation speed . . .

MORE durable beauty . . .

MORE years of trouble-free performance!

5 NEW Features...

- New captive track provides added protection — keeps roller enclosed
- New stainless steel, automotive-type "T" handle has larger grip, more strength, better looks
- New Nylon rollers, for all single receding doors, ensure silent operation
- New round-corner vision lites have continuous auto-type rubber moulding (they're optional at added cost)
- New adjustable track hanger cuts installation time

A 32-page book that will give you a lot of quick and easy garage "know-how." Contains 12 smart designs and sensible floor plans, how-to-build instructions, material lists, driveway sketches, etc.



Strand Garage Door Division
Detroit Steel Products Company
Dept. AB-4, 2242 E. Grand Blvd.,
Detroit 11, Michigan

Please send 32-page booklet of Garage Plans and Ideas. I'm enclosing 10¢ for postage and handling
Please send free Strand literature and Garage Plan

Name _____
Address _____
City _____ State _____

New Sherman Front End Loader with Balanced Combination of REACH...HEIGHT...CAPACITY



Offers Many Exclusive Features

This new Sherman Front End Loader gives you *more for your money!* Loading height up to 10'10" . . . loads to front end of an 8' truck body from rear . . . bucket capacity up to 2500 pounds . . . breakaway capacity up to 4500 pounds . . . yes, these and other carefully engineered design features give you more than any comparable machine.

The husky main frame transmits loads to the tractor rear axle for greater traction and maximum performance with minimum strain on the tractor. Twin heavy duty tilt cylinders crowd bucket or attachments right in to do a man-sized job on excavating, loading, bulldozing, stripping, back-grading, bulk material handling, and many other jobs. Two models—up to 2500 lbs. payload.

The Sherman Front End Loader is economical, easily installed, safe and easy to operate . . . and sold by Ford Tractor dealers everywhere, your assurance of convenient, dependable service. Ask your dealer for an on-the-job demonstration—or write for Bulletin No. 711.



*Manufactured Exclusively for
Sherman Products, Inc. by
Johnson Hydraulic Equipment Co.,
Minneapolis, Minn.

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MALL TOOL CO 7740 S SOUTH CHICAGO
AVE CHICAGO 19 ILL
Sandvik Saw & Tool Corp 47 Warren St New
York 7 NY
SIMONDS SAW & STEEL CO 470 MAIN ST
FITCHBURG MASS
Titan Chain Saws Inc 2700 4th Ave S Seattle
Wash

▶ SAWS, CHAIN, TREE FELLING & BUCKING, POWERED

Borg-Warner Corp Atkins Saw Div 402 S
Illinois St Indianapolis 9 Ind
BELSAW MACHINERY CO 315 WESTPORT
RD KANSAS CITY 11 MO
Daston (Henry) & Sons Inc Unruh & Milnor
Sts Philadelphia 35 Pa
Hansen Machinery & Supply Co 820 Broadway
Eureka Calif
HOMELITE CORP 67 RIVERDALE AVE
PORT CHESTER NY
Jacques Power Saw Co Denison Texas
Lancaster Pump & Mfg Co Inc Manheim Pike
Lancaster Pa
Lombard Governor Corp Main & Pleasant St
Ashland Mass
Lowther (Henry A) Co Moen Ave & Thomas
Joliet Ill
MALL TOOL CO 7740 S SOUTH CHICAGO
AVE CHICAGO 19 ILL
PORTER-CABLE MACHINE CO 1714 N
SALINA ST SYRACUSE 8 NY
Terrill (D D) Saw Co Banor Me
Titan Chain Saws Inc 2700 4th Ave S Seattle
Wash
Vulcan Iron Works Co 1423 Stout St Denver 2
Colo

▶ SAWS, CHAMFERING

American Machine & Foundry Co 511 Fifth Ave
New York NY
Borg-Warner Corp Atkins Saw Div 402 S
Illinois St Indianapolis 9 Ind
DE WALT INC FOUNTAIN AVE LAN-
CASTER PA
Huthier Bros Saw Mfg Co Inc 1290 Univer-
sity Rochester 7 NY
SIMONDS SAW & STEEL CO 470 MAIN ST
FITCHBURG MASS
Western Saw Works 1844 W Washington Los
Angeles Calif

▶ SAWS, CIRCULAR DADO

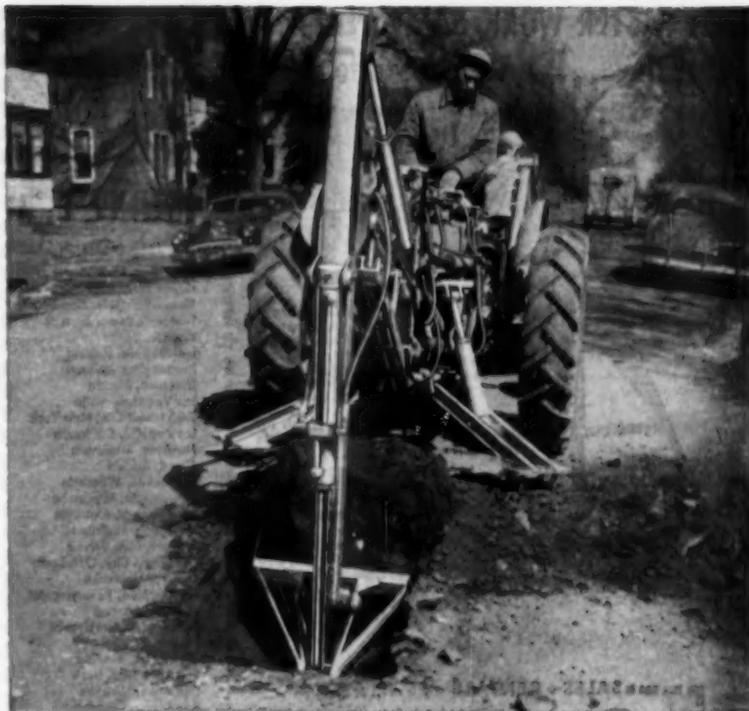
American Machine & Foundry Co 511 Fifth Ave
New York NY
American Woodworking Machinery Co 100
Liberty St Hackettstown NJ
Borg-Warner Corp Atkins Saw Div 402 S
Illinois St Indianapolis 9 Ind
Atlas Press Co 1901 N Pitcher St Kalamazoo
Mich
Beach Mfg Co Mill & Boyer Sts Montrose Pa
BELSAW MACHINERY CO 315 WESTPORT
RD KANSAS CITY 11 MO
BOICE CRANE CO 936 W CENTRAL AVE
TOLEDO 6 OHIO
Chattanooga Saw Works 1512 Williams St
Chattanooga Tenn
DE WALT INC FOUNTAIN AVE LAN-
CASTER PA
Daston (Henry) & Sons Inc Unruh & Milnor
Sts Philadelphia 35 Pa
Duro Metal Prods Co 2649 N Kildare Ave
Chicago 38 Ill
Fay & Egan Co 2091 Eastern Ave Cincinnati
2 Ohio
Forsberg Mfg Co 125 Seaview Ave Bridgeport
1 Conn
Heinemann (F) Saw & Mfg Co 2017 Navarre
Rd SW Canton 6 Ohio
Hoe (R) & Co Inc 910 E 138th St New York
54 NY
Huthier Bros Saw Mfg Co Inc 1290 Univer-
sity Rochester 7 NY
MALL TOOL CO 7740 S SOUTH CHICAGO
AVE CHICAGO 19 ILL
Master Taper Co 4521 N Beacon St Chicago 40
Ill
MASTER WOODWORKER MFG CO INC 401-
411 E FORT ST DETROIT 26 MICH
Media Machine Works Inc 620 Park Ave Media
Pa
PORTER-CABLE MACHINE CO 1714 N
SALINA ST SYRACUSE 8 NY
St Paul Foundry & Mfg Co 500 Como Ave
St Paul 3 Minn
Shopmaster Inc 1214 Third St S Minneapolis
Minn
SIMONDS SAW & STEEL CO 470 MAIN ST
FITCHBURG MASS
Toolkraft Corp Plainfield St Springfield 1 Mass
Walker-Turner Div Kearney & Trecker Corp
639 South Ave Plainfield NJ
Wallace (J D) & Co 136 S California Ave
Chicago 12 Ill
Western Saw Works 1844 W Washington Los
Angeles Calif
Wilson Saw Div Media Machine Works 620
Park Ave Media Pa
Yates-American Machine Co 729 Fourth St
Beloit Wis

► **SAWS, CIRCULAR, INSERTED TOOTH**

American Machine & Foundry Co 511 Fifth Ave New York NY
 American Saw Mill Machinery Co 485 Tate St Corinth Miss
 Borg-Warner Corp Atkins Saw Div 402 S Illinois St Indianapolis 9 Ind
 Beach Mfg Co Mill & Boyer Sts Montrose Pa
BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
 Chattanooga Saw Works 1512 Williams St Chattanooga Tenn
 Corley Mfg Co Clifton Hills Chattanooga 1 Tenn
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Diston (Henry) & Sons Inc Unruh & Milnor Sts Philadelphia 35 Pa
 Hoe (R) & Co Inc 910 E 138th St New York 54 NY
 Huther Bros Saw Mfg Co Inc 1290 University Rochester 7 NY
 Lippert (E T) Saw Co 608 Lincoln Ave Pittsburgh 9 Pa
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 24 MICH
 Meyers (W F) Co 1017 14th St Bedford Ind
 Miner & Son Saw Works Shreveport 90 La
 Payne (B H) & Co 101 W Taylor Ave East Point Ga
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS
 Simonds Saw & Steel Co Box 870 Meridian Miss
 Western Saw Works 1844 W Washington Los Angeles Calif
 Wheland Co Signal Mountain Rd Chattanooga 5 Tenn
 Yates-American Machine Co 729 Fourth St Beloit Wis

► **SAWS, CIRCULAR, SOLID TOOTH**

Albertson & Co Inc Sioux City 2 Iowa
 American Machine & Foundry Co 511 Fifth Ave New York NY
 American Saw Mill Machinery Co 485 Tate St Corinth Miss
 American Woodworking Machinery Co 109 Liberty St Hackensack NJ
 Borg-Warner Corp Atkins Saw Div 402 S Illinois St Indianapolis 9 Ind
 Beach Mfg Co Mill & Boyer Sts Montrose Pa
BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO
 C H & E Mfg Co 3849 N Palmer St Milwaukee 12 Wis
 Chattanooga Saw Works 1512 Williams St Chattanooga Tenn
 Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
 Corley Mfg Co Clifton Hills Chattanooga 1 Tenn
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Diston (Henry) & Sons Inc Unruh & Milnor Sts Philadelphia 35 Pa
 Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 Heinemann (F) Saw & Mfg Co 2017 Navarre Rd SW Canton 6 Ohio
 Hoe (R) & Co Inc 910 E 138th St New York 54 NY
 Holmes (E & B) Machinery Co Inc 59 Chicago St Buffalo 4 NY
 Hutchinson Mfg Co Norristown Pa
 Huther Bros Saw Mfg Co Inc 1290 University Rochester 7 NY
 Lippert (E T) Saw Co 608 Lincoln Ave Pittsburgh 9 Pa
 Lippmann Engineering Works 4603 W Mitchell St Milwaukee 14 Wis
MALL TOOL CO 7749 S SOUTH CHICAGO AVE CHICAGO 19 ILL
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 24 MICH
 Media Machine Works Inc 620 Park Ave Media Pa
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
 Miner & Son Saw Works Shreveport 90 La
 PTL Inc 401 Broadway New York 7 NY
 Payne (B H) & Co 101 W Taylor Ave East Point Ga
 Power (L) & Co Inc 2815 Oakford St Philadelphia 46 Pa
 Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa
 St Paul Foundry & Mfg Co 500 Como Ave St Paul 3 Minn
 Sandvik Saw & Tool Corp 47 Warren St New York 7 NY
SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS
 Simonds Saw & Steel Co Box 870 Meridian Miss
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill



How a Sherman Power Digger Does More Work in Less Time with No Standby Equipment

Nearly every department in the city of Hopkins, Minnesota, finds a use for this versatile Sherman Power Digger.

The Water Department uses the machine when cutting off discontinued service lines at the main. They dig a hole in the street (usually blacktop) 3' wide by 6' long by 8' deep. The hole must be plumbwalled for minimum replacement of paving. This operation used to tie up a truck all day, an air compressor half a day, and two men with hand tools, a full day.

Using a Sherman Power Digger, they now do *three* such jobs in one day, with only one man on the digger, no truck, and no compressor, except for concrete pavement. The job goes faster because they can dig the hole, shut off the line, and backfill before the walls begin to cave. Local soil conditions formerly required cribbing many of these excavations.

If your work involves the construction or maintenance of underground facilities, you will profit with a Sherman Power Digger. It's compact, fast, and flexible, with low initial cost and amazing economy of operation. Write today for full details, without obligation. Ask for Bulletin No. 712.

*Designed, Engineered and Manufactured Jointly by Sherman Products, Inc., Royal Oak, Michigan, Wain-Boy Corporation, Hubbardston, Mass.
 Patent No. 2-303-852
 Other Patents Pending

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GET FASTER WORK, SAFER PLATFORM with WACO Scaffold Jacks



Waco Scaffold Jacks set up in seconds. Dual purpose head accommodates planks or stringers. Lightweight, folding construction permits quick handling and easy storage. Four adjustable sizes reach all wall and ceiling heights up to 17'6".

Used by every trade to reach work faster, finish up faster. Write for Bulletin SJ-1 for complete information.

Contact your nearest Waco office for ways to save time and money on all scaffolding requirements.

Waco Sales Offices

Albany, New York
Atlanta, Georgia
Birmingham, Alabama
Boston, Massachusetts
Buffalo, New York
Charleston, West Virginia
Cheshire, Connecticut
Chicago, Illinois
Cincinnati, Ohio
Cleveland, Ohio
Columbia, South Carolina
Dallas, Texas
Denver, Colorado
Detroit, Michigan
Fort Smith, Arkansas
Forty-Fort, Pennsylvania
Green Bay, Wisconsin
Greensboro, N.C.
Houston, Texas
Indianapolis, Indiana
Kansas City, Missouri
Lakeland, Florida
Las Vegas, Nevada
Long Island City, New York
Los Angeles, California
Mankato, Minnesota
Miami, Florida
Milwaukee, Wisconsin
Minneapolis, Minnesota
Montgomery, Alabama
Muskegon, Michigan
Newark, New Jersey
Oklahoma City, Oklahoma
Omaha, Nebraska
Philadelphia, Pennsylvania
Phoenix, Arizona
Pittsburgh, Pennsylvania
Portland, Oregon
Portsmouth, Virginia
Salt Lake City, Utah
San Antonio, Texas
San Diego, California
San Francisco, California
Spokane, Washington
Stockton, California
Tucson, Arizona
Utica, New York
Washington, D. C.

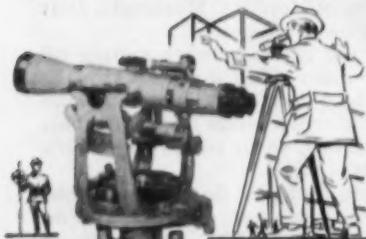
SALES • RENTALS • ESTIMATES



MANUFACTURING COMPANY
3568 Wooddale Ave. • Minneapolis 16, Minn.
WORLD'S FASTEST SCAFFOLDING

Waco-May Co. Licensees Armon Iron Works
Los Angeles Windsor, Canada

10 DAY TRIAL WARREN-KNIGHT TRANSIT-LEVEL



MODEL 386F

Try 10 Days On
Your Job With
No Expense Or
Obligation to
Purchase

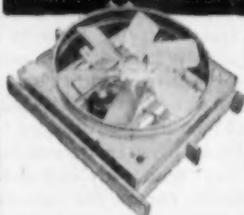
New Model Warren-Knight Transit-Level shown above operates like a transit—but costs only ONE-HALF THE AVERAGE TRANSIT PRICE. Yet, it has the exclusive advantage of being adjusted like a Wye Level. This new instrument has a 24 power internal focusing telescope, coated optics, sealed in objective, covered leveling screws, heavy reinforced horizontal limb, limits vernier reading to one minute, and has a beautiful finish.

Of special advantage are features of design and construction that assure you a greater value per dollar of investment.

Get the full facts. Write for Bulletin F-54



BAR-BROOK Package Unit FANS



For fast low
cost installa-
tion . . . a
size to fit
your need.

Model No.	CFM Free Del.	Colling Opening	Height
AVP-30	5000	31" x 31"	18 1/4"
AVP-36	7500	36" x 36"	18 1/4"
AVP-42	10000	42" x 42"	20 1/4"

Built-in shutter . . . manually or air operated. Fan, motor, fuse-link switch and shutter completely assembled and wired as single unit. U. L. Approved. Contractors say AVP Units are the

easiest installed

on the market . . . cuts time by one hour or more.



BAR-BROOK ATTIC TYPE FANS

Horizontal or vertical op. Sizes from 30" to 54".

Bar-Brook Mfg. Co., Inc.
6135 Linwood Ave., Shreveport, La.



Western Saw Works 1844 W Washington Los Angeles Calif
Wheland Co Signal Mountain Rd Chattanooga 5 Tenn
Wilson Saw Div Media Machine Works 620 Park Ave Media Pa
Yates-American Machine Co 729 Fourth St Beloit Wis

SAWS, CUTOFF, POWERED

American Machine & Foundry Co 511 Fifth Ave New York NY
American Saw & Mfg Co 67 Boylston St Springfield 1 Mass
American Woodworking Machinery Co 100 Liberty St Hackettstown NJ
Bench Mfg Co Mill & Boyer Sts Montrose Pa
BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO
C H & E Mfg Co 3849 N Palmer St Milwaukee 12 Wis
Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
Corinth Machinery Co 480 Tate St Corinth Miss
Corley Mfg Co Clifton Hills Chattanooga 1 Tenn
DE WALT INC FOUNTAIN AVE LANCASTER PA
Enterprise Co 8 Main St Columbiana Ohio
Evans (Robert G) Co 7204 Wyandotte Kansas City 14 Mo
Fay & Egan Co 2901 Eastern Ave Cincinnati 2 Ohio
Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
Heston & Anderson Div St Paul Foundry & Mfg Co 601 Kirkwood Ave Fairfield Iowa
Hoe (R) & Co Inc 910 E 138th St New York 54 NY
Holmes (E & B) Machinery Co Inc 59 Chicago St Buffalo 4 NY
Jones Superior Machine Co 1270 W North Ave Chicago 22 Ill
Lippert (E T) Saw Co 608 Lincoln Ave Pittsburgh 9 Pa
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
Mattison Machine Works 545 Blackhawk Park Rockford Ill
Media Machine Works Inc 620 Park Ave Media Pa
Oliver Machinery Co 1025 Clancy Ave Grand Rapids Mich
Porter (C O) Machinery Co 666-68 Front Ave Grand Rapids Mich
Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa
St Paul Foundry & Mfg Co 500 Como Ave St Paul 3 Minn
Sandvik Saw & Tool Corp 47 Warren St New York 7 NY
Stetson-Ross Machinery Co 3200 1st Ave S Seattle 4 Wash
Stone Machinery Co Stone Bldg Manlius NY
Walker-Turner Div Kearney & Trecker Corp 639 South Ave Plainfield NJ
Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
Western Saw Works 1844 W Washington Los Angeles Calif
Wheland Co Signal Mountain Rd Chattanooga 5 Tenn
Wilson Saw Div Media Machine Works 620 Park Ave Media Pa
Woods (S A) Machine Co Damrell & Alger St Boston 27 Mass
Yates-American Machine Co 729 Fourth St Beloit Wis

SAWS, FOLDING
Geneco Tools 1830 N Kostner Ave Chicago 39 Ill
GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO
Western Saw Works 1844 W Washington Los Angeles Calif

SAWS, GROOVING

American Machine & Foundry Co 511 Fifth Ave New York NY
American Woodworking Machinery Co 100 Liberty St Hackettstown NJ
Bois-Warner Corp Atkins Saw Div 402 S Illinois St Indianapolis 9 Ind
BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
Chattanooga Saw Works 1512 Williams St Chattanooga Tenn
DE WALT INC FOUNTAIN AVE LANCASTER PA
Dixson (Henry) & Sons Inc Unruh & Milnor Sts Philadelphia 35 Pa
Fay & Egan Co 2901 Eastern Ave Cincinnati 2 Ohio
Hoe (R) & Co Inc 910 E 138th St New York 54 NY
Rother Bros Saw Mfg Co Inc 1290 University Rochester 7 NY
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH

Media Machine Works Inc 620 Park Ave Media Pa
SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
 Wilson Saw Div Media Machine Works 620 Park Ave Media Pa
 Woods (S A) Machine Co Damrell & Alger Sta Boston 27 Mass
 Yates-American Machine Co 729 Fourth St Beloit Wis

▶ SAWS, HACK

American Saw & Mfg Co 67 Boylston St Springfield 1 Mass
 Borg-Warner Corp Atkins Saw Div 402 S Illinois St Indianapolis 9 Ind
 Bridgeport Hardware Mfg Corp 461 Iranistan Ave Bridgeport 5 Conn
 Capewell Mfg Co 60 Governor St Hartford 2 Conn
 Clemson Bros Inc Cottage St Middletown NY
 Consolidated Tool Works Torrington Conn
 Crescent Tool Co 200 Harrison St Jamestown NY
 Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 Ill
 Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 Graham (John H) & Co Inc PO Box 1042 New York 8 NY
 K D Mfg Co 526 Plum St Lancaster Pa
 Lipe-Rollway Corp 806 Emerson Ave Syracuse 1 NY
 Marbain Tool Co Inc Box 16 Hudson NY
 Miller Falls Co Wells & Devon Greenfield Mass
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
 Parker Mfg Co 149 Washington St Worcester Mass
 Proto Tool Co 2209 Santa Fe Ave Los Angeles 54 Calif
SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS
 Starrett (L S) Co 191 Crescent St Athol Mass
 Syracuse Alloy Metals Corp 511 N State St Syracuse 5 NY
TRI-SAW CORP 2207 HANLEY INDUSTRIAL CT ST LOUIS 17 MO
 United Wire Goods Mfg Co Inc 1152 Broadway New York NY
 Victor Saw Works Inc 10 Cottage Pl Middletown NY
 Western Saw Works 1844 W Washington Los Angeles Calif
 Wilson Hardware Mfg Co 4432 S State St Chicago 11 Ill

▶ SAWS, HAND

Allway Mfg Co 2961 Bronx Blvd Bronx 60 NY
 American Saw & Mfg Co 67 Boylston St Springfield 1 Mass
 Borg-Warner Corp Atkins Saw Div 402 S Illinois St Indianapolis 9 Ind
 Capewell Mfg Co 60 Governor St Hartford 2 Conn
 Diaton (Henry) & Sons Inc Unruh & Milnor Sts Philadelphia 35 Pa
 Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO
 Graham (John H) & Co Inc PO Box 1042 New York 8 NY
 Pennsylvania Saw Corp York Pa
 Sandvik Saw & Tool Corp 47 Warren St New York 7 NY
 Turner Mfg Co Wise St Statesville NC
 Western Saw Works 1844 W Washington Los Angeles Calif

▶ SAWS, HOLE

American Saw & Mfg Co 67 Boylston St Springfield 1 Mass
BLACK & DECKER MFG CO 600 E PENNSYLVANIA TOWSON 4 MD
 Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY
 Circo Tool Co 3905 W Lisbon Milwaukee Wis
 Miller Falls Co Wells & Devon Greenfield Mass
 Misener Mfg Co Inc 292-8 Walton St Syracuse 2 NY
 Syracuse Alloy Metals Corp 511 N State St Syracuse 3 NY
 Technical Glass Co Inc 2050 E 48th St Los Angeles 58 Calif
 Western Saw Works 1844 W Washington Los Angeles Calif

▶ SAWS, JIG, POWERED

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
 American Machine & Foundry Co 511 Fifth Ave New York NY
 Atlas Press Co 1901 N Pitcher St Kalamazoo Mich
BLACK & DECKER MFG CO 600 E PENNSYLVANIA TOWSON 4 MD

BOICE-CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO

Burgess Vibrocrafters Inc Grayslake Ill
 Dalton Mfg Co 20 S Central Ave St Louis 5 Mo
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Dremel Mfg Co 2409 18th St Racine Wis
 Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 Ill
 Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 Miller Falls Co Wells & Devon Greenfield Mass
 Oliver Machinery Co 1925 Clancy Ave Grand Rapids Mich
 Shopmaster Inc 1214 Third St S Minneapolis Minn
 Toolkraft Corp Plainfield St Springfield 1 Mass
 Walker-Turner Div Kearney & Trecker Corp 639 South Ave Plainfield NJ
 Western Saw Works 1844 W Washington Los Angeles Calif

▶ SAWS, MITER

American Machine & Foundry Co 511 Fifth Ave New York NY
 American Woodworking Machinery Co 100 Liberty St Hackettstown NJ
 Borg-Warner Corp Atkins Saw Div 402 S Illinois St Indianapolis 9 Ind
BOICE-CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Diaton (Henry) & Sons Inc Unruh & Milnor Sts Philadelphia 35 Pa
 Hoe (J) & Co Inc 910 E 138th St New York 54 NY
 Huther Bros Saw Mfg Co Inc 1290 University Rochester 7 NY
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE MILWAUKEE 8 WIS
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
 Shopmaster Inc 1214 Third St S Minneapolis Minn
SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS
 Stanley Tools Div Stanley Wks 111 Elm Ave New Britain Conn
 Tannewitz Works 303 Front Ave NW Grand Rapids Mich
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
 Western Saw Works 1844 W Washington Los Angeles Calif

▶ SAWS, PORTABLE ELECTRIC

Aero Tool & Die Works 4554 Broadway Chicago 40 Ill
AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
 American Machine & Foundry Co 511 Fifth Ave New York NY
 American Woodworking Machinery Co 100 Liberty St Hackettstown NJ
BLACK & DECKER MFG CO 600 E PENNSYLVANIA TOWSON 4 MD
 Bradford Machine Tool Co 657-671 Evans St Cincinnati 4 Ohio
 Burgess Vibrocrafters Inc Grayslake Ill
 Champion Blower & Forge Co 1947 Charlotte Lancaster Pa
 Chicago Pneumatic Tool Co Six E 44th St New York 17 NY
 Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
 Cummins Portable Tools 5055 N Lydell Ave Milwaukee 17 Wis
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Dremel Mfg Co 2409 18th St Racine Wis
 Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 H & S Associates 928 W Irving Park Rd Chicago 13 Ill
 Heinemann (F) Saw & Mfg Co 2017 Navarre Rd SW Canton 6 Ohio
 Heston & Anderson Div St Paul Foundry & Mfg Co 601 Kirkwood Ave Fairfield Iowa
KETT TOOL CO 5 E THIRD ST CINCINNATI 2 OHIO
 Lipe-Rollway Corp 806 Emerson Ave Syracuse 1 NY
MALL TOOL CO 7740 S SOUTH CHICAGO CHICAGO 19 ILL
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
 Miller Falls Co Wells & Devon Greenfield Mass
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
 Peninsula Tool Co 1290 34th Ave Menominee Mich
 Pioneer Gen-E-Motor Corp 5841 W Dickens Chicago 39 Ill
 Portable Electric Tools Inc 320 W 83rd St Chicago 20 Ill
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
 Power Tool Div Dormeyer Co Kingsbury & Huron Chicago 10 Ill

SAVE TIME — SAVE MONEY



WITH THE **KETT** PANEL MASTER SAW

- NO DRILLING
- NO FILING • NO DEBURRING

This time and labor saving tool quickly and easily cuts mild steel milled Fiberglas Plywood Masonite laminated plastics Mirawal

The Panel-Master is available as a complete portable electric or portable pneumatic saw . . . ready to use. Write for Catalog AB55.

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 5 3rd St., Cincin. 2, Ohio

Producers & Distributors Inc 714 S Sixth St Allentown Pa
 RCS Tool Sales Corp Box 1434 Joliet Ill
 Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
SKIL CORP 5633 ELSTON AVE CHICAGO 30 ILL
 Speedway Mfg Co 1834 S 52nd Ave Cicero 60 Ill
 Spurgeon (N B) Co 20 N Wacker Dr Chicago 6 Ill
 Stanley Electric Tools 400 Myrtle St New Britain Conn
SYNTRON CO 618 LEXINGTON AVE HOMER CITY PA
 Thor Power Tool Co 175 N State St Aurora Ill
TRI-SAW CORP 2207 HANLEY INDUSTRIAL CT ST LOUIS 17 MO
 Vulcan Iron Works Co 1423 Stout St Denver 2 Colo
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
 Western Saw Works 1844 Washington Los Angeles Calif

▶ SAWS, RADIAL

American Machine & Foundry Co 511 Fifth Ave New York NY
AMERICAN WOODWORKING MACHINERY CO 100 LIBERTY ST HACKETTSTOWN NJ

UNI-POINT RADIAL SAW



- ★ Revolutionary new design
- ★ Permanent accuracy
- ★ Cuts at same point . . . all angles
- ★ 25% greater production

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 HACKETTSTOWN, N. J.

Beach Mfg Co Mill & Boyer Sts Montrose Pa
 Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
CONSTRUCTION MACHINERY CO 420 VINTON ST WATERLOO IOWA
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Flexsaw Co Port Austin Mich
 Hendrick Mfg Corp 11 Selman St Marblehead Mass
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
 Media Machine Works Inc 620 Park Ave Media Pa
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
 Bockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa

Shopmaster Inc 1214 Third St S Minneapolis Minn
BRIL CORP 5433 ELSTON AVE CHICAGO 36 ILL
 Walker-Turner Div Kearney & Trecker Corp 459 South Ave Plainfield NJ
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
 Western Saw Works 1844 W Washington Los Angeles Calif
 Wilson Saw Div Media Machine Works 620 Park Ave Media Pa

▶ SAWS, RIP

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
 American Machine & Foundry Co 511 Fifth Ave New York NY
 American Woodworking Machinery Co 100 Liberty St Hackettstown NJ
 Borg-Warner Corp Atkins Saw Div 402 S Illinois St Indianapolis 9 Ind
 Beach Mfg Co Mill & Boyer Sta Montrose Pa
BRILSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
 C H and E Mfg Company 3849 N Palmer St Milwaukee 13 Wis
 Chattanooga Saw Works 1512 Williams St Chattanooga Tenn
 Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
 Corley Mfg Co Clifton Hills Chattanooga 1 Tenn
 Dependable Machine Co Box 839 Greensboro NC
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Enterprise Co S Main St Columbiana Ohio
 Fay & Egan Co 2901 Eastern Ave Cincinnati 3 Ohio
 Filer & Stowell Co 147 E Hecher St Milwaukee 7 Wis
 Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 Heinemann (F) Saw & Mfg Co 2017 Navarre Rd SW Canton 6 Ohio
 Hermance Machine Co Campbell & John Sta Williamsport 19 Pa
 Hoe (R) & Co Inc 910 E 138th St New York 54 NY
 Huthner Bros Saw Mfg Co Inc 1290 University Rochester 7 NY
 Jones Superior Machine Co 1270 W North Ave Chicago 12 Ill
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
 Mattison Machine Works 545 Blackhawk Park Rockford Ill
 Media Machine Works Inc 620 Park Ave Media Pa
MILWAUKEE ELECTRIC TOOL CORP 5356 W STATE ST MILWAUKEE 8 WIS
 Muskegon Machine Co S Robinson Ave Newburgh NY
 Newman Machine Co Inc 507 Jackson St Greensboro NC
 Oliver Machinery Co 1025 Clancy Ave Grand Rapids Mich
 Power (L & C) Co Inc 2815 Oakford St Philadelphia 46 Pa
 Sandvik Saw & Tool Corp 47 Warren St New York 7 NY
 Shopmaster Inc 1214 Third St S Minneapolis Minn
SIMONDS SAW & STEEL CO 470 MAIN ST FITCHBURG MASS
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
 Western Saw Works 1844 W Washington Los Angeles Calif
 Wilson Saw Div Media Machine Works 620 Park Ave Media Pa
 Yates-American Machine Co 729 Fourth St Beloit Wis

▶ SAWS, SCROLL

AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO
 Duro Metal Prods Co 2849 N Kildare Ave Chicago 39 Ill
 Miller Falls Co Wells & Devon Greenfield Mass
 Parker Mfg Co 149 Washington St Worcester Mass
 Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa
 Shopmaster Inc 1214 Third St S Minneapolis Minn
 Western Saw Works 1844 W Washington Los Angeles Calif

▶ SAWS, SWING

Beach Mfg Co Mill & Boyer Sta Montrose Pa
BRILSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
 C H and E Mfg Co 3849 N Palmer St Milwaukee 13 Wis
 Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
 Corlith Machinery Co 480 Tate St Corinth Miss
 Corley Mfg Co Clifton Hills Chattanooga 1 Tenn

Cunningham Machinery Corp 725 Ricou St Shreveport La
 Enterprise Co S Main St Columbiana Ohio
 Fay & Egan Co 2901 Eastern Ave Cincinnati 3 Ohio
 Frick Co 320 Broadway Waynesboro Pa
 Heston & Anderson Div St Paul Foundry & Mfg Co 601 Kirkwood Ave Fairfield Iowa
 Hoe (R) & Co Inc 910 E 138th St New York 54 NY
 Holmes (E & B) Machinery Co Inc 59 Chicago St Buffalo 4 NY
 Jones Superior Machine Co 1270 W North Ave Chicago 22 Ill
 Lane Mfg Co Montpelier Vt
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
 Newman Machine Co Inc 507 Jackson St Greensboro NC
 Western Saw Works 1844 W Washington Los Angeles Calif
 Woods (S A) Machine Co Damrell & Alger St Boston 27 Mass
 Yates-American Machine Co 729 Fourth St Beloit Wis

▶ SAWS, TILTING ARBOR, TABLE

American Machine and Foundry Co 511 Fifth Ave New York NY
 American Woodworking Machinery Co 100 Liberty St Hackettstown NJ
 Atlas Press Co 1901 N Pitcher St Kalamazoo Mich
 Beach Mfg Co Mill & Boyer Sta Montrose Pa
BOICE-CRANE CO 936 W CENTRAL AVE TOLEDO 6 OHIO
 C H & E Mfg Co 3849 N Palmer St Milwaukee 12 Wis
 Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Fay & Egan Co 2901 Eastern Ave Cincinnati 2 Ohio
 Greenlee Bros & Co 2136 12th St Rockford Ill
 Henniker Machine Co Inc Water St Henniker NH
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
 Oliver Machinery Co 1025 Clancy Ave Grand Rapids Mich
 Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa
 St Paul Foundry & Mfg Co 500 Como Ave St Paul 5 Minn
 Shopmaster Inc 1214 Third St S Minneapolis Minn
 Toolkraft Corp Plainfield St Springfield 1 Mass
 Walker-Turner Div Kearney & Trecker Corp 639 South Ave Plainfield NJ
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
 Western Saw Works 1844 W Washington Los Angeles Calif
 Whitney (Baxter D) & Son Inc Elm St Winchendon Mass
 Yates-American Machine Co 729 Fourth St Beloit Wis

▶ SAWS & CUTTING WHEELS, MASONRY

CHAMPION MFG CO 2028 WASHINGTON AVE ST LOUIS 3 MO
CLIPPER MFG CO 2800 WARWICK KANSAS CITY MO
CONSTRUCTION MACHINERY CO 420 VINTON ST WATERLOO IOWA
 Evans (Robert G) Co 7204 Wyandotte Kansas City 14 Mo
EVEREADY BRILSAW CO 1509 S MICHIGAN BLVD CHICAGO 5 ILL
 Martin Fireproofing Co 2200 Military Rd Buffalo 17 NY
MASTER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
 Meyers (W F) Co 1017 14th St Bedford Ind
 Norton Co 1 New Bond St Worcester 6 Mass
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 8 NY
 Simonds Abrasive Co Tacony & Fraley St Philadelphia 37 Pa
 Stone Machinery Co Stone Bldg Manlius NY
 Western Saw Works 1844 W Washington Los Angeles Calif

▶ SCAFFOLDING, SCAFFOLDS, AND BRACKETS

Acme Scaffold Co Inc 168 Nostrand Ave Brooklyn 5 NY
 Adams Co The PO Box 268 Dubuque Iowa
 Ajax Building Bracket Co 1551 Rydal Mt Rd Cleveland Heights Ohio
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 American Ladder Co 5509 NW 7th Ave Miami 38 Fla
 Amidon Engineering Co 38369 Cleveland Rd Elyria Ohio
 Babcock (W W) Co Inc Delaware Ave Bath NY

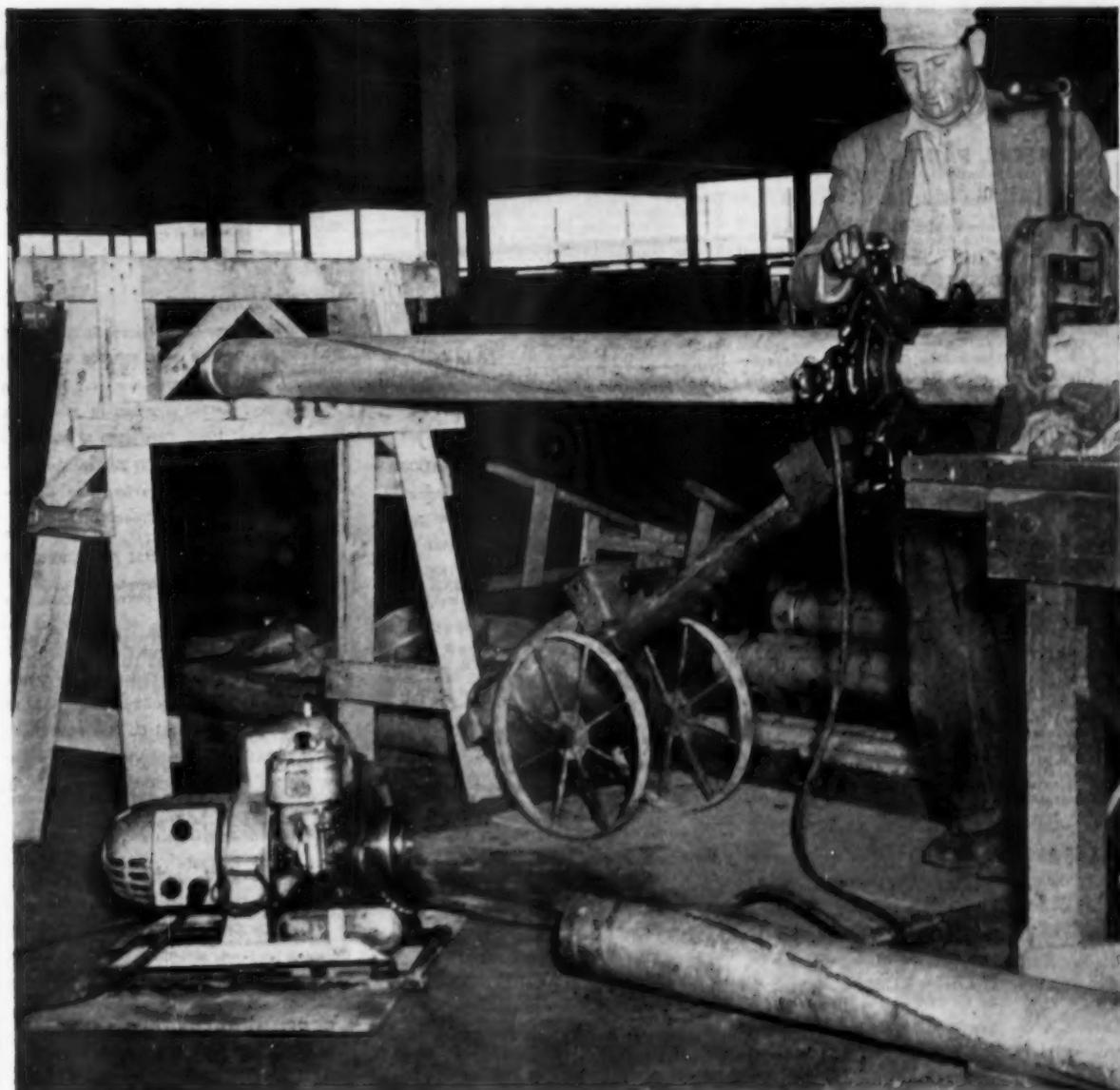
Baker-Ross Inc 602 W McCarty St Indianapolis 6 Ind
 Bauer Mfg Co Palmer St Wooster Ohio
BEAVER ART METAL CORP ELLWOOD CITY PA
 Berg Mfg Co 5319 S La Salle Chicago 9 Ill
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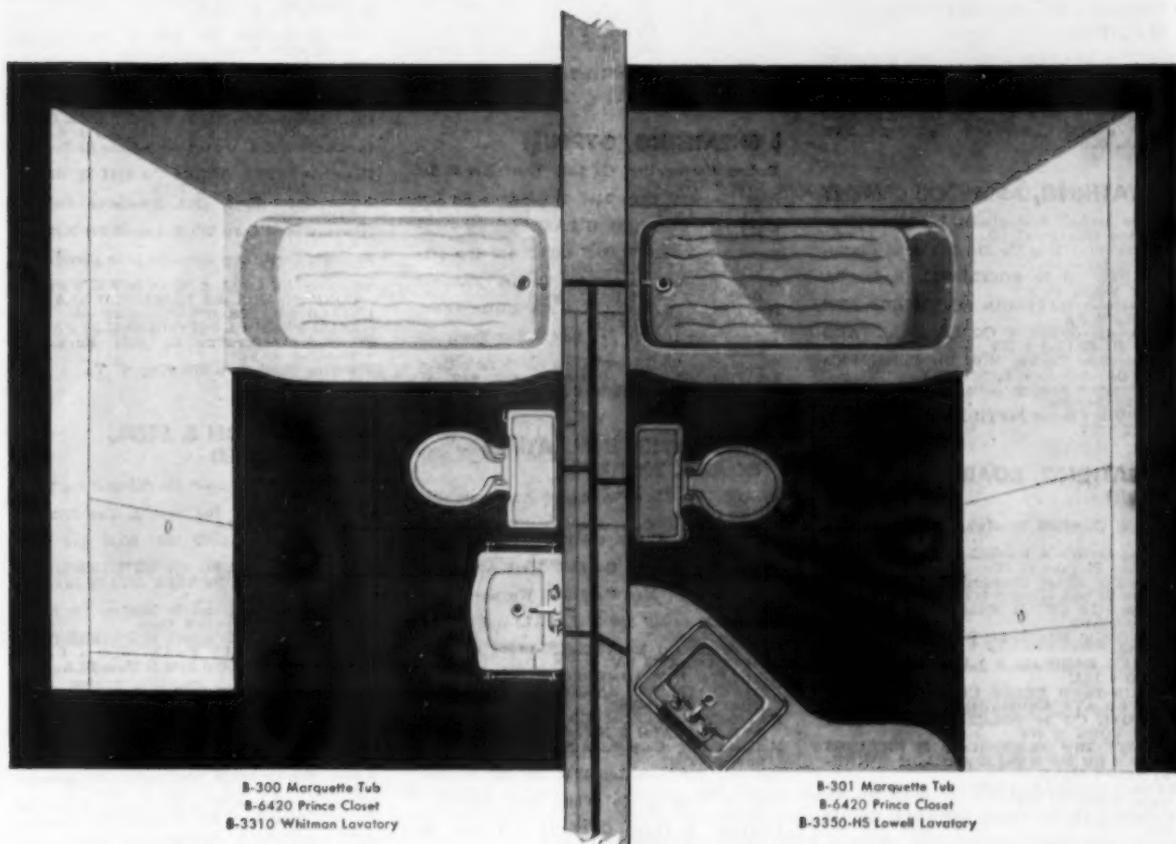
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Hanchett Mfg Co 906 N State St Big Rapids Mich
Huther Brothers Saw Mfg Co Inc 129 University Rochester 7 NY
MALL TOOL CO 7740 S SOUTH CHICAGO AVE CHICAGO 19 ILL
Prescott Co Menominee Mich
Treyco Prods 149 Longmeadow Rd Buffalo 23 NY
Wheeler Mfg Co 2164 Fulton Rd Cleveland 9 Ohio
Yates-American Machine Co 729 Fourth St Beloit Wis



B-300 Marquette Tub
B-6420 Prince Closet
B-3310 Whitman Lavatory

B-301 Marquette Tub
B-6420 Prince Closet
B-3350-HS Lowell Lavatory

BRIGGS BEAUTYWARE

DESIGNED SCIENTIFICALLY

FOR YOUR TWO BATHROOM PLANS

Two bathrooms make homes more saleable because they make them more livable.

Your business benefits accordingly.

Briggs pioneered the two bathroom idea—and has done more than any other manufacturer to make two bathrooms practical and economical for the American home.

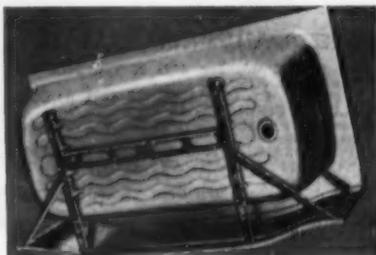
There is a *new* prestige in specifying Briggs Beautyware—America's smartest plumbing fixtures.

Refer to Sweet's Catalog—Architectural File 24A,
Light Construction File 9B, or A.I.A. File 29H

BRIGGS MANUFACTURING COMPANY
300 Buhl Building • Detroit 26, Michigan



Advanced Design—All Briggs Beautyware is functional—distinctive in styling, exact in dimensions, formidable in construction, unequalled in utility features.



Engineered Installation—Specific time and labor saving features include free standing tubs with square straight ends—two bolt closets—jiffy assembly fittings.



Maximum Value—In precision manufacture, in quality reputation, in important selling features—the intrinsic value of Briggs Beautyware is truly outstanding.

▶ SHEARS, METAL-CUTTING, ELECTRIC

BLACK & DECKER MFG CO 600 E PENNSYLVANIA TOWNSHIP 4 MD
Hanehett Mfg Co 906 N State St Big Rapids Mich
Miller Falls Co Wells & Devon Greenfield Mass
Stanley Electric Tools 400 Myrtle St New Britain Conn

▶ SHEATHING, ASBESTOS CEMENT

Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
FLINKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
KRASBEY & MATTHEWSON CO BUTLER AVE AMBLER PA
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
RUBEROID CO 500 FIFTH AVE NEW YORK 34 NY

▶ SHEATHING, BOARD, ASPHALT, RIGID

Air-O-Cel Co 22000 Woodward Ave Detroit 20 Mich
Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BIRD & SON INC 47 WILSON ST E WALPOLE MA
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
FLINKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
INSULITE DIV MINNESOTA & ONTARIO PAPER CO 500 BAKER ARCADE MINNEAPOLIS 2 MINN
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
MEADOWS (W R) INC 2 KIMBALL ELGIN ILL
National Mfg Corp 3343 Flanagan St Tonawanda NY
Nelson (B F) Mfg Co 401 NE Main St Minneapolis 13 Minn
Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
Plastergen Wall Board Co 196 Philadelphia Buffalo 7 NY
Protective Papers Inc Union Ill
RUBEROID CO 500 FIFTH AVE NEW YORK 34 NY
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
U S Menzel Plywoods Inc PO Box 1612 Louisville 1 Ky

▶ SHEATHING, BOARD, FIBER

ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
Badger Corrugating Co 1801 West Ave S La Crosse Wis
Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
Fire-Text Insulating Board Co US National Bank Bldg Portland Ore
FLINKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
HOMASOTE CO 1935 HARVEY RD TRENTON 3 NJ
INSULITE DIV MINNESOTA & ONTARIO PAPER CO 500 BAKER ARCADE MINNEAPOLIS 2 MINN
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
MASONITE CORP 111 W WASHINGTON CHICAGO 3 ILL
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
National Mfg Corp 3343 Flanagan St Tonawanda NY
National Plywoods Inc 2710 Throop St Chicago Ill
Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Plastergen Wall Board Co 196 Philadelphia Buffalo 7 NY
SOUTHERN PLYWOOD CORP PO BOX 123 HOPE ARK

UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
UPSON CO 43 UPSON PT LOCKPORT NY
Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
Wood Conversion Co 1st National Bank Bldg St Paul 1 Minn

▶ SHEATHING, GYPSUM

Badger Corrugating Co 1801 West Ave S La Crosse Wis
Blue Diamond Corp 1650 S Alameda St Los Angeles Calif
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
Grand Rapids Plaster Co Peoples National Bank Bldg Grand Rapids Mich
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
Pabco Prods Inc 475 Brannan St San Francisco Calif
Schumacher Wall Board Corp South Gate Calif
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ SHEATHING, INSULATING BOARD, TREATED

Air-O-Cel Co 22000 Woodward Ave Detroit 20 Mich
Argent Lumber Co Hardeeville SC
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
Badger Corrugating Co 1801 West Ave S La Crosse Wis
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
FLINKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
INSULITE DIV MINNESOTA & ONTARIO PAPER CO 500 BAKER ARCADE MINNEAPOLIS 2 MINN
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
National Mfg Corp 3343 Flanagan St Tonawanda NY
National Plywoods Inc 2710 Throop St Chicago Ill
Simpson Logging Co White Bldg Seattle 1 Wash
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
U S Menzel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
Wood Conversion Co 1st National Bank Bldg St Paul 1 Minn

▶ SHEETS, ALUMINUM, CORRUGATED

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
ALUMINUM CO OF AMERICA 1501 ALCOA BLDG PITTSBURGH 19 PA
Badger Corrugating Co 1801 West Ave S La Crosse Wis
KAISER ALUMINUM & CHEMICAL SALES INC 1924 BROADWAY OAKLAND 12 CALIF
National Plywoods Inc 2710 Throop St Chicago Ill
Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
REYNOLDS METALS CO BUILDING PRODS DIV 2801 S NINTH ST LOUISVILLE 1 KY
Rigidized Metals Corp 658 Ohio St Buffalo 3 NY
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA

▶ SHEETS, ALUMINUM, FLAT

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
ALUMINUM CO OF AMERICA 1501 ALCOA BLDG PITTSBURGH 19 PA
Badger Corrugating Co 1801 West Ave S La Crosse Wis
KAISER ALUMINUM & CHEMICAL SALES INC 1924 BROADWAY OAKLAND 12 CALIF
National Plywoods Inc 2710 Throop St Chicago Ill
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
REYNOLDS METALS CO BUILDING PRODS DIV 2801 S NINTH ST LOUISVILLE 1 KY
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA

▶ SHEETS, BLACK

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Badger Corrugating Co 1801 West Ave S La Crosse Wis
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
COLUMBIA-GENEVA DIV U S STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
Continental Steel Corp 1109 S Main St Kokomo Ind
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
Kaiser Steel Corp 1924 Broadway Oakland Calif
Newport Steel Corp 9th & Lowell Sts Newport Ky
Republic Steel Corp Republic Bldg Cleveland 1 Ohio
TENNESSEE COAL & IRON DIV U S STEEL CORP PO BOX 599 FAIRFIELD ALA
UNITED STATES STEEL CORP 525 WILLIAM PENN PL PITTSBURGH 30 PA
Wheeling Corrugating Co 1134 Market St Wheeling W Va
Wheeling Steel Corp Wheeling W Va

▶ SHEETS, IRON & STEEL, GALVANIZED

Allegheny Ludlum Steel Co Oliver Bldg Pittsburgh 22 Pa
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Badger Corrugating Co 1801 West Ave S La Crosse Wis
BETHLEHEM STEEL CO BETHLEHEM PA
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
Cincinnati Sheet Metal & Roofing Co 230 E Front St Cincinnati 2 Ohio
COLUMBIA-GENEVA DIV U S STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
Continental Steel Corp 1109 S Main St Kokomo Ind
Gary-Pioneer Steel Corp Gary Ind
Inland Steel Co 38 S Dearborn St Chicago 3 Ill
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
International Steel Co 1321 Edgar St Evansville 7 Ind
Klauer Mfg Co 9th & Washington Sts Dubuque Iowa
Mid States Steel & Wire Co Crawfordsville Ind
Newport Steel Corp 9th & Lowell Sts Newport Ky
Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
Reeves Steel & Mfg Co 6 Iron Ave Dover Ohio
Republic Steel Corp Republic Bldg Cleveland 1 Ohio
Rigidized Metals Corp 658 Ohio St Buffalo 3 NY
Everson (Joseph T) & Son 2558 W 16th St Chicago 50 Ill
SAINT PAUL CORRUGATING CO S END WABASHA ST ST PAUL 1 MINN
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA
TENNESSEE COAL & IRON DIV U S STEEL CORP PO BOX 599 FAIRFIELD ALA
Tennison Bros Inc 450 N Bellevue Memphis 1 Tenn
UNITED STATES STEEL CORP 525 WILLIAM PENN PL PITTSBURGH 30 PA
Wheeling Corrugating Co 1134 Market St Wheeling W Va
Wheeling Steel Corp Wheeling W Va
Youngstown Sheet & Tube Co Stambaugh Bldg Youngstown 1 Ohio

▶ SHEETS, PLASTIC

ALSYNITE CO OF AMERICA 4654 DE SOTO ST SAN DIEGO 9 CALIF
Arborite Co Ltd 385 LaFleur Ave Montreal Que Can
Atlas Mineral Prods Co Mertztown Pa
Becc Corp 3935 Canton St Dallas Texas
Blum (Julius) & Co Inc Carlstadt NJ
Conowald Corp Wisconsin Rapids Wis
Continental Can Co Conolite Dept 205 W 14th St Wilmington Del
CORRULUX DIV LIBBEY-OWENS-FORD GLASS CO 410 HOLMES RD HOUSTON 25 TEXAS
FORMICA CO 4514 SPRING GROVE CINCINNATI 32 OHIO
General Electric Co 1387 Main Springfield 3 Mass
General Electric Co 1 Plastics Ave Pittsfield Mass
International Molded Plastics Inc 4387 W 35th St Cleveland 9 Ohio
Ohio Rubber Molded Plastics Inc 102 Ben Hur Willoughby Ohio
Parisian Novelty Co 3510 S Western Ave Chicago 9 Ill
Plexolite Corp 2051 E Maple Ave El Segundo Calif
Plymold Co 2707 Tulare Ave Burbank Calif
RESOLITE CORP ZELIENOPLE PA



The Logan School—Princeton, Illinois

For School Beauty...and Hard Wear... It's Curtis New Londoner Doors

These schools by Perkins & Will, noted school architects, show how Curtis New Londoner hollow-core flush doors, with their beautifully grained, native wood face panels, fit into contemporary school design. New Londoner doors are as durable as they are beautiful. With their exclusive all-wood locked-

in cores, they have the stamina to withstand rough use—to stay dimensionally stable without warping or sagging through a lifetime of service. They are made with solid-core construction also. See "Sweet's" for full information—or write for literature. Curtis Companies Service Bureau, Clinton, Iowa.



Washington School—Lyons, Illinois



Logan School—Princeton, Illinois



Douglas School—Princeton, Illinois



Logan School—Princeton, Illinois

**CURTIS
NEW LONDONER**
HOLLOW-CORE
FLUSH DOORS

Rippolite Plastic Prods Inc 3910 Cohasset St Burbank Calif
RODDIS FLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
 Rohm & Haas Co Washington Square Philadelphia 5 Pa
 St Regis Sales Corp Panelite Div 230 Park Ave New York 17 NY
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 Werner Canvas Prods Co 609 Bergen St Brooklyn 38 NY
WESTINGHOUSE ELECTRIC CORP PO BOX 668 PITTSBURGH 36 PA
WOODALL INDUSTRIES INC 3500 OAKTON AVE SKOKIE ILL
WRIGHT MFG CO PO BOX 6567 HOUSTON 5 TEXAS

▶ SHEETS, STEEL, CORRUGATED

Arco Steel Corp 702 Curtis St Middletown Ohio
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
REPUBLIC STEEL CORP BERGER DIV 1938 BELDEN AVE NE CANTON 5 OHIO
BETHLEHEM STEEL CO BETHLEHEM PA
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
COLUMBIA-GENEVA DIV U S STEEL CORP RURE BLDG SAN FRANCISCO 4 CALIF
 Continental Steel Corp 1109 S Main St Kokomo Ind
 Granite City Steel Co 20th & Madison Granite City Ill
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
 International Steel Co 1321 Edgar St Evansville 7 Ind
 Mid States Steel & Wire Co Crawfordsville Ind
 Newport Steel Corp 9th & Lowell St Newport Ky
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Rigidized Metals Corp 658 Ohio St Buffalo 3 NY
 Ryerson (Joseph T) & Son 2558 W 16th St Chicago 50 Ill
SAINTE PAUL CORRUGATING CO 8 END WABASHA ST ST PAUL 1 MINN
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA
TENNESSEE COAL & IRON DIV U S STEEL CORP PO BOX 599 FAIRFIELD ALA
 Tension Bros Inc 450 N Bellevue Memphis 1 Tenn
UNITED STATES STEEL CORP 525 WILLIAM PENN PL PITTSBURGH 36 PA
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
 Wheeling Steel Corp Wheeling W Va
 Youngstown Sheet & Tube Co Stambaugh Bldg Youngstown 1 Ohio

▶ SHELVES, REVOLVING CABINET

CARR ADAM & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
LAKE DRIVE PRODS PO BOX 22 EDGEROY IOWA
 Lyon Metal Prods Inc 25 Montgomery St Aurora Ill
MULLINS MFG CORP UNIVERSITY ST WARREN OHIO
 Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
 Washington Steel Prods 1940 E 11th St Tacoma 2 Wash

▶ SHELVES, ADJUSTABLE SHELF

Acme Steel Co 2840 Archer Ave Chicago 8 Ill
 Adams Co The PO Box 268 Dubuque Iowa
 American Steel & Iron Works 5801 S Lowe Chicago 21 Ill
BRIAR HILL STONE CO GLENMONT OHIO
 Bunch (A G) & Co Inc 2632 N Central Ave Chicago 29 Ill
 Delux Metal Furniture Co 402 Strubers St Warren Pa
 Equipto Div Aurora Equipment Co John & Prairie Sts Aurora Ill
 Heller (W C) & Co 1050 Bryant St Montpelier Ohio
 Johnwood Co 13833 S Indiana Ave Chicago 27 Ill
 Knape & Vogt Mfg Co 658 Richmond NW Grand Rapids Mich
 Lyon Metal Prods Inc 25 Montgomery St Aurora Ill
MACKLANBURG-DUNCAN CO 4641 N SANTA FE OKLAHOMA CITY OKLA
 Parker (S) Hardware Mfg Corp 27 Laidlow St New York 2 NY
 Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
STANDARD STEEL WORKS 16TH & HOWELL N KANSAS CITY MO
 Unistrut Prods Co 1014 W Washington Chicago 7 Ill
 Universal Steel Equipment Corp 32-35 47th Ave Long Island City 1-NY

▶ SHELVING, GLASS

Blue Ridge Glass Corp Kingsport Tenn
 Cadillac Glass Co 2190 S Forest St Chicago 8 Ill
 Fulton Glass Co Box 348 Hartford City Ind
 Heller (W C) & Co 1050 Bryant St Montpelier Ohio
LIBBEY-OWENS-FORD GLASS CO 608 MADISON AVE TOLEDO 3 OHIO
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Ruslander & Sons Inc 18 Letchfield St Buffalo 12 NY
 Warren (J D) Mfg Co Montpelier Ohio

▶ SHELVING, PREFABRICATED

Heller (W C) & Co 1050 Bryant St Montpelier Ohio
 Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
 Hirsch (S A) Mfg Co 8051 N Central Park Skokie Ill
 Lyon Metal Prods Inc 25 Montgomery St Aurora Ill
 Market Forge Co 35 Garvey St Everett 49 Mass

▶ SHELVING, WOOD

Brooks-Scanlon Inc Box 1111 Bend Ore
 Carr & Moebl Co 301 S W 9th Des Moines Iowa
 Cole Mfg Co PO Box 2657 Memphis 2 Tenn
 Columbus Show Case Co 850 W Fifth Columbus Ohio
 Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
 Engineers Plywood Prods Co Box 1326 Tacoma Wash
 Firpine Prods Co PO Box 188 Oswego Ore
 Heller (W C) & Co 1050 Bryant St Montpelier Ohio
 Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
 Hyde-Murphy Co Murphy Bldg Ridgway Pa
 Kinzua Pine Mills Co Kinzua Ore
 Marquart Millwork Co 50 Ceape St Onkosh Wis
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Rose (D M) & Co Rose Pl Knoxvile 4 Tenn
 Seigelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Triplett Lumber Co Inc Box 738 Lenoir NC
 Warren (J D) Mfg Co Montpelier Ohio
WEYERHAEUSER SALES CO 181 NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Building Tacoma 1 Wash
 Willamette Valley Lumber Co Box 5 Dallas Ore
 Williams-Brownell Inc PO Box 1091 Ashville NC

▶ SHIELDS, EXPANSION BOLT

AMERICAN HARDWARE CORP CORBIN (P&F) DIV 192 WASHINGTON ST NEW BRITAIN CONN
 Arvo Expansion Bolt Co 1430 N Boone Ave Marion Ohio
 Brush Nail Expansion Bolt Co Greenwich Conn
 Chicago Expansion Bolt Co 1338 W Concord Pl Chicago 22 Ill
CORBIN (P&F) DIV AMERICAN HARDWARE CORP 192 WASHINGTON ST NEW BRITAIN CONN
 Diamond Expansion Bolt Co Inc 500 North Ave Garwood NJ
 Holub Industries Inc 413 De Kalb Ave Syracuse Ill
 National Lead Co 111 Broadway New York 6 NY
 Paine Co 7 Westgate Rd Addison Ill
 Polla (J D) Mfg Co 2904 W 26th St Chicago 23 Ill
STAR EXPANSION BOLT CO 147-149 CEDAR ST NEW YORK 6 NY
 United Screw & Bolt Corp 3590 W 58th St Cleveland 2 Ohio
 U S Expansion Bolt Co State St & PRR York Pa

▶ SHIELDS, TERMITE

AMERICAN SIALKRAFT CORP 55 STARKLEY AVE ATTLEBORO MASS
ANGIER CORP FOUNTAIN ST FRAMINGHAM MASS

In valley tin or roofing tin,
 the name is Follansbee Terme
FOLLANSBEE
STEEL CORPORATION
 Follansbee, West Virginia

FOLLANSBEE STEEL CORP 140 STANWIX ST PITTSBURGH 22 PA
 Illinois Zinc Co 2959 W 47th St Chicago 32 Ill
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA
 Tension Bros Inc 450 N Bellevue Memphis 1 Tenn

▶ SHINGLES, ASBESTOS CEMENT

Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 Barrett Div Allied Chemical & Dye Corp 49 Rector St New York 6 NY
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
FLINTKOTE CO 36 ROCKEFELLER PLAZA NEW YORK 20 NY
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 14 NY
KEASBEY & MATTISON CO BUTLER AVE AMBLER PA
 Logan-Long Co 6600 S Central Ave Chicago 38 Ill
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 Old American Roofing Mills Div Ruberoid Co 505 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Pabco Prods Inc 475 Brannan St San Francisco Calif
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
 Supradur Corp of New York 122 E 42nd St New York 17 NY

▶ SHINGLES, ASPHALT

Amalgamated Roofing Mills 6600 S Central Chicago 38 Ill
 Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Barrett Div Allied Chemical & Dye Corp 49 Rector St New York 6 NY
BIRD & SON INC 47 WILSON ST E WALPOLE MASS
 Bonafide Mills Inc 295 Fifth Ave New York NY
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
FLINTKOTE CO 36 ROCKEFELLER PLAZA NEW YORK 20 NY
 Ford Roofing Prods Co 6 N Michigan Ave Chicago 2 Ill
 Globe Roofing Prods Co Inc 2207 Schrage Whiting Ind
 Globe Siding Prods Co 2207-51 Schrage Whiting Ind
 Gold Seal Asphalt Roofing Co PO Box 302 Chicago Heights Ill
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 14 NY
 Lebon Co Madison at 25th Ave Bellwood Ill
 Logan-Long Co 6600 S Central Ave Chicago 38 Ill
 National Mfg Corp 3342 Flanagan St Tonawanda NY
 Nelson (B F) Mfg Co 401 NE Main St Minneapolis 13 Minn
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Pabco Prods Inc 475 Brannan St San Francisco Calif
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
 Tamko Asphalt Prods Inc 601 N High Joplin Mo
 Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ SHINGLES, CEDAR, RED

Acme Shingle Co Ltd 8961 Shaughnessy Vancouver B C Can
 Aloha Lumber Co Aloha Wash
AMERICAN STAINED SHINGLE CO 381 W SPRUCE ST COLUMBUS OHIO
 Arch Cape Shingle Co Arch Cape Ore
 Ayres & Bowen Shingles Castle Rock Wash
 B L Shingle Co Arlington Wash
 Bestwood Cedar Shingle Co Ltd PO Box 857 Vancouver B C Can
 Bielman-Menke Shingle Co Sutherland Ore
 Bridal Falls Shingle Co Box B Startup Wash
 British Columbia Forest Prods Ltd 995 W 6th Ave Vancouver B C Can
 Butler-McDougall Mfg Co Ltd New Westminster B C Canada
 Canadian Forest Prods Ltd Vancouver B C Can

Certain-teed

ROOFING, SIDING AND INSULATION



ASPHALT SHINGLES

All available in a wide range of colors. Complete list on request.

	Specifications		
	Slabs per sq	Bdl per sq	Wt per sq
WOODTEX Built-up graining, 12" x 36", 8 exclusive blends featuring gay pastels	80	3	250 lb
THICK BUTT Plain and grained surface, 12" x 36"	80	3	215 lb
THREE TAB HEXAGONAL Plain and grained surface, 11 1/2" x 36"	86	2	167 lb
UNIVERSAL Plain surface, 16" x 18", 4" sidelap	80	2	138 lb
FRENCH LOCK Plain surface, 16" x 16", 2 1/2" sidelap	82	2	140 lb
SAP-T-LOK Grained surface Single Coverage: 18 1/4" x 20 1/2", 2" sidelap Double Coverage: 18 1/4" x 20 1/2", 4" sidelap	96 120	3 3	170 lb 230 lb
JUMBO DUTCH LAP Plain and grained surface, 12" x 16", 3" sidelap	112	2	162 lb

A COMPLETE LINE OF

Smooth and Mineral Surfaced Roll Roofings,
Felts, Building Papers, Roof Coatings and Cements

Certain-teed

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Quality made Certain... Satisfaction Guaranteed



FIBERGLAS* INSULATION BUILDING INSULATION

Finer FIBERS than ever

	Thickness	Width
ROLL BLANKETS Vapor barrier one side, perforated paper other side	Thick Medium Economy	15" - 19" - 23"
BATT BLANKETS Same enclosure as roll; 24" to 96" in length	Thick Medium Economy	15" - 23" 15" - 23" 15"
PF UTILITY BATTS For irregular spaces	Full thick	15"
POURING WOOL For hand pouring		
SIDING CUSHION PF345 for use as cushion under siding	1/4"	24"
ROOF INSULATION Rigid insulating board, asphalt-saturated paper one side, over-lapped both ends	1/4" to 2"	24"
PERIMETER INSULATION For use between foundation walls and poured concrete floors		

ASPHALT SIDINGS

ROLL BRICK-TEX ROLL STONE DESIGN
WAVE LINE SHINGLES

ASBESTOS CEMENT SHINGLES

	Pcs per sq	Pcs per bdl	Wt per sq
SHAKELINE Choice of colors, including pastels, 12" x 24", 1 1/2" headlap	57	19	175 lb
WAVE LINE White only	57	19	175 lb
STRAIGHT EDGE White only	57	19	175 lb

*TM OCF Corp.

CERTAIN-TEED PRODUCTS CORPORATION

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EXPORT DEPARTMENT: 100 EAST 42ND ST., NEW YORK 17, N.Y.

ASPHALT ROOFING • SHINGLES • SIDINGS • ASBESTOS CEMENT ROOFING AND SIDING SHINGLES
GYPSUM PLASTER • LATH • WALLBOARD • SHEATHING • ROOF DECKS • FIBERGLAS BUILDING
INSULATION • ROOF INSULATIONS • SIDING CUSHION

Canadian Western Lumber Co Ltd 15 King Edward Ave New Westminster B C Can
 Capilano Timber Co Ltd PO Box 698 Vancouver B C Can
 Cascade Pacific Lumber Co 319 Pacific Bldg Portland 4 Ore
 Chew (Joseph) Shingle Co Ltd 309 W Esplanade N Vancouver B C Can
 Colonial Cedar Co 600 W Nickerson St Seattle 99 Wash
COLOR SHAKE CORP PO BOX 832 MARYSVILLE WASH
 Columbia Valley Lumber Co Bellingham Wash
CONNOR LUMBER & LAND CO 231 THOMAS ST WAUBAU WIS
 Cook County Lumber Co 22 E 130th St Chicago 28 Ill
 Creso-Dipt Co Inc 968 Oliver St N Tonawanda NY
 Crescent Shingle Co Kelso Wash
 D & S Shingle Co Randle Wash
 Decker (A R) Shingle Co Elms Wash
 DeWitt Shingle Co Route 2 Box 338 Everett Wash
 Douglas Fir Wholesalers Inc Marysville Wash
 Eatonville Lumber Co Eatonville Wash
 Fluhrer Bros Astoria Ore
 Fowler Shingle Co Sultan Wash
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
 Grandy Lutz Shingle Co Concrete Wash
 Gray Lumber & Shingle Co Box 812 Seattle Wash
 Gray (Robert) Shingle Co Hoquiam Wash
 Hazin Shingle Co Forks Wash
 Hammerquist Shingle Co Monroe Wash
 Hammond Cedar Co Ltd Hammond B C Canada
 Hardman Mfg Co Anacortes Wash
 Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
 Homalko Logging Co Ltd Vancouver B C Canada
 Horne Bros Shingle Co Ltd N Vancouver B C Canada
 Horton Cedar Mfg Co Ltd Victoria B C Canada
 Hulbert (Wm) Mill Co 12th & Norton Everett Wash
 Huntington Shingle Co Springfield Ore
 Idanha Shingle Co Idanha Ore
 Jamison Lumber & Shingle Co Everett Wash
 LaConner Shingle Co LaConner Wash
 Lake Shannon Lumber Co Concrete Wash
LONG-BELL LUMBER CO 926-S GRAND AVE KANSAS CITY 6 MO
 Longview Shingle Co PO Box 991 Longview Wash
 Mackie Mill Co Westport Route Aberdeen Wash
 MacMillan & Bloedel Ltd 837 Hastings St Vancouver B C Can
 Marona M.H Co Acme Wash
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
 McCarter Shingle Co Ltd 2418 Rock Bay Ave Victoria B C Can
 McNair (Robert) Shingle Co Ltd Pleanantside B C Can
 Monroe Shingle Co Monroe Wash
 Mt Pleasant Shingle Co 1408 W 8th Port Angeles Wash
 Mt View Shingle Co Deming Wash
 Newberg Shingle Co Star Route LaComb Ore
 Northwest Cedar Prods Ltd 881 River Rd Vancouver B C Can
NOVA SALES CO TRENTON 3 NJ
 Olympia Shingle Co Olympia Wash
OLYMPIC STAINED PRODS CO 1118 LEARY WAY SEATTLE 7 WASH
 Pacific Timber Co Everett Wash
 Paekwood Shingle Co Paekwood Wash
PERMA PRODS CO 5455 BROADWAY CLEVELAND 27 OHIO
 Peters Shingle Co Chehalis Wash
 Portland Shingle Co 9038 N Denver Ave Portland Ore
 Quality Shingle Co Edmonds Wash
 R & R Shingle Mfg Co Cottage Grove Ore
 Rainier Mill Co Rainier Ore
 Red Cedar Sidelall Co Ltd 309 W Esplanade N Vancouver B C Can
 Riverside Shingle Mills Ltd New Westminster B C Canada
 Roseburg Shingle Co Roseburg Ore
 Rosser Bros Port Angeles Wash
 Howe Shingle Co Grayland Wash
 Saelmaw Shingle Co Aberdeen Wash
 Scherer Bros Lumber & Shingle Co Aberdeen Wash
 Seattle Cedar Lumber Mfg Co 4703 Ballard Ave Seattle 7 Wash
 Smith (M R) Shingles Co Henry Bldg Seattle 11 Wash
 Sound Shingle Co PO Box 866 Chehalis Wash
 Standard Shingle Co Port Angeles Wash
 Stevie Lake Cedar Ltd Desdemoy B C Canada
 Super Shingle Co Everett Wash
 Tottle River Shingle Co Silver Lake Wash
 Wallace Lumber & Mfg Co Sultan Wash
 Warrenton Shingle Co Box 924 Toledo Ore
WEATHERBEST CORP 986 OLIVER ST N TONAWANDA NY
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 White Creek Shingle Co Rockport Wash
 Willapa Shingle Co PO Box 707 Raymond Wash
 Woods Creek Shingle Co Sedro Woolley Wash

► SHINGLES, CEDAR, RED, STAINED

AMERICAN STAINED SHINGLE CO 381 W SPRUCE ST COLUMBUS OHIO
 Canadian Forest Prods Ltd Vancouver B C Can
 Capilano Timber Co Ltd PO Box 698 Vancouver B C Can
 Colonial Cedar Co 600 W Nickerson St Seattle 99 Wash
COLOR SHAKE CORP PO BOX 832 MARYSVILLE WASH
 Creso-Dipt Co Inc 968 Oliver St N Tonawanda NY
 Douglas Fir Wholesalers Inc Marysville Wash
 Dyke Bros 309 Center Little Rock Ark
GEORGIA-PACIFIC PLYWOOD CO 600 N CAPITOL WAY OLYMPIA WASH
 Jamison Lumber & Shingle Co Everett Wash
 Kendall Lumber Corp Grant Bldg Pittsburgh 19 Pa
 Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
OLYMPIC STAINED PRODS CO 1118 LEARY WAY SEATTLE 7 WASH
PERMA PRODS CO 5455 BROADWAY CLEVELAND 27 OHIO
 Portland Shingle Co 9038 N Denver Ave Portland Ore
 Preservative Paint Co 5110 Airport Way Seattle 8 Wash
 Smith (M R) Shingles Co Henry Bldg Seattle 11 Wash
WEATHERBEST CORP 986 OLIVER ST N TONAWANDA NY
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash

► SHINGLES, REDWOOD

Union Lumber Co 620 Market St San Francisco Calif

► SHINGLES, STEEL GALVANIZED

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
REPUBLIC STEEL CORP BERGER DIV 1038 BELDEN AVE NE CANTON 5 OHIO
CECO STEEL PRODS CORP 5601 W 24TH ST CHICAGO 50 ILL
 Cincinnati Sheet Metal & Roofing Co 230 E Front St Cincinnati 2 Ohio
 Edwards Mfg Co Fifth & Butler Sts Cincinnati 2 Ohio
 Gary-Pioneer Steel Corp Gary Ind
 La Crosse Steel Roofing Co 227 Jay St La Crosse Wis
 Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA
 Tension Bros Inc 460 N Bellevue Memphis 1 Tenn
 Wheeling Corrugating Co 1134 Market St Wheeling W Va

► SHORES, SAFETY

Acrow Inc 510 N Dearborn St Chicago Ill
 Baker-Boss Inc 602 W McCarty St Indianapolis 6 Ind
 Dayton Sure-Grip & Shore Co 504 Kercher St Miamisburg Ohio
 Marvel Equipment Co 1055 Bowen St Oshkosh Wis
 Safway Steel Prods Inc 6288 W State St Milwaukee Wis
SYMONS CLAMP & MFG CO 4249 DIVERSEY AVE CHICAGO 39 ILL

► SHOWER BATHS, CABINETS

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Crane Co 836 E Michigan Chicago 5 Ill
 Durat Mfg Co 409 Lafayette New York 3 NY
FIAT METAL MFG CO 9361 W BELMONT AVE FRANKLIN PARK ILL
GERBER PLUMBING FIXTURES 232 N CLARK ST CHICAGO 1 ILL
 Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago 44 Ill
 Ingram-Richardson Mfg Co 32nd St Beaver Falls Pa
 Ketcham Mfg Corp 70-70 80th St Brooklyn 27 NY
 Kraus (Walter S) Co 48-02 43rd St Woodside 77 NY
 Lehman Sprayshield Co 3355 York Rd Philadelphia 40 Pa
 Milwaukee Stamping Co 800 S 72nd St Milwaukee 14 Wis
 Northwest Metal Prods Inc 55 Spokane St Seattle 4 Wash
 O'morrow (W M) & Co 6244 S Alameda Los Angeles Calif
 Peerless Steel Equipment Co 110 N Franklin Chicago Ill

Republic Brass Co 1623 E 45th St Cleveland Ohio
 Ripplote Plastics Prods Inc 3910 Cohasset St Burbank Calif
 Standard Building Prods Co 621 McDonald Ave Brooklyn 18 NY
 Standard Steel Cabinet Co 3701 N Milwaukee Chicago 41 Ill
 Steel Partitions Inc PO Box 807 Jamestown NY
 Structural Slate Co E Pen Argyle Pa
 Tiltone Co 2323 N Wayne Ave Chicago 14 Ill
 Weis (Henry) Mfg Co 941 Oak St Elkhart Ind

► SHUTTERS, METAL

Acme Equipment Co 213 E Broadway Muskegon Okla
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 American Coolair Corp 3604 Mayflower St Jacksonville 3 Fla
 Astrup Co 2937 W 25th St Cleveland 13 Ohio
 Fawcok Mfg Div Falls Stamping & Welding Co 1703 Front St Cuyahoga Falls Ohio
 Fries & Son Steel Construction & Engineering Co Covington Ky
 Air Control Prods Inc Glade St at Larch Coopersville Mich
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
 Russell Reinforced Plastics Corp 521 W Hoffman Ave Lindenhurst LI NY
 Trushiff Div Siems Bros Inc 2575 Como Ave St Paul 8 Minn
 United Metal Prods Inc 865 S High St Akron 11 Ohio

► SHUTTERS, WOOD

CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
 Cole Mfg Co PO Box 2657 M mphis 2 Tenn
CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA
 Exiner (Alexander) Co Merchandise Mart Chicago 54 Ill
 Farley & Loetscher Mfg Co Dubuque Iowa
 Goshen Sash & Door Co E Purl Goshen Ind
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
 Heinley's Movable Shutters 1620 Euclid Santa Monica Calif
 Hinen (Edward) Lumber Co 77 W Washington St Chicago 2 Ill
 Huttig Mfg Co Muscatine Iowa
 Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
 Marquart Millwork Co 50 Cease St Oshkosh Wis
 Morgan Co 520 Oregon St Oshkosh Wis
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
 National Venetian Blind Co 1770 N Sichel Los Angeles 31 Calif
 Quigley (J R) Co Gloucester City NJ
 Ronch & Munser Co Muscatine Iowa
 Roberson (A) & Son Inc PO Box 111 Binghamton NY
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Russell Reinforced Plastics Corp 521 W Hoffman Ave Lindenhurst LI NY
 Segelke & Kohlhaus Co 600 S Second St La Crosse Wis
 Silcrest Co The 100 Thomas St Wausau Wis

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Air-O-Cel Co 22000 Woodward Ave Detroit 20 Mich
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Also Inc 260 S Forge Box 270 Akron 8 Ohio
 Alside Inc 1415 Waterloo Rd Akron Ohio
ALUMINUM CO OF AMERICA 1301 ALCOA BLDG PITTSBURGH 19 PA
CONSOLIDATED GENERAL PRODS INC PO BOX 7425 HOUSTON TEXAS
 Continental Aluminum Corp S Kearny NJ
 Federal Building Prods 131 W Seeboth St Milwaukee Wis
 National Metal Prods Co 1001 Ridge Ave Pittsburgh 33 Pa
 Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
REYNOLDS METALS CO BLDG PRODS DIV 2061 S NINTH ST LOUISVILLE 1 KY
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA

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 Lifetime Industries Inc 629 Bergman Ave Louisville 3 Ky
 Macale Asphalt Corp 131 S Taylor St South Bend 24 Ind
 Protective Prods Co 2701 University Ave Minneapolis 18 Minn
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America's Top Quality door! . . . made of rolled steel sections and ferromolybdate plated, incorporating the latest design principals. Available in stock sizes for standard or Thermopane glass sizes.



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SLIDING DOORS

America's most beautiful aluminum and hardwood door with an aluminum or oak threshold for silent, smooth and easy operation on sealed ball-bearings. Shipped in knocked-down units for quick, easy installation.



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GLASS DOOR WALLS

The ideal all steel, low-priced door with quality features designed to meet the special requirements for tract or mass installations. Available in all standard stock sizes.



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ELECTROMODE

WORLD'S MOST COMPLETE LINE

ALL-ELECTRIC HEATERS

ELECTRIC
HEATING SYSTEMS



100%
SAFE

Only ELECTROMODE has the sealed-in CAST-ALUMINUM HEATING ELEMENT. No danger of fire, shock or burn. Guaranteed for 5 years. Built-in safety switch prevents overheating.
Approved by Underwriters' Laboratories.

For More Than a Quarter Century Electromode Has Specialized in One Specific Industry

HEATING BY
ELECTRICITY

**BASEBOARD
HEATER**

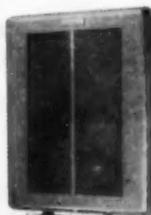
LOW LEVEL
PERIMETER HEAT

Basic Unit: 32" long, 8 1/2" high, 3" wide. 600 watts, 120 or 240 volts. Blank sections, endpieces and corners available so that a completely harmonious, unbroken baseboard effect may be carried out in any size room. Separate thermostat for each room.



WALL-TYPE HEATERS

- Capacities for All Size Rooms
- Fan-Circulated Heat
- Modern Designs
- Fast, Easy To Install
- Automatic Control
- Satisfied Users



For BIG Rooms

MODEL WA
Distributes Heat by Down-Flo Principle. Silver Grey Hammertone Finish

MODEL WJA
Choice of Chrome or White Enamel Finish

For BATHROOMS

MODEL RC-11A
Combines principles of radiant and convection heating. No glass or ceramics to break. Silver grey hammertone finish.

**CEILING RADIANT
CABLE HEAT**

Electromode Heating Cable installed in ceiling radiates clean, sunlike heat downward. Has Magic Seal coating which prevents streaks on ceiling when cable is embedded in plaster. Automatic temperature control by separate thermostat for each room.



Diagram showing sectional view of cable before plastering illustrates how Electromode Ceiling Radiant Heat warms floors and everything in room.

ELECTROMODE CORPORATION, Dept. AB-45
45 CROUCH STREET, ROCHESTER 3, N. Y.

Please send free literature with specifications, illustrations, and how to figure and install Electromode Heaters and Heating Systems.

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Address _____
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Air-O-Cel Co 22000 Woodward Ave Detroit 20 Mich
Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
Badger Corrugating Co 1801 West Ave S La Crosse Wis
Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BIRD & SON INC 47 WILSON ST E WAL-POLE MASS
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
KEASBEY & MATTISON CO BUTLER AVE AMBLER PA
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
Pabeo Prods Inc 475 Brannan St San Francisco Calif
Re-Nu-It Corp 424 W 42nd St New York 36 NY
RUBEROID 500 FIFTH AVE NEW YORK 36 NY
Soudur Corp of New York 122 E 42nd St New York 17 NY
Tuffalt Inc 127 Bauman St Pittsburgh 10 Pa
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

▶ SIDING, ASBESTOS CEMENT, CORRUGATED

Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
KEASBEY & MATTISON CO BUTLER AVE AMBLER PA
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
RUBEROID CO 500 5TH AVE NEW YORK 36 NY

▶ SIDING, ASPHALT, LAMINATED, RIGID

Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
Globe Roofing Prods Co Inc 2207 Schrage Whiting Ind
Globe Siding Prods Co 2207-51 Schrage Whiting Ind
Logan-Long Co 6600 S Central Ave Chicago 38 Ill
Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY

▶ SIDING, ASPHALT, PATTERNED, INSULATING

Amalgamated Roofing Mills 6600 S Central Chicago 38 Ill
Asbestos Asphalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill
Badger Corrugating Co 1801 West Ave S La Crosse Wis
Barrett Div Allied Chemical & Dye Corp 40 Rector St New York 6 NY
BIRD & SON INC 47 WILSON ST E WAL-POLE MASS
Bonafide Mills Inc 295 Fifth Ave New York NY
Brixite Mfg Co Inc 8 Kearny NJ
Carey (Philip) Mfg Co 316 S Wayne Cincinnati 15 Ohio
CELOTEX CORP 120 S LASALLE ST CHICAGO 3 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
Eaton (Alexander) Co Merchandise Mart Chicago 54 Ill

FLINTKOTE CO 30 ROCKEFELLER PLAZA NEW YORK 20 NY
Globe Roofing Prods Co Inc 2207 Schrage Whiting Ind
Globe Siding Prods Co 2207-51 Schrage Whiting Ind
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 16 NY
Jones & Brown Inc 459 Sixth Ave Pittsburgh 19 Pa
Keystone Asphalt Prods Co 101 E Ontario St Chicago 11 Ill
Lehon Co Madison at 25th Ave Bellwood Ill
Logan-Long Co 6600 S Central Ave Chicago 38 Ill
Mastic Asphalt Corp 131 S Taylor St South Bend 24 Ind
National Mfg Corp 3343 Flanagan St Tonawanda NY
Nelson (B F) Mfg Co 401 NE Main St Minneapolis 13 Minn
Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
Plastergen Wall Board Co 196 Philadelphia Buffalo 7 NY
Protective Prods Co 2701 University Ave Minneapolis 18 Minn
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
Tamko Asphalt Prods Inc 601 N High Joplin Mo
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 4 ILL
Wentherpanel Siding Inc 285 Chandler St Buffalo 7 NY

▶ SIDING, HARDBOARD

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Buffalo Mfg Corp 150 Pine St Grays Lake Ill
Forest Fiber Prods Corp Box 68 AB Forest Grove Ore
MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL
MEADOWS (W R) INC 2 KIMBALL ELGIN ILL
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
Plytex Corp 1731 Elston Ave Chicago 22 Ill
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

▶ SIDING, IRON & STEEL

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN STEEL & WIRE DIV US STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 12 OHIO
Armed Steel Corp 708 Curtis St Middletown Ohio
REPUBLIC STEEL CORP BERGER DIV 1038 BELDEN AVE NE CANTON 5 OHIO
BETHLEHEM STEEL CO BETHLEHEM PA
CECO STEEL PRODS CORP 5601 W 36TH ST CHICAGO 56 ILL
Cincinnati Sheet Metal & Roofing Co 230 E Front St Cincinnati 2 Ohio
COLUMBIA-GENEVA DIV U S STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
Continental Steel Corp 1109 S Main St Kokomo Ind
Fries & Son Steel Construction & Engineering Co Covington Ky
Granite City Steel Co 20th & Madison Granite City Ill
Houston Pipe & Sheet Metal Works Box 1492 Houston Texas
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
Klauer Mfg Co 9th & Washington Sts Dubuque Iowa
La Crosse Steel Roofing Co 227 Jay St La Crosse Wis
Macomber Inc 1925 Tenth Canton Ohio
Mid States Steel & Wire Co Crawfordsville Ind
Newport Steel Corp 9th & Lowell Sts Newport Ky
Reeves Steel & Mfg Co 6 Iron Ave Dover Ohio
Republic Steel Corp Republic Bldg Cleveland 1 Ohio
Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
ST PAUL CORRUGATING CO 8 END WABASH ST ST PAUL 1 MINN
SOUTHERN STATES IRON ROOFING CO STILES & LOUISVILLE SAVANNAH GA
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
Tennison Bros Inc 450 N Bellevue Memphis 1 Tenn
Tiffin Art Metal Co Box 807 Tiffin 18 Ohio
UNITED STATES STEEL CORP 525 WILIAM PENN PL PITTSBURGH 30 PA
Wheeling Corrugating Co 1134 Market St Wheeling W Va
Wheeling Steel Corp Wheeling W Va

▶ SIDING, LOG

Abbot Fox Lumber Co Iron Mountain Mich
Anaconda Copper Mining Co Bonner Mont
Bradley Lumber Co of Arkansas PO BOX 390 Warren Ark
Christiansen (C M) Co Phelps Wis
Collins Ponderosa Lumber Co Ponderosa Ore
Comfort (Geo N) Lumber Co Euclid Ave at E 8th Cleveland Ohio
CONNOR LUMBER & LAND CO 231 THOMAS ST LAUSAU WIS
Cook County Lumber Co 209 E 130th St Chicago 28 Ill
Firpine Prods Co PO Box 188 Oswego Ore
Fleishel Lumber Co 4243 Duncan Ave St Louis 10 Mo
Fox Abbot Lumber Co Iron Mountain Mich
Frost Lumber Industries PO Drawer 1125 Shreveport 90 La
Goodman Lumber Co Goodman Wis
Hill-Behan Lumber Co 6515 Page St Louis Mo
Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
Kennedy (J G) Lumber Co Seattle 1 Wash
Kinzua Pine Mills Co Kinzua Ore
Mauk Seattle Lumber Co 3935 University Seattle 5 Wash
Miller (E C) Cedar Lumber Co Aberdeen Wash
New Mexico Timber Co PO Box 988 Albuquerque NM
Rainy Lake Lumber Co Ltd 111 W Washington St Chicago 2 Ill
Redwood Sales Co 333 Montgomery St San Francisco 4 Calif
Roshoro Lumber Co Springfield Ore
Rustic Furniture Co Inc Williamstown NJ
ST PAUL & TACOMA LUMBER CO 1220 ST PAUL AVE TACOMA WASH
Sullivan Lumber Co Portland Ore
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Union Lumber Co 620 Market St San Francisco Calif
Walton Lumber Co Everett Wash
Warren-Lamb Lumber Co Rapid City SD
WEYERHAEUSER SALES CO 1ST NATIONAL BANK BLDG ST PAUL 1 MINN
Weyerhaeuser Sales Co Tacoma Building Tacoma 1 Wash
Wilson (A K) Lumber Co PO Box 150 Compton Calif
Winton Lumber Sales Co 2500 Foshay Tower Minneapolis 2 Minn
Wood Lumber Co Birmingham Ala

▶ SIDING, PLASTIC, PATTERNED, INSULATING

Re-Nu-It Corp 424 W 42nd St New York 36 NY

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Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 14 MASS
Midwest Plywood Co 10101 Lyndon Ave Detroit 21 Mich
Plytex Corp 1731 Elston Ave Chicago 22 Ill
U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY

▶ SIDING, UNDERLINER, INSULATING, BLANKET

Air-O-Cel Co 22000 Woodward Ave Detroit 20 Mich
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
MEADOWS (W R) INC 2 KIMBALL ELGIN ILL
Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
Old American Roofing Mills 7600 Truman Rd Kansas City Mo
RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
Wood Conversion Co 1st National Bank Bldg St Paul 1 Minn

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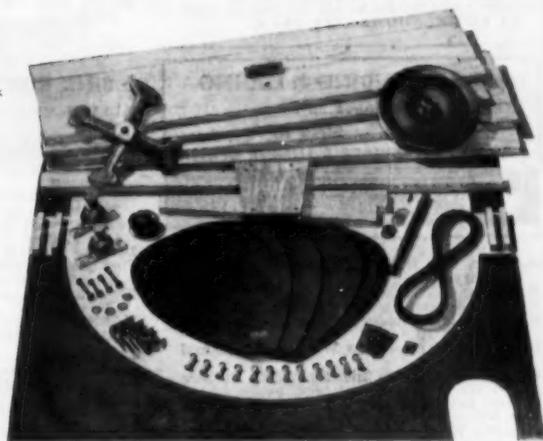
Stewart's Easy "Do-It-Yourself" Fans!

RETAILERS!

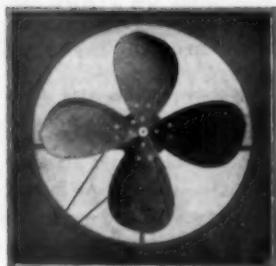
Wake up summer profits with these low cost, high profit, fast turnover Stewart Fans.

BUILDERS!

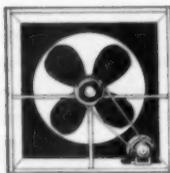
High quality attic or window fans at a fraction of normal cost.



Available in 24" and 30" Blade Sizes. All parts shown above are included in outfit.



Outside view



Inside view



Everything in a package—easy to handle—takes little storage space 3" x 18" x 38"—shipping weight 35 lbs. 1/4 h. p. rubber mounted motor, 1750 R. P. M. recommended—but not furnished—see illustration of parts.

HIGH QUALITY PRECISION PARTS AT LOWEST COST!

RETAILERS: Here is one of the finest items for the ever-growing "Do-It-Yourself" market. This splendid profit-making package fan gives the home-workshop enthusiast the makings of a fan to cool his entire house. Stewart "Do-It-Yourself" fan outfits are low cost yet are first quality throughout. Only precision parts are used. Composition blades are guaranteed not to warp, bend or rust (also washable). Manufactured to perfection. Smooth, silent operation with no vibration.

EASY TO SELL! EASY TO DISPLAY! EASY TO STOCK!

BUILDERS: Add sales appeal to your houses with these low cost, easily assembled Stewart "Knock-Down" fan outfits. High quality fans designed for use as window or attic fans. Generous discount structure for volume builders.

Write, wire, or phone today for Bulletin WA 2153.

S. J. STEWART {ELECTRIC}

527-539 St. Joseph St.

PHONES: Ra. 4308-4309

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NU-ART BINDING & EDGING

See Pages 56-59

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 Semporel Metals Inc Borden Ave & Dutchkills Long Island City NY
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
 Stewart Iron Works Inc PO Box 1039 Cincinnati 1 Ohio
 Tennessee Enamel Mfg Co 4104 Park Ave Nashville 9 Tenn
 Tiffin Art Metal Co Box 807 Tiffin 16 Ohio
 Trio Letters Inc 329 Woodlawn Aurora Ill
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 Caldwell (W E) Co 2320 Brook St Louisville 8 Ky
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 Fairfield Engineering Co 324 Barnhart St Marion Ohio
 Fleming Mfg Co 4985 Fyler Ave St Louis 9 Mo
 Globe Silos Unadilla NY
 Harder Silo Co Inc Box 110 Cobleskill NY
 Illinois Wire & Mfg Co PO Box 1396 Joliet Ill
 Independent Silo Co 752 Vandalia St St Paul Minn
 Johnson (C B) Co The PO Box 71 Champaign Ill
 Johnson & Carlson 848 W Eastman Chicago 22 Ill
 Kalamazoo Tank & Silo Co 508 Harrison St Kalamazoo Mich
 Lippmann Engineering Works 4693 W Mitchell St Milwaukee 14 Wis
 Marietta Concrete Corp 1949 Register Ave Marietta Ohio
 Material Handling Inc 4985 Fyler Ave St Louis 9 Mo
 Nebraska Bridge Supply & Lumber Co 40th & Leavenworth Omaha 5 Neb
 Neff & Fry Co 150 S Main St Camden Ohio
 Ross Equipment Co Warden St Springfield Ohio
 Schlechter (E F) Inc Commerce Trust Bldg Philadelphia 2 Pa
 Twin City Tank Silo & Specialty Co 38th Ave NE & Fifth Minneapolis Minn
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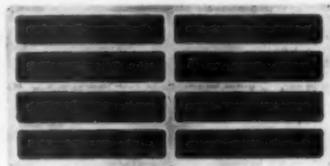
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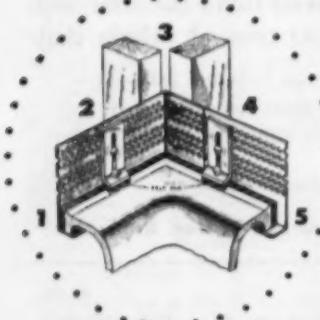
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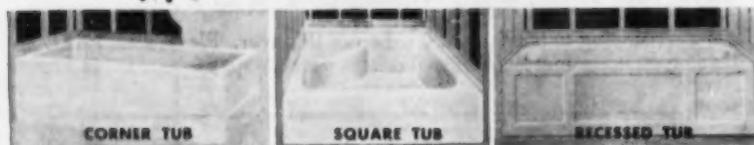
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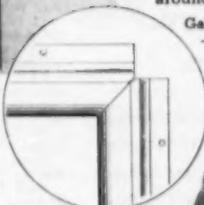


No. 101 Edge Guard

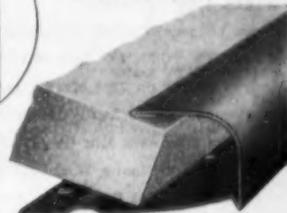
— for door and window casings. Easily installed before or after wall-board is in. No spackle required around this trim.

Galvanized steel for $\frac{3}{8}$ " — $\frac{1}{2}$ " — $\frac{5}{8}$ " board. 7' — 12' lengths. U. S. Pat. No. 2,663,390. Canadian Pat. No. 506,022.

$\frac{3}{8}$ " — $\frac{1}{2}$ "
Factory
Mitered at
no extra
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square cut.



Patented design—grips board with firm spring action. No spackle required.



No. 106

Means beautifully finished job. For $\frac{3}{8}$ " — $\frac{1}{2}$ " — $\frac{5}{8}$ " board. 7' — 12' lengths.

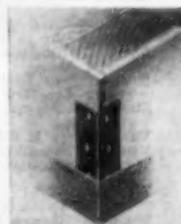
No. 106 — 108 Edge Guard

Insure neat, protective finished edge. Is butted at corner, nailed through board into stud. Knurled for good spackle adhesion. Paint adheres.

Packaged — 86 — 7' pieces 60¢
50 — 12' pieces 60¢



No. 108



No. 220 For External Wallboard Surfaces

Note rounded corner design to give extra protection against hard bumps. Means correctly finished corners — permanently. Knurled for good spackle adhesion. Easily cut and fitted. Nails easily, quickly through board to stud. A better job — no extra cost.

Size —
1" x 1" — 8' — 6'0" lengths
Packed 1000' to crate.

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Martin-Senour Co 2520 S Quarry St Chicago
8 Ill
Meta-Kote Corp 517 Gardner Bldg Toledo 14
Ohio
Minnesota Paints Inc 1101 Third St S Minne-
apolis Minn
Mobile Paint Mfg Co PO Box 1686 Mobile Ala
Moore (Benjamin) & Co 511 Canal St New
York 13 NY
Murphy Paint Div Interchemical Corp 224
McWhorter St Newark NJ
O'Brien Corp 101 N Johnson St South Bend
21 Ind
OLYMPIC STAINED PRODUCTS CO 1118
LEARY WAY SEATTLE 7 WASH
Parker (Ira) & Sons Oakshoek Wis
Patterson-Sargent Co 1325 E 38th St Cleveland
14 Ohio
PERMA PRODS CO 5455 BROADWAY
CLEVELAND 27 OHIO
PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE BLVD PITTSBURGH 22 PA
Portland Shingle Co 9038 N Denver Ave Port-
land Ore
Pratt & Lambert Inc 75 Tonawanda St Buffalo
7 NY
Sarvent-Gerke Co 323 W 15th St Indianapolis
8 Ind
Seidlitz Paint & Varnish Co 18th & Garfield St
Kansas City 10 Mo
Sherwin-Williams Co 101 Prospect Ave Cleve-
land 1 Ohio
Sonnborn & Sons Building Prods Div 404
Fourth Ave New York 16 NY
Standard Industrial Prods 1500 Park St Evans-
ville 4 Ind
Vaispar Corp 11 E 36th St New York 16 NY
Vita-Var Corp 10 Commerce Ct Newark NJ
Wadsworth Howland & Co 141 Federal Boston
Mass
WEATHERBEST CORP 986 OLIVER ST N
TONAWANDA NY
Wetherill (George D) & Co Inc 113 Arch St
Philadelphia 6 Pa
Wood Treating Chemicals Co 5137 Southwest
Ave St Louis 10 Mo

Chicago Paints Inc 4500 W 14th Chicago 23
Ill
Chi-Namel Paint & Varnish Co 1101 Third St S
Minneapolis Minn
Crep-Dipt Co Inc 986 Oliver St N Tonawanda
NY
Devco & Reynolds Co Inc 787 First Ave New
York 17 NY
Douglas Fir Wholesalers Inc Marysville Wash
Dupont de Nemours (E I) & Co Inc 1007 Market
St Wilmington 98 Del
Elliott Paint & Varnish Co 4523 Fifth Ave Chi-
cago 24 Ill
Empire Varnish Co 2636 E 76th St Cleveland 4
Ohio
Flexrock Co 36th & Filbert Sts Philadelphia 4
Pa
Foy Paint Co Inc 1776 Mentor Ave Cincinnati
12 Ohio
Gillespie Varnish Co Dey & Howell Sts Jersey
City 6 NJ
GLIDDEN CO BEREA RD & MADISON
CLEVELAND 2 OHIO
Hooker Glass & Paint Mfg Co 659 W Wash-
ington Chicago 6 Ill
Horn (A C) Co Inc Tenth St & 44th Ave Long
Island City 1 NY
Johnson (R F) Paint Co 3925 Huston Ave Cin-
cinnati 12 Ohio
Kaptur (Joseph J) & Co 121st & 90th Sts Palos
Park Ill
Kyanize Paints Inc 2nd & Boston Sts Everett
49 Mass
Lawrence (W W) & Co 1124-32 W Carson
Pittsburgh 19 Pa
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Lucas (John) & Co Inc 1619 Pennsylvania Blvd
Philadelphia Pa
Martin-Senour Co 2520 S Quarry St Chicago
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NY
Devco & Reynolds Co Inc 787 First Ave New
York 17 NY
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St Wilmington 98 Del
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Pa
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12 Ohio
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City 6 NJ
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CLEVELAND 2 OHIO
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Ave St Louis 10 Mo

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Devco & Reynolds Co Inc 787 First Ave New
York 17 NY
Douglas Fir Wholesalers Inc Marysville Wash
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St Wilmington 98 Del
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CLEVELAND 2 OHIO
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Philadelphia 6 Pa
Wood Treating Chemicals Co 5137 Southwest
Ave St Louis 10 Mo

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Minneapolis Minn
Crep-Dipt Co Inc 986 Oliver St N Tonawanda
NY
Devco & Reynolds Co Inc 787 First Ave New
York 17 NY
Douglas Fir Wholesalers Inc Marysville Wash
Dupont de Nemours (E I) & Co Inc 1007 Market
St Wilmington 98 Del
Elliott Paint & Varnish Co 4523 Fifth Ave Chi-
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Empire Varnish Co 2636 E 76th St Cleveland 4
Ohio
Flexrock Co 36th & Filbert Sts Philadelphia 4
Pa
Foy Paint Co Inc 1776 Mentor Ave Cincinnati
12 Ohio
Gillespie Varnish Co Dey & Howell Sts Jersey
City 6 NJ
GLIDDEN CO BEREA RD & MADISON
CLEVELAND 2 OHIO
Hooker Glass & Paint Mfg Co 659 W Wash-
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Horn (A C) Co Inc Tenth St & 44th Ave Long
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Johnson (R F) Paint Co 3925 Huston Ave Cin-
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Kaptur (Joseph J) & Co 121st & 90th Sts Palos
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Pittsburgh 19 Pa
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Lucas (John) & Co Inc 1619 Pennsylvania Blvd
Philadelphia Pa
Martin-Senour Co 2520 S Quarry St Chicago
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Meta-Kote Corp 517 Gardner Bldg Toledo 14
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Minnesota Paints Inc 1101 Third St S Minne-
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Mobile Paint Mfg Co PO Box 1686 Mobile Ala
Moore (Benjamin) & Co 511 Canal St New
York 13 NY
Murphy Paint Div Interchemical Corp 224
McWhorter St Newark NJ
O'Brien Corp 101 N Johnson St South Bend
21 Ind
OLYMPIC STAINED PRODUCTS CO 1118
LEARY WAY SEATTLE 7 WASH
Parker (Ira) & Sons Oakshoek Wis
Patterson-Sargent Co 1325 E 38th St Cleveland
14 Ohio
PERMA PRODS CO 5455 BROADWAY
CLEVELAND 27 OHIO
PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE BLVD PITTSBURGH 22 PA
Portland Shingle Co 9038 N Denver Ave Port-
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Pratt & Lambert Inc 75 Tonawanda St Buffalo
7 NY
Sarvent-Gerke Co 323 W 15th St Indianapolis
8 Ind
Seidlitz Paint & Varnish Co 18th & Garfield St
Kansas City 10 Mo
Sherwin-Williams Co 101 Prospect Ave Cleve-
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Sonnborn & Sons Building Prods Div 404
Fourth Ave New York 16 NY
Standard Industrial Prods 1500 Park St Evans-
ville 4 Ind
Vaispar Corp 11 E 36th St New York 16 NY
Vita-Var Corp 10 Commerce Ct Newark NJ
Wadsworth Howland & Co 141 Federal Boston
Mass
WEATHERBEST CORP 986 OLIVER ST N
TONAWANDA NY
Wetherill (George D) & Co Inc 113 Arch St
Philadelphia 6 Pa
Wood Treating Chemicals Co 5137 Southwest
Ave St Louis 10 Mo

► STAIN, WOOD, OIL

Abesto Mfr Corp 131 Wabash St Michigan City
Ind
Barrett Div Allied Chemical & Dye Corp 40
Reactor St New York 6 NY
Breinig Bros 1st & Harrison Hoboken NJ
CABOT (SAMUEL) INC 141 MILK ST
BOSTON 9 MASS
Carbolinum Wood Preserving Co 528 W High-
land Ave Milwaukee 3 Wis
Chicago Bronze & Color Works 2673 W Grand
Ave Chicago 12 Ill

Chicago Paints Inc 4500 W 14th Chicago 23
Ill
Chi-Namel Paint & Varnish Co 1101 Third St S
Minneapolis Minn
Crep-Dipt Co Inc 986 Oliver St N Tonawanda
NY
Devco & Reynolds Co Inc 787 First Ave New
York 17 NY
Dupont de Nemours (E I) & Co Inc 1007
Market St Wilmington 98 Del
Elliott Paint & Varnish Co 4523 Fifth Ave
Chicago 24 Ill
Foy Paint Co Inc 1776 Mentor Ave Cincin-
nati 12 Ohio
Hooker Glass & Paint Mfg Co 659 W Wash-
ington Chicago 6 Ill
Horn (A C) Co Inc Tenth St & 44th Ave Long
Island City 1 NY
Johnson (R F) Paint Co 3925 Huston Ave Cin-
cinnati 12 Ohio
Kyanize Paints Inc 2nd & Boston Sts Everett
49 Mass
Lasting Prods Co Franklinton Rd Baltimore
23 Md
Lawrence (W W) & Co 1124-32 W Carson
Pittsburgh 19 Pa
Linseed Oil Prods Co 1107 S Fremont Ave
Alhambra Calif
Lowe Bros 436 E 3rd St Dayton 2 Ohio
Lucas (John) & Co Inc 1619 Pennsylvania Blvd
Philadelphia Pa
Marletta Paint & Color Co Green & Acme Sts
Marletta Ohio
Martin-Senour Co 2520 S Quarry St Chicago 8
Ill
Minnesota Paints Inc 1101 Third St S Minne-
apolis Minn
Minnesota Platin Corp Platin Bldg Pipestone
Minn
Moore (Benjamin) & Co 511 Canal St New
York 13 NY
National Lead Co 111 Broadway New York 6
NY
O'Brien Corp 101 N Johnson St South Bend
21 Ind
OLYMPIC STAINED PRODS CO 1118 LEARY
WAY SEATTLE 7 WASH
Parker (Ira) & Sons Oakshoek Wis
PERMA PRODS CO 5455 BROADWAY
CLEVELAND 27 OHIO
Phelan-Faust Paint Mfg Co 932 Loughborough
St Louis 11 Mo
PITTSBURGH PLATE GLASS CO 632 FORT
DUQUESNE BLVD PITTSBURGH 22 PA
Pratt & Lambert Inc 75 Tonawanda St Buf-
falo 7 NY
Rockford Paint Mfg Co 290 Sayre St Rockford
Ill
Seidlitz Paint & Varnish Co 18th & Garfield St
Kansas City 10 Mo
Sherwin-Williams Co 101 Prospect Ave Cleve-
land 1 Ohio
Sonnborn & Sons Building Prods Div 404
Fourth Ave New York 16 NY
Standard Industrial Prods 1500 Park St Evans-
ville 4 Ind
Standard-Toch Chemicals Inc 2600 Richmond
Ter Staten Island NY
Toch Bros 2600 Richmond Ter Staten Island
NY
Trucon Laboratories Div Devco & Reynolds
Co Inc Caniff at Grand Trunk Ry Detroit 11
Mich
Vita-Var Corp 10 Commerce Ct Newark NJ
Watson (Geo E) Co 417 S Wabash Ave Chicago
Ill
WEATHERBEST CORP 986 OLIVER ST N
TONAWANDA NY

► STAIRS, STEEL

ARTCRAFT ORNAMENTAL IRON CO 724
E HUDSON ST COLUMBUS 11 OHIO
Badger Wire & Iron Works Inc 2933 W Cleve-
land Milwaukee 15 Wis
CINCINNATI IRON FENCE CO INC 2101
FLORENCE AVE CINCINNATI 6 OHIO
Davis & Siehl Co Dept Ab Box 78 Sta A
Cincinnati 23 Ohio
Decatur Iron & Steel Co 2nd St Decatur Ala
Flske (J W) Iron Works 80 Park Pl New York
7 NY
GENERAL BRONZE CORP STEWART AVE
GARDEN CITY LI NY
Grand Rapids Wire Prods Co 501 Front Ave
Grand Rapids 4 Mich
Harris Inc 200 E Long St Columbus Ohio
Houston Pipe & Sheet Metal Works Box 1692
Houston Texas
International Steel Co 1321 Edgar St Evans-
ville 7 Ind
Logan Co 201 Cabel St Louisville 6 Ky
Mesker (George L) Steel Corp 400 NW First
St Evansville 8 Ind
METAL CRAFTERS "E" AVE AT 18TH ST
CEDAR RAPIDS IOWA
St Paul Foundry & Mfg Co 500 Como Ave St
Paul 3 Minn
Smith (F P) Wire & Iron Works Inc 2340 N
Clybourn Chicago 14 Ill
Stewart Iron Works Inc PO Box 1039 Cin-
cinnati 1 Ohio
Wiemann (Ernest) Iron Works 2035 E 11th
Tulsa 4 Okla



New
**Prefabricated
 FIREPLACE**

- SAVES TIME
- SAVES LABOR
- ADDS SALES APPEAL

**Complete from Hearth to
 Chimney Top:**

The Uni-bilt Fireplace is a full-size wood-burning fireplace complete with its own chimney. Provides the sales appeal of an open fireplace at a cost within the reach of even the most modest homes. Blends with any architecture or room decoration; can be painted to harmonize with any color scheme.

Installs in 4 to 6 Manhours:

Semi-skilled workmen can install the Uni-bilt Fireplace and chimney complete in 4 to 6 man-hours. A perfectly operating fireplace is assured because it is scientifically engineered and factory built.

No Masonry Required:

Costly fireplace and chimney masonry becomes a thing of the past, as do annoying chimney construction delays due to weather. No reinforcing of floors or walls is necessary, no special tools are required.

Approved by Underwriters' Laboratories

The Uni-bilt Fireplace has been thoroughly tested and approved by Underwriters' Laboratories for installation directly against any wall, floor, ceiling or roof material. It can be safely installed in new or existing homes.

Mail this Coupon Now for Full Details

Uni-bilt
FIREPLACE

• Vega Industries, Inc., Uni-bilt Div.
 • 414 Glen Ave., Syracuse 5, N. Y.
 • Please send complete descriptive information on the new Uni-bilt Fireplace.
 • Name.....
 • Company.....
 • Street.....
 • City.....Zone.....State.....
 • I am a Builder Architect Dealer

STAIRS, WOOD, MATERIALS FOR

American Sash & Door Co 16th & Bellefontaine Kansas City 1 Mo
 Bradley Lumber Co of Arkansas PO Box 590 Warren Ark
BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN
 Cole Mfg Co PO Box 2657 Memphis 3 Tenn
CURTIS COB INC 1200 S SECOND AVE CLINTON IOWA
 Farley & Loetacher Mfg Co Dubuque Iowa
 Goshen Bros Lumber Co Box 989 Eugene Ore
 Goshen Sash & Door Co E Purl Goshen Ind
 Harris Inc 239 E Long St Columbus Ohio
 Huttig Mfg Co Muscatine Iowa
 Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
 Hyde-Murphy Co Murphy Bldg Ridgway Pa
 Marquart Millwork Co 59 Cease St Oshkosh Wis
 Memphis Hardwood Flooring Co 1591 Thomas St Memphis 7 Tenn
 Morrison Co 529 Oregon St Oshkosh Wis
 Morgan Sash & Door Co 2287 Blue Island Ave Chicago 8 Ill
 Nickey Bros Inc 2700 Summer Ave Memphis Tenn
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Mo
 Radford & Sanders Inc 612 W Pratt St Baltimore Md
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Seelke & Hohlhaus Co 600 S 2nd St La Crosse Wis
 Snedaker (Frank C) Co Inc 3551 N 9th St Philadelphia 40 Pa
 Southern Mill & Mfg Co PO Box 1087 Tulsa 1 Okla
 Spokane Sash & Door Co PO Box Spokane Wash
 Virginia Oak Flooring Co Inc PO Box 969 Pulaski Va
 Weyerhaeuser Sales Co Tacoma Bldg Tacoma 1 Wash
 Williams-Brownell Inc PO Box 1091 Asheville NC

STAIRWAY, DISAPPEARING

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 American Ladder Co 5509 NW 7th Ave Miami 38 Fla
BESSLER DISAPPEARING STAIRWAY 1900 E MARKET ST AKRON 5 OHIO
 Craig Wood Prods Co Brennan Rd Columbus Ga
EZ-WAY SALES INC BOX 390 ST PAUL PARK MINN
 Farley & Loetacher Mfg Co Dubuque Iowa
 Foldway Stairway Co Inc 813 Seaboard St Portsmouth Va
 Goshen Sash & Door Co E Purl Goshen Ind
 Huntington Industries Inc 2368 Prospect St Memphis Tenn
 Kaptur (Joseph J) & Co 121st & 90th St Palos Park Ill
 Marschke Co 1895 N Cleveland St Paul 8 Minn
 Minnesota Wood Specialties Inc St Paul Park Minn
 Mott Bros Co 907 S Main St Rockford Ill
 Newark Ladder & Bracket Co Inc 17 Walnut Ave (Clark) Rahway NJ
PRECISION PARTS CORP 400 N FIRST ST NASHVILLE 7 TENN
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
 Richblitt Mfg Co 3277 Spring Grove Cincinnati 5 Ohio
 Ronch & Musser Co Muscatine Iowa
 Spurgeon (N B) Co 29 N Wacker Dr Chicago 8 Ill
 Web-Bilt Prods Co Box 95 Memphis 1 Tenn

STAKES, SURVEYORS

Brooks-Scanlon Inc Box 1111 Bend Ore
 Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
LUFFIN RULE CO 1730 HESS AVE SAGINAW MICH
 Norton Mfg Co Box 3067 Memphis 9 Tenn
 Phillips Wood Prods Co Inc PO Box 257 Brookhaven Miss
 Rose (D M) & Co Rose Pl Knoxville 4 Tenn
 Warren-Lamb Lumber Co Rapid City SD

STAPLERS & STAPLES

Acme Staple Co 1643 Haddon Ave Camden 3 NJ
 Acme Steel Co 2840 Archer Ave Chicago 8 Ill
ARROW FASTENER CO 1 JUNIUS BROOKLYN 13 NY
 Atlas Tack Corp S Pleasant St Fairhaven Mass
 Badger Corrugating Co 1801 West Ave S La Crosse Wis

BETHLEHEM STEEL CO BETHLEHEM PA
BOSTITCH INC 1101 MECHANIC ST WEST-ERLY RI
 Burreas Fastening Co 1220 W Ninth St Cleveland 13 Ohio
 Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
 Crofoot Mfg Co 217 Evergreen Mt Prospect Ill
FASTENER CORP 840 W FLETCHER ST CHICAGO 10 ILL
GULF STEEL & WIRE CO SAN JUAN PR
HANSEN (A L) MFG CO 5027 N RAVENSWOOD CHICAGO 40 ILL
 Heller Co 2125 Superior Ave Cleveland 14 Ohio
 Hillwood Mfg Co 21700 St Clair Ave Cleveland 17 Ohio
 Independent Metal Strap Co Inc 230 Third St Brooklyn 15 NY
 Jones & Laughlin Steel Corp 3 Gateway Center Bldg Pittsburgh 39 Pa
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
 Markwell Mfg Co 200 Hudson St New York 13 NY
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 National Screw & Mfg Co 2440 E 75th St Cleveland 4 Ohio
 Oiljak Mfg Co Depot Square Montclair NJ
 Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill
 Sheffield Steel Div Armco Steel Corp Sheffield Sta Kansas City 25 Mo
 Shelton Tack Co 103 Canal St Shelton Conn
SPOTNAILES INC 1527 LYONS EVANSTON ILL
TENNESSEE COAL & IRON DIV U S STEEL CORP PO BOX 599 FAIRFIELD ALA

STAPLES, METAL FURRING OR LATH

AMERICAN STEEL & WIRE DIV U S STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
BETHLEHEM STEEL CO BETHLEHEM PA
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV U S STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Continental Steel Corp 1109 Main St Kokomo Ind
GULF STEEL & WIRE CO SAN JUAN PR
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 39 Pa
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio

STAYS, FENCE

AMERICAN STEEL & WIRE DIV U S STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL

STEEL, CONCRETE REINFORCING

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN STEEL & WIRE DIV U S STEEL CORP 1420 ROCKEFELLER BLDG CLEVELAND 13 OHIO
BETHLEHEM STEEL CO BETHLEHEM PA
 Blue Diamond Corp 1650 S Alameda St Los Angeles Calif
 Carter-Waters Corp 2440 Pennway Kansas City 8 Mo
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV U S STEEL CORP RUSS BLDG SAN FRANCISCO 6 CALIF
 Consolidated Iron-Steel Mfg Co 1292 E 53rd Cleveland 14 Ohio
 Copco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
 Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Maryland
 Inland Steel Co 38 S Dearborn St Chicago 3 Ill
 International Steel Co 1321 Edgar St Evansville 7 Ind
 Kaiser Steel Corp 1924 Broadway Oakland Calif
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
 Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
 Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 39 Pa
 Republic Steel Corp Republic Bldg Cleveland 1 Ohio
 Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill

Sheffield Steel Div Armco Steel Corp Sheffield Sta Kansas City 25 Mo
 Soud Steel Co 1750 Army St San Francisco 24 Calif
TENNESSEE COAL & IRON DIV U S STEEL CORP PO BOX 599 FAIRFIELD ALA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1650 ALBERT ST YOUNGSTOWN 1 OHIO
UNITED STATES STEEL CORP 525 WILLIAM PENN PL PITTSBURGH 30 PA
 Wehrli Steel Corp 130 Broadway New York 6 NY
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

STEEL, MASONRY WALL REINFORCING

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Carter-Waters Corp 2440 Pennway Kansas City 8 Mo
CEDAR RAPIDS BLOCK CO 656 12TH AVE CEDAR RAPIDS IOWA

STEEL STRAPPING

Acme Steel Co 2840 Archer Ave Chicago 8 Ill
BRAINARD STEEL DIV SHARON STEEL CORP GRISWOLD ST WARREN OHIO
 Gerrard (A J) & Co 1956 Hawthorne Square Melrose Park Ill
 Gerrard Steel Strapping Div U S Steel Corp 2915 W 47th St Chicago 33 Ill
 Independent Metal Strap Co Inc 230 Third St Brooklyn 15 NY
 Paine Co 7 Westgate Rd Addison Ill
 Renold Tying Machines Inc 1956 N Hawthorne Melrose Park Ill
 Signode Steel Strapping Co 2600 N Western Ave Chicago 47 Ill
STANLEY WORKS NEW BRITAIN CONN

STEEL, STRUCTURAL, MISC. SHAPES, ETC.

Allegheny Ludlum Steel Co Oliver Bldg Pittsburgh 22 Pa
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
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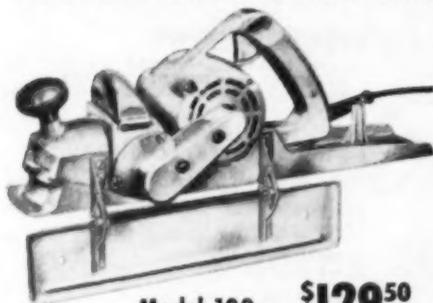
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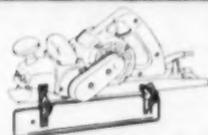
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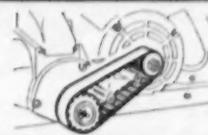


Model 100 ... **\$129⁵⁰**

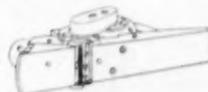
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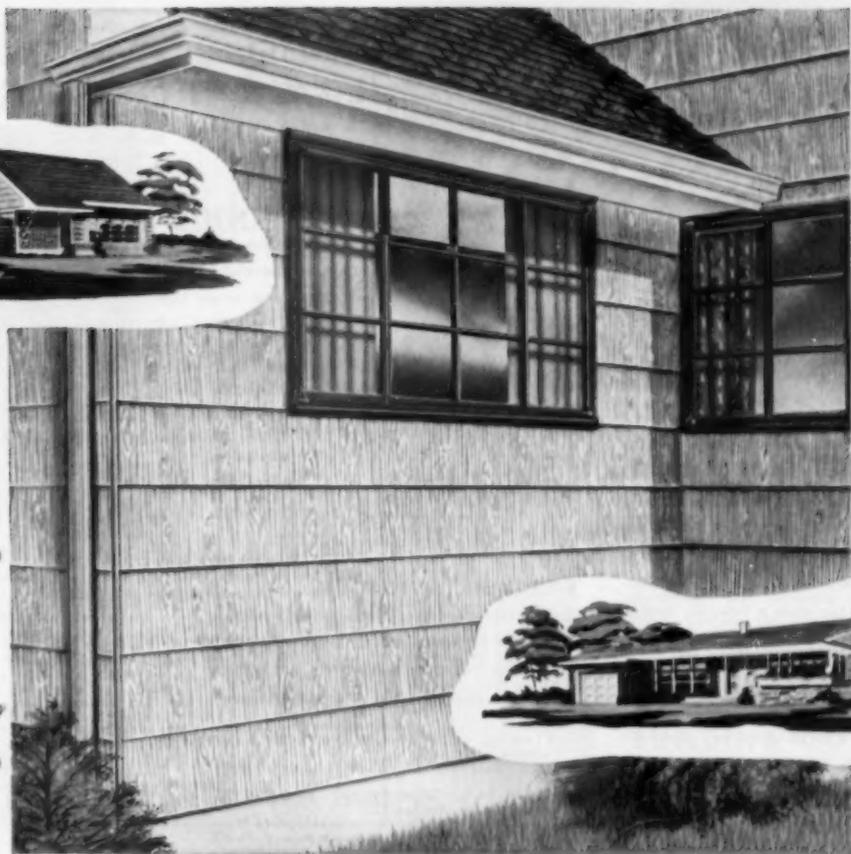
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The most economical rust-proof valley and flashing. Strong — easy to handle — specially tempered — extremely pliable. Never requires painting. Packed in sturdy cartons. Aluminum Valley available in 14", 20" and 28" widths — 50 ft. coils. Aluminum Flashing available in 3", 4", 5", 6", 7" and 8" widths — 50 ft. coils.

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A complete line of high-quality aluminum trim. Modern design — never requires painting. Write for descriptive circular.



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World's Largest Manufacturer of Aluminum Nails

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Rheem Mfg Co 801 Chesley Ave Richmond Calif
Richmond Engineering Co Inc 7th & Hospital
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San-Equip Inc E Brighton & Glen Syracuse 5
NY

▶ TANKS, SEPTIC, WOOD

Arrow Tank Co Inc 16 Barnett St Buffalo 15
NY
Carey Industries 191 Manor Drive Syracuse NY
Fleishel Lumber Co 4243 Duncan Ave St Louis
10 Mo
Johnson & Carlson 848 W Eastman Chicago 22
Ill
U E Challenge & Challenge Co 1441 N Kings-
bury Chicago 22 Ill

▶ TANKS, STEEL, STORAGE

Aermotor Co 2500 W Roosevelt Rd Chicago 8
Ill
American Steel Works 1211 W 27th St Kansas
City 8 Kan
American Water Softener Co 4th & Lehigh Ave
Philadelphia 33 Pa
Badger Corrugating Co 1801 West Ave S La
Crosse Wis
Beall Pipe & Tank Corp 12005 N Burgard St
Portland 3 Ore
Bennett Industries Inc Peotone Ill
Black Sivalis & Bryson Inc 7500 E 12th St
Kansas City 26 Mo
Brever Bros Whiting & Co 4 E Franklin St
Waupun Wis
Butler Co 325 S Broadway Butler Ind
Butler Mfg Co 7400 E 13th St Kansas City
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8 Ky
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Kansas City Mo
Combustion Engineering Inc 911 W Main St
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Delta Tank Mfg Co PO Box 1469 Baton Rouge
La
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Omaha 2 Neb
Edwards Steel Co Fifth & Butler Sts Cincinnati
2 Ohio
Farwell Metal Fabricating Div Farwell Oxum
Kirk & Co Fairfield & Walter St Paul 1 Minn
Heller-Aller Co Napoleon Ohio
Houston Pipe & Sheet Metal Works Box 1692
Houston Texas
La Crosse Steel Roofing Co 227 Jay St La
Crosse Wis
Mantowoc Shipbuilding Inc Manitowoc Wis
Modern Welding Co 1509 E 12th Owensboro
Ky
National Tube Div U S Steel Corp 525 William
Penn Pl Pittsburgh 30 Pa
Rheem Mfg Co 801 Chesley Ave Richmond
Calif
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Sts Richmond 5 Va
St Paul Foundry & Mfg Co 500 Como Ave St
Paul 3 Minn
Schlichter (E F) Inc Commerce Trust Bldg
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Seattle Boiler Works Inc 5237 E Marginal Way
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Slebring Mfg Co Peven St George Iowa
Stover Steel Tank & Mfg Co 109 S Hancock
Preepport Ill
Waldorf Heater Co 1421 Chestnut St Philadel-
phia 2 Pa

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Arrow Tank Co Inc 16 Barnett St Buffalo 15
NY
Atlantic Tank Corp 1207 Tonelle Ave N
Hergen NJ
Baltimore Cooperage Tank & Tower Co Ostend
& Creek Sts Baltimore 30 Md
Black Sivalis & Bryson Inc 7500 E 12th St
Kansas City 26 Mo
Caldwell (W E) Co 2320 Brook St Louisville
8 Ky
Carey Industries 191 Manor Dr Syracuse NY
Dempster Mill Mfg Co 711 S 6th St Beatrice
Neb
Economy Silo & Mfg Co Frederick Md
Fleishel Lumber Co 4243 Duncan Ave St
Louis 10 Mo
Johnson & Carlson 848 W Eastman Chicago 22
Ill
Kalamazoo Tank & Silo Co 508 Harrison St
Kalamazoo Mich
M & M Woodworking Co 2301 N Columbia Blvd
Portland 17 Ore
New England Tank & Tower Co 99 Thelston
St Everett Mass

Pacific Wood Tank Corp 461 Market St San
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Rose (D M) & Co Rose Pl Knoxville 4 Tenn
Schlichter (E F) Inc Commerce Trust Bldg
Philadelphia 2 Pa
Unadilla Silo Co Unadilla NY
Union Lumber Co 620 Market St San Fran-
cisco Calif
U S Challenge & Challenge Co 1441 N Kings-
bury Chicago 22 Ill

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Continental Rubber Works 1956 Liberty St
Erie Pa
Firestone Industrial Prods Co 1200 Firestone
Pkwy Akron 17 Ohio
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Old American Roofing Mills Div Ruberoid Co
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Old American Roofing Mills 7600 Truman Rd
Kansas City Mo
Paranite Wire & Cable Div Essex Wire Corp
1601 Wall St Fort Wayne 6 Ind
Prestlite Engineering Co 3900 Chouteau Ave
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United States Rubber Company 1230 Ave of
Americas New York 29 NY
Van Cleef Bros Inc 7800 S Woodlawn Chicago
19 Ill
Wilson (Grant) Inc 141 W Jackson Blvd Chi-
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St Troy NY
Carborundum Co Buffalo Ave Niagara Falls NY
Fricke (J E) Co 40 N Front St Philadelphia
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Goodrich (B F) Co 500 S Main St Akron 18
Ohio
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DUQUESNE BLVD PITTSBURGH 22 PA**
Prestlite Engineering Co 3900 Chouteau Ave
St Louis 10 Mo
Rauschenberger (John) Co 423 N Plankinton
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Reardon Co 7501 Page Ave St Louis 14 Mo
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Marvan Corp PO Box 219 W Hartford Conn
National Chemical & Mfg Co 3617 S May St
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Tamm Industries Inc 228 N La Salle St
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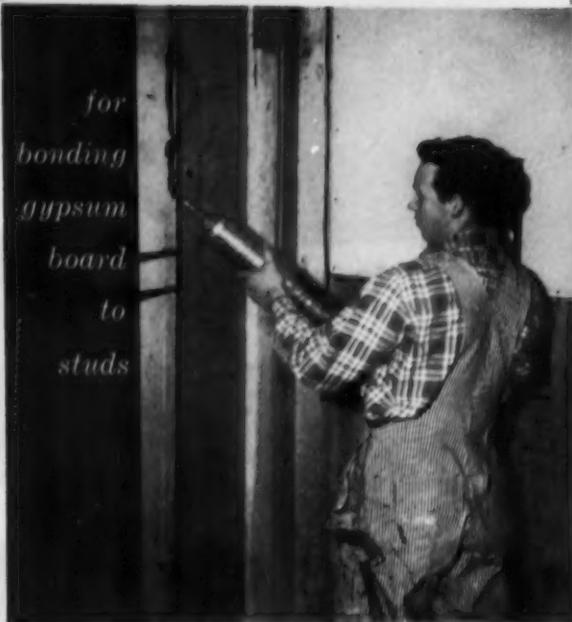
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Gary-Pioneer Steel Corp Gary Ind
Heckmann Bldg Prods Co 4018 W Lake Chi-
cago 24 Ill
**PENN METAL CO INC 205 E 42ND ST NEW
YORK 17 NY**
Richmond Screw Anchor Co 816 Liberty Ave
Brooklyn 5 NY
**SYMONS CLAMP & MFG CO 4249 DIVERSEY
AVE CHICAGO 39 ILL**
**TRUSCON STEEL DIV REPUBLIC STEEL
CORP 1050 ALBERT ST YOUNGSTOWN 1
OHIO**
Universal Form Clamp Co 1238 N Kostner Ave
Chicago 51 Ill
Wheeling Corrugating Co 1134 Market St
Wheeling W Va
Williams Form Engineering Corp 1501 Mad-
ison Ave Grand Rapids Mich

▶ TILE, ACID-PROOF

Atlas Mineral Prods Co Mertztown Pa
Elgin-Butler Brick Co PO Box 816 Austin
Texas
Flexrock Co 36th & Filbert Sts Philadelphia
4 Pa
Harbison-Walker Refractories Co Farmers Bank
Bldg Pittsburgh 22 Pa

Mexico Refractories Co Love & Cole Sts
Mexico Mo
**MOSAIC TILE CO 1949 PERSHING AVE
ZANESVILLE OHIO**
National Tile & Mfg Co E 26th St Anderson
Ind
Sloane-Delaware Floor Prods Inc PO Box 401
Trenton 3 NJ

▶ TILE, ASPHALT

**ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA**
Azroek Prods Div Uvalde Rock Asphalt Co
Box 531 San Antonio 6 Texas
**BIRD & SONS INC 47 WILSON ST E WAL-
POLE MASS**
Camp Co Inc 6958 S State Chicago 21 Ill
Carey (Philip) Mfg Co 316 Wayne Cincinnati
15 Ohio
**CONGOLEUM-NAIRN INC 195 BELGROVE
DR KZARNY NJ**
Duraflex Corp 411 E 25th St Baltimore 2 Md
**FLINTKOTE CO 36 ROCKEFELLER PLAZA
NEW YORK 20 NY**
Goodrich (B F) Co Flooring Div 36 Nichols
Ave Watertown 72 Mass
**HACHMEISTER INC PO BOX 357 PITTS-
BURGH 30 PA**
**JOHNS-MANVILLE CORP 22 E 40TH ST
NEW YORK 16 NY**
**KENTILE INC 58 SECOND AVE BROOKLYN
15 NY**
Mastic Tile Corp of America N Montgomery
Newburgh NY
**MOULTILE INC N MONTGOMERY ST NEW-
BURGH NY**
Pabeo Prods Inc 475 Brannan St San Fran-
cisco Calif
Thomas Moulding Floor Co Inc 325 W Huron
St Chicago 10 Ill
Tile-Text Div Flintkote Co 1200 McKinley Ave
Chicago Heights Ill

▶ TILE, CLAY

Acme Brick Co PO Box 425 Fort Worth Texas
Adel Clay Prods Co 1118 Mulberry St Des
Moines 9 Iowa
American-Olean Tile Co Kenilworth Ave Lans-
dale Pa
Arketex Ceramic Corp 6 N Walnut St Brazil
Ind
Beacon Brick Co 619 Beacon Bldg Wichita 2
Kan
Binghamton Brick Co Inc Binghamton NY
Black Hills Clay Prods Co Box 730 Belle
Fourche SD
Brazil Hollow Brick & Tile Co Brazil Ind
Builders Brick Co 3800 Ninth Ave S Seattle 8
Wash
Cambridge Tile Mfg Co Box 17 Cincinnati 5
Ohio
Charleston Clay Prods Co 1947 Saunders St
Charleston 22 W Va
Chicago Fire Brick Co 1461 N Elston Chicago
22 Ill
Conec Building Prods Inc Box 111 Mendota Ill
Denver Sewer Pipe & Clay Co 4501 Fox St
Denver 1 Colo
Elgin-Butler Brick Co PO Box 816 Austin
Texas
Elgin-Standard Brick Mfg Co Box 546 Elgin
Texas
Evans Pipe Co 23 Newport Ave Uhrichville
Ohio
Evans & Howard Sewer Pipe Co 5200 Man-
chester Ave St Louis 10 Mo
Florida Georgia Brick & Tile Co 589 Nixon
St Jacksonville Fla
Gagnon Clay Prods Co 526 S Broadway Green
Bay Wis
Gladding-McBean & Co 1275 Harrison St San
Francisco Calif
Hope Brick Works PO Box 389 Hope Ark
Interstate Brick Co 3100 S 11th E Salt Lake
City Utah
Kalo Brick & Tile Co 1230 First Ave S Fort
Dodge Iowa
Kraftile Co Niles Calif
Mason City Brick & Tile Co Mason City Iowa
Midland Brick & Tile Co Chillicothe Mo
**MOSAIC TILE CO 1949 PERSHING AVE
ZANESVILLE OHIO**
National Tile & Mfg Co E 26th St Anderson
Ind
Oceane Clay Prods Co PO Box 262 Milledge-
ville Ga
Peoria Brick & Tile Co PO Box 515 Peoria Ill
**POMONA TILE MFG CO 429 N LA BREA
AVE HOLLYWOOD 38 CALIF**
Red River Valley Brick Corp Grand Forks ND
Redfield Brick & Tile Co Redfield Iowa
Reno Press Brick Co PO Box 116 Reno Nev
Robertson Mfg Co Box 848 Trenton 5 NJ
Robinson Clay Prods Co 65 W State St Akron
9 Ohio
Rockford Brick & Tile Co Rockford Iowa
Sheffield Brick & Tile Co Sheffield Iowa
Sheridan Press Brick & Tile Co Sheridan Wyo
Sparta Ceramic Co E Sparta Ohio
Standard Brick & Tile Corp 123 NW 4th St
Evansville 8 Ind
Stylon Corp Summer St Box 341 Milford Mass

Summit Pressed Brick & Tile Co 13th & Erie
Pueblo Colo
Texas Brick Co PO Box 510 Brownwood Texas
United Materials & Richmond Brick Co Ltd
PO Box 7 Point Richmond Calif
U S Quarry Tile Co 110 E 42nd St New York
NY
Wheeling Tile Co 31st & Eoff Sts Wheeling
W Va
Wisconsin Face Brick & Supply Co 4485 N
Green Bay Milwaukee Wis
Yankee Hill Brick Mfg Co 725 Stuart Bldg
Lincoln 8 Neb

▶ TILE, CORK

**ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA**
**CONGOLEUM-NAIRN INC 195 BELGROVE
DR KEARNY NJ**
Dodge Cork Co Inc 23 Laurel St Lancaster Pa
**KENTILE INC 58 SECOND AVE BROOKLYN
15 NY**
Mastic Tile Corp of America N Montgomery
Newburgh NY
Robbins Floor Prods Inc Tuscumbia Ala
Sloane-Delaware Floor Prods Inc PO Box 401
Trenton 3 NJ

▶ TILE, DRAIN

Acme Brick Co PO Box 425 Fort Worth Texas
Acme Shale Brick Co 1153 Main Buffalo 9 NY
Adel Clay Prods Co 1118 Mulberry St Des
Moines 9 Iowa
Alliance Clay Prods Co 1500 S Mahoning Al-
liance Ohio
American Vitrifired Prods Co 701 National City
Bond Bldg Cleveland 14 Ohio
Birmingham Building Prods Corp 3260 Fayette
Ave Birmingham 8 Ala
Black Hills Clay Prods Co Box 730 Belle
Fourche SD
Bowerston Shale Co Box 1 Bowerston Ohio
Builders Brick Co 3800 Ninth Ave S Seattle
8 Wash
Bush (W G) & Co Nashville Tenn
Cannelton Sewer Pipe Co 4th & Washington
Cannelton Ind
Chehalis Brick & Tile Co Box 868 Chehalis
Wash
Chicago Fire Brick Co 1461 N Elston Chicago
22 Ill
Clay City Pipe Co Uhrichville Ohio
Columbia Brick Works 1320 SE Water Ave
Portland 14 Ore
Columbia Pipe Co Columbia SC
Conec Building Prods Inc Box 111 Mendota Ill
Concrete Prods Corp Humboldt Iowa
Dee Clay Prods Co Inc Bloomington Ind
Dennison Sewer Pipe Corp 3334 Prospect Ave
Cleveland 15 Ohio
Denver Sewer Pipe & Clay Co 4501 Fox St
Denver 1 Colo
Dickey (W S) Clay Mfg Co 607 Commerce
Trust Bldg Kansas City 6 Mo
Elgin-Butler Brick Co PO Box 816 Austin
Texas
Evans Pipe Co 23 Newport Ave Uhrichville
Ohio
Evans & Howard Sewer Pipe Co 5200 Man-
chester Ave St Louis 10 Mo
Florida Georgia Brick & Tile Co 589 Nixon
St Jacksonville Fla
Gagnon Clay Prods Co 526 S Broadway Green
Bay Wis
General Shale Prods Corp Johnson City Tenn
Graystone of Seattle 134 Nickerson St Seattle
9 Wash
Great Falls Brick Co PO Box 220 Great Falls
Mont
Hancock Brick & Tile Co Findlay Ohio
Humboldt Brick & Tile Co 822 Bridge Hum-
boldt Kan 15 Ohio
Interstate Brick Co 3100 S 11th E Salt Lake
City Utah
Junction City Clay Co 3334 Prospect Ave Cleve-
land 15 Ohio
Kalo Brick & Tile Co 1230 First Ave S Fort
Dodge Iowa
Kraft Clay Mfg Co Spring St Box 128 Toronto
Ohio
Kingsland Clay Prods Co Lynhurst NJ
Laclede Christy Co 2801 Hereford St St Louis
9 Mo
Lehigh Sewer Pipe & Tile Co Box 728 Fort
Dodge Iowa
Logan Clay Prods Co Logan Ohio
Mason City Brick & Tile Co Mason City Iowa
Midland Brick & Tile Co Chillicothe Mo
**NATIONAL CLAY PIPE MFERS INC 1520
18TH ST NW WASHINGTON 6 DC**
Oceane Clay Prods Co PO Box 262 Milledge-
ville Ga
Pacific Clay Prods 1255 W 4th St Los Angeles
Calif
Pomona Terra-Cotta Co Greensboro NC
Redfield Brick & Tile Co Redfield Iowa
Robinson Clay Prods Co 65 W State St Akron
9 Ohio
Rockford Brick & Tile Co Rockford Iowa
Sheffield Brick & Tile Co Sheffield Iowa
Sheridan Press Brick & Tile Co Sheridan Wyo

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 A quality
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 to retail at
\$1995*



Ideal for closets, wardrobes, etc.

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*2'8" x 6'8½" size. Slightly higher on West coast.

By the makers of



the value-packed folding door that helps houses
 sell for more—because it gives you more!

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 Indianapolis, Indiana

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Address.....

City..... State.....

Standard Brick & Tile Corp 123 NW 4th St
Evansville 8 Ind
Stillwater Clay Prods Co 3334 Prospect Ave
Cleveland 15 Ohio
Streator Drain Tile Co Streator Ill
Superior Clay Corp Lock Drawer 352 Uhrlehs-
ville Ohio
Texas Brick Co PO Box 510 Brownwood Texas
Texas Vitrified Pipe Co Box 111 Mineral Wells
Tex
United Brick & Tile Co 903 McGee St Kansas
City 42 Mo
Universal Sewer Pipe Corp 1500 Union Com-
merce Bldg Cleveland 14 Ohio
Wisconsin Face Brick & Supply Co 4485 N
Green Bay Milwaukee Wis
Yankee Hill Brick Mfg Co 728 Stuart Bldg
Lincoln 8 Neb

► TILE, GLASS

LIBBEY-OWENS-FORD GLASS CO NICHOLAS BLDG TOLEDO 3 OHIO
Miroflex Prods Co Inc 878 Broadway New
York 3 NY

► TILE, HEARTH

Builders Brick Co 3800 Ninth Ave S Seattle 8
Wash
Gaxnon Clay Prods Co 526 S Broadway Green
Bay Wis
Kraftile Co Niles Calif
MOSAIC TILE CO 1949 PERSHING AVE
ZANESVILLE OHIO
Murray Tile Co Inc Cloverport Ky
National Tile & Mfg Co E 26th St Anderson
Ind
Sparta Ceramic Co E Sparta Ohio
Wisconsin Face Brick & Supply Co 4485 N
Green Bay Milwaukee Wis

► TILE, LINOLEUM

ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA
Bonafide Mills Inc 295 Fifth Ave New York
NY
CONGOLEUM-NAIRN INC 195 BELGROVE
DR KEARNY NJ
Pabco Prods Inc 475 Brannan St San Francisco
Calif
Sloane-Delaware Floor Prods Inc PO Box 401
Trenton 3 NJ

► TILE, PARTITION, CLAY

Acme Brick Co PO Box 425 Fort Worth Texas
Acme Shale Brick Co 1153 Main Buffalo 9
NY
Black Hills Clay Prods Co Box 730 Belle
Fourche SD
Builders Brick Co 3800 Ninth Ave S Seattle 8
Wash
Chehalis Brick & Tile Co Box 868 Chehalis
Wash
Columbia Brick Works 1820 SE Water Ave
Portland 14 Ore
Conco Building Prods Inc Box 111 Mendota Ill
Denver Sewer Pipe & Clay Co 4501 Fox St
Denver 1 Colo
Elgin-Butler Brick Co PO Box 816 Austin
Texas
Elgin-Standard Brick Mfg Co Box 546 Elgin
Texas
Florida Georgia Brick & Tile Co 589 Nixon
St Jacksonville Fla
Gaxnon Clay Prods Co 526 S Broadway Green
Bay Wis
Great Falls Brick Co PO Box 220 Great Falls
Mont
Hope Brick Works PO Box 389 Hope Ark
Kalo Brick & Tile Co 1230 First Ave S Fort
Dodge Iowa
Kendrick Brick & Tile Co 3235 South Blvd
Charlotte NC
Lewiston Brick & Tile Co Lewiston Mont
Mason City Brick & Tile Co Mason City Iowa
Midland Brick & Tile Co Chillicothe Mo
Milliken Brick Co 2100 Montier St Pittsburgh
81 Pa
Minneapolis Builders Supply Co 927 Second
Ave S Minneapolis Minn
Peoria Brick & Tile Co PO Box 515 Peoria Ill
Redfield Brick & Tile Co Redfield Iowa
Reno Press Brick Co PO Box 116 Reno Nev
Rockford Brick & Tile Co Rockford Iowa
St Anne Brick & Tile Co St Anne Ill
Sheffield Brick & Tile Co Sheffield Iowa
Summit Pressed Brick & Tile Co 13th & Erie
Pueblo Colo
Washington Brick & Lime Co Box 2198 Spo-
kane 10 Wash
Wisconsin Face Brick & Supply Co 4485 N
Green Bay Milwaukee Wis
Yankee Hill Brick Mfg Co 728 Stuart Bldg
Lincoln 8 Neb

► TILE, PARTITION, GYPSUM

CERTAIN-TEED PRODS CORP 120 E LAN-
CASTER AVE ARDMORE PA
Florida Georgia Brick & Tile Co 589 Nixon St
Jacksonville Fla
Minneapolis Builders Supply Co 927 Second
Ave S Minneapolis Minn
NATIONAL GYPSUM CO 325 DELAWARE
AVE BUFFALO 2 NY
UNITED STATES GYPSUM CO 300 W
ADAMS ST CHICAGO 6 ILL

► TILE, PAVING, NON-SLIP

American-Olean Tile Co Kenilworth Ave Lans-
dale Pa
Charleston Clay Prods Co 1947 Saunders St
Charleston 22 W Va
Elgin-Butler Brick Co PO Box 816 Austin
Texas
FLINTKOTE CO 30 ROCKEFELLER PLAZA
NEW YORK 20 NY
Kraftile Co Niles Calif
Milliken Brick Co 2100 Montier St Pittsburgh
21 Pa
MOSAIC TILE CO 1949 PERSHING AVE
ZANESVILLE OHIO
National Tile & Mfg Co E 26th St Anderson
Ind
Safe Tread Co Inc 30 Vesey St New York 7
NY
Stark Brick Co Canton 1 Ohio
Washington Brick & Lime Co Box 2198 Spo-
kane 10 Wash

► TILE, PLASTIC

American Rubber Prods Corp 151 E 50th St
New York 22 NY
ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA
BOLTA PRODS DIV GENERAL TIRE &
RUBBER CO 70 GARDEN ST LAWRENCE
MASS
Bonafide Mills Inc 295 Fifth Ave New York NY
Camp Co Inc 6958 S State Chicago 21 Ill
Cermak Tile Co 4901 Brookpark Rd Cleveland
23 Ohio
CONGOLEUM-NAIRN INC 195 BELGROVE
DR KEARNY NJ
Danbury Rubber Co Inc Shelter Rock Rd Dan-
bury Conn
Fremont Rubber Co 350 McPherson Hwy Frem-
ont Ohio
Goodrich (B F) Co 500 S Main St Akron 18
Ohio
Goodrich (B F) Co Flooring Div 36 Nichols
Ave Watertown 72 Mass
HACHMEISTER INC PO BOX 357 PITTS-
BURGH 36 PA
Hewitt Rubber Div Hewitt-Robins Inc Central
& Kensington Buffalo 5 NY
KENTILE INC 58 SECOND AVE BROOKLYN
15 NY
Mastic Tile Corp of America N Montgomery
Newburgh NY
Metal Tile Prods Inc 225 E Walnut St Has-
tings Mich
MOULTE INC N MONTGOMERY ST NEW-
BURGH NY
NATIONAL ALUMINUM CO 1135 ALUM
CREEK DR COLUMBUS 9 OHIO
National Plywoods Inc 2710 Throop St Chi-
cago Ill
Pabco Prods Inc 475 Brannan St San Fran-
cisco Calif
Plymold Co 2707 Tulare Ave Burbank Calif
Robbins Floor Prods Inc Tusculumbia Ala
Sloane-Delaware Floor Prods Inc PO Box 401
Trenton 3 NJ
Styron Bri-Tile Co of New York 177 Broad-
way New York 7 NY
Thomas Moulding Floor Co Inc 325 W Huron
St Chicago 10 Ill
U S Stoneware Co 5300 E Tallmadge Akron 9
Ohio
Williams Prods Co Inc 6127 Cedar Ave Phila-
delphia 43 Pa
WRIGHT MFG CO PO BOX 6567 HOUSTON
5 TEXAS

► TILE, PLASTIC, ASBESTOS

Acorn Plastic Engineers Inc 177 Broadway
New York 17 NY
Azepek Prod Div Uvalde Rock Asphalt Co
Box 531 San Antonio 6 Texas
Bonafide Mills Inc 295 Fifth Ave New York NY
Cololyte Tyle-Bord Inc 975 John St Seattle 9
Wash
CONGOLEUM-NAIRN INC 195 BELGROVE
DR KEARNY NJ
FLINTKOTE CO 30 ROCKEFELLER PLAZA
NEW YORK 20 NY
JOHNS-MANVILLE CORP 22 E 40TH ST
NEW YORK 18 NY
KENTILE INC 58 SECOND AVE BROOKLYN
15 NY
Mastic Tile Corp of America N Montgomery
Newburgh NY
Tile-Tex Div Flintkote Co 1200 McKinley Ave
Chicago Heights Ill

► TILE, QUARRY

Builders Brick Co 3800 Ninth Ave S Seattle 8
Wash
Carlyle Tile Co Box 128 Ironton Ohio
Clark (N) & Sons Alameda Calif
Elgin-Butler Brick Co PO Box 816 Austin
Texas
Florida Georgia Brick & Tile Co 589 Nixon St
Jacksonville Fla
Gaxnon Clay Prods Co 526 S Broadway Green
Bay Wis
Gladding-McBean & Co 1275 Harrison St San
Francisco Calif
Hanley Co 101 Park Ave New York NY
Hood (Mifflin B) Co Daisy Tenn
Interstate Brick Co 3100 S 11th E Salt Lake
City Utah
Ludowici-Celadon Co 75 E Wacker Dr Chicago
1 Ill
Milliken Brick Co 2100 Montier St Pittsburgh
21 Pa
MOSAIC TILE CO 1949 PERSHING AVE
ZANESVILLE OHIO
Murray Tile Co Inc Cloverport Ky
Summitville Tiles Inc Summitville Ohio
United Materials & Richmond Brick Co PO
Box 7 Point Richmond Calif
Utah Fire Clay Co Salt Lake City Utah
Washington Brick & Lime Co Box 2198 Spo-
kane 10 Wash
Wisconsin Face Brick & Supply Co 4485 N
Green Bay Milwaukee Wis

► TILE, ROOFING

California Pottery Co Niles Calif
Clark (N) & Sons Alameda Calif
Elgin-Butler Brick Co PO Box 816 Austin
Texas
Gladding-McBean & Co 1275 Harrison St San
Francisco Calif
Hood (Mifflin B) Co Daisy Tenn
Interstate Brick Co 3100 S 11th E Salt Lake
City Utah
Ludowici-Celadon Co 75 E Wacker Dr Chicago
1 Ill
Washington Brick & Lime Co Box 2198 Spo-
kane 10 Wash
Wolverine Porcelain Enameling Co 3350 Scot-
tens Ave Detroit 10 Mich
ZONOLITE CO 135 S LASALLE ST CHI-
CAGO 3 ILL

► TILE, ROOFING, INSULATING

Texas Vermiculite Co 813 Airport Blvd Austin
Texas

► TILE, ROOFING, METAL

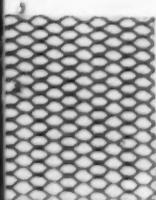
Edwards Mfg Co Fifth & Butler Sts Cincin-
nati 2 Ohio
REYNOLDS METALS CO BUILDING PRODS
DIV 2001 S NINTH ST LOUISVILLE 1 KY

► TILE, RUBBER

American Biltrite Rubber Co Ferrine Ave
Trenton 2 NJ
American Rubber Corp PO Box 290 Albert-
ville Ala
American Rubber Prods Corp 151 E 50th St
New York 22 NY
ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA
Camp Co Inc 6958 S State Chicago 21 Ill
Cololyte Tyle-Bord Inc 975 John St Seattle 9
Wash
CONGOLEUM-NAIRN INC 195 BELGROVE
DR KEARNY NJ
Danbury Rubber Co Inc Shelter Rock Rd Dan-
bury Conn
Fremont Rubber Co 350 McPherson Hwy Frem-
ont Ohio
Goodrich (B F) Co Flooring Div 36 Nichols Ave
Watertown 72 Mass
GOODYEAR TIRE & RUBBER CO 1485 E
ARCHWOOD AKRON 18 OHIO
Hewitt Rubber Div Hewitt-Robins Inc Central
& Kensington Buffalo 5 NY
KENTILE INC 58 SECOND AVE BROOKLYN
15 NY
Mireck Rubber Prods Inc 2114 San Fernando
Los Angeles 45 Calif
Pabco Prods Inc 475 Brannan St San Francisco
Calif
Palladium Prods 6127 Cedar Ave Philadelphia
43 Pa
R C A Rubber Co 1835 E Market St Akron 5
Ohio
Robbins Floor Prods Inc Tusculumbia Ala
Rubber Prods Co 111 S Second St Minneapolis
1 Minn
Sloane-Delaware Floor Prods Inc PO Box 401
Trenton 3 NJ
Williams Prods Co Inc 6127 Cedar Ave Phila-
delphia 43 Pa
WRIGHT MFG CO PO BOX 6567 HOUSTON
5 TEXAS

MILCOR* Metal Lath and accessories

for fire safety, permanence, lasting beauty

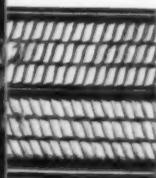


SMALMESH METAL LATH

A general utility lath. Can be readily bent or formed for furred or ornamental members. Due to the small, rigid mesh, a minimum of plaster is required to produce a perfect key.

SHEET SIZE: 27" x 96", packed 10 sheets (20 sq. yds.) per bundle. All sheets squared on both ends.

MATERIALS AND WEIGHTS (lb. per sq. yd.): Copper Alloy Steel, Painted—2.50 lb., 3.40 lb.; Galv. Sheet Steel, 3.40 lb.

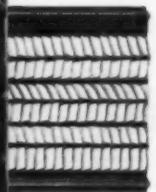


SPECIALMESH METAL LATH

A rib lath for walls and ceilings. Saves plaster; provides excellent bond. Ribs $\frac{3}{8}$ " wide; $1\frac{1}{2}$ " on centers. Cross strands at $\frac{1}{4}$ " intervals, reinforced by stiffening members (two between each pair of ribs). Sheets squared on ends. Well suited to "two-coat work" or "back plastering."

SHEET SIZE: 27" x 96", packed 10 sheets (20 sq. yds.) per bundle.

MATERIALS AND WEIGHTS (per sq. yd.) Copper Alloy Steel, Pld. — 2.75 lb., 3.40 lb.

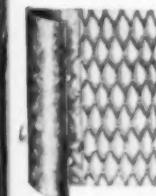


$\frac{3}{8}$ " STAY-RIB METAL LATH No. 2

Ideal self-furring lath for wide ceilings or wall spans and for floor reinforcing over steel joists. $\frac{3}{8}$ " heavy ribs spaced 4.8" on centers. Five stiffening members between ribs. Connecting strands at $\frac{1}{4}$ " intervals. Rigidity of ribs saves labor and material when supports are widely spaced.

SHEET SIZE 24" x 96", packed 9 sheets (16 sq. yds.) per bundle.

MATERIALS AND WEIGHTS (per sq. yd.): Copper Alloy Steel, Pld. — 3.40 lb., 4.00 lb.



No. 4 EXPANSION CASING BEAD

(Also available with short, solid flange as No. 138.)

For doors, windows and other openings. Applied before plastering. Provides screed to which plasterer can work. Only smooth, quarter-round nose of casing bead, exposed after plastering. Integral Expansion Wing reinforces plaster. Ridged flange insures tight fit to jamb.

MATERIAL: 24 ga. Tight Coat Galv. Steel.

LENGTHS: 7 ft., 7 ft. 3 in. and 10 ft.

GROUNDINGS: $\frac{1}{2}$ in. and $\frac{3}{4}$ in. (Also $\frac{1}{2}$ in., short flange only.)

WEIGHT (lb. per 1,000 lin. ft.): 315 lb. (Short Flange — 235 lbs.)

PACKING (per ctn.): 7 ft. — 80 pcs.; 7 ft. 3 in. — 80 pcs.; 10 ft. — 60 pcs.



No. 66 EXPANSION CASING BEAD

(Also available with short solid flange)

Square design with $3/16$ " return. Expansion Wing feature affords excellent plaster bond and reinforcement; minimizes plaster cracking. Ridge in nailing flange insures tight fit.

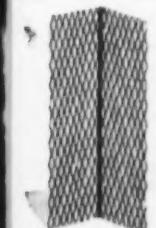
MATERIAL: 24 ga. Tight Coat Galv. Steel.

LENGTHS: 7 ft., 7 ft. 3 in. and 10 ft.

GROUNDINGS: $\frac{1}{2}$ in. and $\frac{3}{4}$ in. (Also $\frac{1}{2}$ in., short flange only.)

WEIGHT (lb. per 1,000 lin. ft.): 260 lb. (Short flange — 240 lbs.)

PACKING (per ctn.): 7 ft. — 80 pcs.; 7 ft. 3 in. — 80 pcs.; 10 ft. — 60 pcs.

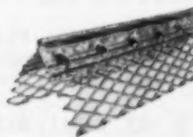


MILCOR CORNER-EX

Finished edges. Center rib guides Corner-Ex accurately into corner. Design and contour eliminate any projections interfering with plastering. Wired together in sub-bundles of 25 pcs. each. Packed three sub-bundles (75 pcs. — 600 ft.) per carton.

SIZES: 2" x 2" x 96"; 3" x 3" x 96"

WEIGHTS (lb. per 1,000 lin. ft.): 2" — 100 lb.; 3" — 140 lb.



SUPER-EX CORNER BEAD

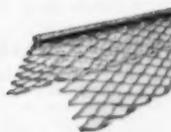
Combines advantages of Expansion and Solid Wing corner beads. Strong, straight nose reinforced by two solid flange sections, strengthened by corrugations. Integral expansion flange makes excellent plaster bond, simplifies erection.

MATERIAL: 26 ga. Sheet Steel, Galvanized

LENGTHS: 7, 8, 9, 10 and 12 ft.

WEIGHT (lb. per 1,000 lin. ft.): 270 lb.

PACKING (per carton): 7 ft. — 80 pcs.; 8 ft. — 70 pcs.; 9 ft. — 60 pcs.; 10 and 12 ft. — 50 pcs.



No. 1 EXPANSION CORNER BEAD

Wide expanded metal wing integral with nose of the bead — plaster keys right up to nose; effective plaster reinforcement exactly where needed.

MATERIAL: 26 gauge Sheet Steel, Galv.

LENGTHS: 7, 8, 9, 10 and 12 ft.

WEIGHT (lb. per 1,000 lin. ft.): 210 lb.

PACKING (per carton): 7 and 8 ft. — 80 pcs.; 9, 10 and 12 ft. — 60 pcs.



MILCOR ARCH BEAD

Used straight or curved. Snip one or both flanges with tin snips; Bead can then be formed easily into a smooth arc, without kinks or breaks in the nose, by applying slight pressure with the hands.

MATERIAL: 26 gauge Sheet Steel, Galv.

LENGTHS: 7, 8, 9, 10 and 12 ft.

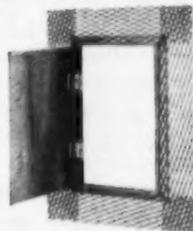
WEIGHT (lb. per 1,000 lin. ft.): 175 lb.

PACKING (per carton): 7 and 8 ft. — 80 pcs.; 9, 10 and 12 ft. — 60 pcs.



MILCOR CLEAN OUT DOORS

Convenient for removing accumulations of chimney debris. Door catch provides positive lock, prevents door from being blown open. Hinge design permits freedom of operation. Wide flanges on frame simplify installation. Stamped from high grade, 16 ga. copper alloy steel. Furnished painted. Size 8" x 8". Packed six doors per carton — shipping weight: 19 lbs.



MILCOR METAL ACCESS DOORS

For easy access to utility systems without damage to walls. Spring hinge allows opening to 175°. Number of hinges varies with size of door. Doors removable.

STYLES: For plastered walls, Style "K" with expansion wing, Style "L" with solid flange. Style "M" for non-plastered walls.

SIZES: 8" x 8" to 24" x 36".

MATERIALS: Door 14 Ga. Steel; housing 16 Ga. steel. Gray primer painted.

LOCKS: Flush cam type; number varies with size of door. Cylinder lock with key furnished at extra charge.

PACKING: One per carton.

Part of Milcor's big line of more than 2,500 items for the building industry

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Junction City Clay Co 3334 Prospect Ave Cleveland 15 Ohio
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Universal Sewer Pipe Corp 1500 Union Commerce Bldg Cleveland 14 Ohio

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Columbia Brick Works 1320 SE Water Ave Portland 14 Ore
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Arketex Ceramic Corp 6 N Walnut St Brazil Ind
Beacon Brick Co 619 Beacon Bldg Wichita 2 Kan
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Charleston Clay Prods Co 1047 Saunders St Charleston 22 W Va
Chehalis Brick & Tile Co Box 868 Chehalis Wash
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Denver Sewer Pipe & Clay Co 4601 Fox St Denver 1 Colo
Elgin-Butler Brick Co PO Box 816 Austin Texas
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Fraser Brick Co 2501 Cedar Springs Dallas Texas
Garrison Clay Prods Co 626 S Broadway Green Bay Wis
Gladding-McBean & Co 1275 Harrison St San Francisco Calif
Great Falls Brick Co PO Box 220 Great Falls Mont
Hanley Co 101 Park Ave New York NY
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Intervate Brick Co 3100 S 11th E Salt Lake City Utah
Jenkins Brick Co PO Box 91 Montgomery Ala
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Kalo Brick & Tile Co 1230 First Ave S Fort Dodge Iowa
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St Anne Brick & Tile Co St Anne Ill
Schneider Brick & Tile Co Inc Pere Marquette New Orleans La
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Sheridan Press Brick & Tile Co Sheridan Wyo
Standard Brick & Tile Corp 123 NW 4th St Evansville 8 Ind
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MASONRY CORP 111 W WASHINGTON CHICAGO 2 ILL
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Plytex Corp 1731 Elston Ave Chicago 22 Ill
Prestile Mfg Co 5850 W Ogden Ave Chicago 50 Ill
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Consolidated Machinery & Supply Co Ltd 2031
Santa Fe Ave Los Angeles 21 Calif
Cummins Portable Tools 5055 N Lydell Ave
Milwaukee 17 Wis
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NA ST SYRACUSE 6 NY**
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Red Tiger Prods Inc 20 N Wacker Chicago 6
Ill
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 Wallace (J D) & Co 136 B California Ave Chicago 13 Ill
 Wellman Prods Co 1444 E 49th St Cleveland 3 Ohio

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Original Enders Co Guttenburg Iowa
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 Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn
 Stortz (John) & Sons Inc 210 Vine St Philadelphia 6 Pa

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 National Guard Prods Inc 540 Jackson Ave Memphis 7 Tenn
 Pioneer Tool Co Inc Bloomfield NJ
 Ridgely Trimmer Co 1399 Kenton St Springfield 99 Ohio
 Selek (Walter E) & Co 223 W Hubbard Chicago 10 Ill

TOOLS, MASONS', PLASTERERS'

Adams Co The PO Box 268 Dubuque Iowa
 Adams (C F) Inc Fort Worth Texas
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Banner Mfg Co 1166 Chesapeake Columbus 12 Ohio
 Bentzinger Bros 317 N Third St St Louis 2 Mo
 Bridgeport Hardware Mfg Corp 461 Irmanan Ave Bridgeport 5 Conn
 Colarberg Mfg Co 539 S 4th St Minneapolis Minn
 Consumers Co 79 W Monroe St Chicago 3 Ill
 Diaton (Henry) & Sons Inc Unruh & Milnor Sts Philadelphia 33 Pa
 Dresden Mfg Co 2375 Walnut Ave Long Beach 4 Calif
 Drew (C) & Co Inc Maple St Kingston 7 Mass
 Empire Level Mfg Co Box 97 Milwaukee 13 Wis
 Gerson (Louis M) Co 98 Deering Road Mattapan 26 Mass
GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO
 Graham (John H) & Co Inc PO Box 1042 New York 8 NY
GYPSPUM CEILING JACK CO 113 22ND NE CEDAR RAPIDS IOWA
 Harris Inc 390 E Long St Columbus Ohio
 Heller Bros Co Heller Dr Newcomstown Ohio
 Industrial Iron Works PO Box 4625 Portland 2 Ore
 Kakest Co Curwensville Pa
 Littlestown Hardware & Foundry Co 48 Charles St Littlestown Pa
 M & M Wire Clamp Co 975 17th Ave Minneapolis Minn
 Marshalltown Trowel Co 112 E Eighth Ave Marshalltown Iowa
 Mayer Bros Tool & Mfg Co Port Austin Mich
 Nash (J M) Co 31350 Detroit Rd Westlake Ohio
NICHOLLS MFG CO OTTUMWA IOWA
 Paine (Benjamin O) Millbury Mass
REMINOTON ARMS CO INC 939 BARNUM AVE BRIDGEPORT 2 CONN
 Ridgely Trimmer Co 1399 Kenton St Springfield 99 Ohio
 Sands Level & Tool Co 601 Clinton St Clinton Ind
 Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn
 Stortz (John) & Sons Inc 210 Vine St Philadelphia 6 Pa
 Tru-Line Co 797 Locust St Des Moines Iowa
 United Wire Goods Mfg Co Inc 1152 Broadway New York NY
 Vaughan & Bushnell Mfg Co 135 S La Salle Chicago 5 Ill
 Vermontown Mfg Co Inc 338 W Lincoln Ave Mount Vernon NY

TOOLS, PAINTERS' & PAPERHANGERS'

Advance Equipment Mfg Co 4617 W Chicago Ave Chicago Ill
 Bengal Co 214 N Nichols Ave New York 29 NY
 Black Panther Tool Co 4051 S Iowa Ave Milwaukee 7 Wis
 Carlson (AB) & Co 349 Woodlawn Ave Aurora 4 Ill
 Claus Cutlery Co 223 N Prospect St Fremont Ohio
 Clyde Cutlery Co Clyde Ohio
 Devos & Reynolds Co Inc Superkleen Brush Div Princeton Ind
 Empire Level Mfg Co Box 97 Milwaukee 13 Wis
 Felton Sibley & Co Inc 136 N 4th St Philadelphia 6 Pa
 Gerson (Louis M) Co 98 Deering Road Mattapan 26 Mass
GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO
GYPSPUM CEILING JACK CO 113 22ND NE CEDAR RAPIDS IOWA
 Harbil Mfg Co 325 W Ohio Chicago 10 Ill
 Holley Chemical Co 122 E 25th St New York NY
 Hood Bros 4336 Orchard St Philadelphia 24 Pa
 Hyde Mfg Co Eastford & Clemence Southbridge Mass
 Maendler Brush Mfg Co Inc 138 E Ninth St St Paul 1 Minn
 Modern Specialties Co 4140 W Harrison Chicago Ill
 Murray-Black Co Springfield Ohio
 Parker (Ira) & Sons Oshkosh Wis
 Pioneer Tool Co Inc Bloomfield NJ
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
RED DEVIL TOOLS 130 COIT ST IRVINGTON NJ
 Rene-Craft Prods 406 Linden Ave Wilmette Ill
 Ridgely Trimmer Co 1399 Kenton St Springfield 99 Ohio
 Rubberset Co Haynes & Lincoln Newark 5 NJ
 Seidlitz Paint & Varnish Co 18th & Garfield St Kansas City 10 Mo
 Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
 Stenell Specialty Co 385 Ocean Ave Jersey City NJ
 Stortz (John) & Sons Inc 210 Vine St Philadelphia 6 Pa
 Thomas Prods Co 8490 Lyndon Ave Detroit 25 Mich
 Tri-Ko Mfg Co 1421 E 25th St Cleveland Ohio
 Vermontown Mfg Co Inc 338 W Lincoln Ave Mt Vernon NY
 Warner Mfg Co 801 16th Ave SE Minneapolis Minn
 Watson (Geo E) Co 417 S Wabash Ave Chicago Ill
 Wendell Mfg Co 4234 N Lincoln Ave Chicago 18 Ill
 Wiss (J) & Sons Co 11-45 Littleton Newark 7 NJ

TOOLS, PLUMBERS'

Armstrong Bros Tool Co 5200 W Armstrong Chicago 30 Ill
 Baltimore Tool Works 1110 Race St Baltimore 30 Md
 Capewell Mfg Co 60 Governor St Hartford 2 Conn
 Collmer Bros 420 S St Joseph St South Bend 1 Ind
 Delaware Tool Steel Corp E Wilmington Del
 General Hardware Mfg Co Inc 80 White St New York 13 NY
GREENLEE TOOL CO 2136 12TH ST ROCKFORD ILL
 Hood Bros 4336 Orchard St Philadelphia 24 Pa
 Hydraulic Mfg Co Kiel Wis
 Memphis Tool Co Inc Box 18 Hudson NY
MILWAUKEE ELECTRIC TOOL CORP 3356 W STATE ST MILWAUKEE 8 WIS
 Nash (J M) Co 31350 Detroit Rd Westlake Ohio
 P & C Hand Forged Tool Co Box 5926 Portland 2 Ore
 Proto Tool Co 2209 Santa Fe Ave Los Angeles 44 Calif
 Rainey Tools RD #4 Slippery Rock Pa
 Stortz (John) & Sons Inc 210 Vine St Philadelphia 6 Pa
 Tipp Mfg Co Fourth St Tipp City Ohio
 Western Reserve Mfg Co 3710 E 93rd St Cleveland 5 Ohio
 Wilde Drop Forge & Tool Co 2942 Fairmont Ave Kansas City 8 Mo

TOOLS, PNEUMATIC

Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY
 Gardner-Denver Co Gardner & First Ave Quincy Ill
 Ingersoll-Rand Inc 11 Broadway New York 4 NY
 Rainey Tools RD #4 Slippery Rock Pa
SKIL CORP 5633 ELSTON AVE CHICAGO 39 ILL

Thor Power Tool Co 175 N State St Aurora Ill
 Vulcan Tool Mfg Co 41 Liberty St Quincy 69 Mass
 Worthington Corp Harrison & Worthington Harrison NJ
 Worthington Corp 37 Appleton St Holyoke Mass
 Wright Power Saw & Tool Co 292 Longbrook Ave Stratford Conn

TOOLS, ROOFING

Aerofil Prods Co Inc 69 Wesley St S Hackensack NJ
 Belden Machine Co 1108 Whalley New Haven 15 Conn
 Burritt (O F) & Bros Weedsport NY
 Drew (C) & Co Inc Maple St Kingston 7 Mass
GOLDBLATT TOOL CO 1910 WALNUT ST KANSAS CITY 8 MO
 Go Seal Asphalt Roofing Co PO Box 302 Chicago Heights Ill
 Hood Bros 4336 Orchard St Philadelphia 24 Pa
 Nash (J M) Co 31350 Detroit Rd Westlake Ohio
 RCS Tool Sales Corp Box 1434 Joliet Ill
 Ridgely Trimmer Co 1399 Kenton St Springfield 99 Ohio
 Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn
 Stortz (John) & Sons Inc 210 Vine St Philadelphia 6 Pa
 Tennant (G H) Co 2566 N Second St Minneapolis Minn
 Tri-States Building Materials Co 6100 Camp Bowie Blvd Fort Worth 2 Tex
 Vermontown Mfg Co Inc 338 W Lincoln Ave Mount Vernon NY

TOOLS, WEATHERSTRIP

Barland Weatherstrip Material Co 1960 E 59th St Cleveland 3 Ohio
CENTRAL METAL STRIP CO 4343 N WESTERN AVE CHICAGO 18 ILL
 Monarch Metal Weatherstrip Co 6333 Etzel Ave St Louis 14 Mo
 Protex Weatherstrip Mfg Co 4568 S Western Ave Chicago Ill
 Stanley Tools Div Stanley Works 111 Elm Ave New Britain Conn

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AMERICAN KITCHENS DIV AVCO MFG CORP 18TH & COLUMBIA CONNERSVILLE IND
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 Arborite Co Ltd 385 Lafleur Ave Montreal Que Can
ARMSTRONG CORK CO 1010 CONCORD ST LANCASTER PA
 Boro Wood Co Manseth LI NY
 Bradley Lumber Co of Arkansas PO Box 390 Warren Ark
CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
 Comstock Corp Wisconsin Rapids Wis
 Continental Can Co Conolite Dept 295 W 14th St Wilmington Del
 Douglas Crestlyn International Inc 901 Girard St NE Washington 17 DC
 Elkay Mfg Co 1874 S 54th Ave Cleero 50 Ill
 Enamel Prods Co Eddy Rd & Taft Ave Cleveland 5 Ohio
 Engineers Plywood Prods Co Box 1326 Tacoma Wash
 Farwell Metal Fabricating Div Farwell Oxmun Kirk & Co Fairfield & Walter St Paul 1 Minn
FORMICA CO 4514 SPRING GROVE CINCINNATI 32 OHIO
 Fremont Rubber Co 350 McPherson Hwy Fremont Ohio
 General Electric Co 1 Plastics Ave Pittsfield Mass
GOODYEAR TIRE & RUBBER CO 1485 E ARCHWOOD AKRON 16 OHIO
 Hyde-Murphy Co Murphy Bldg Ridgway Pa
 Hyde Park Prods Co Burch Ave & N&W RR Cincinnati 8 Ohio
IXL FURNITURE CO 410 N MAIN ST GOSHEN IND
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 Linoleum Prods Corp 15 N 2nd St Paterson 2 NJ
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901 W. Montana Street
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In our opinion, there is no equipment on the market today to equal yours in giving a better fitting job, with no visible hammer marks, and yet time saving in its efficiency.

We wish you continued success in every market where your equipment is sold.

Very sincerely yours,
VINCE FLOORING COMPANY
Vince Munjone
Vince Munjone

VP: A

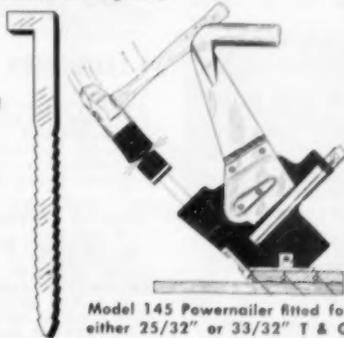
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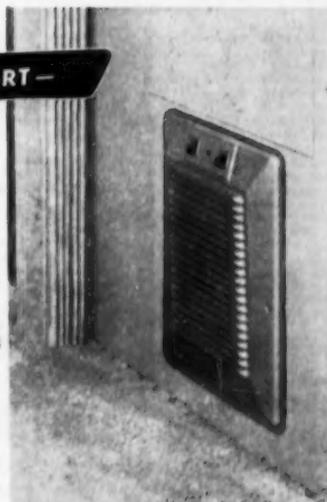


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 Caterpillar Tractor Co 600 W Washington East Peoria 2 Ill
 Clark Equipment Co Industrial Truck Div Battle Creek Mich
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 Elwell-Parker Electric Co 4156 St Clair Ave Cleveland 3 Ohio
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 Hough (Frank G) Co The 811 Sunnyside Ave Libertyville Ill
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 Fruehauf Trailer Co 10941 Harper Ave Detroit 32 Mich
 Hawkeye Industries 820 Vivian St Longmont Colo
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 Lansing Company 603 N Cedar St Lansing 3 Mich
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 Trailmobile Co 31st & Robertson Cincinnati 9 Ohio
 Utility Trailer Mfg Co Box 3608 Terminal Annex Los Angeles, 54 Calif
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 Starrett (L S) Co 101 Crescent St Athol Mass
WARREN-KNIGHT CO 136 N 12TH ST PHILADELPHIA 7 PA
 White (David) Co 315 W Court St Milwaukee Wis

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 Columbian Steel Tank Co 1401 W 12th St Kansas City Mo
 Combustion Engineering Inc 911 W Main St Chattanooga Tenn
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 Evens & Howard Sewer Pipe Co 5200 Manchester Ave St Louis 10 Mo
 Hoffman Specialty Co 1001 York St Indianapolis 7 Ind
 Industrial Iron Works PO Box 4625 Portland 2 Ore
 Kaul Clay Mfg Co Spring St Box 128 Toronto Ohio
NATIONAL CLAY PIPE MFRS INC 1520 18TH ST NW WASHINGTON 6 DC
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 Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY
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NATIONAL ALUMINUM CO COLUMBUS OHIO
 Reliance Steel Prods Co 4000 Walnut St McKeesport Pa
 Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
 Safe Tread Co Inc 30 Vesey St New York 7 NY
 Serviced Prods Corp 6051 W 65th St Chicago 38 Ill
 Standard Bronze Co 6th St & Ave "A" Bayonne NJ
 United States Rubber Co 1230 Ave of American New York 20 NY
 Wheeling Corrugating Co 1134 Market St Wheeling W Va
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BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN
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 Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
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 Farley & Loetscher Mfg Co Dubuque Iowa
 Farrin (M B) Lumber Co Spring Grove & Station Ave Cincinnati 32 Ohio
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 Miller Bros Co PO Box 540 Johnson City Tenn
 Morgan Co 520 Oregon St Oshkosh Wis
 Nickey Bros Inc 2700 Summer Ave Memphis Tenn
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 Rose (D M) & Co Rose Pl Knoxville 4 Tenn
 Scottdale Wood Prods Inc PO Box 36 Scottdale Pa
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SHERMAN PRODS INC 14 MILE & COOLIDGE RDS ROYAL OAK MICH
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► TRIM, METAL SIDING

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Pointer-Willamette Co Inc PO Box 368 Edmonds Wash
Schaefter Body 5009 Superior Cleveland 3 Ohio
Spokane Sash & Door Co PO Box 63 Spokane Wash
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Heil Co 3000 W Montana St Milwaukee 2 Wis
Hercules Steel Prods Corp Gallion Ohio
Houston Blow Pipe & Sheet Metal Works Box 1692 Houston Texas
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
Marion Metal Prods Co Cheney Ave at Otis Marion Ohio
Maxon Construction Co Inc 131 N Ludlow St Dayton 2 Ohio
Perfection Steel Body Co Gallion Ohio
Pointer-Willamette Co Inc PO Box 368 Edmonds Wash
St Paul Hydraulic Hoist Div Wood (Gar) Industries Inc Mattoon Ill
Wood (Gar) Industries Inc Michigan Blvd Wayne Mich

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R-B Co 1919 Guinotte Ave Kansas City Mo
Schaefter Body 5009 Superior Cleveland 3 Ohio
Wentworth & Irwin Inc 123 NE Oregon St Portland 14 Ore

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SHERMAN PRODS INC 14 MILE & COOLIDGE ROYAL OAK MICH

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Automatic Transportation Co 101 W 87th Chicago 20 Ill
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Federal Motor Truck Co 5780 Ave Detroit 9 Mich
FORD MOTOR CO DEARBORN MICH
Four Wheel Drive Auto Co E 12th Clintonville Wis
GMC Truck & Coach Div General Motors Corp Pontiac Mich
International Harvester Co 180 N Michigan Ave Chicago 1 Ill
Kenworth Motor Truck Corp 8801 E Marginal Seattle 11 Wash
Mack Trucks Inc Empire State Bldg New York 1 NY
Marmon-Herrington Co Inc 1545 W Washington Indianapolis 7 Ind
Milford Crane & Machine Co Milford Conn
Prime Mover Co Sampson St Muscatine Iowa
Reo Motors Inc 1331 S Washington Lansing 20 Mich
Studebaker-Packard Corp 635 S Main St South Bend 27 Ind
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White Motor Co 842 E 79th St Cleveland 1 Ohio
Willys Motors Inc 940 Cove Blvd Toledo Ohio

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GMC Truck & Coach Div General Motors Corp Pontiac Mich
International Harvester Co 180 N Michigan Ave Chicago 1 Ill
Kenworth Motor Truck Corp 8801 E Marginal Seattle 11 Wash
Mack Trucks Inc Empire State Bldg New York 1 NY
Marmon-Herrington Co Inc 1545 W Washington Indianapolis 7 Ind
Milford Crane & Machine Co Milford Conn
Prime Mover Co Sampson St Muscatine Iowa
Reo Motors Inc 1331 S Washington Lansing 20 Mich
Studebaker-Packard Corp 635 S Main St South Bend 27 Ind
Ward La France Truck Corp Grand Central Ave Elmira NY
White Motor Co 842 E 79th St Cleveland 1 Ohio
Willys Motors Inc 940 Cove Blvd Toledo Ohio

▶ TRUSSES, ROOF, STEEL

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
American Bridge Div U S Steel Corp 525 William Penn Pl Pittsburgh 30 Pa
BETHLEHEM STEEL CO BETHLEHEM PA CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
Columbian Steel Tank Co 1401 W 12th St Kansas City Mo
Decatur Iron & Steel Co 2nd St Decatur Ala
Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich
Houston Blow Pipe & Sheet Metal Works Box 1692 Houston Texas
International Steel Co 1321 Edgar St Evansville 7 Ind
Macomber Inc 1925 Tenth Canton Ohio
Mesker (George L) Steel Corp 400 NW First St Evansville 8 Ind
Metropolitan Greenhouse Mfg Corp 1851 Flushing Ave Brooklyn 31 NY
St Paul Foundry & Mfg Co 500 Como Ave St Paul 3 Minn
Sheffield Steel Div Arco Steel Corp Sheffield Sta Kansas City 25 Mo
Southern Wire & Iron Works 441 Memorial Dr SE Atlanta Ga
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1950 ALBERT ST YOUNGSTOWN 1 OHIO

▶ TRUSSES, ROOF, WOOD

American Roof Truss Co 1030 E 87th St Chicago Ill
Illinois Lumber Mfg Co Inc Cairo Ill
Macomber Inc 1925 Tenth Canton Ohio
McKewen Bros Co 5303 S Keeler Ave Chicago 22 Ill
PREFABRICATED PRODS CO INC DEXTER HORTON BLDG SEATTLE 4 WASH

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Roof Structures Inc 45 W 45th St New York NY
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TIMBER STRUCTURES INC PO BOX 3782 PORTLAND 8 ORE
Timber Tech Corp PO Box 327 Lebanon Ore
Unit Structures Inc Peshtigo Wis

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Alberene Stone Corp of Va 417 Fourth Ave New York 16 NY
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Crane Co 836 S Michigan Chicago 5 Ill
ROHLER CO 41 HIGH ST KOHLER WIS
MUSTRE (E L) & SONS INC 6911 LORAIN AVE CLEVELAND 2 OHIO
One Minute Washer Co Kellogg Iowa
RICHMOND RADIATOR CO PO BOX 111 METUCHEN NJ
Ruslanler & Sons Inc 18 Letchfield St Buffalo NY
Standard-Elmore Granite Co 1754 N Spaulding Chicago Ill
Vermont Soapstone Co Perkinsville Vt
Voss Washer Co Kellogg Iowa

▶ UNITS, UTILITY

Dwyer Prods Corp Calumet & Holiday Michigan City Ind
Earle Kitchen Unit Co 116 E 63rd St New York NY
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
Walters Mfg Co 140 Pennsylvania Oakmont Pa

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Alabama Metal Lath Co Inc 3235 Fayette Ave Birmingham 1 Ala
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Badger Corrugating Co 1801 West Ave S La Crosse Wis
REPUBLIC STEEL CORP BERGER DIV 1038 BELDEN AVE NE CANTON 5 OHIO
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
Central Prods Co 57 Forest St Battle Creek Mich
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
Continental Steel Corp 1109 S Main St Kokomo Ind
FOLLANSBEE STEEL CORP 140 STANWIX ST PITTSBURGH 22 PA

In valley tin or roofing tin, the name is Follansbee Terne
FOLLANSBEE STEEL CORPORATION
Follansbee, West Virginia

Gary-Pioneer Steel Corp Gary Ind
Goldsmith Metal Lath Co 4601 Chickering Cincinnati Ohio
Illinois Zinc Co 2959 W 47th St Chicago 32 Ill
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
La Crosse Steel Roofing Co 227 Jay St La Crosse Wis
Newport Steel Corp Ninth & Lowell Sts Newport Ky
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
Penn Supply Metal Corp 1831 N Fifth St Philadelphia 22 Pa
Quaker State Metals Co Manheim Pike at City Bypass Lancaster Pa
REYNOLDS METALS CO BUILDING PRODS DIV 2901 S NINTH ST LOUISVILLE 1 KY
SAINT PAUL CORRUGATING CO 8 END WABASHA ST ST PAUL 1 MINN
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
Tennison Bros Inc 450 N Bellevue Memphis 1 Tenn
Wheeling Corrugating Co 1134 Market St Wheeling W Va

▶ VALVES, PLUMBING, HEATING, ETC.

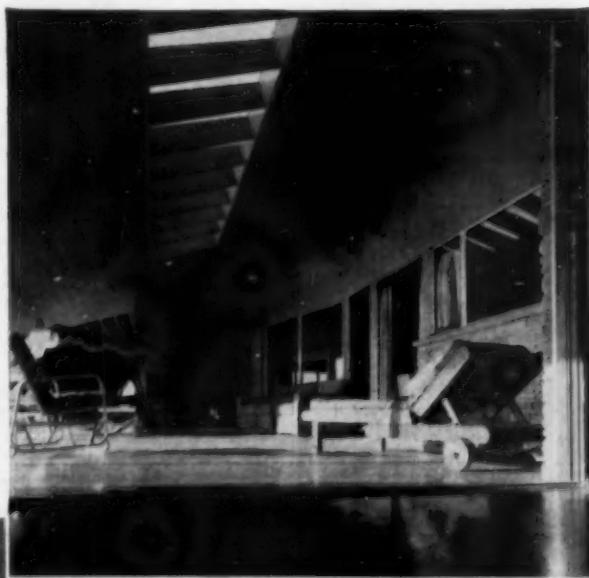
AMERICAN RADIATOR & STANDARD SANITARY CORP BESSEMER BLDG PITTSBURGH 30 PA
BELL & GOSSETT CO 8200 AUSTIN MORTON GROVE ILL
Boston Brass Co Inc 137 Bacon St Waltham 34 Mass
Bridgeport Brass Co 30 Grand St Bridgeport 2 Conn
Bristol Co PO Box 1790 Waterbury 20 Conn
Central Brass Mfg Co 2950 E 55th St Cleveland 27 Ohio
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
Coyne & Delaney Co 828 Kent Ave Brooklyn 5 NY
Crane Co 836 S Michigan Chicago 5 Ill
Detroit Brass & Malleable Co 100 S Campbell Detroit 9 Mich
Dick Bros Inc 3rd & Buttonwood Reading Pa
Dole Valve Co 1933 Carroll Ave Chicago 12 Ill
DUNKIRK RADIATOR CORP 85 MIDDLE RD DUNKIRK NY
Durst Mfg Co 499 Lafayette New York 3 NY

“Pittsburgh Glass is basic to the construction of our homes,”

says Wm. Tietz, President, Tietz Construction Co., Garden Grove, Calif.

THIS VIEW shows the outdoor living room as seen from the wide folding door opening into the recreation room. The dining nook and kitchen windows are at the right, giving a full view of the outdoors at the left. Note the ingenious skylight effect.

GENEROUS USE of Pittsburgh Polished Plate Glass in all the smaller windows is shown by this view of the rear of one of these attractive homes.

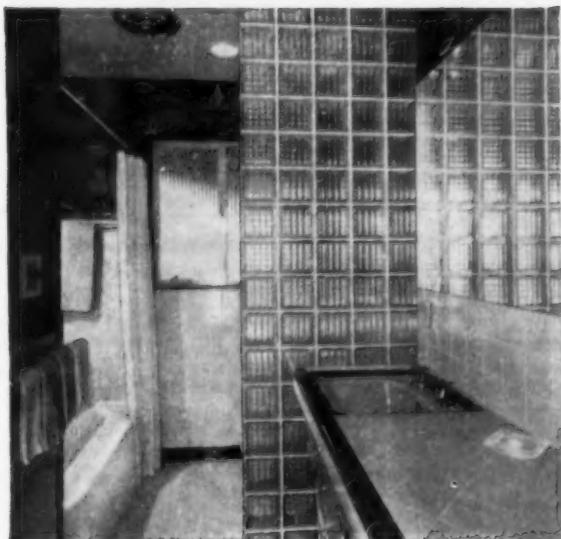


Build it better with

Pittsburgh Glass



ALL LARGE WINDOWS in these Tietz homes are glazed with Twindow® — Pittsburgh's window with built-in insulation. Twindow is made up of two panes of plate glass, with a sealed-in air space between. This construction gives Twindow its exceptional insulating properties. Cold air downdrafts are greatly reduced, there is less room-side condensation, and interiors are generally more comfortable—winter and summer. Architect: John Nelson, Garden Grove, Calif. W. P. Fuller & Co., Tacoma, Washington, installed all the windows.



IN THE BATHROOM, PC Glass Blocks are utilized as a partition. Their characteristics of light transmission, with complete privacy, make them ideal for such installation. Pittsburgh Mirrors also were chosen for these Tietz homes—for the bathrooms and dressing rooms.

*Every nickel you spend on glass shows.
And the results far outweigh the cost.*

See Sweet's Builders Catalog for detailed information on Pittsburgh Plate Glass Company products.



PAINTS · GLASS · CHEMICALS · BRUSHES · PLASTICS · FIBER GLASS

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ELJEE CO 3 GATEWAY CENTER BLDG
PITTSBURGH 22 PA
 Fairbanks Co 395 Lafayette St New York 3 NY
 Filer & Stowell Co 147 E Becher St Milwaukee
 7 Wis
 Harvey Machine Co Inc 19200 S Western Tor-
 rance Calif
 Hoffman Specialty Co 1901 York St Indian-
 apolis 7 Ind
 Imperial Brass Mfg Co 1299 W Harrison Chi-
 cago 7 Ill
 Jenkins Bros 100 Park Ave New York 17 NY
 Locke Regulator Co Salem Mass
 McDonald (A Y) Mfg Co 1200 Pine St Du-
 buque Iowa
 McDonnell & Miller Inc 3500 N Spaulding Chi-
 cago 18 Ill
MINNEAPOLIS-HONEYWELL REGULATOR
CO 2747 S FOURTH AVE MINNEAPOLIS
8 MINN
 Mueller Brass Co 1925 Lapeer Ave Port Huron
 Mich
 Mueller Co Decatur Ill
 Perfex Corp 609 W Oklahoma Milwaukee Wis
 Powell (William) Co 2525 Spring Grove Cincin-
 nati 22 Ohio
 Powers Regulator Co 3400 Oakton St Skokie
 Ill
 Price-Fisher Brass Mfg Co 3011 Humboldt St
 Los Angeles 27 Calif
 Rockford Brass Works 709 S Main St Rock-
 ford Ill
 Rockwood Sprinkler Co 38 Harlow St Worces-
 ter 5 Mass
 Schalls Co 1086 Summer Cincinnati 4 Ohio
 Sloan Valve Co 4300 W Lake St Chicago 23 Ill
 Taco Heaters Inc 1160 Cranston St Cranston
 9 RI
THRUSH (H A) & CO PERU IND
 Trane Co 3rd & Cameron La Crosse Wis
 Triplex Heating Specialty Co Inc 242-68 Grant
 St Peru Ind
 Walworth Co 60 E 42nd St New York 17 NY
**WEBSTER (WARREN) & CO 17TH & FED-
 ERAL STS CAMDEN 5 NJ**
 Western Foundry Co 2400 SW Water Ave
 Portland 1 Ore
 Zurn (J A) Mfg Co Erie Pa

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Bantam Mfg Co Inc 290 Rutherford Ave Bos-
 ton 11 Mass
 Burkett Lighting Rod Co Park Ave & Vine
 Fremont Ohio
 Davis & Siehl Co Dept AB Box 78 Sta A
 Cincinnati 2 Ohio
 Electra Protection Co Inc 11 N Pearl St
 Albany 7 NY
 Flske (J W) Iron Works 80 Park Pl New
 York 7 NY
INDEPENDENT PROTECTION CO INC
1603 S MAIN GOSHEN IND
 James Mfg Co Fort Atkinson Wis
MORGAN-WIGHTMAN SUPPLY CO 1541
SALZMAN ST LOUIS MO
 National Lightning Protection Co 2348 Eugenia
 St St Louis 3 Mo
 Samece (Wm J) Iron Co 917 Military Rd
 Kenmore 17 NY
 Starline Inc 300 W Front St Harvard Ill
 Tennessee Fabricating Co 1490 Grimes St Mem-
 phis Tenn
UNITED STATES GYPSUM CO 300 W
ADAMS ST CHICAGO 6 ILL
 Whitehall Metal Studios Inc 46 E Ohio Chicago
 Ill

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 Mich
 American Fluorite Co 4011 Red Bank Rd Cin-
 cinnati 21 Ohio
**AMERICAN SISALKRAFT CORP 55 STAR-
 KEY AVE ATTLEBORO MASS**
**ANGIER CORP FOUNTAIN ST FRAMING-
 HAM MASS**
 Barrett Div Allied Chemical & Dye Corp 40
 Rector St New York 6 NY
BIRD & SON INC 47 WILSON ST EAST
WALPOLE MASS
 Carey (Phillip) Mfg Co 316 S Wayne Cincin-
 nati 15 Ohio
**CERTAIN-TED PRODS CORP 120 E LAN-
 CASTER AVE ARDMORE PA**
 Durezchem Corp 1859 S 55th Ave Chicago 50 Ill
 Flex-O-Glass Inc 1190 N Cicero Ave Chicago
 51 Ill
INFRA INSULATION INC 525 BROADWAY
NEW YORK NY
 Janeville Cotton Mills 220 N Franklin St
 Janeville Wis
 Keystone Asphalt Prods Co 101 E Ontario St
 Chicago 11 Ill
 Kimberly-Clark Corp 128 N Commercial Neen-
 ah Wis
MEADOWS (W R) INC 2 KIMBALL ELGIN
ILL
 Old American Roofing Mills Div Ruberoid Co
 600 Fifth Ave New York 36 NY
 Old American Roofing Mills 7690 Truman Rd
 Kansas City Mo
 Olin Films Division 655 Madison Ave New York
 NY

Protective Papers Inc Union Ill
REYNOLDS METALS CO BUILDING PRODS
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 Richkraft Co 510 N Dearborn St Chicago 10 Ill
RUBEROID CO 500 FIFTH AVE NEW YORK
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VISKING CORP PO BOX 1410 TERRE
HAUTE IND

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 Albany Plywood Corp Albany Ore
ATLAS PLYWOOD CORP 1432 STATLER
BLDG BOSTON 14 MASS
 Braund-Harmon Co Wabek Bldg Birmingham
 Mich
 Braund Plywoods Inc 214 Wabek Bldg Bir-
 mingham Mich
CONNOR LUMBER & LAND CO 231
THOMAS ST WAUSAU WIS
 Higgins Industries Inc PO Box 8169 New
 Orleans 22 La
 Midwest Plywood Co 10101 Lyndon Ave Detroit
 21 Mich
 Nickey Bros Inc 2700 Summer Ave Memphis
 Tenn
 Northern Hardwood Veneers Inc Butternut
 Wis
 Pearl City Plywood Co Inc 1 Elam St James-
 town NY
 Phillips Wood Prods Co Inc PO Box 257
 Brookhaven Miss
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
UNITED STATES PLYWOOD CORP 55 W
44TH ST NEW YORK 36 NY
 Weber Veneer & Plywood Co Shawano Wis

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 Arex Co 612 N Michigan Ave Chicago 11 Ill
 Bennett-Ireland Inc 21 State St Norwich NY
BRUCE (E F) CO 1645 THOMAS BOX 397
MEMPHIS 1 TENN
CLEVELAND STEEL SPECIALTY CO 3771
E 91ST ST CLEVELAND 5 OHIO
DONLEY BROS CO 13910 MILES AVE
CLEVELAND 5 OHIO
 Flske (J W) Iron Works 80 Park Place New
 York 7 NY
HAMLIN PRODS INC PO BOX 2016 LITTLE
ROCK ARK
KEWANEE MFG CO 150 BURLINGTON AVE
KEWANEE ILL
 Leigh Bldg Prods Div Air Control Prods Inc
 Glade St at Larch Cooperaville Mich
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 Standard Steel Cabinet Co 3701 N Milwaukee
 Chicago 41 Ill
 Swett (A L) Iron Works 145 Glenwood Ave
 Medina NY
 Tennessee Fabricating Co 1490 Grimes St Mem-
 phis Tenn
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UNITED STATES GYPSUM CO 300 W
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 Vestal Mfg Co PO Box 152 Sweetwater Tenn
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 boro NC
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 Allen Steel Prods Inc 2941 E Ten Mile Rd
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 Arex Co 612 N Michigan Ave Chicago 11 Ill
 Blue (M) Electric Co 306 W 69th St Chicago
 21 Ill
 Consumers Co 79 W Monroe St Chicago 3 Ill
 Gagnon Clay Prods Co 526 S Broadway Green
 Bay Wis
 Kaptur (Joseph J) & Co 121st & 90th Sts
 Falos Park Ill
 Modern Stainless Specialties Div Modern Elec-
 tric Laboratories 138th & Chatham St Blue
 Island Ill
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 Weather-Blue Co Inc 3734 N Southport Ave
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 Wineo Ventilator Co 533 Bittner St St Louis
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 Wisconsin Face Brick & Supply Co 4485 N
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STEWART (S J) ELECTRIC CO 527-531 ST
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 Burt Mfg Co 44 E South St Akron 11 Ohio
CECO STEEL PRODS CORP 5601 W 26TH ST
CHICAGO 50 ILL
 Clay Equipment Corp 23 Builder St Cedar Falls
 Iowa
 Farwell Metal Fabricating Div Farwell Ozman
 Kirk & Co Fairfield & Walter St Paul 1 Minn
**INLAND STEEL PRODS CO 4111 W BURN-
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SAINT PAUL CORRUGATING CO S END
W BASHA ST ST PAUL 1 MINN
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 Aerovent Fan Co Inc Ash & Beacon Sts Piqua
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 Air Devices Inc 185 Madison Ave New York
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 Airmaster Corp 4317 Ravenswood Ave Chicago
 13 Ill
 Airolite Co Westview Ave Marietta Ohio
 Allen Steel Prods Inc 2941 E Ten Mile Rd
 Hazel Park Mich
 American Blower Div American Radiator &
 Standard Sanitary Corp Tiresman at Rose-
 lawn Detroit 32 Mich
 American Metal Works Inc 4401 Bienville St
 New Orleans La
 Arex Co 612 N Michigan Ave Chicago 11 Ill
 Atkinson Mfg Co 502-14 S James Ludington
 Mich
 Badger Corrugating Co 1801 West Ave S La
 Crosse Wis
BURNS MFG CO 3050 N ROCKWELL ST
CHICAGO 18 ILL
 Brower Mfg Co Box 251 Quincy Ill
 Busch (A G) & Co Inc 2632 N Central Ave
 Chicago 39 Ill
 Carey (Phillip) Mfg Co 316 S Wayne Cincin-
 nati 15 Ohio
CECO STEEL PRODS CORP 5601 W 26TH ST
CHICAGO 50 ILL
 Clay Equipment Corp 23 Builder St Cedar Falls
 Iowa
CLEVELAND STEEL SPECIALTY CO 3771
E 91ST ST CLEVELAND 5 OHIO
 Cook Loren Co 664 Front St Berea Ohio
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ideal protection from moisture damage Alfol is the best vapor barrier. Its continuous length and stud to stud coverage bar water vapor from cold wall areas, prevents harmful condensation.

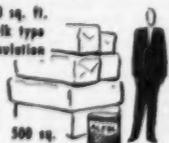


easy, fast application Alfol is the easiest full-protection reflective insulation to apply—goes up without special care to prevent tearing. Alfol has every application advantage over bulk-type insulations—no muss or irritating dust: "takes the itch out of insulation."



low applied cost A 500-foot roll of Alfol takes 1/20 as much storage space and weighs 1/12 as much as its bulk type equivalent. Add this to the ease and speed of application, and you slash handling and installation costs!

500 sq. ft. bulk type insulation
500 sq. ft. roll of Alfol



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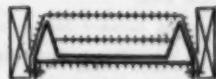
ALUMINUM FOIL INSULATION

REFLECTAL CORPORATION
A subsidiary of Borg-Warner Corp.
310 South Michigan Ave., Suite 2819
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ALFOL TYPES for every all-year need

TYPE 4



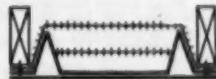
Highest efficiency . . . 2 layers of foil within expanding panel, plus 1 layer laminated to duplex vapor-proof backing . . . 4 reflective air spaces.

TYPE 3



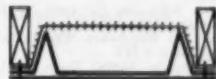
Excellent for sidewalls, crawl spaces, unfinished ceilings. Similar to Type 4, but provides 3 reflective air spaces.

TYPE 2



High efficiency at low cost . . . 2 inner layers of foil, plus vapor-proof duplex backing. 3 reflective air spaces.

TYPE 1



Efficient full protection at minimum cost. 1 layer foil plus strong vapor-proof duplex backing. 2 reflective air spaces.

TYPE 1A



Special to fit 1"x2" wood furring strips on masonry work . . . 1 layer foil plus vapor-proof duplex backing . . . 2 reflective air spaces.

ALFOL ROLLS compact . . . range of sizes

Alfol comes in compact roll, automatically expands to provide up to 4 reflective air spaces when applied. Rolls give either 500 or 250 sq. ft. continuous coverage. Available in widths to accommodate 12", 16", 20", 24" framing centers.

ALFOL APPLICATION simple and positive

Alfol is easily stapled across face of framing members or "dished in". Tough kraft and duplex backing bears all stress of application, prevents sagging. Exposed ceiling applications are efficient, durable. Improve lighting.

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HAMLIN PRODS INC PO BOX 2016 LITTLE
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cago 11 Ill

Ideal Ventilator Co 293 Brockton Ave Abing-
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Ig Electric Ventilating Co 2850 N Crawford
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NY

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Crosse Wis

Larson Co Ave "G" & C&NW Ry Sterling Ill
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TON 7 OHIO

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Chicago 12 Ill

Louden Machinery Co 1120 Broadway Fair-
field Iowa

Modern Stainless Specialties Div Modern Electric
Laboratories 138th & Chatham St Blue
Island Ill

National Screen Co Inc Madison Ave Extended
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Miss

Panache Airbrush Co 1999 W Diversey Pkwy
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Pennsylvania Wire Glass Co 1612 Market St
Philadelphia 3 Pa

Plymouth Stamped Metal Co Gallon Ohio
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WABASHA ST ST PAUL 1 MINN

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more 17 NY

Schumacher (F E) Co 299 Mill St Hartsville
Ohio

Seco-Lite Mfg Co 4916 Easton Ave St Louis Mo
Signal Electric Div King-Seely Corp 1831
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Standard Steel Cabinet Co 3701 N Milwaukee
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Starline Inc 399 W Front St Harvard Ill
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JOSEPH NEW ORLEANS 12 LA

Stewart Industries Inc 320 E St Joseph Indian-
apolis Ind

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KAN

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Trane Co 3rd & Cameron La Crosse Wis

Tyra (R E) Co Highway 61 Tyra Minn
Uno Ventilator Co 1236 Eastern Ave Malden
48 Mass

Van Noorden (E) Co 100 Magazine St Boston
19 Mass

Vestal Mfg Co PO Box 152 Sweetwater Tenn
Wayne Agricultural Works Inc Box 1096 Golds-
boro NC

Western Appliance Co Inc 5646-50 Grand River
Ave Detroit 8 Mich

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White Steel Corp Box 149 Galesburg Ill
Wingo Ventilator Co 533 Bittern St St Louis
18 Mo

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Crosse Wis

Baker-Thomas Lime & Cement Co Phoenix
Ariz

California Zonolite Co Sacramento Calif
Carolina Vermiculite Co Box 5120 Benning Sta
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Graybeal (C R) & Sons PO Box 196 Roan
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City Kan

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Texas

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Wash

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Minneapolis Minn

Zonolite Co 515 Madison St Kansas City Mo

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Chicago 30 Ill

Athol Machine & Foundry Co 82 South St
Athol Mass

Billings & Spencer Co 12 Laurel St Hartford 1
Conn

Birtman Electric Co 4140 W Fullerton Chicago
39 Ill

Capewell Mfg Co 60 Governor St Hartford 2
Conn

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Columbian Vice & Mfg Co 9921 Bessemer Ave
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General Hardware Mfg Co Inc 80 White St
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Graham (John H) & Co Inc PO Box 1042
New York 8 NY

Grand Specialties Co 3101 W Grand Ave Chi-
cago 22 Ill

Littlestown Hardware & Foundry Co 48 Charles
St Littlestown Pa

Miller Falls Co Wells & Devon Greenfield Mass
Milwaukee Hay Tool Co 2773 S 29th St Mil-
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North Bros Mfg Div Stanley Tools 228 Lehigh
Ave Philadelphia 33 Pa

Parker (Charles) Co 50 Hanover St Meriden
Conn

Red Tiger Prods Inc 20 N Wacker Chicago 6
Ill

RICHARDS-WILCOX MFG CO 326 THIRD ST
AURORA ILL

St Paul Foundry & Mfg Co 500 Como Ave
St Paul 3 Minn

SARGENT & CO 45 WATER ST NEW
HAVEN 9 CONN

Stanley Tools Div Stanley Works 111 Elm Ave
New Britain Conn

Tesco Inc 110 S Norfolk Tulsa Okla

Will-Burt Co 292 S Main St Orrville Ohio

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CERTAIN-TEED PRODS CORP 120 E LAN-
CASTER AVE ARDMORE PA

NATIONAL GYPSUM CO 325 DELAWARE
AVE BUFFALO 2 NY

UNITED STATES GYPSUM CO 300 W
ADAMS ST CHICAGO 6 ILL

Wilson (Grant) Inc 141 W Jackson Blvd Chi-
cago 4 Ill

► WALLBOARD, ASBESTOS CEMENT

Carey (Philip) Mfg Co 316 S Wayne Cincin-
nati 15 Ohio

CERTAIN-TEED PRODS CORP 120 E LAN-
CASTER AVE ARDMORE PA

HOMASOTE CO 1935 HARVEY RD TREN-
TON 2 NJ

JOHNS-MANVILLE CORP 22 E 40TH ST
NEW YORK 16 NY

KEASBEY & MATTISON CO BUTLER AVE
AMBLER PA

NATIONAL GYPSUM CO 325 DELAWARE
AVE BUFFALO 2 NY

Old American Roofing Mills Div Ruberoid Co
509 Fifth Ave New York 36 NY

Old American Roofing Mills 7600 Truman Rd
Kansas City Mo

RUBEROID CO 500 FIFTH AVE NEW YORK
36 NY

► WALLBOARD, FIBER CANE

CELOTEX CORP 120 S LASALLE ST CHI-
CAGO 3 ILL

► WALLBOARD, FIBER, INSULATING

ARMSTRONG CORK CO 1010 CONCORD ST
LANCASTER PA

Badger Corrugating Co 1801 West Ave S La
Crosse Wis

BARCLAY MFG CO INC 385 GERARD AVE
NEW YORK 51 NY

Barrett Div Allied Chemical & Dye Corp 40
Rector St New York 6 NY

CELOTEX CORP 120 S LASALLE ST CHI-
CAGO 3 ILL

Cole Mfg Co PO Box 2657 Memphis 2 Tenn
FLINTKOTE CO 30 ROCKEFELLER PLAZA
NEW YORK 26 NY

INSULITE DIV MINNESOTA & ONTARIO
PAPER CO 590 BAKER ARCADE MINNE-
APOLIS 3 MINN

JOHNS-MANVILLE CORP 22 E 40TH ST
NEW YORK 16 NY

NATIONAL GYPSUM CO 325 DELAWARE
AVE BUFFALO 2 NY

National Plywoods Inc 2710 Throop St Chicago
Ill

Plantgeron Wall Board Co 196 Philadelphia
Buffalo 7 NY

Schreiber (Wm C) Lumber Co 2255 S Lumber
Chicago 16 Ill

Simpson Logging Co White Bldg Seattle 1
Wash

UNITED STATES GYPSUM CO 300 W
ADAMS ST CHICAGO 6 ILL

US Mengel Plywoods Inc PO Box 1612 Louis-
ville 1 Ky

UPSON CO 43 UPSON PT LOCKPORT NY
Wood Conversion Co 1st National Bank Bldg
St Paul 1 Minn

► WALLBOARD, FIBER, WATERPROOFED

UPSON CO 43 UPSON PT LOCKPORT NY

JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 14 NY
 Leewood Corp 1703 Ironwood South Bend Ind
MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO
MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 National Plywoods Inc 2710 Throop St Chicago Ill
 National Tileboard Corp 1314 Blondell Ave New York 61 NY
 Plastergen Wall Board Co 196 Philadelphia Buffalo 7 NY
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Simpson Logging Co White Bldg Seattle 1 Wash
SOUTHERN PLASWOOD CORP PO BOX 123 HOPE ARK
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
 U S Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
UPSON CO 43 UPSON PT LOCKPORT NY
 Wallace Mfg Co 10th & Fayette N Kansas City Mo
 Wood Conversion Co 1st National Bank Bldg St Paul 1 Minn
WOODALL INDUSTRIES INC 3500 OAKTON AVE SKOKIE ILL

WALLBOARD, GYPSUM

Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Blue Diamond Corp 1650 S Alameda St Los Angeles Calif
CELOTEX CORP 120 S LASALLE ST CHICAGO 2 ILL
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Grand Rapids Plaster Co Peoples National Bank Bldg Grand Rapids Mich
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 Palco Prods Inc 475 Brannan St San Francisco Calif
RUBEROID CO 506 FIFTH AVE NEW YORK 36 NY
 Schreiber (Wm C) Lumber Co 2255 S Lumber Chicago 16 Ill
 Schumacher Wall Board Corp South Gate Calif
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL

WALLBOARD, LEATHER FINISH

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Badger Corrugating Co 1801 West Ave S La Crosse Wis
 Color-Craft Prods Inc 6035 Belleville Detroit 11 Mich
 Hardboard Fabricators 59 Branch St Louis 7 Mo
MASONITE CORP 111 W WASHINGTON CHICAGO 2 ILL
 Miratile Mfg Co 8201 S Wallace St Chicago 20 Ill
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 Wallace Mfg Co 10th & Fayette N Kansas City Mo

WALLBOARD, MARBLE FINISH

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Consoweld Corp Wisconsin Rapids Wis
 Gibbs Boardtile Corp of America 615 N Aberdeen St Chicago 22 Ill
JOHNS-MANVILLE CORP 22 E 40TH ST NEW YORK 14 NY
MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO
 Miratile Mfg Co 8201 S Wallace St Chicago 20 Ill
 Prestile Mfg Co 5850 W Ogden Ave Chicago 50 Ill
 Tylac Co Greely & High Sts Monticello Ill
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa

WALLBOARD, PAPER

Abacot Displays 60 E 10th New York 2 NY
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Cornell Paperboard Prods Co 230 N Michigan Chicago 1 Ill
 Fleming & Sons Inc 1120 E Clarendon Dallas 5 Texas
 Plastergen Wall Board Co 196 Philadelphia Buffalo 7 NY
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
UPSON CO 43 UPSON PT LOCKPORT NY

WALLBOARD, WOODGRAIN FINISH

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Badger Corrugating Co 1801 West Ave So La Crosse Wis
BARCLAY MFG CO INC 385 GERARD AVE NEW YORK 51 NY
CERTAIN-TEED PRODS CORP 120 E LANCASTER AVE ARDMORE PA
 Consoweld Corp Wisconsin Rapids Wis
FORMICA CO 4514 SPRING GROVE CINCINNATI 32 OHIO
 Gibbs Boardtile Corp of America 615 N Aberdeen St Chicago 22 Ill
HOMASOTE CO 1935 HARVEY RD TRENTON 3 NJ
MARSH WALL PRODS INC 268 MAIN ST DOVER OHIO
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
 Prestile Mfg Co 5850 W Ogden Ave Chicago 50 Ill
SOUTHWOOD CORP PO BOX 391 FORT WORTH TEXAS
 Tylac Co Greely & High Sts Monticello Ill
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
WOODALL INDUSTRIES INC 3500 OAKTON AVE SKOKIE ILL

WALLPAPER

Abacot Displays 60 E 10th New York 2 NY
 Birge Co Inc 390 Niagara St Buffalo 1 NY
 Buffalo Wallcraft Co Inc PO Box 54 Buffalo 7 NY
 Century Wallpaper Mills Decatur Ill
 Cook Paint & Varnish Co 1412 Knox N Kansas City Mo
 Di-Noc Co 1700 London Rd Cleveland Ohio
 Globe Mills Inc 4860 S Halsted Chicago Ill
 Imperial Paper & Color Corp PO Box 231 Glens Falls NY
 Joliet Wall Paper Mills Inc Joliet Ill
 Kimberly-Clark Corp 128 N Commercial Neenah Wis
 Lennon Wallpaper Co 807 Fourth Ave Joliet Ill
 Midwest Wall Paper Co Joliet Ill
 Peaslee-Gaubert Paint & Varnish Co 223 N 16th St Louisville Ky
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Prager Co Worcester Mass
 Preservative Paint Co 5410 Airport Way Seattle 8 Wash
 Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
 Stamford Wallpaper Co Inc Taylor & Manin Sts Stamford Conn
 Star-Peerless Wallpaper Mills Joliet Ill
 Stotter Wallpaper Mills Crystal Lake Ill
 Trimx Co Inc Merchandise Mart Plaza Chicago Ill
 United Wallpaper Inc PO Box 348 Aurora Ill
 Varlar Div United Wallpaper Inc 6154 Merchandise Mart Chicago 54 Ill
 Watson (Geo E) Co 417 S Wabash Ave Chicago Ill
 York Wall Paper Co 750 Linden Ave York Pa

WALLPAPER, READY-PASTED

Birge Co Inc 390 Niagara St Buffalo 1 NY
 Imperial Paper & Color Corp PO Box 231 Glens Falls NY
 Preservative Paint Co 5410 Airport Way Seattle 8 Wash
 Trima Co Inc Merchandise Mart Plaza Chicago Ill
 United Wallpaper Inc PO Box 348 Aurora Ill

WALLPAPER REMOVERS

Barr (W M) & Co PO Box 2518 Memphis 6 Tenn
 Boyer Chemical Laboratory Co 2236 S Wabash Ave Chicago Ill
 Consumers Gline Co 1515 Hadley St Louis 6 Mo
 Fuller (H B) Co 181 W Kellogg Blvd St Paul 2 Minn
GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
 Le Page's Inc 40 Swanson St Gloucester 41 Mass
 Linck (O E) Co Inc Route 46 Clifton NJ
 Lott Cereals Co 18-55 Bradford St Geneva NY
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Pyramid Process Co Inc E Rochester NY
RED DEVIL TOOLS 130 COIT ST IRVINGTON NJ
 Reliable Paste & Chemical Co 3560 S Shields Ave Chicago 9 Ill
 Ridgely Trimmer Co 1300 Kenton St Springfield 99 Ohio
 Tamma Industries Inc 225 N La Salle St Chicago 1 Ill

United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa
 Warner Mfg Co 801 16th Ave SE Minneapolis Minn
 Whitehead (Jud) Henter Co 1043 W MacArthur Emeryville 8 Calif
 Wilson-Imperial Co 115 Chestnut St Newark 5 NJ

WARDROBES

Austral Sales Corp 101 Park Ave New York 17 NY
BARBER-COLMAN CO 120 MILL ST ROCKFORD ILL
REPUBLIC STEEL CORP BERGER DIV 1036 BELDEN AVE NE CANTON 5 OHIO
 Carnahan Mfg Co Loogootee Ind
CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
 Decorative Cabinet Corp 251 Fifth Ave New York 16 NY
 Delux Metal Furniture Co 402 Swuthers St Warren Pa
 Equipment Mfg Co Inc 1400 Spruce Kansas City 6 Mo
 Gardner Mfg Co 266 Barstow St Horicon Wis
 Lee Metal Prods 919 E Fort Baltimore 30 Md
 Lyon Metal Prods Inc 25 Montgomery St Aurora Ill
 Marquat Millwork Co 50 Ceape St Oshkosh Wis
MENGEL CO 4TH & COLORADO LOUISVILLE 1 KY
 Midwest Mfg Co Galesburg Ill
 Morgan Co 529 Oregon St Oshkosh Wis
 Revolver International 420 Market St San Francisco Calif
RICHARDS-WILCOX MFG CO 320 THIRD ST AURORA ILL
 Walters Mfg Co 140 Pennsylvania Oakmont Pa
 Wondercraft Mfg Co Farmington Minn

WASHERS, CLOTHES

Altortor Bros Co 812 W Washington E Peoria 8 Ill
 Apex Electrical Mfg Co 1020 E 152nd St Cleveland 10 Ohio
 Automatic Washer Co Newton Iowa
 Bendix Home Appliance Div Avco Mfg Corp 1329 Arlington St Cincinnati 25 Ohio
 Blackstone Corp 1032-88 Allen St Jamestown NY
 Caloric Stove Corp Topton Pa
 Conlon-Moore Corp 1824 S Laramie Cicero 60 Ill
CROSLBY DIV AVCO MFG CORP 1329 ARLINGTON ST CINCINNATI 25 OHIO
 Easr Washing Machine Corp Solar & Spencer St Syracuse 1 NY
 Frigidaire Div General Motors Corp 300 Markham St Dayton 1 Ohio
GENERAL ELECTRIC CO APPLIANCE PARK LOUISVILLE 1 KY
 Hamilton Mfg Co 1316 18th St Two Rivers Wis
HOTPOINT CO 5600 W TAYLOR ST CHICAGO 44 ILL
KELVINATOR 14250 PLYMOUTH RD DETROIT 32 MICH
 Maytag Co Newton Iowa
 Monitor Equipment Corp 640 W 249th St New York 71 NY
 Naxon Utilities Corp 3600 W Touhy Ave Chicago 45 Ill
 Norge Div Borg-Warner Corp Room 234 Merchandise Mart Chicago Ill
 One Minute Washer Co Kellogg Iowa
 Philco Corp Dexter Div Fairfield Iowa
 Speed Queen Corp PO Box 332 Ripon Wis
THOR CORP 2115 S 54TH AVE CICERO 58 ILL
 Universal Major Electric Appliance Co Box 119 Lima Ohio
 Voss Washer Co Kellogg Iowa
WESTINGHOUSE ELECTRIC CO ELECTRIC APPLIANCE DIV 246 E 4TH ST MANSFIELD OHIO
WESTINGHOUSE ELECTRIC CORP PO BOX 865 PITTSBURGH 38 PA
 Whirlpool Corp St Joseph Mich

WATER CONDITIONERS

American Water Softener Co 4th & Lehigh Ave Philadelphia 23 Pa
 Calgon Inc 323 Fourth Ave Pittsburgh Pa
 Culligan Inc 1657 Sherman Ave Northbrook Ill
 Elgin Softener Corp 142 N Grove Ave Elgin Ill
 Johnson & Carlson 848 W Eastman Chicago 22 Ill
 Permuit Co 330 W 42nd St New York 36 NY
 Red Jacket Mfg Co 1951 S Rollf Davenport Iowa
 Uniflow Mfg Co 1525 E Lake Rd Erie Pa
 Wayne Home Equipment Co Inc 801 Glasgow Ave Fort Wayne 4 Ind

▶ WATER SUPPLY SYSTEMS

Aeromotor Co 2500 W Roosevelt Chicago 8 Ill
 Aurora Pump Co 789 Dearborn Aurora Ill
 Baker Mfg Co 153 Enterprise St Evansville
 Wis
 Barnes Mfg Co 651 N Main St Mansfield Ohio
 Chicago Pump Co 622 Diversey Pkwy Chicago
 14 Ill
 Crane Co 838 S Michigan Ave Chicago 5 Ill
 Dayton Pump & Mfg Co 509 N Webster St
 Dayton 1 Ohio
 Decatur Pump Co 2750 Nelson Park Rd De-
 catur Ill
**DELCO APPLIANCE DIV GENERAL MO-
 TORS CORP LYELL & WHITNEY STS
 ROCHESTER NY**
DEMING CO 4 BROADWAY SALEM OHIO
 Dempster Mill Mfg Co 711 S 6th St Beatrice
 Neb
 Everite Pump & Mfg Co Inc 617 N Prince St
 Lancaster Pa
 Fairbanks Morse & Co 600 S Michigan Ave
 Chicago 5 Ill
**FLINT & WALLING MFG CO INC 95 OAK
 ST KENDALLVILLE IND**
 Gardner-Denver Co Gardner & First Ave
 Quincy Ill
 Gould Pumps Inc 75 Fall St Seneca Falls NY
**GRAINGER (W W) INC 118 S OAKLEY
 BLVD CHICAGO 12 ILL**
 Heller-Aller Co Napoleon Ohio
 Hudson (H D) Mfg Co 587-91 E Illinois Chi-
 cago 11 Ill
 Hummer Mfg Co Springfield Ill
 Hydro Engineering Inc 700 39th Ave NE
 Minneapolis 21 Minn
 Jacuzzi Bros Inc 5327 Jacuzzi Ave Richmond
 Calif
 Johnson & Carlson 848 W Eastman Chicago
 22 Ill
 Lancaster Pump & Mfg Co Inc Manheim Pike
 Lancaster Pa
 McDonald (A Y) Mfg Co 1200 Pine St Dubuque
 Iowa
**MYERS (F E) & BRO CO 424-34 ORANGE
 ST ASHLAND OHIO**
 Pflug Machine & Mfg Co 441 S College St
 Piqua Ohio
 Red Jacket Mfg Co 1061 E Rolff Davenport
 Iowa
 Robbins & Myers Inc 1545 Lagonda Ave
 Springfield Ohio
 Shelter (M) & Sons Co 317 Railway St Clio
 Mich
 Uniflow Mfg Co 1625 E Lake Rd Erie Pa
 U S Challenge & Challenge Co 1441 N Kings-
 bury Chicago 22 Ill
 Wayne Home Equipment Co Inc 801 Glasgow
 Ave Fort Wayne 4 Ind
 Worthington Corp Harrison & Worthington
 Harrison NJ
 Worthington Corp 37 Appleton St Holyoke
 Mass

▶ WATERPROOFING COMPOUNDS, BASEMENT, CISTERNS

Abesto Mfg Corp 131 Wabash St Michigan
 City Ind
 Adenite Co 37-19 23rd St Long Island City NY
 American Bitumule & Asphalt Co 200 Bush
 St San Francisco Calif
**AMERICAN STA-DRI CO 4919 38TH ST
 BRENTWOOD MD**
 Anti Hydro Waterproofing Co 265 Badger Ave
 Newark 8 NJ
 Barrett Div Allied Chemical & Dye Corp 40
 Rector St New York 5 NY
 Belmont Smelting & Refining Works 330 Bel-
 mont Ave Brooklyn 7 NY
 Bonafide Mills Inc 295 Fifth Ave New York NY
**CABOT (SAMUEL) INC 141 MILK ST
 BOSTON 9 MASS**
 Camp Chemical Co Inc 170 Second Ave Brook-
 lyn 15 NY
 Carey (Philip) Mfg Co 316 S Wayne Cincinnati
 15 Ohio
 Ceresit Waterproofing Corp 3227 S Shields Ave
 Chicago 16 Ill
 Coddington (E D) Mfg Co 5024 N 37th St
 Milwaukee 9 Wis
**COLORCRETE INDUSTRIES INC 24TH &
 OTTOWA STS HOLLAND 1 MICH**
 Concrete Weld Co 5186 E Coldwater Flint Mich
 Continental Asbestos & Refining Corp 1 Mad-
 son Ave New York 10 NY
 Coopers Creek Chemical Corp River Rd W
 Conahohoken Pa
 Devoe & Reynolds Co Inc 787 First Ave New
 York 17 NY
 Douglas & Sturgess 475 Bryant St San Fran-
 cisco Calif
 Evercrete Corp 424 W 42nd St New York 18
 NY
**FLINTKOTE CO 30 ROCKEFELLER PLAZA
 NEW YORK 20 NY**
 Forman-Ford & Co 111 E Second St Minne-
 sopolis Minn
 Fort Pitt Chemical Co 26th & Smallman St
 Pittsburgh 22 Pa
 Gagnon Clay Prods Co 886 S Broadway Green
 Bay Wis

Haynes Prods Co 4007 Farnam St Omaha 3
 Neb
 Hollingshead (R M) Corp 840 Cooper St
 Camden 2 NY
 Horn (A C) Co Inc Tenth St & 44th Long
 Island City 1 NY
 Kay-Tite Co 10 White St West Orange NJ
 Masonry Waterproofing Co Inc Box 1061 North
 Sta Arlington 7 Va
 Master Builders Co 7016 Euclid Ave Cleve-
 land 3 Ohio
 Materials & Treatment Co Inc North Ave &
 3rd Milwaukee 12 Wis
NOVA SALES CO TRENTON 3 NJ
 Pecora Paint Co Inc 4th St & RDG RR
 Philadelphia 40 Pa
 Penn Crete Prods Co 20th Lippincott St
 Philadelphia 32 Pa
**PITTSBURGH PLATE GLASS CO 632 FORT
 DUQUESNE BLVD PITTSBURGH 22 PA**
 Prima Prods Inc 10 E 40th St New York NY
**PROTECTION PRODUCTIONS MFG CO 2305
 SUPERIOR AVE KALAMAZOO 99 MICH**
 Ranette Mfg Co 1917 S Broadway St Louis 4
 Mo
 Reilly Tar & Chemical Corp Merchants Bank
 Bldg Indianapolis 4 Ind
 Rock-Tred Corp 7440 N St Louis Skokie Ill
 Rox Prods Co 9930 Freeland Detroit 27 Mich
 Sika Chemical Corp 35 Gregory Ave Passaic
 NJ
 Smooth-On Mfg Co 574 Communipaw Jersey
 City 4 NJ
 Sonneborn & Sons Building Prods Div 404
 Fourth Ave New York 16 NY
 Standard Dry Wall Prods Inc 77 Hudmont
 St New Earle Pa
 Sullivan Co The 212 E Trig Memphis Tenn
 Tamms Industries Inc 228 N La Salle St
 Chicago 1 Ill
 Truscon Laboratories Div Devoe & Reynolds Co
 Caniff at Grand Trunk Ry Detroit 11 Mich
 Tuferte Co Inc 562 Teachout Bldg Des Moines
 9 Iowa
 Tuffalt Inc 137 Bauman St Pittsburgh 10 Pa
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Weather Seal Co 10 E Pearl St Cincinnati 2
 Ohio
 Wisconsin Face Brick & Supply Co 4485 N
 Green Bay Milwaukee Wis

▶ WATERPROOFING, INTEGRAL

Adenite Co 37-19 23rd St Long Island City NY
 American Bitumule & Asphalt Co 200 Bush
 St San Francisco Calif
 American Fluoresit Co 4011 Red Bank Rd Cin-
 cinnati 21 Ohio
**AMERICAN STA-DRI CO 4919 38TH ST
 BRENTWOOD MD**
 Anti Hydro Waterproofing Co 265 Badger Ave
 Newark 8 NJ
 Blue Ridge Talc Co Inc Henry Va
 Ceresit Waterproofing Corp 3227 S Shields Ave
 Chicago 16 Ill
**COLORCRETE INDUSTRIES INC 24TH &
 OTTOWA STS HOLLAND 1 MICH**
 Devoe & Reynolds Co Inc 787 First Ave New
 York 17 NY
 Evercrete Corp 424 W 42nd St New York 18
 NY
 Flexrock Co 36th & Filbert Sts Philadelphia 4
 Pa
 Fort Pitt Chemical Co 26th & Smallman St
 Pittsburgh 22 Pa
 Harrop Chemical Co 125 Hoboken Ave Jersey
 City 2 NJ
 Horn (A C) Co Inc 252 Townsend St San
 Francisco Calif
 Horn (A C) Co Inc Tenth St & 44th Ave Long
 Island City 1 NY
**JOHNS-MANVILLE CORP 22 E 49TH ST
 NEW YORK 18 NY**
 Kay-Tite Co 10 White St West Orange NJ
**LINDE AIR PRODS CO 39 E 42ND ST NEW
 YORK 17 NY**
 Masonry Waterproofing Co Inc Box 1061 North
 Sta Arlington 7 Va
 Master Builders Co 7016 Euclid Ave Cleveland
 3 Ohio
 Medusa Portland Cement Co 1090 Midland
 Bldg Cleveland 15 Ohio
 Minneapolis Builders Supply Co 927 Second
 Ave S Minneapolis Minn
OHIO LIME CO WOODVILLE OHIO
**PITTSBURGH PLATE GLASS CO 632 FORT
 DUQUESNE BLVD PITTSBURGH 22 PA**
 Prima Prods Inc 10 E 40th St New York NY
**PROTECTION PRODUCTIONS MFG CO 2305
 SUPERIOR AVE KALAMAZOO 99 MICH**
 Ranette Mfg Co 1917 S Broadway St Louis 4
 Mo
 Sika Chemical Corp 35 Gregory Ave Passaic
 NJ
 Sonneborn & Sons Building Prods Div 404
 Fourth Ave New York 16 NY
 Spray-O-Bond Co 2225 N Humboldt Milwaukee
 12 Wis
 Standard Dry Wall Prods Inc 77 Hudmont St
 New Earle Pa
 Steelcote Mfg Co 3418 Gratiot St St Louis 3
 Mo
 Stonhard Co 1206 Spring Garden Philadelphia
 23 Pa
 Sullivan Co The 212 E Trig Memphis Tenn
 Tamms Industries Inc 228 N La Salle St Chi-
 cago 1 Ill

Toch Bros 2600 Richmond Ter Staten Island
 NY
 Truscon Laboratories Div Devoe & Reynolds
 Co Caniff at Grand Trunk Ry Detroit 11
 Mich
 Tuffalt Inc 137 Bauman St Pittsburgh 10 Pa
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Wayne Chemical Prods Co Copeland & MC RR
 Detroit 17 Mich
 Weatherguard Service Inc 564 Jackson Ave
 New York 55 NY
 Weather Seal Co 10 E Pearl St Cincinnati 2
 Ohio

▶ WATERPROOFING, MEMBRANE

**AMERICAN SISALKRAFT CORP 55 STAR-
 KEY AVE ATTLEBORO MASS**
**ANGER CORP FOUNTAIN ST FRAMING-
 HAM MASS**
 Asbestos Asphalt & Insulation Inc 2100 Full-
 ton Ave Chicago 47 Ill
 Barrett Div Allied Chemical & Dye Corp 40
 Rector St New York 5 NY
**CABOT (SAMUEL) INC 141 MILK ST
 BOSTON 9 MASS**
 Carey (Philip) Mfg Co 316 S Wayne Cin-
 cinnati 15 Ohio
 Celadri Corp of New York 14 Newbridge Rd
 Hicksville LI NY
 Evercrete Corp 424 W 42nd St New York 18
 NY
 Flexrock Co 36th & Filbert Sts Philadelphia 4
 Pa
**FLINTKOTE CO 30 ROCKEFELLER PLAZA
 NEW YORK 20 NY**
 Horn (A C) Co Inc Tenth St & 44th Ave
 Long Island City 1 NY
**JOHNS-MANVILLE CORP 22 E 49TH ST
 NEW YORK 18 NY**
 Kay-Tite Co 10 White St West Orange NJ
 Kedmont Mfg Co 330 S Dearborn Chicago 4
 Ill
 Koppers Co Inc Koppers Bldg Pittsburgh 19
 Pa
 Lebon Co Madison at 25th Ave Bellwood Ill
 Minneapolis Builders Supply Co 927 Second
 Ave S Minneapolis Minn
 Minwax Co Inc 11 W 42nd St New York 36 NY
 Old American Roofing Mills Div Ruberoid Co
 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd
 Kansas City Mo
**PITTSBURGH PLATE GLASS CO 632 FORT
 DUQUESNE BLVD PITTSBURGH 22 PA**
 Prestite Engineering Co 3900 Chouteau Ave
 St. Louis 10 Mo
 Ranette Mfg Co 1917 S Broadway St Louis 4
 Mo
 Rubber & Plastics Compound Co 30 Rockefeller
 Plaza New York 20 NY
 Sonneborn & Sons Building Prods Div 404
 Fourth Ave New York 16 NY
 Toch Bros 2600 Richmond Ter Staten Island
 NY
 Tremco Mfg Co 8701 Kinsman Rd Cleveland
 Ohio
 Tuffalt Inc 137 Bauman St Pittsburgh 10 Pa
 United Tent & Supply Co 759 N Spring St Los
 Angeles Calif
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Wasco Flashing Co 87 Fawcett St Cambridge
 Mass
 Weatherguard Service Inc 564 Jackson Ave
 New York 55 NY

▶ WATERPROOFING, METALLIC

**AMERICAN SISALKRAFT CORP 55 STAR-
 KEY AVE ATTLEBORO MASS**
 Belmont Smelting & Refining Works 330 Bel-
 mont Ave Brooklyn 7 NY
 Ceresit Waterproofing Corp 3227 S Shields Ave
 Chicago 16 Ill
 Connelly Inc 3152 S California Chicago 8 Ill
 Devoe & Reynolds Co Inc 787 First Ave New
 York 17 NY
 Evercrete Corp 424 W 42nd St New York 18
 NY
 Flexrock Co 36th & Filbert Sts Philadelphia 4
 Pa
 Fort Pitt Chemical Co 26th & Smallman St
 Pittsburgh 22 Pa
 Gibson-Homans Co 2366 Woodhill Rd Cleveland
 8 Ohio
 Horn (A C) Co Inc Tenth St & 44th Ave
 Long Island City 1 NY
 Kedmont Mfg Co 330 S Dearborn Chicago 4
 Ill
 Master Builders Co 7016 Euclid Ave Cleveland
 3 Ohio
 Minneapolis Builders Supply Co 927 Second
 Ave S Minneapolis Minn
 Monroe Co Inc 10703 Quebec Ave Cleveland 6
 Ohio
 Ranette Mfg Co 1917 S Broadway St Louis 4
 Mo
 Sika Chemical Corp 35 Gregory Ave Passaic NJ
 Sonneborn & Sons Building Prods Div 404
 Fourth Ave New York 16 NY
 Toch Bros 2600 Richmond Ter Staten Island
 NY
 Truscon Laboratories Div Devoe & Reynolds
 Co Inc Caniff at Grand Trunk Ry Detroit 11
 Mich
 Weather Seal Co 10 E Pearl St Cincinnati 2
 Ohio

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NEWEST form of application for low, low cost protection at its best. Applied with ordinary white wash brush. Dries to strong, flexible film — peels off. Comes in 1 and 5 gal. cans. 55 gal. drums. 1 gal. covers 4 to 5 tubs.

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For the Protection of ALUMINUM PRIME WINDOWS—GLASS and smooth Ceramic surfaces, also Stainless Steel. Made to dry to a tough flexible film when applied either by brushing or spraying on. Peels off readily at completion of construction work. Comes in one and 5 gal. cans & 55 gal. drums.

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AB-7

▶ WATERPROOFING, SURFACE-TYPE

Abeto Mfg Corp 131. Wabash St Michigan City Ind
 Adensite Co 37-19 23rd St Long Island City NY
 American Fluorist Co 4011 Red Bank Rd Cincinnati 27 Ohio
 American-Marletta Co Valdura Div 101 E Ontario St Chicago Ill
 AMERICAN STA-DRE CO 4019 38TH ST BRENTWOOD MD
 Anti Hydro Waterproofing Co 245 Badger Ave Newark 8 NJ
 Armor Laboratories Inc Commercial & Doran Glendale 3 Calif
 Barrett Div Allied Chemical & Dye Corp 40 Reister St New York 6 NY
 BIRD & SON INC 47 WILSON ST E WALPOLE MASS
 Breinig Bros Int & Harrison Hoboken NJ
 CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
 CALBAR PAINT & VARNISH CO 2612-26 N MARTHA PHILADELPHIA 25 PA
 Carrp Co Inc 6068 S State Chicago 21 Ill
 Camp Chemical Co Inc 170 Second Ave Brooklyn 15 NY
 Carey (Philip) Mfg Co 216 S Wayne Cincinnati 15 Ohio
 Cerant Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill
 CERTAIN-TRED PRODS CORP 129 E LANCASTER AVE ADMORE PA
 Chapman Chemical Co 707 Dermon Bldg Memphis Tenn
 COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH
 Concor Co 4550 Main St Kansas City Mo
 Coopers Creek Chemical Corp River Rd W Conshohocken Pa
 Devos & Reynolds Co Inc 787 First Ave New York 17 NY
 DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
 Evercrete Corp 424 W 42nd St New York 18 NY
 Floerock Co 36th & Filbert Sts Philadelphia 4 Pa
 FLINTKOTE CO 39 ROCKEFELLER PLAZA NEW YORK 39 NY
 Forman-Ford & Co 111 E Second St Minneapolis Minn
 Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa
 Gibson-Homans Co 2365 Woodhill Rd Cleveland 6 Ohio
 Glastic Corp N Kansas City 16 Mo
 GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
 Harrop Chemical Co 125 Hoboken Ave Jersey City 2 NJ
 Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
 Hydro Prods Inc Madison 5 Wis
 JOHNS-MANVILLE CORP 33 E 40TH ST NEW YORK 16 NY
 Kay-Tite Co 10 White St West Orange NJ
 Leath Prods Co Inc 203 Iroquois Bldg Pittsburgh 13 Pa
 Lasting Prods Co Franklinton Rd Baltimore 33 Md
 Lehon Co Madison at 25th Ave Bellwood Ill
 LINDE AIR PRODS CO 30 E 42ND ST NEW YORK 17 NY
 Lockrey Co Southampton NY
 Lowbois Inc 125 E 53rd St Chicago 15 Ill
 Mar-Kay Mfg Co 2715 S Second St St Louis Mo
 Masonry Waterproofing Co Inc Box 1061 North Sta Arlington 7 Va
 Master Builders Co 7016 Euclid Ave Cleveland 4 Ohio
 Medusa Portland Cement Co 1000 Midland Bldg Cleveland 15 Ohio
 Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn
 Minwax Co Inc 11 W 42nd St New York 36 NY
 MIRACLE ADHESIVES CORP 214 E 52RD ST NEW YORK 22 NY
 Old American Roofing Mills Div Ruberoid Co 500 Fifth Ave New York 36 NY
 Old American Roofing Mills 7600 Truman Rd Kansas City Mo
 Pavinoletum Inc 1239 St Nicholas New York 32 NY
 Pecora Paint Co Inc 4th St & Rdg RR Philadelphia 40 Pa
 Pioneer Mfg Co 3055 E 87th St Cleveland 4 Ohio
 PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Presatite Engineering Co 3900 Chouteau Ave St Louis 10 Mo
 Prima Prods Inc 19 E 40th St New York NY
 PROTECTION PRODUCTIONS MFG CO 2395 SUPERIOR AVE KALAMAZOO 99 MICH
 Protective Papers Inc Union Ill
 Pyramid Co 453 Maple Ave Downers Grove Ill
 Ranette Mfg Co 1917 S Broadway St Louis 4 Mo
 Reardon Co 7501 Page Ave St Louis 14 Mo
 Re-Nu-It Corp 454 W 42nd St New York 36 NY
 Rochend Fresh Co Van Wert Ohio
 Rohloff & Co 918 N Western Ave Hollywood 29 Calif

RUBEROID CO 500 FIFTH AVE NEW YORK 36 NY
 Rust-Oleum Corp 2425 Oakton St Evanston Ill
 SEDDON COMPANY THE 1526 WOOSTER RD CLEVELAND 16 OHIO

SED-N-SET
 STOPS LEAKS—REPAIRS CRACKS
SED-N-SEAL
 SEALS & BEAUTIFIES
 CONCRETE, OR MASONRY WALLS
THE SEDDON COMPANY
 1526 WOOSTER RD., CLEVE. 16, O.

Sika Chemical Corp 35 Gregory Ave Passaic NJ
 Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
 Spray-O-Bond Co 2225 N Humboldt Milwaukee 12 Wis
 Standard Dry Wall Prods Inc 77 Hudmont St New Eagle Pa
 Steelcote Mfg Co 3418 Gratiot St St Louis 3 Mo
 Stonhard Co 1306 Spring Garden Philadelphia 23 Pa
 Stopall Waterproofing Mfgs Inc 212 Commerce Bldg Kalamazoo Mich
 Sullivan Co The 212 E Trigg Memphis Tenn
 Super Concrete Emulsions 1372 E 16th Los Angeles 21 Calif
 Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
 Toeb Bros 2600 Richmond Ter Staten Island NY
 Truscon Laboratories Div Devos & Reynolds Co Inc Caniff at Grand Trunk Ry Detroit 11 Mich
 Tufferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 Tuffalt Inc 137 Bausman St Pittsburgh 10 Pa
 United Gilsonite Laboratories 1396 Jefferson Ave Scranton 1 Pa
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Wayne Chemical Prods Co Copeland & MC RR Detroit 17 Mich
 Weather Seal Co 10 E Pearl St Cincinnati 2 Ohio
 Webster (W F) Cement Co 224 Thorndike Cambridge 41 Mass
 Wesco Waterpaints Inc Maple St Matteson Ill
 Wilbur & Williams Co 130 Lincoln St Boston 35 Mass
 Wisconsin Face Brick & Supply Co 4485 N Green Bay Milwaukee Wis
 X-Pando Corp 43-15 36th St Long Island City 1 NY

▶ WATERPROOFING, TRANSPARENT

Adensite Co 37-19 23rd St Long Island City NY
 AMERICAN CEMENT PRODS 7306 PURITAN AVE DETROIT 38 MICH
 American Fluorist Co 4011 Red Bank Rd Cincinnati 27 Ohio
 AMERICAN STA-DRE CO 4019 38TH ST BRENTWOOD MD
 Anti Hydro Waterproofing Co 265 Badger Ave Newark 8 NJ
 CABOT (SAMUEL) INC 141 MILK ST BOSTON 9 MASS
 CALBAR PAINT & VARNISH CO 2612-26 N MARTHA PHILADELPHIA 25 PA
 Celadr Corp of New York 14 Newbridge Rd Hicksville LI NY
 Cerant Waterproofing Corp 3227 S Shields Ave Chicago 16 Ill
 COLORCRETE INDUSTRIES INC 24TH & OTTAWA STS HOLLAND 1 MICH
 Concor Co 4550 Main St Kansas City Mo
 Consumers Co 79 W Monroe St Chicago 3 Ill
 Continental Asbestos & Refining Corp 1 Madison Ave New York 10 NY
 Coopers Creek Chemical Corp River Rd W Conshohocken Pa
 Dewey Army Chemical Co 62 Whittemore Ave Cambridge 49 Mass
 Evercrete Corp 424 W 42nd St New York 18 NY
 Floerock Co 36th & Filbert Sts Philadelphia 4 Pa
 Forman-Ford & Co 111 E Second St Minneapolis Minn
 Fort Pitt Chemical Co 26th & Smallman St Pittsburgh 22 Pa
 Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
 General Paint Corp 2627 Army St San Francisco Calif
 Gibson-Homans Co 2365 Woodhill Rd Cleveland 6 Ohio
 GLIDDEN CO BEREA RD & MADISON CLEVELAND 2 OHIO
 Harrop Chemical Co 125 Hoboken Ave Jersey City 2 NJ
 Haynes Prods Co 4007 Farnam St Omaha 3 Neb
 Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
 Kedmont Mfg Co 540 S Dearborn Chicago 4 Ill

Keystone Asphalt Prods Co 191 E Ontario St Chicago 11 Ill
 LINDE AIR PRODS CO 30 E 42ND ST NEW YORK 17 NY
 Lumino Co 515 Madison Ave New York 22 NY
 Made-Rite Prods Inc 2410 S 7th St St Louis Mo
 Mar-Kay Mfg Co 2715 S Second St St Louis Mo
 Masonry Waterproofing Co Inc Box 1061 North Sta Arlington 7 Va
 Minneapolis Builders Supply Co 927 Second Ave S Minneapolis Minn
 Minwax Co Inc 11 W 42nd St New York 36 NY
 Mobile Paint Mfg Co PO Box 1668 Mobile Ala
 Monroe Co Inc 10703 Quebec Ave Cleveland 6 Ohio
 Pecora Paint Co Inc 4th St & Rdg RR Philadelphia 40 Pa
 Price Fire & Water Proofing Co Poughkeepsie NY
 Prima Prods Inc 19 E 40th St New York NY
 PROTECTION PRODUCTIONS MFG CO 2395 SUPERIOR AVE KALAMAZOO 99 MICH
 Ranette Mfg Co 1917 S Broadway St Louis 4 Mo
 Rohloff & Co 918 N Western Ave Hollywood 29 Calif
 Sika Chemical Corp 35 Gregory Ave Passaic NJ
 Sonneborn & Sons Building Prods Div 404 Fourth Ave New York 16 NY
 Speco Inc 7308 Associate Ave Cleveland 9 Ohio
 Standard Dry Wall Prods Inc 77 Hudmont St New Eagle Pa
 Sullivan Co The 212 E Trigg Memphis Tenn
 Surface Protection Co 16799 Euclid Ave Cleveland 12 Ohio
 Tamma Industries Inc 228 N La Salle St Chicago 1 Ill
 Toeb Bros 2600 Richmond Ter Staten Island NY
 Truscon Laboratories Div Devos & Reynolds Co Inc Caniff at Grand Trunk Ry Detroit 11 Mich
 Tufferete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 United Laboratories Inc 16801 Euclid Ave Cleveland 12 Ohio
 Vita-Var Corp 10 Commerce Ct Newark NJ
 Waterlox Div Empire Varnish Co 2636 E 76th St Cleveland 4 Ohio
 Weatherguard Service Inc 564 Jackson Ave New York 55 NY
 Wisconsin Face Brick & Supply Co 4485 N Green Bay Milwaukee Wis
 Wurvlack Chemical Co 4977 Fyler Ave St Louis 9 Mo
 X-Pando Corp 43-15 36th St Long Island City 1 NY

▶ WEATHERSTRIPPING

Accurate Metal Weatherstrip Co 216 E 26th St New York 10 NY
 Alden Mfg Co 291 W Walnut St Painesville Ohio
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 ALLMETAL WEATHERSTRIP CO 3241 N KNOX AVE CHICAGO 39 ILL
 Alto Mfg Co 1647 W Wolfram Chicago 13 Ill
 Aluminum Home Prods Co Carr St at Southern Ry Knoxville Tenn
 American Metal Weather Strip Co Grand Rapids Mich
 BALTZ (R N) & CO 1069 HARVARD TER EVANSTON ILL
 Barland Weatherstrip Material 1960 E 59th St Cleveland 3 Ohio
 Bridgeport Fabrics Inc 195 Holland Ave Bridgeport 1 Conn

America's Most Complete Weather Strip Line

Numetal Door & Window Sets

Twin-Cushion Full Jamb Sets or Bulk

On-GARD COIL for doors and Windows

Dixie Rib Interlocking

See Pages 56-59

SOLD BY HARDWARE & LUMBER DEALERS



MACKLANBURG-DUNCAN CO.
 OKLAHOMA CITY, OKLA.

CENTRAL METAL STRIP CO 4343 N WEST-ERN AVE CHICAGO 18 ILL
CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH
CHICAGO METAL STRIP CO 4521 N CLARK ST CHICAGO 46 ILL
 Dennis (W J) & Co 4444 Irving Pk Rd Chi-cago 41 Ill
 Dorbin Metal Strip Mfg Co 2410 S Cicero Ave Chicago 50 Ill
 Durkee-Atwood Co 217 NE 7th St Minneapolis 15 Minn
 Dyke Bros 809 Center Little Rock Ark
 Formetal Inc 109 W Water St Oak Harbor Ohio
 Gardner Wire Co 1325 S Cicero Chicago 50 Ill
 Goshen Sash & Door Co E Purl Goshen Ind
 Lock-Joint Window Co 817 NW 61st Oklahoma City 6 Okla
MACKLANBURG-DUNCAN CO 4641 N SAN-TA FE OKLAHOMA CITY OKLA
MASTER METAL STRIP SERVICE INC 1726 N KILBOURN AVE CHICAGO 39 ILL
 Milwaukee Strip Service Inc 4621-23 E Lisbon Milwaukee 8 Wis
 Monarch Metal Weatherstrip Co 6333 Etzel Ave St Louis 14 Mo
 Mortell (J W) Co 550 N Hobbie Ave Kankakee Ill
 N S W Co 12930 Auburn Ave Detroit 23 Mich
 National Guard Prods Inc 540 Jackson Ave Memphis 7 Tenn
 National Metal Prods Co 1091 Ridge Ave Pitts-burgh 35 Pa
 Nichols Metal Strip Service 2108 Gilbert Cin-cinnati 6 Ohio
 Pemko Mfg Co 4070 Hubbard St Emeryville Calif
 Presstite Engineering Co 3900 Chouteau Ave St Louis 10 Mo
 Protec Weatherstrip Mfg Co 4508 S Western Ave Chicago Ill
 R O W Sales Co 1365 Academy Ferndale 20 Mich
 Reese Metal Weatherstrip Co 712 Park Ave Minneapolis Minn
 Samson Prods Co 3219 Armitage Ave Chicago 47 Ill
 Schlegel Mfg Co 227 N Goodman St Rochester NY
 Security Co 385 Midland Detroit 3 Mich
 Sentry Stop-A-Draft 29 N Wacker Dr Chicago 6 Ill
 Southern Metal Prods Corp 921 Rayner Mem-phiss 6 Tenn
 Spanjers (A J) Co 5800 N Lilac Dr Minneapo-lis Minn
 Van Cleef Bros Inc 7800 S Woodlawn Chicago 19 Ill
 Vanguard Weather Fend Co 1910 Broadway NE Albuquerque NM
 Warnica Prods 6416-18 S Ashland Ave Chica-go 26 Ill
WEATHERPROOF PRODS CORP WALDO
STA BOX 8498 KANSAS CITY 5 MO
 Yardley Industries 138 Parsons Ave Columbus 15 Ohio
ZEGERS INC 8698 S SOUTH CHICAGO AVE
CHICAGO 17 ILL

► **WEATHERSTRIPPING, COMBINATION SASH BALANCE**
 CENTRAL METAL STRIP CO 4343 N WEST-ERN AVE CHICAGO 18 ILL
CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH
CHICAGO METAL STRIP CO 4521 N CLARK ST CHICAGO 46 ILL
MACKLANBURG-DUNCAN CO 4641 N SAN-TA FE OKLAHOMA CITY OKLA
 Milwaukee Strip Service Inc 4621-23 E Lisbon Milwaukee 8 Wis
 Monarch Metal Weatherstrip Co 6333 Etzel Ave St Louis 14 Mo
 Pemko Mfg Co 4070 Hubbard St Emeryville Calif
 Reese Metal Weatherstrip Co 712 Park Ave Minneapolis Minn
 Southern Metal Prods Corp 921 Rayner Mem-phiss 6 Tenn
 Warnica Prods 6416-18 Ashland Ave Chicago 26 Ill
WEATHERPROOF PRODS CORP WALDO
STA BOX 8498 KANSAS CITY 5 MO
ZEGERS INC 8698 S SOUTH CHICAGO AVE
CHICAGO 17 ILL

► **WEATHERSTRIPPING DOOR & DOOR BOTTOM**
 Accurate Metal Weatherstrip Co 216 E 26th St New York 10 NY
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMES METAL MOULDING CO 225 E 144TH ST NEW YORK 51 NY
BALTZ (R N) & CO 1069 HARVARD TER EVANSTON ILL
 Brainard Industries Inc 152 S 15th St Linden-hurst Ill NY
 Braun (J G) Co 537 W 25th St New York 1 NY
CECO STEEL PRODS CORP 5491 W 26TH ST CHICAGO 50 ILL

CENTRAL METAL STRIP CO 4343 N WEST-ERN AVE CHICAGO 18 ILL
CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH
 Dennis (W J) & Co 4444 Irving Pk Rd Chi-cago 41 Ill
 Dorbin Metal Strip Mfg Co 2410 S Cicero Ave Chicago 50 Ill
 Gardner Wire Co 1325 S Cicero Ave Chicago 50 Ill
MACKLANBURG-DUNCAN CO 4641 N SAN-TA FE OKLAHOMA CITY OKLA

Nu-GARD
AUTOMATIC DOOR BOTTOM
ENDS DRAFTY DOORS!

See Pgs. 56-59

SOLD BY HARDWARE & LUMBER DEALERS

MACKLANBURG-DUNCAN CO.
 OKLAHOMA CITY, OKLA.

MASTER METAL STRIP SERVICE INC 1726 N KILBOURN AVE CHICAGO 39 ILL
 Monarch Metal Weatherstrip Co 6333 Etzel Ave St Louis 14 Mo
 National Metal Prods Co 1091 Ridge Ave Pitts-burgh 33 Pa
 Parker (S) Hardware Mfg Corp 27 Ludlow St New York 2 NY
 Pemko Mfg Co 4070 Hubbard St Emeryville Calif
 Reese Metal Weatherstrip Co 712 Park Ave Minneapolis Minn
 Schlegel Mfg Co 227 N Goodman St Rochester NY
 Sentry Stop-A-Draft 29 N Wacker Dr Chicago 6 Ill
 Thermal Co 45 W Durham St Philadelphia 19 Pa
 Vanguard Weather Fend Co 1910 Broadway NE Albuquerque NM
WAGNER MFG CO 1ST & WASHINGTON
CEDAR FALLS IOWA
 Waterloo Sales Co Cleveland 19 Ohio
 Weather-Proof Co 1409 E 40th St Cleveland 3 Ohio
WEATHERPROOF PRODS CORP WALDO
STA BOX 8498 KANSAS CITY 5 MO
ZEGERS INC 8698 S SOUTH CHICAGO AVE
CHICAGO 17 ILL

► **WHEELBARROWS**

American Steel Scraper Co Wilkinson Ave Sidney Ohio
 Buch Mfg Co 800 S Market St Elizabethtown Pa
 Chattanooga Wheelbarrow Co 1313 E Main St Chattanooga 2 Tenn
 Concord Woodworking Co Inc 10 Behariel St W Concord Mass
 Jackson Mfg Co Loehiel Rd Harrisburg Pa
KEWANEE MFG CO 150 BURLINGTON AVE
KEWANEE ILL
 Kwik-Mix Co Port Washington Wis
 Lansing Co 693 N Cedar St Lansing 3 Mich
 Newark Ladder & Bracket Co Inc 17 Walnut Ave (Clark) Rahway NJ
 Novo Engine Co Ballantine St Lansing 5 Mich
 Ohio Machine Prods Co Columbus Ohio
 Prime Mover Co Sampson St Muscatine Iowa
 Sterling Wheelbarrow Co 7036 W Walker Milwaukee 14 Wis
 Western Wheel Barrow Mfg Co 8 Fort Smith Ark
 Wood Shovel & Tool Co Box 818 Piqua Ohio

► **WHEELS, GRINDING**

Albertson & Co Inc Sioux City 2 Iowa
 American Emery Wheel Works 1 Richmond Square Providence 1 RI
 Bay State Abrasive Prods Co Union St West-boro Mass
 Behr-Manning Corp Div Norton Co 1360 Howe St Troy NY
BELSAW MACHINERY CO 315 WESTPORT RD KANSAS CITY 11 MO
 Carborundum Co Buffalo Ave Niagara Falls NY
 Chicago Wheel & Mfg Co 1101 W Monroe St Chicago Ill
 Cortland Grinding Wheels Corp 1 Huntington St Chester Mass
 Dremel Mfg Co 2409 18th St Racine Wis
 General Hardware Co 3618 W Pierce St Mil-waukee 15 Wis

Goodrich Grinding Wheel Co 1500 W Madison Chicago Ill
 Hanchett Mfg Co 906 N State St Big Rapids Mich
 Hoe (R) & Co Inc 910 E 138th St New York 54 NY
 Macklin Co 2914 Wildwood Rd Jackson Mich
 Mid-West Abrasive Co 510 W Washington St Owosso Mich
 Norton Co 1 New Bond St Worcester 6 Mass
 Simonds Abrasive Co Tacony & Fraley Sts Philadelphia 37 Pa
SKIL CORP 5632 ELSTON AVE CHICAGO
30 ILL
 Sterling Abrasives Div Cleveland Quarries Co 1430 Broad St Tiffin 15 Ohio
 Thor Power Tool Co 175 N State St Aurora Ill
 United States Rubber Co 1230 Ave of Americas New York 20 NY
 Vitrifred Wheel Co Emery St Westfield Mass
 Wissota Mfg Co 1391 E Third St Minneapolis Minn

► **WINCHES, HAND**

C & H Electric Co 436 W Juneau Ave Milwau-kee 3 Wis
 Clyde Iron Works Inc 29th Ave & W Michigan Dubuq 1 Minn
 Dobbie Foundry & Machine Co 150 Portage Rd Niagara Falls NY
 Downs Crane & Hoist Co 540 W Vernon Ave Los Angeles 37 Calif
 Erie Hoist Co Erie Pa
 Link-Belt Co 307 N Michigan Ave Chicago 1 Ill
 Little Giant Prods Inc 1530 N Adams St Peoria 3 Ill
 Ohio Hoist & Mfg Co Inc 13124 Shaker Square Cleveland 20 Ohio
 Original Enderas Co Guttenburg Iowa
 Ridgely Trimmer Co 1300 Kenton St Spring-field 99 Ohio
 Round (David) & Son Inc PO Box 883 Cleve-land 22 Ohio
 Stephens-Adanson Mfg Co 274 Ridgeway Ave Aurora Ill
 Stimmel Winch Co Inc 37-24 33rd St Long Is-land City 1 NY

► **WINCHES, TRACTOR & TRUCK**

American Hoist & Derrick Co 63 S Robert St St Paul 1 Minn
 Four Wheel Drive Auto Co E 12th St Clinton-ville Wis
 Fruehauf Trailer Co 10941 Harper Ave Detroit 32 Mich
 Hyster Co 2902 NE Clackamas Portland 8 Ore
 Milford Crane & Machine Co Milford Conn
 Ohio Hoist & Mfg Co Inc 13124 Shaker Square Cleveland 20 Ohio
OLIVER CORP 490 W MADISON ST CHI-CAGO ILL
 Robbins & Myers Inc 1345 Lagonda Ave Springfield Ohio
 Saagen Derrick Co 3101 W Grand Ave Chicago 22 Ill
 Shepard Niles Crane & Hoist Corp 410 Schuy-ler Ave Montour Falls NY
 Silent Hoist & Crane Co 875 63rd St Brooklyn 20 NY
 Stimmel Winch Co Inc 37-24 33rd St Long Island City 1 NY
 Wood (Gar) Industries Inc Michigan Blvd Wayne Mich

► **WINDOW OPERATORS**

Adams Co The PO Box 268 Dubuque Iowa
AMERICAN HARDWARE CORP CORBIN
(P & F) DIV 102 WASHINGTON ST NEW
BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL &
ERWIN DIV 102 WASHINGTON ST NEW
BRITAIN CONN
BAYLEY (WILLIAM) CO 1200 WARDER ST
SPRINGFIELD OHIO
 Casement Hardware Co 612 N Michigan Ave Chicago 11 Ill
CORBIN (P & F) DIV AMERICAN HARD-
WARE CORP 102 WASHINGTON ST NEW
BRITAIN CONN
 Croft Steel Prods Inc 19 Market St James-town NY
 Getty (H B) & Co Inc 3348 N 10th St Phila-delphia 40 Pa
GRAND RAPIDS HARDWARE CO 540 11TH ST NW GRAND RAPIDS 2 MICH
IVES (H B) CO 5 ARTIZAN ST NEW HAV-
EN 3 CONN
 Kaptur (Joseph J) & Co 121st & 90th Sts Palos Park Ill
 Pacific Brass & Hardware Mfg Co 2442 N Chico Ave El Monte Calif
 Parlyn Inc 1690 Monterey Pass Monterey Park Calif
RUSSELL & ERWIN DIV AMERICAN
HARDWARE CORP 102 WASHINGTON
ST NEW BRITAIN CONN
SARGENT & CO 45 WATER ST NEW HAV-
EN 3 CONN
 Shelby Spring Hinge Co Shelby Ohio
STERLING HARDWARE MFG CO 2345 W NELSON ST CHICAGO 18 ILL

Universal Window Co 950 Parker St Berkeley 10 Calif
Van Ness Louvre Co 8354 San Fernando Rd Sun Valley Calif
Whitney (Vincent) Co PO Box 335 Sausalito Calif
Yale & Towne Mfg Co Henry St Stamford Conn

▶ WINDOW SASH PULLEYS

AMERICAN HARDWARE CORP CORBIN (P & F) DIV 102 WASHINGTON ST NEW BRITAIN CONN
AMERICAN HARDWARE CORP RUSSELL & ERWIN DIV 102 WASHINGTON ST NEW BRITAIN CONN
Cleveland Lock Works 1292 E 53rd St Cleveland 14 Ohio
CORBIN (P & F) DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
Getty (H S) & Co Inc 3348 N 10th St Philadelphia 40 Pa
GRAND RAPIDS HARDWARE CO 560 11TH ST NW GRAND RAPIDS 2 MICH
Industrial Iron Works PO Box 4625 Portland 2 Ore
Phoenix Lock Co 327 3rd Ave Newark 7 NJ
Protex Weatherstrip Mfg Co 4508 S Western Ave Chicago 111
RUSSELL & ERWIN DIV AMERICAN HARDWARE CORP 102 WASHINGTON ST NEW BRITAIN CONN
STANLEY WORKS NEW BRITAIN CONN

▶ WINDOW SCREENS, ALUMINUM FRAME

A B C Steel Equipment Co 211 E 22nd St New York NY
A B C Steel Equipment Co 17th & First Ave Tampa 5 Fla
Adams Co The PO Box 268 Dubuque Iowa All Weather Jalousies Inc State Highway 46 Teterboro NJ
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Alto Mfg Co 1647 W Wolfram Chicago 13 Ill
Alwintite Div General Bronze Corp Garden City NY
AMERICAN SCREEN PRODS CO 807 NW 30TH ST MIAMI 37 FLA
B & W Enterprises 3521 Sweetwood St Houston 19 Tex
Barnhart (A W) Co 140 Highland St Port Chester NY
CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT MICH
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
DE VAC INC 5901 WAYZATA BLVD MINNEAPOLIS MINN
Eagle-Picher Co American Bldg Cincinnati 1 Ohio
Fentron Industries Inc 2801 Market St Seattle 7 Wash
Gabriel Steel Co 13790 Sherwood St Detroit 13 Mich
GENERAL WOODCRAFT CO INC 3323 PATERSON RD N BERGEN NJ
Kaufmann Corp 17210 Gable St Detroit 12 Mich
KOTA PRODS INC N COUNTY RD ROCKY MOUNT LN NY
Lato Prods Co 909 New Boston Rd Texarkana Tex
LUDMAN CORP 14100 BISCAYNE BLVD N MIAMI FLA
Maco Corp 1345 Henry St Huntington Ind Metalcraft Screen Co 1171 Tremont St Boston 30 Mass
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
National Mirror Works 1925 Kishwaukee St Rockford Ill
Orange Div Eagle-Picher Co American Bldg Cincinnati Ohio
REYNOLDS METALS CO BUILDING PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
Rudiger-Lang Co 310 International Trade Mart New Orleans La
RUDIGER-LANG CO 2701 8TH ST BERKELEY 10 CALIF
Screens & Fabricated Metals Corp 3323 Paterson Rd N Bergen NJ
Security Sash & Screen Co 385 Midland Detroit 3 Mich
Southern Metal Prods Corp 921 Rayner Memphis 8 Tenn
Steel Window Prods Co 550 Nassau Rd Roosevelt LI NY
Stewart Screen Co 32 S Raymond Ave Pasadena 1 Calif
Superior Window Co 5390 NW 37th Ave Miami Fla
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
Universal Fabricators 1785-1829 Boone Ave New York 60 NY
V-Seal Corp 1300 Batavia Rd Royal Oak Mich
Vulcan Metal Prods 2801 Sixth Ave S Birmingham Ala

Wagner Awning & Mfg Co Scranton & Barber Cleveland 1 Ohio
Wilson (L S) Mfg Co 7421 S Loomis Blvd Chicago 36 Ill
Winsulite Mfg Co The 725 N Central Ave Baltimore 2 Md

▶ WINDOW SCREENS, ROLLING

Barnhart (A W) Co 140 Highland St Port Chester NY
Kane Mfg Corp PO Box 641 Kane Pa
Keystone Wire Cloth Co Factory Street Hanover Pa
Lockhart Mfg Corp 6350 E Davison Ave Detroit 12 Mich
Metalcraft Screen Co 1171 Tremont St Boston 30 Mass
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
ROLSCREEN CO PELLA IOWA
Rudiger-Lang Co 310 International Trade Mart New Orleans La
RUDIGER-LANG CO 2701 8TH ST BERKELEY 10 CALIF
Rylock Co Ltd 2485 Washington Ave San Leandro Calif
Steel Window Prods Co 550 Nassau Rd Roosevelt LI NY

▶ WINDOW SCREENS, STEEL FRAME

Adams Co The PO Box 268 Dubuque Iowa
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN SCREEN PRODS CO 807 NW 20TH ST MIAMI 37 FLA
Atkinson Mfg Co 602-14 S James Ludington Mich
Barnhart (A W) Co 140 Highland St Port Chester NY
CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 36 MICH
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
Coppo Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
Croft Steel Prods Inc 10 Market St Jamestown NY
Dennis (W J) & Co 4444 Irving Park Rd Chicago 41 Ill
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
Fentron Industries Inc 2801 Market St Seattle 7 Wash
Hollater Coll Spring Mfg Co Avalon & Florence Los Angeles Calif
HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY
Kane Mfg Corp PO Box 641 Kane Pa
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
Keystone Wire Cloth Co Factory St Hanover Pa
Lato Prods Co 909 New Boston Rd Texarkana Tex
Malibu Mfg Corp 8438 Melrose Ave Los Angeles 48 Calif
Mesker Bros 6th Poplar & 7th St Louis 2 Mo
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
National Mirror Works 1925 Kishwaukee St Rockford Ill
NEW MONARCH MACHINE & STAMPING CO 466 SW NINTH ST DES MOINES 9 IOWA
REYNOLDS METALS CO BUILDING PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
Rudiger-Lang Co 310 International Trade Mart New Orleans La
RUDIGER-LANG CO 2701 8TH ST BERKELEY 10 CALIF
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
Stewart Screen Co 32 S Raymond Ave Pasadena 1 Calif
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO
Universal Fabricators 1785-1829 Boone Ave New York 60 NY

▶ WINDOW SCREENS, SUN-REFLECTING

B & W Enterprises 3521 Sweetwood St Houston 19 Tex
Barnhart (A W) Co 140 Highland St Port Chester NY
DE VAC INC 5901 WAYZATA BLVD MINNEAPOLIS MINN
Flex-O-Glass Inc 1100 N Cicero Ave Chicago 51 Ill
KAISER ALUMINUM & CHEMICAL SALES CORP 1924 BROADWAY OAKLAND 12 CALIF

Kaufmann Corp 17210 Gable St Detroit 12 Mich
REFLECTAL CORP SUBSIDIARY BORG-WARNER CORP 310 S MICHIGAN AVE CHICAGO 4 ILL
RUDIGER-LANG CO 2701 8TH ST BERKELEY 10 CALIF
Stewart Screen Co 32 S Raymond Ave Pasadena 1 Calif
US Mengel Plywoods Inc PO Box 1612 Louisville 1 Ky

▶ WINDOW SCREENS, WOOD FRAME

CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
CONTINENTAL SCREEN CO 1323 BOOK BLDG DETROIT 25 MICH
CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA
Detjen Corp Electrocutting Fly Screen Div Skidmore Rd Pleasant Valley NY
Farley & Loetscher Mfg Co Dubuque Iowa
Goshen Sash & Door Co E Purl Goshen Ind
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Hurd Millwork Corp Medford Wis
Ideal Co 24th & Mary Sta Waco Tex
Keystone Wire Cloth Co Factory St Hanover Pa
Kinzu Pine Mills Co Kinzu Ore
Marquart Millwork Co 50 Ceape St Oshkosh Wis
Morgan Sash & Door Co 2287 Blue Island Ave Chicago 8 Ill
National Screen Co Inc Madison Ave Extended Suffolk Va
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
Rose (D M) & Co Rose Pl Knoxville 4 Tenn
Schumacher (F E) Co 200 Mill St Hartsville Ohio
Segelke & Kohlhaus Co 600 S Second St La Crosse Wis
WABASH SCREEN DOOR CO 310 S MICHIGAN AVE CHICAGO 4 ILL
Wesler-Osgood Co Box 1629 Tacoma 1 Wash
Winsulite Mfg Co The 725 N Central Ave Baltimore 2 Md

▶ WINDOW SILLS & STOOLS, METAL

Accurate Metal Weatherstrip Co 216 E 26th St New York 10 NY
Aetna Steel Prods Corp 730 Fifth Ave New York 19 NY
ALUMINUM CO OF AMERICA 1501 ALCOA BLDG PITTSBURGH 19 PA
Blum (Julius) & Co Inc Carlsstadt NJ
Braun (J G) Co 637 W 35th St New York 1 NY
BUILDERS MFG CO 1514 BROWN-MARX BLDG BIRMINGHAM ALA
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
Fentron Industries Inc 2801 Market St Seattle 7 Wash
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
Knapp Bros Mfg Co 16 E 72nd St Cincinnati 16 Ohio
Mesker Bros 6th Poplar & 7th St Louis 2 Mo
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

▶ WINDOW STOOLS, LAMINATE COVERING

Colotype Tyle-Bord Inc 975 John St Seattle 9 Wash

▶ WINDOW SURROUNDS, STEEL

BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO
BUILDERS MFG CO 1514 BROWN-MARX BLDG BIRMINGHAM ALA
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY
Knapp Bros Mfg Co 16 E 72nd St Cincinnati 16 Ohio
Maco Corp 1345 Henry St Huntington Ind
Mesker Bros 6th Poplar & 7th St Louis 2 Mo
ONE-DER FRAME CORP 1332 N 37TH PL BIRMINGHAM 3 ALA
Republic Steel Co 1750 Army St San Francisco Calif
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO



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Tub Enclosures

Many advantages of a cabinet at a fraction of the cost! La Bain Enclosures can be installed in about 20 minutes. The water stays in, drafts stay out. Width easily fitted to a standard 5' tub. Beautiful ribbed aluminum frame is rust-proof, light, easy to handle. Overhead roller suspension. Snug-fitting, doors slide full width left or right for bathing children or cleaning tub. Choice of Fibre Glass or Glass—fluted, lovely etched designs, translucent glaze or clear. For Spec Sheet and quantity discounts, write to address below.

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Ez-Way disappearing stairways

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MODEL 18 AND MODEL 178—
folding stairways.
For rough opening 26"x54"; ceiling
height 7' to 9'.

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A low cost unit for finished
opening 24"x36"; maximum
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For any opening 18" or wider;
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quires no alteration for the exist-
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Well known for easy
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some, modern appear-
ance. Disappear com-
pletely. Smooth ac-
tion and balanced
controls, no counter-
weights. Premium
materials used for
sturdiest construc-
tion. Packaged com-
plete and ready to
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Write for name of nearest distributor

EZ-WAY SALES, INC.

St. Paul Park, Minn.

See list of jobbers
in "Where To Buy It"
Section.



**Plumb
Straight
Bostwick
door and
window
casings
cut builders'
costs**

Mr. Builder, you can cut door and window trim by 50% and give your customers fire-safe construction too by using plumb straight Bostwick Metal Door and Window Casings. Screenshot and trim are combined in one piece—you have just one installation operation. Nailing flanges are pre-punched and spring-bent for fast, tight fit on all frame openings. Bostwick casings give your customers these added advantages: rooms that are larger in appearance and smart, clean, contemporary lines.

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Bostwick

▶ WINDOWS, ALUMINUM, GLASS LOUVRES

Air Vue Prods Corp 2649 NW 50th St Miami Fla
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
Blue Ridge Glass Corp Kingsport Tenn
CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
Clearview Louver Window Co 2625 Elm St Dallas 1 Tex
Denson Corp 1890 NE 146th St N Miami 6 Fla
Eagle-Pfeifer Co American Bldg Cincinnati 1 Ohio
KOTA PRODS INC N COUNTY RD ROCKY POINT LI NY
LIBBEY-OWENS-FORD GLASS CO 648 N MADISON AVE TOLEDO 3 OHIO
LUDMAN CORP 14190 BISCAYNE BLVD N MIAMI FLA
Marmet Corp PO Box 208 Wausau Wis
Metal Arts Mfg Co Inc Harwell & Oakcliff Atlanta Ga
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
National Mirror Works 1925 Kishwaukee St Rockford Ill
Orange Div Eagle-Pfeifer Co American Bldg Cincinnati Ohio
Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
RUSSELL (F C) CO 1109 CHESTER AVE CLEVELAND 1 OHIO
Superior Window Co 5300 NW 37th Ave Miami Fla
Tyra (R K) Co Highway 61 Tyra Minn
Universal Corp 6716 Denton Dr Dallas Tex
Van Ness Louvre Co 8354 San Fernando Rd San Valley Calif
Wagner Awning & Mfg Co Scranton & Barber Cleveland 1 Ohio
WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA

▶ WINDOWS, AWNING, METAL

Air Vue Prods Corp 2649 NW 50th St Miami Fla
All-Lite Metal Window Co Box 11 Bristol Pa
Alwintite Div General Bronze Corp Garden City NY
Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
Brown & Grist Inc 112 Todd's Lane Warwick Va
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
Clearview Louver Window Co 2625 Elm St Dallas 1 Tex
Croft Steel Prods Inc 10 Market St Jamestown NY
Denson Corp 1890 NE 146th St N Miami 6 Fla
Decatur Iron & Steel Co 2nd St W Decatur Ala
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
Fentron Industries Inc 2801 Market St Seattle 7 Wash
FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA
GATE CITY SASH & DOOR CO 15 SW THIRD AVE FORT LAUDERDALE FLA
Harris Inc 209 E Long St Columbus Ohio
KOTA PRODS INC N COUNTY RD ROCKY POINT LI NY
LEONARD (R B) INC 3553 NW 50TH ST MIAMI FLA
Menker Bros 8th Poplar & 7th St Louis 2 Mo
Metal Trima Inc PO Box 1072 Youngstown 1 Ohio
Miami Window Corp 5200 NW 37th Ave Miami Fla
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
National Mirror Works 1925 Kishwaukee St Rockford Ill
ONE-DER FRAME CORP 1232 N 37TH PL BIRMINGHAM 3 ALA
Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
Ron-Del Inc Reserve Loan Bldg Dallas Tex
RUSSELL (F C) CO 1109 CHESTER AVE CLEVELAND 1 OHIO
Southern Sash Sales & Supply Co 818 20th St Sheffield Ala
Stewart Iron Works Inc PO Box 1039 Cincinnati 1 Ohio
SUPER-VENT CO 905 W NORTH AVE CHICAGO ILL
Superior Window Co 5300 NW 37th Ave Miami Fla
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
Trim-Set Corp 2801 Market St Seattle 7 Wash
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1650 ALBERT ST YOUNGSTOWN 1 OHIO
Tru-Seal Window Div Industrial Machine Tool Co 301 E Oak St Fenton Mich
Universal Window Co 950 Parker St Berkeley 10 Calif

Wagner Awning & Mfg Co Scranton & Barber Cleveland 1 Ohio
WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA
Wolfe Prods Inc 71 Elinor Ave Akron 5 Ohio

▶ WINDOWS, AWNING, WOOD

ANDERSEN CORP BAYPORT MINN
Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
Buckeye Screen & Weatherstrip Co 1878 S 22nd St Columbus 9 Ohio
Builders Prods Inc 7555 Bessemer Cleveland Ohio
CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
Cole Mfg Co PO Box 2657 Memphis 2 Tenn
CURTIS COB INC 1200 S SECOND AVE CLINTON IOWA
Fabrow Mfg Inc 7208 Douglas Rd Toledo Ohio
Farley & Loetscher Mfg Co Dubuque Iowa
Fox Bros Mfg Co 2717 Sidney St St Louis 4 Mo
GATE CITY SASH & DOOR CO 15 SW THIRD AVE FORT LAUDERDALE FLA
GENERAL WOODCRAFT CO INC 3323 PAT-ERSON RD N BERGEN NJ
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Hurd Millwork Corp Medford Wis
Ideal Co 24th & Mary Sts Waco Tex
LONG-BELL LUMBER CO 926-S GRAND AVE KANSAS CITY 6 MO
MALTA MFG CO 35 ELLIOTT ST MALTA OHIO
Ohio Plate Glass Co 305 Morris St Toledo 4 Ohio
R O W Sales Co 1365 Academy Ferndale 20 Mich
ROLSCREEN CO PELLA IOWA
Segeike & Kohlhaus Co 600 S Second St La Crosse Wis
Silbert Co The 100 Thomas St Wausau Wis
Superior Window Co 5300 NW 37th Ave Miami Fla
WADSWORTH INC 2949 CHRYSLER RD KANSAS CITY KAN
Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa
Wolfe Prods Inc 71 Elinor Ave Akron 5 Ohio
WOODCO CORP 3590 NW 71ST ST MIAMI 47 FLA

▶ WINDOWS, BARN, STEEL

Adams Co The PO Box 268 Dubuque Iowa
Barber Corrugating Co 1801 West Ave S La Crosse Wis
CECO STEEL PRODS CORP 5601 W 28TH ST CHICAGO 50 ILL
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
Clay Equipment Corp 23 Builder St Cedar Falls Iowa
Copco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
Croft Steel Prods Inc 10 Market St Jamestown NY
Decatur Iron & Steel Co 2nd St W Decatur Ala
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
Federal Windows Inc PO Box 60 Waukesha Wis
HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY
Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill
James Mfg Co Fort Atkinson Wis
Kaptur (Joseph J) & Co 121st & 90th Sts Palos Park Ill
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
Louden Machinery Co 1120 Broadway Fairfield Iowa
Menker Bros 8th Poplar & 7th St Louis 2 Mo
National Mirror Works 1925 Kishwaukee St Rockford Ill
Ney Mfg Co 948 High Ave SW Canton 4 Ohio
Olson Mfg Co 620-24 S Broadway Albert Lea Minn
Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
RUSSELL (F C) CO 1109 CHESTER AVE CLEVELAND 1 OHIO
Starline Inc 300 W Front St Harvard Ill
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1650 ALBERT ST YOUNGSTOWN 1 OHIO
VENTO STEEL PRODS CO INC 259 COLORADO AVE BUFFALO 15 NY

▶ WINDOWS, BARN, WOOD

ANDERSEN CORP BAYPORT MINN
Burke Millwork Co Fremont Bridge Seattle 3 Wash

CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
Cole Mfg Co PO Box 2657 Memphis 2 Tenn
CURTIS COB INC 1200 S SECOND AVE CLINTON IOWA
Farley & Loetscher Mfg Co Dubuque Iowa
Goshen Sash & Door Co E Purl Goshen Ind
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
Hurd Millwork Corp Medford Wis
Huttig Mfg Co Muscatine Iowa
LONG-BELL LUMBER CO 926-S GRAND AVE KANSAS CITY 6 MO
Marquart Millwork Co 50 Ceape St Oshkosh Wis
Midwest Jobbers Inc 3300-08 S Racine Chicago 8 Ill
Moran Co 520 Oregon St Oshkosh Wis
Morgan Sash & Door Co 2287 Blue Island Ave Chicago 8 Ill
National Screen Door Co PO Box 1887 Montgomery 3 Ala
Northern Sash & Door Co Hawkins Wis
Northwest Door Co PO Box 1477 Tacoma 1 Wash
Roach & Musser Co Muscatine Iowa
Roberson (A) & Son Inc PO Box 111 Binghamton NY
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
Segeike & Kohlhaus Co 600 S 2nd St La Crosse Wis
Silbert Co The 100 Thomas St Wausau Wis
Spokane Sash & Door Co PO Box Spokane Wash
WABASH SCREEN DOOR CO 316 S MICHIGAN AVE CHICAGO 4 ILL
White Pine Sash Co E 4005 Broadway Spokane Wash

▶ WINDOWS, BASEMENT, ALUMINUM

Adams Co The PO Box 268 Dubuque Iowa
Alcasco Prods Inc 1780 Creston St Muskegon Mich
ALFA MFG CO CHERRY & JAMES STS E HARTFORD CONN
Alwintite Div General Bronze Corp Garden City NY
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
Compo Miracle Prods Co 15221 W 11 Mile Rd Berkeley Mich
Croft Steel Prods Inc 10 Market St Jamestown NY
Feather-Lite Mfg Co 15889 Schaefer Detroit 27 Mich
Fentron Industries Inc 2801 Market St Seattle 7 Wash
Kaufmann Corp 17210 Gable St Detroit 12 Mich
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
Mueller Brass Co 1925 Lapeer Ave Port Huron Mich
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
National Mirror Works 1925 Kishwaukee St Rockford Ill
Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
RUSSELL (F C) CO 1109 CHESTER AVE CLEVELAND 1 OHIO
Southern Sash Sales & Supply Co 818 20th St Sheffield Ala
Superior Window Co 5300 NW 37th Ave Miami Fla
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
Valley Metal Prods Co Bridge St Plainwell Mich
WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA
Weather-Proof Co 1409 E 40th St Cleveland Ohio
Windalume Corp Route 46 Kenil NJ

▶ WINDOWS, BASEMENT, STEEL

Adams Co The PO Box 268 Dubuque Iowa
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
Bogert & Carough Co Washington Ave Paterson NJ
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
CLEVELAND STEEL SPECIALTY CO 3771 E 91ST ST CLEVELAND 5 OHIO
Decatur Iron & Steel Co 2nd St W Decatur Ala
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
Fentron Industries Inc 2801 Market St Seattle 7 Wash
FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA
Fries & Son Steel Construction & Engineering Co Covington Ky

HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY
 International Steel Co 1321 Edgar St Evansville 7 Ind
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
MAJESTIC CO HALL ST HUNTINGTON IND
 National Mirror Works 1925 Kishwaukee St Rockford Ill
NEW MONARCH MACHINE & STAMPING CO 406 SW NINTH ST DES MOINES 9 IOWA
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
VENTO STEEL PRODS CO INC 250 COLORADO AVE BUFFALO 15 NY

▶ WINDOWS, BASEMENT, WOOD

ANDERSEN CORP BAYPORT MINN
 Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
 Angel Novelty Co 340 Broad St Fitchburg Mass
 Burke Millwork Co Fremont Bridge Seattle 3 Wash
CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
 Cole Mfg Co PO Box 2657 Memphis 2 Tenn
CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA
 Etling Windows 24 Huston St Barberton Ohio
 Farley & Loetscher Mfg Co Dubuque Iowa
GENERAL WOODCRAFT CO INC 3323 PATERSON RD NORTH BERGEN NJ
 Goshen Sash & Door Co E Purl Goshen Ind
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
 Hurd Millwork Corp Medford Wis
 Huttig Mfg Co Muscatine Iowa
 Kinzua Pine Mills Co Kinzua Ore
LONG-BELL LUMBER CO 326-8 GRAND AVE KANSAS CITY 6 MO
 Long Lake Lumber Co Spokane Wash
 Marquart Millwork Co 50 Caspe St Oshkosh Wis
 Morgan Co 520 Oregon St Oshkosh Wis
MORGAN-WIGHTMAN SUPPLY CO 1541 SALZMAN ST LOUIS MO
 Northern Sash & Door Co Hawkins Wis
 Northwest Door Co PO Box 1477 Tacoma 1 Wash
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Roach & Musser Co Muscatine Iowa
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
ROLSCREEN CO PELLA IOWA
 Secelka & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Silerest Co The 100 Thomas St Wausau Wis
WABASH SCREEN DOOR CO 310 S MICHIGAN AVE CHICAGO 4 ILL
 Weather-Seal Inc 24 Huston St Barberton Ohio
 White Pine Sash Co E 4005 Broadway Spokane Wash

▶ WINDOWS, BASEMENT & UTILITY, STEEL

Adams Co The PO Box 268 Dubuque Iowa
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
 Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
 Clay Equipment Corp 23 Builder St Cedar Falls Iowa
 Copco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
 Croft Steel Prods Inc 10 Market St Jamestown NY
 Decatur Iron & Steel Co 2nd St W Decatur Ala
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
DONLEY BROS CO 13910 MILES AVE CLEVELAND 5 OHIO
 Federal Windows Inc PO Box 60 Waukesha Wis
FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 25 PA
 Gabriel Steel Co 13700 Sherwood St Detroit 12 Mich
HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY
 Kaptur (Joseph J) & Co 121st & 90th Sts Palos Park Ill
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
MAJESTIC CO HALL ST HUNTINGTON IND
 Mesker Bros 6th Poplar & 7th St Louis 2 Mo

Modern Stainless Specialties Div Modern Electric Laboratories 138th & Chatham St Blue Island Ill
 National Mirror Works 1925 Kishwaukee St Rockford Ill
NEW MONARCH MACHINE & STAMPING CO 406 SW NINTH ST DES MOINES 9 IOWA
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
 Republic Steel Co 1750 Army St San Francisco Calif
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
 Soule Steel Co 1750 Army St San Francisco 24 Calif
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
VENTO STEEL PRODS CO INC 250 COLORADO AVE BUFFALO 15 NY

▶ WINDOWS, CASEMENT, ALUMINUM

A B C Steel Equipment Co 211 E 22nd St New York NY
 A B C Steel Equipment Co 17th & First Ave Tampa 5 Fla
 Alcaesco Prods Inc 1780 Creaton St Muskegon Mich
 All-Lite Metal Window Co Box 11 Bristol Pa
 Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Aluminum Home Prods Co Carr St at Southern Ry Knoxville Tenn
 Aluminum Prods Co 1901 Franklin Ave Houston Texas
 Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
 Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
 Croft Steel Prods Inc 10 Market St Jamestown NY
 Eagle-Picher Co American Bldg Cincinnati 1 Ohio
 Feather-Lite Mfg Co 15889 Schaefer Detroit 27 Mich
 Fentron Industries Inc 2801 Market St Seattle 7 Wash
 Flour City Ornamental Iron Co 2635 27th Ave S Minneapolis 6 Minn
FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 25 PA
 Folmer (R H) Co 205 E Riverside Dr Austin Texas
GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY
 Harris Inc 200 E Long St Columbus Ohio
 Holister Coil Spring Mfg Co Avalon & Florence Los Angeles Calif
 Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
 Macco Corp 1345 Henry St Huntington Ind
 Marmet Corp PO Box 208 Wausau Wis
 Mesker Bros 6th Poplar & 7th St Louis 2 Mo
 Metal Arts Mfg Co Inc Harwell & Oakcliff Atlanta Ga
 Mueller Brass Co 1925 Lapeer Ave Port Huron Mich
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
 National Mirror Works 1925 Kishwaukee St Rockford Ill
 Orange Div Eagle-Picher Co American Bldg Cincinnati Ohio
REYNOLDS METALS CO BUILDING PRODS DIV 2001 S NINTH ST LOUISVILLE 1 KY
 Safeco Window Hardware Corp 121-127 30th St Brooklyn 32 NY
 Soule Steel Co 1750 Army St San Francisco 24 Calif
 Southern Sash Sales & Supply Co 818 20th St Sheffield Ala
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
 Storms (Albert) & Co 101 Park Ave New York 17 NY
 Superior Window Co 5300 NW 37th Ave Miami Fla
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
 Timm Industries Inc 5245 San Fernando Los Angeles 39 Calif
 Trim-Set Corp 2901 Market St Seattle 7 Wash
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO
 Universal Corp 8710 Denton Dr Dallas Texas
 Universal Window Co 950 Parker St Berkeley 10 Calif
 V-Seal Corp 1300 Batavia Rd Royal Oak Mich
 Valley Metal Prods Co Bridge St Plainwell Mich
 Wagner Iron Wks 1905 S 1st St Milwaukee 1 Wis
WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA

▶ WINDOWS, CASEMENT, STEEL

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
BAYLEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
 Challenger Prods Inc Hammond & Gregg St Carnegie Pa
 Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
 Copco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
 Croft Steel Prods Inc 10 Market St Jamestown NY
 Decatur Iron & Steel Co 2nd St W Decatur Ala
DETROIT STEEL PRODS CO 2250 E GRAND BLVD DETROIT 11 MICH
 Federal Windows Inc PO Box 60 Waukesha Wis
 Fentron Industries Inc 2801 Market St Seattle 7 Wash
FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 25 PA
HOPE'S WINDOWS INC 84 HOPKINS AVE JAMESTOWN NY
 International Steel Co 1321 Edgar St Evansville 7 Ind
 Kaptur (Joseph J) & Co 121st & 90th Sts Palos Park Ill
 Mesker Bros 6th Poplar & 7th St Louis 2 Mo
 Mesker (George L) Steel Corp 400 NW First St Evansville 8 Ind
 Michel & Pfeffer Iron Works Inc 212 Shaw Rd San Francisco Calif
 National Mirror Works 1925 Kishwaukee St Rockford Ill
ONE-DER FRAME CORP 1232 N 37TH PL BIRMINGHAM 3 ALA
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
 Republic Steel Co 1750 Army St San Francisco Calif
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
 Safety Window Hardware Corp 121-127 30th St Brooklyn 32 NY
 Soule Steel Co 1750 Army St San Francisco 24 Calif
 Steel Window Prods Co 550 Nassau Rd Roosevelt LI NY
STEELCRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO
VENTO STEEL PRODS CO INC 250 COLORADO AVE BUFFALO 15 NY
 Williams & Williams Prods Corp 326-28 E 44th St New York 17 NY

▶ WINDOWS, CASEMENT, WOOD

American Sash & Door Co 16th & Bellefontaine Kansas City 1 Mo
ANDERSEN CORP BAYPORT MINN
 Biles-Corpe Lumber Co Omak Wash
BROWN-GRAVES 191-5 MILLER AVE AKRON 1 OHIO
 Builders Prods Inc 7555 Bessemer Cleveland Ohio
 Burke Millwork Co Fremont Bridge Seattle 3 Wash
CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
 Cole Mfg Co PO Box 2657 Memphis 2 Tenn
CURTIS COMPANIES INC 1200 S SECOND AVE CLINTON IOWA
 Farley & Loetscher Mfg Co Dubuque Iowa
GENERAL WOODCRAFT CO INC 3323 PATERSON RD N BERGEN NJ
 Goshen Sash & Door Co E Purl Goshen Ind
 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
 Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
 Hurd Millwork Corp Medford Wis
 Huttig Mfg Co Muscatine Iowa
 Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
 Kinzua Pine Mills Co Kinzua Ore
 Marquart Millwork Co 50 Caspe St Oshkosh Wis
 Morgan Co 520 Oregon St Oshkosh Wis
 Morgan Sash & Door Co 2287 Blue Island Ave Chicago 8 Ill
 Northern Sash & Door Co Hawkins Wis
 Northwest Door Co PO Box 1477 Tacoma 1 Wash
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Pullum Window Corp 12950 Lyndon Ave Detroit 27 Mich
 Quigley (J R) Co Gloucester City NJ
 Roach & Musser Co Muscatine Iowa
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
ROLSCREEN CO PELLA IOWA
 Secelka & Kohlhaus Co 600 S 2nd St La Crosse Wis
 Silerest Co The 100 Thomas St Wausau Wis

Snodden (Frank C) & Co Inc 3531 N 94th St Philadelphia 40 Pa
Spokane Sash & Door Co PO Box 63 Spokane Wash
WADSWORTH INC 2949 CHRYSLER RD KANSAS CITY KAN
White Pine Sash Co E 4005 Broadway Spokane Wash

▶ WINDOWS, COMBINATION SCREEN & STORM SASH, ALUMINUM

Adam Co The PO Box 268 Dubuque Iowa
Allied Metal Inc 14 Hamilton St New London Conn
Also Inc 260 S Forge Box 270 Akron 8 Ohio
Alto Mfg Co 1647 W Wolfram Chicago 13 Ill
ALUMATIC CORP OF AMERICA 2081 S 54TH ST MILWAUKEE 14 WIS
Alwintite Div General Bronze Corp Garden City NY
Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
Angel Novelty Co 340 Broad St Fitchburg Mass
B & W Enterprises 3521 Sweetwood St Houston 19 Texas
Barnhart (A W) Co 140 Highland St Port Chester NY
Buckeye Screen & Weatherstrip Co 1378 S 22nd St Columbus 6 Ohio
Burrows Corp 70 Free St Portland Maine
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 56 ILL
Challenger Prods Inc Hammond & Gregg St Carnegie Pa
CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
Clark Babbitt Industries 75 Federal Boston 10 Mass
Compo Miracle Prods Co 15221 W 11 Mile Rd Berkley Mich
DE VAC INC 5901 WAYZATA BLVD MINNEAPOLIS MINN
Diamond Building Prods Corp 3650 E 93rd St Cleveland Ohio
Eagle-Picher Co American Bldg Cincinnati 1 Ohio
Feather-Lite Mfg Co 15889 Schaefer Detroit 27 Mich
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Hess Mfg Co Quincy Pa
Hollister Coil Spring Mfg Co Avalon & Florence Los Angeles Calif
Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo
Ingersoll Prods Div Borg-Warner Corp 310 S Michigan Ave Chicago 4 Ill
Kaufmann Corp 17210 Gable St Detroit 12 Mich
KOTA PRODS INC N COUNTY RD ROCKY POINT LI NY
McKinley (Orman O) Co 4530 N Keystone Ave Indianapolis 5 Ind
Metalcraft Screen Co 1171 Tremont St Boston 20 Mass
Mueller Brass Co 1925 Lapeer Ave Port Huron Mich
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
National Mirror Works 1925 Kishwaukee St Rockford Ill
Orange Div Eagle-Picher Co American Bldg Cincinnati Ohio
R O W Sales Co 1365 Academy Ferndale 20 Mich
Rex Windows Inc 515 Bonham Ave Columbus 3 Ohio
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
Samson Prods Co 3219 Armitage Ave Chicago 47 Ill
Screens & Fabricated Metals Corp 3323 Paterson Rd North Bergen NJ
Security Sash & Screen Co 385 Midland Detroit 3 Mich
Spanjers (A J) Co 5800 N Lilac Dr Minneapolis Minn
Steel Window Prods Co 550 Nassau Rd Roosevelt LI NY
Superior Window Co 5300 NW 37th Ave Miami Fla
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
V-Seal Corp 1300 Batavia Rd Royal Oak Mich
WABASH SCREEN DOOR CO 310 S MICHIGAN AVE CHICAGO 4 ILL
Wagner Awning & Mfg Co Scranton & Barber Cleveland 1 Ohio
WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA
Weather-Proof Co 1409 E 40th St Cleveland 3 Ohio
Weather-Seal Inc 24 Huston St Barberton Ohio
Winstrom Mfg Corp 15-32 127th St College Point NY
Winulite Mfg Co The 725 N Central Ave Baltimore 2 Md
WINTER SEAL CORP 14573 MEYERS RD DETROIT 27 MICH

▶ WINDOWS, COMBINATION SCREEN & STORM SASH, STEEL

Adams Co The PO Box 268 Dubuque Iowa
Barnhart (A W) Co 140 Highland St Port Chester NY
CHAMBERLIN CO OF AMERICA 1254 LA-BROSSE ST DETROIT 26 MICH
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
Compo Miracle Prods Co 15221 W 11 Mile Rd Berkley Mich
Copeco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
Diamond Building Prods Corp 3650 E 93rd St Cleveland Ohio
GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY
Ingersoll Prods Div Borg-Warner Corp 310 S Michigan Ave Chicago 4 Ill
Kane Mfg Corp PO Box 641 Kane Pa
Kaptur (Joseph J) & Co 121st & 90th Sts Falos Park Ill
Kaufmann Corp 17210 Gable St Detroit 12 Mich
Michel & Pfeffer Iron Works Inc 212 Shaw Rd San Francisco Calif
National Mirror Works 1925 Kishwaukee St Rockford Ill
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
State Storm Windows Co Inc 131 Shomard St Syracuse NY
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

▶ WINDOWS, COMBINATION SCREEN & STORM SASH, WOOD

ANDERSEN CORP BAYPORT MINN
Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
Anson & Gilkey Co Merrill Wis
BROWN-GRAVES CO 191-5 MILLER AVE AKRON 1 OHIO
Buckeye Screen & Weatherstrip Co 1378 S 22nd St Columbus 6 Ohio
Burke Millwork Co Fremont Bridge Seattle 3 Wash
CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
CURTIS COS INC 1200 S SECOND AVE CLINTON IOWA
Farley & Lotzner Mfg Co Dubuque Iowa
GENERAL WOODCRAFT CO INC 3323 PATERSON ROAD NORTH BERGEN NJ
Goshen Sash & Door Co E Purl Goshen Ind
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Hurd Millwork Corp Medford Wis
Huttig Mfg Co Muscatine Iowa
JAMAICA SASH & DOOR CO 1455 JERICHO TURNPIKE NEW HYDE PARK NY
Marquart Millwork Co 50 Ceape St Oakkosh Wis
Northern Sash & Door Co Hawkins Wis
Phenix Mfg Co 4129 N Port Washington Milwaukee 11 Wis
Prentice (F W) & Co 430 N Dean St Adrian Mich
Roberson (A) & Son Inc PO Box 111 Binghamton NY
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
Schumacher (F E) Co 200 Mill St Hartsville Ohio
Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
Silent Co The 100 Thomas St Wausau Wis
Spokane Sash & Door Co PO Box 63 Spokane Wash
WABASH SCREEN DOOR CO 310 S MICHIGAN AVE CHICAGO 4 ILL
Weather-Seal Inc 24 Huston St Barberton Ohio
Window Conditioning Co 32 Brown St Barberton Ohio

▶ WINDOWS, DOUBLE-GLAZED, HERMETICALLY SEALED

Adams & Westlake Co Safford St Elkhart Ind
Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
Buckeye Screen & Weatherstrip Co 1378 S 22nd St Columbus 6 Ohio
CARR ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
Kesko Prods Inc PO Box 98 Bristol Ind
LIBBEY-OWENS-FORD GLASS CO NICHOLAS BLDG TOLEDO 3 OHIO
Maco Corp 1345 Henry St Huntington Ind
National Mirror Works 1925 Kishwaukee St Rockford Ill
Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
Superior Window Co 5300 NW 37th Ave Miami Fla
Silent Co The 100 Thomas St Wausau Wis
WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA

▶ WINDOWS, DOUBLE-HUNG, ALUMINUM

Adams & Westlake Co Safford St Elkhart Ind
ALDA MFG CO CHERRY & JAMES STS E HARTFORD CONN
Also Inc 260 S Forge Box 270 Akron 8 Ohio
Alto Mfg Co Inc 125 Industrial Rd Summerville SC
Altex Engineering Co 751 Chestnut St NW Atlanta Ga
Alwintite Div General Bronze Corp Garden City NY
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 56 ILL
CINCINNATI FLY SCREEN DIV RUSSELL (F C) CO UNION COMMERCE BLDG CLEVELAND OHIO
Clark-Babbitt Industries 75 Federal Boston 10 Mass
Cupples Prods Corp 2650 S Hanley Rd St Louis 17 Mo
DE VAC INC 5901 WAYZATA BLVD MINNEAPOLIS MINN
FLEET OF AMERICA INC 110 PEARL ST BUFFALO 2 NY
Flour City Ornamental Iron Co 2635 27th Ave S Minneapolis 6 Minn
FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA
Gall Reversible Window Co Aurora & Cannon Rd Bedford Ohio
GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY
Hollister Coil Spring Mfg Co Avalon & Florence Los Angeles Calif
Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo
Kaufmann Corp 17210 Gable St Detroit 12 Mich
KOTA PRODS INC N COUNTY RD ROCKY POINT LI NY
Marmet Corp PO Box 208 Wausau Wis
Metal Arts Mfg Co Inc Harwell & Oakcliff Atlanta Ga
Mueller Brass Co 1925 Lapeer Ave Port Huron Mich
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
National Mirror Works 1925 Kishwaukee St Rockford Ill
Paramount Casement Window Corp 180-11 Jamaica Jamaica 3 NY
Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa
PER-FIT PRODS CORP 1200 E 52ND ST INDIANAPOLIS 5 IND
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
Safety Window Hardware Corp 121-127 30th St Brooklyn 32 NY
Southern Sash Sales & Supply Co 818 20th St Sheffield Ala
STEELE-CRAFT MFG CO 9017 BLUE ASH RD ROSSMOYNE OHIO
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
Weather-Proof Co 1409 E 40th St Cleveland 3 Ohio
Windalume Corp Route 46 Kenvil NJ
Window Corp of America 3835 9th St New York 31 NY
Wiseco Aluminum Corp 3945 "A" St Detroit Mich

▶ WINDOWS, DOUBLE-HUNG, SAFETY

RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
Safety Window Hardware Corp 121-127 30th St Brooklyn 32 NY

▶ WINDOWS, DOUBLE-HUNG, STEEL

Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
Pomroy (S H) Co Inc 25 Bruckner Blvd New York 64 NY
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
Steel Window Prods Co 550 Nassau Road Roosevelt LI NY
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO

▶ WINDOWS, DOUBLE-HUNG, WOOD

Ace Seal Rite Mfg Co 26015 W Warren Rd Garden City Mich
Acme Tile & Flooring Co 159 Water St New Haven Conn
American Sash & Door Co 16th & Bellefontaine Kansas City 1 Mo
ANDERSEN CORP BAYPORT MINN

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 Burke Millwork Co Fremont Bridge Seattle 3 Wash
CARE ADAMS & COLLIER CO 11TH & JACKSON DUBUQUE IOWA
 Case Mfg Co PO Box 2557 Memphis 2 Tenn
CLERTIS COB INC 1200 S SECOND AVE CLINTON IOWA
 Dierks Forests Inc 700 Dierks Bldg Kansas City 6 Mo
 Dixon Industries 315 E Jackson Spokane Wash
 Ething Window 24 Huston St Barberton Ohio
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 Farley & Loetscher Mfg Co Dubuque Iowa
GENERAL WOODCRAFT CO INC 3323 PAT-ERSON ROAD N BERGEN NJ
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 Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
 Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
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 Huttig Mfg Co Muscatine Iowa
 Huttig Sash & Door Co 1206 S Vanderventer St Louis 10 Mo
 Hyde-Murphy Co Murphy Bldg Ridgway Pa
 Ideal Co 24th & Mary Sts Waco Texas
 Kinzua Pine Mills Co Kinzua Ore
 Letracon Building Prods S Broadway New York 4 NY
 Lockwood Wood Prods PO Box 338 Beaverton Ore
LONG-BELL LUMBER CO 926-S GRAND AVE KANSAS CITY 6 MO
MALTA MFG CO 35 ELLIOTT ST MALTA OHIO
 Marquart Millwork Co 50 Ceape St Oshkosh Wis
 Midwest Jobbers Inc 3309-08 S Racine Chicago 8 Ill
 Minnola White Pine Sash Co Scott and Stoddard Muscola Mont
 Morgan Co 520 Oregon St Oshkosh Wis
 Morgan Sash & Door Co 2287 Blue Island Ave Chicago 8 Ill
MORGAN-WIGHTMAN SUPPLY CO 1841 SALZMAN ST LOUIS MO
 Northern Sash & Door Co Hawkins Wis
 Northwest Door Co PO Box 1477 Tacoma 1 Wash
 Pacific Mfg Co 2610 The Alameda Santa Clara Calif
 Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
 Pullum Window Corp 12950 Lyndon Ave Detroit 27 Mich
 Quigley (J R) Co Gloucester City NJ
 R O W Sales Co 1265 Academy Ferndale 20 Mich
 Roach & Musser Co Muscatine Iowa
 Roberson (A) & Son Inc PO Box 111 Binghamton NY
 Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
 Rockwell Sales Corp 20 N Wacker Dr Chicago Ill
 Rose (D M) & Co Rose Pl Knoxville 4 Tenn
 Safety Window Hardware Corp 121-127 30th St Brooklyn 32 NY
 Seigelke & Kohlhaas Co 600 S 2nd St La Crosse Wis
 Semlings-Menke Co S Naat St Merrill Wis
 Silcrest Co The 100 Thomas St Wausau Wis
 Suedaker (Frank C) & Co Inc 3531 N 9th St Philadelphia 40 Pa
 Southern Mill & Mfg Co PO Box 1087 Tulsa 1 Okla
 Wadsworth Millwork Corp 121 W Walnut Wadsworth Ohio
 Weather-Seal Inc 24 Huston St Barberton Ohio
 Western Pine Mfg Co 315 E Jackson St Spokane 7 Wash
 White Pine Sash Co E 4005 Broadway Spokane Wash
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa

▶ WINDOWS, GLASS BLOCK & SLIDING SASH

Allan Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
 Cadillac Glass Co 2100 S Peoria St Chicago 8 Ill
 Marmet Corp PO Box 208 Wausau Wis
 National Mirror Works 1925 Kishwaukee St Rockford Ill
 Ripolite Plastics Prods Inc 3910 Cohasset St Burbank Calif
 Valley Metal Prods Co Bridge St Plainwell Mich

▶ WINDOWS, HORIZONTAL GLIDING, METAL

Alcenco Prods Inc 1780 Creston St Muskegon Mich
ALDA MFG CO CERRY & JAMES STS E HARTFORD CONN

Alwintite Div General Bronze Corp Garden City NY
 Arcadia Metal Prods 324 N Second Ave Arcadia Calif
 Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
 Copco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
DE VAC INC 5901 WAYZATA BLVD MINNEAPOLIS MINN
 Eagle-Picher Co American Bldg Cincinnati 1 Ohio
FLEET OF AMERICA INC 110 PEARL ST BUFFALO 2 NY
FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA
GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY
 Glide Windows Inc 7463 Varna Ave N Hollywood Calif
 Kenarobe Corp 18425 Parthenia St Northridge Calif
KEWANEE MFG CO 150 BURLINGTON AVE KEWANEE ILL
ROTA PRODS INC N COUNTY RD ROCKY POINT LI NY
 Metal Arts Mfg Co Inc Harwell & Oakcliff Atlanta Ga
 Metal Trims Inc PO Box 1072 Youngstown 1 Ohio
 Michel & Pfeiffer Iron Works Inc 212 Shaw Rd San Francisco Calif
 National Mirror Works 1925 Kishwaukee St Rockford Ill
 Orange Div Eagle-Picher Co American Bldg Cincinnati Ohio
PANAVIEW 13455 RAYMER ST N HOLLYWOOD CALIF
PER-FIT PRODS CORP 1200 E 52ND ST INDIANAPOLIS 5 IND
 Peterson Window Corp 1377 E 8 Mile Rd Ferndale 20 Mich
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
SELF STORING WINDOW CO INC 5901 WAYZATA BLVD MINNEAPOLIS MINN
 Slide-View Steel Door & Window Co 521 N LaCienega Blvd Los Angeles 48 Calif
 Steelbilt Inc 18001 S Figueroa Gardens Calif
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
 Vista Sliding Doors Inc 7052 Laurel Canyon N Hollywood Calif
 Vita Automatic Windows Inc 6530 Queens Blvd Woodside LI NY
 Williams Prods Co Inc 6127 Cedar Ave Philadelphia 43 Pa

▶ WINDOWS, HORIZONTAL GLIDING, WOOD

ANDERSEN CORP BAYPORT MINN
 Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
 Burke Millwork Co Fremont Bridge Seattle 3 Wash
 Goshen Sash & Door Co E Purl Goshen Ind
 Kenarobe Corp 18425 Parthenia St Northridge Calif
 Kinzua Pine Mills Co Kinzua Ore
 Morgan Co 520 Oregon St Oshkosh Wis
 Northwest Door Co PO Box 1477 Tacoma 1 Wash
 Pierson (Ernest) Co 4100 Broadway Eureka Calif
 Pullum Window Corp 12950 Lyndon Ave Detroit 27 Mich
 R O W Sales Co 1365 Academy Ferndale 20 Mich
 Silcrest Co The 100 Thomas St Wausau Wis
 Spokane Sash & Door Co PO Box 63 Spokane Wash
 Western Pine Mfg Co 315 E Jackson St Spokane 7 Wash
 White Pine Sash Co E 4005 Broadway Spokane Wash

▶ WINDOWS, LOUVRE, ALUMINUM

Air Control Prods 3601 NW 54th St Miami Fla
 Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
 Clearview Louver Window Co 2625 Elm St Dallas 4 Texas
 Eagle-Picher Co American Bldg Cincinnati 1 Ohio
 Fentron Industries Inc 2801 Market St Seattle 7 Wash
 Hollywood Louvre Window Co 3055 N California Burbank Calif
 Kaufmann Corp 17210 Gable St Detroit 12 Mich
KOTY PRODS INC N COUNTY RD ROCKY POINT LI NY
LUDMAN CORP 14100 BISCAYNE BLVD N MIAMI FLA
 Maco Corp 1345 Henry St Huntington Ind
 Midwest Louvrelite Co 2040 W Washington Chicago 12 Ill
 Mueller Brass Co 1925 Lapeer Ave Port Huron Mich
NATIONAL ALUMINUM CO 1135 ALUM CREEK DR COLUMBUS 9 OHIO
 Orange Div Eagle-Picher Co American Bldg Cincinnati Ohio

Pro-Tect-U Jalousee Corp 4525 Ponce De Leon Coral Gables Fla
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
 Southern Sash Sales & Supply Co 818 20th St Sheffield Ala
 Superior Window Co 5300 NW 37th Ave Miami Fla
 Trim-Set Corp 2801 Market St Seattle 7 Wash
 Van Ness Louvre Co 8354 San Fernando Rd Sun Valley Calif
VENTILITE CORP 5556 BISCAYNE BLVD MIAMI 37 FLA
WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA
 Winallite Mfg Co The 725 N Central Ave Baltimore 2 Md

▶ WINDOWS, LOUVRE, STEEL

Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
 Fentron Industries Inc 2801 Market St Seattle 7 Wash
 Mesker Bros 6th Poplar & 7th St Louis 2 Mo
 Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
RUSSELL (F C) CO 1100 CHESTER AVE CLEVELAND 1 OHIO
 Stewart Iron Works Inc PO Box 1039 Cincinnati 1 Ohio
SUN SASH CO 38 PARK ROW NEW YORK 38 NY

▶ WINDOWS, PIVOTED & PROJECTED, ALUMINUM

A B C Steel Equipment Co 211 E 22nd St New York NY
 A H C Steel Equipment Co 17th & First Ave Tampa 5 Fla
 Adams Co The PO Box 268 Dubuque Iowa
 Adams & Wentlake Co Safford St Elkhart Ind
 Alcenco Prods Inc 1780 Creston St Muskegon Mich
 Altex Mfg Co Inc 125 Industrial Rd Summer-ville SC
 Aluminum Home Prods Co Carr St at Southern Ry Knoxville Tenn
BAILEY (WILLIAM) CO 1200 WARDER ST SPRINGFIELD OHIO
CECO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 50 ILL
 Cupples Prods Corp 2650 S Hanley Rd St Louis 17 Mo
 Fentron Industries Inc 2801 Market St Seattle 7 Wash
 Flour City Ornamental Iron Co 2635 27th Ave S Minneapolis 6 Minn
FLYNN MFG CO 700 E GODFREY AVE PHILADELPHIA 24 PA
 Folmar (R H) Co 205 E Riverside Dr Austin Texas
 Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
 Gall Reversible Window Co Aurora & Cannon Rd Bedford Ohio
GENERAL BRONZE CORP STEWART AVE GARDEN CITY LI NY
 Maco Corp 1345 Henry St Huntington Ind
 Marmet Corp PO Box 208 Wausau Wis
 Mesker Bros 6th Poplar & 7th St Louis 2 Mo
 National Mirror Works 1925 Kishwaukee St Rockford Ill
 Republic Steel Co 1750 Army St San Francisco Calif
 Southern Sash Sales & Supply Co 818 20th St Sheffield Ala
 Storms (Albert) & Co 101 Park Ave New York 17 NY
 Superior Window Co 5300 NW 37th Ave Miami Fla
THORN (J S) CO 8501 HEGERMAN ST PHILADELPHIA 36 PA
 Timm Industries Inc 5245 San Fernando Los Angeles 39 Calif
 Universal Window Co 950 Parker St Berkeley 10 Calif
 Valley Metal Prods Co Bridge St Plainwell Mich
WARE LABORATORIES INC 3700 NW 25TH ST MIAMI FLA



Wiconain Face Brick & Supply Co 4485 N Green Bay Milwaukee Wis

▶ WINDOWS, PIVOTED & PROJECTED, STEEL

Adams Co The PO Box 268 Dubuque Iowa
**BAYLEY (WILLIAM) CO 1200 WARDER ST
SPRINGFIELD OHIO**
Bogert & Carrough Co Washington Ave Paterson NJ
**CECO STEEL PRODS CORP 5601 W 26TH ST
CHICAGO 50 ILL**
Copeco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
Decatur Iron & Steel Co 2nd St W Decatur Ala
**DETROIT STEEL PRODS CO 2250 E GRAND
BLVD DETROIT 11 MICH**
Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
Federal Windows Inc PO Box 60 Waukesha Wis
Fentron Industries Inc 2801 Market St Seattle 7 Wash
**FLYNN MFG CO 700 E GODFREY AVE
PHILADELPHIA 24 PA**
Gagnon Clay Prods Co 526 S Broadway Green Bay Wis
**HOPE'S WINDOWS INC 84 HOPKINS AVE
JAMESTOWN NY**
International Steel Co 1321 Edgar St Evansville 7 Ind
Kaptur (Joseph J) & Co 121st & 90th Sts Palos Park Ill
Mesker Bros 6th Poplar & 7th St Louis 2 Mo
Mokler (George L) Steel Corp 400 NW First St Evansville 8 Ind
Michel & Pfeffer Iron Works Inc 212 Shaw Rd San Francisco Calif
Morgan Sash & Door Co 2287 Blue Island Ave Chicago 8 Ill
National Mirror Works 1925 Kishwaukee St Rockford Ill
**ONE-DER FRAME CORP 1232 N 37TH PL
BIRMINGHAM 3 ALA**
Republic Steel Co 1750 Army St San Francisco Calif
Soule Steel Co 1750 Army St San Francisco 24 Calif
Steel Window Prods Co 550 Nassau Rd Roosevelt LI NY
Stewart Iron Works Inc PO Box 1039 Cincinnati 1 Ohio
**THORN (J S) CO 8501 HEGERMAN ST
PHILADELPHIA 36 PA**
**TRUSCON STEEL DIV REPUBLIC STEEL
CORP 1650 ALBERT ST YOUNGSTOWN 1
OHIO**
**VENTO STEEL PRODS CO INC 250 COLO-
RADO AVE BUFFALO 15 NY**
Wisconsin Face Brick & Supply Co 4485 N Green Bay Milwaukee Wis

▶ WINDOWS, PIVOTED & PROJECTED, WOOD

Farley & Loetscher Mfg Co Dubuque Iowa
Hayman Window Co 4401 Race St Denver 16 Colo
Hurd Millwork Corp Medford Wis
Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
Silverest Co The 100 Thomas St Wausau Wis

▶ WINDOWS, PLASTIC, BASEMENT, BARN, CASEMENT, COMBINATION

Durethane Corp 1859 S 55th Ave Cicero 50 Ill
Plyco Corp Elkhart Lake Wis

▶ WINDOWS, ROUND, WOOD

**CARR ADAMS & COLLIER CO 11TH &
JACKSON DUBUQUE IOWA**
**CURTIS COB INC 1200 S SECOND AVE
CLINTON IOWA**
Farley & Loetscher Mfg Co Dubuque Iowa
Goshen Sash & Door Co E Purl Goshen Ind
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Webb Mfg Co 211 Main Rd Conneaut Ohio

▶ WINDOWS, SECURITY, STEEL

Adams Co The PO Box 268 Dubuque Iowa
**BAYLEY (WILLIAM) CO 1200 WARDER ST
SPRINGFIELD OHIO**
**CECO STEEL PRODS CORP 5601 W 26TH ST
CHICAGO 50 ILL**
Copeco Steel & Engineering Co 14035 Grand River Ave Detroit 27 Mich
Croft Steel Prods Inc 10 Market St Jamestown NY
Decatur Iron & Steel Co 2nd St W Decatur Ala
**DETROIT STEEL PRODS CO 2250 E GRAND
BLVD DETROIT 11 MICH**

Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
Federal Windows Inc PO Box 60 Waukesha Wis
Fentron Industries Inc 2801 Market St Seattle 7 Wash
**FLYNN MFG CO 700 E GODFREY AVE
PHILADELPHIA 24 PA**
**HOPE'S WINDOWS INC 84 HOPKINS AVE
JAMESTOWN NY**
International Steel Co 1321 Edgar St Evansville 7 Ind
Kaptur (Joseph J) & Co 121st & 90th Sts Palos Park Ill
Mesker Bros 6th Poplar & 7th St Louis 2 Mo
Republic Steel Co 1750 Army St San Francisco Calif
**THORN (J S) CO 8501 HEGERMAN ST
PHILADELPHIA 36 PA**
**TRUSCON STEEL DIV REPUBLIC STEEL
CORP 1650 ALBERT ST YOUNGSTOWN 1
OHIO**
**VENTO STEEL PRODS CO INC 250 COLO-
RADO AVE BUFFALO 15 NY**

▶ WINDOWS, STORM, ALUMINUM

Adams Co The PO Box 268 Dubuque Iowa
All-List Metal Window Co Box 11 Bristol Pa
All Weather Jalousies Inc State Highway 46 Teterboro NJ
Also Inc 260 S Forge Box 270 Akron 8 Ohio
Alto Mfg Co 1647 W Wolfgram Chicago 13 Ill
Alwintite Div General Bronze Corp Garden City NY
Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
B & W Enterprises 3521 Sweetwood St Houston 19 Texas
Barnhart (A W) Co 140 Highland St Port Chester NY
Buckeye Screen & Weatherstrip Co 1378 S 22nd St Columbus 6 Ohio
**CECO STEEL PRODS CORP 5601 W 26TH
ST CHICAGO 50 ILL**
**CHAMBERLIN CO OF AMERICA 1254 LA-
BROSSE ST DETROIT 24 MICH**
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
Eagle-Picher Co American Bldg Cincinnati 1 Ohio
Hettrick (W E) & Son Co PO Box 377 Toledo 1 Ohio
Ingersoll Prods Div Borg-Warner Corp 810 S Michigan Ave Chicago 4 Ill
Kane Mfg Corp PO Box 641 Kane Pa
Kaufmann Corp 17210 Gable St Detroit 12 Mich
**KOTA PRODS INC N COUNTY RD ROCKY
POINT LI NY**
**LUDMAN CORP 14100 BISCAYNE BLVD
N MIAMI FLA**
**NATIONAL ALUMINUM CO 1135 ALUM
CREEK DR COLUMBUS 9 OHIO**
Orange Div Eagle-Picher Co American Bldg Cincinnati Ohio
Republic Hardware & Distributing Corp 1067 E 54th St Indianapolis 20 Ind
Rex Windows Inc 515 Bonham Ave Columbus 3 Ohio
**RUSSELL (F C) CO 1100 CHESTER AVE
CLEVELAND 1 OHIO**
**STEELCRAFT MFG CO 9017 BLUE ASH RD
ROSSMOYNE OHIO**
Superior Window Co 5300 NW 37th Ave Miami Fla
**THORN (J S) CO 8501 HEGERMAN ST
PHILADELPHIA 36 PA**
Universal Fabricators 1785-1829 Boone Ave New York 60 NY
Vulcan Metal Prods 2801 6th Ave S Birmingham Ala
Wagner Awning & Mfg Co Scranton & Barber Cleveland 1 Ohio
**WARE LABORATORIES INC 3700 NW 25TH
ST MIAMI FLA**
Wilson (L S) Mfg Co 7421 S Loomis Blvd Chicago 36 Ill
Winsulite Mfg Co The 725 N Central Ave Baltimore 2 Md
**WINTER SEAL CORP 14575 MEYERS RD
DETROIT 27 MICH**
Wiseco Aluminum Corp 3945 "A" St Detroit Mich

▶ WINDOWS, STORM, STEEL

Adams Co The PO Box 268 Dubuque Iowa
Barnhart (A W) Co 140 Highland St Port Chester NY
**CHAMBERLIN CO OF AMERICA 1254 LA-
BROSSE ST DETROIT 24 MICH**
Cincinnati Fly Screen Div Russell (F C) Co Union Commerce Bldg Cleveland Ohio
Croft Steel Prods Inc 10 Market St Jamestown NY
**DETROIT STEEL PRODS CO 2250 E GRAND
BLVD DETROIT 11 MICH**
Hollister Coll Spring Mfg Co Avalon & Florence Los Angeles Calif
**HOPE'S WINDOWS INC 84 HOPKINS AVE
JAMESTOWN NY**
Kane Mfg Corp PO Box 641 Kane Pa

**KEWANEE MFG CO 150 BURLINGTON AVE
KEWANEE ILL**
Loehart Mfg Corp 6350 E Davison Ave Detroit 13 Mich
**NEW MONARCH MACHINE & STAMPING
CO 406 SW NINTH ST DES MOINES 9
IOWA**
Paramount Casement Window Corp 180-11 Jamaica Jamaica 3 NY
**RUSSELL (F C) CO 1100 CHESTER AVE
CLEVELAND 1 OHIO**
Steel Window Prods Co 550 Nassau Road Roosevelt LI NY
**THORN (J S) CO 8501 HEGERMAN ST
PHILADELPHIA 36 PA**
**TRUSCON STEEL DIV REPUBLIC STEEL
CORP 1650 ALBERT ST YOUNGSTOWN 1
OHIO**
**VENTO STEEL PRODS CO INC 250 COLO-
RADO AVE BUFFALO 15 NY**
Weather-Proof Co 1409 E 40th St Cleveland 3 Ohio

▶ WINDOWS, STORM, WOOD

ANDERSEN CORP BAYPORT MINN
Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
Anson & Gilkey Co Merrill Wis
**BROWN-GRAVES CO 191-S MILLER AVE
AKRON 1 OHIO**
Buckeye Screen & Weatherstrip Co 1378 S 22nd St Columbus 6 Ohio
Burke Millwork Co Fremont Bridge Seattle 3 Wash
**CARR ADAMS & COLLIER CO 11TH &
JACKSON DUBUQUE IOWA**
Cole Mfg Co PO Box 2657 Memphis 2 Tenn
**CONTINENTAL SCREEN CO 1323 BOOK
BLVD DETROIT 26 MICH**
**CURTIS COB INC 1200 S SECOND AVE
CLINTON IOWA**
Farley & Loetscher Mfg Co Dubuque Iowa
Goshen Sash & Door Co E Purl Goshen Ind
Gregg & Son Inc 21-31 Blandin Ave Framingham Mass
Edward Hines Lumber Co 77 W Washington St Chicago 2 Ill
Hooder Sash & Door Co Anderson Ind
Hurd Millwork Corp Medford Wis
Huttig Mfg Co Muscatine Iowa
Huttig Sash & Door Co 1206 S Vandeventer St Louis 10 Mo
Kinzua Pine Mills Co Kinzua Ore
Marquart Millwork Co 50 Ceape St Oshkosh Wis
Misoula White Pine Sash Co Scott & Stoddard Misoula Mont
Morgan Co 520 Oregon St Oshkosh Wis
Morgan Sash & Door Co 2287 Blue Island Ave Chicago 8 Ill
National Screen Co Inc Madison Ave Extended Suffolk Va
National Screen Door Co PO Box 1887 Montgomery 3 Ala
Northern Sash & Door Co Hawkins Wis
Northwest Door Co PO Box 1477 Tacoma 1 Wash
Pacific Mutual Door Co Tacoma Bldg Tacoma Wash
Phenix Mfg Co 4129 N Port Washington Milwaukee 11 Wis
Prentice (F W) & Co 430 N Dean St Adrian Mich
Roach & Musser Co Muscatine Iowa
Rock Island Millwork Co 2525 Fourth Ave Rock Island Ill
Rose (D M) & Co Rose Pl Knoxville 4 Tenn
Schumacher (F E) Co 200 Mill St Hartsville Ohio
Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
Semling-Menke Co S East St Merrill Wis
Seneca Lumber & Millwork Co 636-701 W Tiffin Fosteria Ohio
Silverest Co The 100 Thomas St Wausau Wis
Spokane Sash & Door Co PO Box 63 Spokane Wash
**WABASH SCREEN DOOR CO 310 S MICH-
GAN AVE CHICAGO 4 ILL**
Weather-Seal Inc 24 Houston St Barberton Ohio
White Pine Sash Co E 4005 Broadway Spokane Wash
Window Conditioning Co 32 Brown St Barberton Ohio

▶ WINDOWS, VERTICAL GLIDING, ELECTRICALLY-OPERATED

Vita Automatic Windows Inc 5530 Queens Blvd Woodside LI NY

▶ WINDOWS, WOOD, WITH LOUVRES BELOW

Anderson (V E) Mfg Co 1515 E 18th St Owensboro Ky
**CURTIS COB INC 1200 S SECOND AVE
CLINTON IOWA**
Hurd Millwork Corp Medford Wis
Segelke & Kohlhaus Co 600 S 2nd St La Crosse Wis
Solar Air-Flo Inc 600 E Purl St Goshen Ind

WIRE

Allegheny Ludlum Steel Co Oliver Bldg Pittsburgh 22 Pa
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
ALUMINUM CO OF AMERICA 1501 ALCOA BLDG PITTSBURGH 19 PA
Badger Corrugating Co 1801 West Ave S La Crosse Wis
BERGER MFG DIV REPUBLIC STEEL CORP 1038 BELDEN AVE NE CANTON 5 OHIO
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
Colorado Fuel & Iron Corp Clinton Mass
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV U S STEEL CORP RUSSELL BLDG SAN FRANCISCO 6 CALIF
Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
GULF STEEL & WIRE CO SAN JUAN P R
International Nickel Co Inc 67 Wall St New York 5 NY
KAISER ALUMINUM & CHEMICAL SALES INC 1924 BROADWAY OAKLAND 12 CALIF
Keystone Wire Cloth Co Factory St Hanover Pa
Mid States Steel & Wire Co Crawfordsville Ind
Republic Steel Corp Republic Bldg Cleveland 1 Ohio
Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
Spargo Wire Co 560 E Railroad Rome NY

WIRE, BARBED

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
American Chain Link Fence Co 24 Ship Ave Medford Mass
AMERICAN STEEL & WIRE DIV US STEEL CORP 1426 ROCKEFELLER BLDG CLEVELAND 13 OHIO
Badger Corrugating Co 1801 West Ave S La Crosse Wis
Bambrick (Richard J) 125 Broad St New York 4 NY
BETHLEHEM STEEL CO BETHLEHEM PA
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV US STEEL CORP RUSSELL BLDG SAN FRANCISCO 6 CALIF
Continental Steel Corp 1109 S Main St Kokomo Ind
Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
Dare Prods Inc PO Box 157 Battle Creek Mich
GULF STEEL & WIRE CO SAN JUAN P R
Jones & Laughlin Steel Corp 3 Gateway Center Bldg Pittsburgh 30 Pa
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
Mid States Steel & Wire Co Crawfordsville Ind
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
Republic Steel Corp Republic Bldg Cleveland 1 Ohio
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

WIRE, ELECTRICAL

AMERICAN STEEL & WIRE DIV US STEEL CORP 1426 ROCKEFELLER BLDG CLEVELAND 13 OHIO
Anacosta Wire & Cable Co 25 Broadway New York NY
Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa
Eagle Electric Mfg Co 23-10 Bridge Plaza Long Island City NY
General Cable Corp 420 Lexington Ave New York 17 NY
General Elec Co Construction Materials Div Wiring Device Dept Providence RI
Hazard Insulated Wire Div Okonite Co 1808 Hazel Street Wilkes-Barre Penna
KAISER ALUMINUM & CHEMICAL SALES CO 1924 BROADWAY OAKLAND 12 CALIF
KENNECOTT COPPER CORP 161 E 42ND ST NEW YORK 17 NY
NATIONAL ELECTRIC PRODS CORP 2 GATEWAY CENTER BLDG PITTSBURGH 22 PA
Okonite Co Passaic NJ
Paranite Wire & Cable Div Essex Wire Corp 1601 Wall St Fort Wayne 6 Ind
Roehlings (John A) Sons Corp 640 S Broad St Trenton 2 NJ
Sheffield Steel Div Armo Steel Corp Sheffield Sta Kansas City 25 Mo

Spargo Wire Co 560 E Railroad Rome NY
Touch Plate Mfg Corp PO Box 1970 Long Beach 1 Calif
United States Rubber Co 1230 Ave of Americas New York 20 NY

WIRE, GALVANIZED STEEL

Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
American Chain Link Fence Co 24 Ship Ave Medford Mass
AMERICAN STEEL & WIRE DIV US STEEL CORP 1426 ROCKEFELLER CLEVELAND 13 OHIO
Armo Steel Corp 703 Curtis St Middletown Ohio
Badger Corrugating Co 1801 West Ave S La Crosse Wis
BETHLEHEM STEEL CO BETHLEHEM PA
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV US STEEL CORP RUSSELL BLDG SAN FRANCISCO 6 CALIF
Continental Steel Corp 1109 S Main St Kokomo Ind
Dare Prods Inc PO Box 157 Battle Creek Mich
Dietrich Bros Inc 2700 Loch Haven Baltimore 18 Md
Goldsmith Metal Lath Co 4501 Chickering Cincinnati Ohio
GULF STEEL & WIRE CO SAN JUAN P R
Johnson Steel & Wire Co 51 Wiser Ave Worcester 1 Mass
Jones & Laughlin Steel Corp 3 Gateway Center Bldg Pittsburgh 30 Pa
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
LACLEDE STEEL CO ARCADE BLDG ST LOUIS MO
Mid States Steel & Wire Co Crawfordsville Ind
NICHOLS WIRE & ALUMINUM CO 1725 ROCKINGHAM RD DAVENPORT IOWA
Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
Renois Tying Machines Inc 1956 N Hawthorne Melrose Park Ill
Republic Steel Corp Republic Bldg Cleveland 1 Ohio
Ryerson (Joseph T) & Son 2558 W 16th St Chicago 80 Ill
Seneca Wire & Mfg Co Vine St Fostoria Ohio
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY
Wilson Steel & Wire Co 4840 S Western Ave Chicago 9 Ill
Youngtown Sheet & Tube Co Stambaugh Bldg Youngtown 1 Ohio
Youngtown Steel Prods Co Stambaugh Bldg Youngtown 1 Ohio

WIRE PULLERS & STRETCHERS

AMERICAN STEEL & WIRE DIV US STEEL CORP 1426 ROCKEFELLER BLDG CLEVELAND 13 OHIO
BETHLEHEM STEEL CO BETHLEHEM PA
Continental Steel Corp 1109 S Main St Kokomo Ind
Durbin-Duren Inc 6600 Olive St St Louis 5 Mo
Franklin Equipment Co Monticello Iowa
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
Klein & Sons 7200 McCormick Rd Chicago 45 Ill
Louden Machinery Co 1120 Broadway Fairfield Iowa
Ney Mfg Co 948 High Ave SW Canton 4 Ohio
Northwestern Steel & Wire Co 1927 Griswold St Sterling Ill
Pittsburgh Steel Prods Co PO Box 118 Pittsburgh 30 Pa
Starline Inc 300 W Front St Harvard Ill
Sterling Foundry Co Box 457 Sterling Ill

WIRE, TIE

Alabama Metal Lath Co Inc 8235 Fayette Ave Birmingham 1 Ala
Allen Steel Prods Inc 2941 E Ten Mile Rd Hazel Park Mich
AMERICAN STEEL & WIRE DIV US STEEL CORP 1426 ROCKEFELLER BLDG CLEVELAND 13 OHIO
Badger Corrugating Co 1801 West Ave S La Crosse Wis
BETHLEHEM STEEL CO BETHLEHEM PA
BOSTWICK STEEL LATH CO 1890 GRISWOLD DR NILES OHIO
CICO STEEL PRODS CORP 5601 W 26TH ST CHICAGO 56 ILL
CHASE BRASS & COPPER CO INC 236 GRAND ST WATERBURY 20 CONN
COLORADO FUEL & IRON CORP CONTINENTAL OIL BLDG DENVER 2 COLO
COLUMBIA-GENEVA DIV US STEEL CORP RUSSELL BLDG SAN FRANCISCO 6 CALIF
Continental Steel Corp 1109 S Main St Kokomo Ind
Copperweld Steel Co 322 Frick Bldg Pittsburgh 19 Pa

Heckmann Bldg Prods Co 4018 W Lake St Chicago 24 Ill
INLAND STEEL PRODS CO 4111 W BURNHAM MILWAUKEE WIS
International Nickel Co Inc 67 Wall St New York 5 NY
KAISER ALUMINUM & CHEMICAL SALES CO 1924 BROADWAY OAKLAND 12 CALIF
KEYSTONE STEEL & WIRE CO 7000 S ADAMS PEORIA 7 ILL
LACLEDE STEEL CO ARCADE BLDG ST LOUIS MO
Mid States Steel & Wire Co Crawfordsville Ind
NATIONAL GYPSUM CO 325 DELAWARE AVE BUFFALO 2 NY
PENN METAL CO INC 205 E 42ND ST NEW YORK 17 NY
Renois Tying Machines Inc 1956 N Hawthorne Melrose Park Ill
Republic Steel Corp Republic Bldg Cleveland 1 Ohio
Seneca Wire & Mfg Co Vine St Fostoria Ohio
Sheffield Steel Div Armo Steel Corp Sheffield Sta Kansas City 25 Mo
Sommer Metalcraft Corp 315 Poston Drive Crawfordsville Ind
TENNESSEE COAL & IRON DIV US STEEL CORP PO BOX 599 FAIRFIELD ALA
TRUSCON STEEL DIV REPUBLIC STEEL CORP 1050 ALBERT ST YOUNGSTOWN 1 OHIO
UNITED STATES GYPSUM CO 300 W ADAMS ST CHICAGO 6 ILL
WICKWIRE SPENCER STEEL DIV COLORADO FUEL & IRON CORP 575 MADISON AVE NEW YORK 19 NY

WIRING, ELECTRICAL, MULTI-OUTLET

AMERICAN TELEPHONE & TELEGRAPH CO 195 BROADWAY NEW YORK 7 NY
NATIONAL ELECTRIC PRODS CORP 2 GATEWAY CENTER BLDG PITTSBURGH 22 PA
Pass & Seymour Inc 50 Boyd Ave Syracuse 9 NY
WIREMOLD CO HARTFORD 10 CONN

WIRING SYSTEMS, REMOTE CONTROL

General Electric Co Construction Materials Div Wiring Device Dept Providence RI
Master Mechanic Mfg Co Route 83 Burlington Wis
Sierra Electric & Mfg Co 544 E 31st Los Angeles Calif
Touch Plate Mfg Corp PO Box 1970 Long Beach 1 Calif

WOOD, BALSA

Balsa Ecuador Lumber Corp 500 Fifth Ave New York 36 NY
Johnson & Carlson 848 W Eastman Chicago 22 Ill
Luthi (F C) & Co 214 Balter Bldg New Orleans 12 La
Faxon (Frank) Lumber Co 6311 St John Ave Kansas City Mo
Twin City Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
US Challenge & Challenge Co 1441 N Kingsbury Chicago 22 Ill

WOOD, IMPREGNATED

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Baxter (J H) & Co 200 Bush St San Francisco Calif
Parkwood Corp 24 Water St Wakefield Mass
Plywood Corp 15263 Hartwell Detroit 35 Mich
Plytex Corp 1731 Elston Ave Chicago 22 Ill
Protex Corp 162 Market St Kenilworth NJ
Tectum Corp 105 S Sixth Newark Ohio
West Oregon Lumber Co Portland 9 Ore

WOOD, PLASTIC

Boyle-Midway Inc 22 E 40th St New York 16 NY
Durham (Donald) Co PO Box 804 Des Moines 4 Iowa
Lowe Bros 436 E 3rd St Dayton 2 Ohio
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
Webb Prods Co 216 S "G" St San Bernardino Calif
Welman Prods Co 1444 E 49th St Cleveland 3 Ohio

WOOD SEALERS

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
Akron Paint & Varnish Co 1390 Firestone Pkwy Akron 1 Ohio
AMERICAN FLOOR SURFACING MACHINE CO 515 S ST CLAIR ST TOLEDO 3 OHIO

ATLAS PLYWOOD CORP 1432 STATLER BLDG BOSTON 16 MASS
BRUCE (E L) CO 1648 THOMAS BOX 397 MEMPHIS 1 TENN
 Chapman Chemical Co 707 Dermon Bldg Memphis Tenn
 Clarke Sanding Machine Co 30 E Clay Ave Muskegon Mich
 Devoe & Reynolds Co Inc 787 First Ave New York 17 NY
 Douglas & Sturges 475 Bryant St San Francisco Calif
 DuPont De Nemours (E I) & Co Inc 1007 Market St Wilmington 98 Del
 Forman-Ford & Co 111 E Second St Minneapolis Minn
 Gordon Chemical Co Inc 1100 Hickory Kansas City 7 Mo
 Grand Rapids Varnish Corp 1350 Steele Ave SW Grand Rapids 2 Mich
 Horn (A C) Co Inc Tenth St & 44th Ave Long Island City 1 NY
 Johnson (S C) & Co Inc 1525 Howe St Racine Wis
 Kyanize Paints Inc 2nd & Boston Sts Everett 49 Mass
 Lasting Prods Co Franklinton Rd Baltimore 23 Md
 Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa
 Lowe Bros 436 E 3rd St Dayton 2 Ohio
 Maas & Waldstein 2121 McCarter Newark 4 NJ
 Malex Chemical Corp 1107 E 8th St Los Angeles 21 Calif
 Masonry Waterproofing Co Inc Box 1061 North Sta Arlington 7 Va
 Monsanto Chemical Co 1700 S Second St St Louis 4 Mo
 Moore (Benjamin) & Co 511 Canal St New York 13 NY
 National Lead Co 111 Broadway New York 6 NY
 Paxton (Frank) Lumber Co 6311 St John Ave Kansas City Mo
 Penetone Co The 74 Hudson Ave Tenafly NJ
PITTSBURGH PLATE GLASS CO 632 FORT DUQUESNE BLVD PITTSBURGH 22 PA
 Plytex Corp 1731 Elston Ave Chicago 22 Ill
 Pratt & Lambert Inc 75 Tonawanda St Buffalo 7 NY
RODDIS PLYWOOD CORP 1155 PALMETTO MARSHFIELD WIS
 Sherwin-Williams Co 101 Prospect Ave Cleveland 1 Ohio
 Tennant (G H) Co 2566 N Second St Minneapolis Minn
 Tufenkete Co Inc 552 Teachout Bldg Des Moines 9 Iowa
 Twin Cit, Hardwood Lumber Co 509 N Cleveland Ave St Paul 14 Minn
UNITED STATES PLYWOOD CORP 55 W 44TH ST NEW YORK 36 NY
 Wood Treating Chemicals Co 5137 Southwest Ave St Louis 10 Mo

▶ WOOD SEALERS, KNOT

Grand Rapids Varnish Corp 1350 Steele Ave SW Grand Rapids 2 Mich
 Lawrence (W W) & Co 1124-32 W Carson Pittsburgh 19 Pa

▶ WOODWORK, FLAMEPROOF

Aetna Plywood & Veneer Co 1731 N Elston Ave Chicago 22 Ill
 Fox Bros Mfg Co 2717 Sidney St St Louis 4 Mo
 Protexol Corp 162 Market St Kenilworth NJ

▶ WOODWORKING MACHINES

American Machine & Foundry Co 511 Fifth Ave New York NY
 American Woodworking Machinery Co 100 Liberty St Hackensack NJ
 Atlas Press Co 1901 N Pitcher St Kalamazoo Mich
 Beach Mfg Co Mill & Boyer Sts Montrose Pa
 Black Bros Inc 503 9th Ave Mendota Ill
BOICE CRANE CO 930 W CENTRAL AVE TOLEDO 6 OHIO
 Buss Machine Works 8th & Eldon Sts Holland Mich
 C H & E Mfg Co 3849 N Palmer St Milwaukee 12 Wis
 C K L Machinery Co 160 Harrison St Oshkosh Wis
 Chattanooga Machinery Co 1090 Watkins St Chattanooga 4 Tenn
 Circle Tool Co 3805 W Lishon Milwaukee Wis
 Consolidated Machinery & Supply Co Ltd 2031 Santa Fe Ave Los Angeles 21 Calif
 Cooke (R F) Mfg Co Cooke Pl Orange Mass
 Cummins Portable Tools 5055 N Lydell Ave Milwaukee 17 Wis
 Curtis Machine Corp 1300 E 2nd St Jamestown NJ
 Dependable Machine Co Box 839 Greensboro NC
DE WALT INC FOUNTAIN AVE LANCASTER PA
 Ekstrom Carlson & Co 1400 Railroad Ave Rockford Ill
 Enterprise Co 8 Main St Columbiana Ohio

APRIL 1955

Fay & Egan Co 2001 Eastern Ave Cincinnati 2 Ohio
 Forsberg Mfg Co 125 Seaview Ave Bridgeport 1 Conn
 Foster Mfg Co 287 Delaware Buffalo 17 NY
 Greenlee Tool Co 2136 12th St Rockford Ill
 Hanchett Mfg Co 906 N State St Big Rapids Mich
 Handy Mfg Co 2432 W Lawrence Chicago 25 Ill
 Hermance Machine Co Campbell & John Sta Williamsport 19 Pa
 Heaton & Anderson Div St Paul Engineering & Mfg Co 601 Kirkwood Ave Fairfield Iowa
 Holmes (E & B) Machinery Co Inc 59 Chicago St Buffalo 4 NY
 Hutchinson Mfg Co Norristown Pa
 Jones Superior Machine Co 1270 W North Ave Chicago 22 Ill
MATER WOODWORKER MFG CO INC 401-411 E FORT ST DETROIT 26 MICH
 Mattison Machine Works 645 Blackhawk Park Rockford Ill
 McDonough Mfg Co 1500-1600 Galloway Eau Claire Wis
 Melby Machinery Mfrs 2302 California Ave Everett Wash
 Merck & Monsanto Corp 120 S Niagara St Lockport NY
 Newman Machine Co Inc 507 Jackson St Greensboro NC
 Oliver Machinery Co 1025 Clancy Ave Grand Rapids Mich
 Onarud Machine Works Inc 3910 W Palmer Chicago 47 Ill
 Palmer Machinery Co 2503 Potter Jacksonville 1 Fla
 Parks Woodworking Machine Co 1546 Knowlton St Cincinnati 23 Ohio
FOOTATUCK CORP 56 SAMMIS PL STRATFORD CONN
PORTER-CABLE MACHINE CO 1714 N SALINA ST SYRACUSE 3 NY
 Power (L) & Co Inc 2815 Oakford St Philadelphia 46 Pa
 Powermatic Machine Co McMinnville Tenn
 Pringle & Brodie Machinery Co 666 W Polk St Chicago 7 Ill
 Richardson (J S) Co Sheboygan Falls Wis
 Rockwell Mfg Co Delta Power Tool Div 400 N Lexington Pittsburgh 8 Pa
 Sibley (Edw L) Mfg Co Inc 222 W Main St Bennington Vt
SKIL CORP 5933 ELSTON AVE CHICAGO 38 ILL
 Stanley Electric Tools 400 Myrtle St New Britain Conn
 Stearns-Ross Machinery Co 3200 First Ave S Seattle 4 Wash
 Turner Mfg Co Wise St Statesville NC
 Walker-Turner Div Kearney & Trecker Corp 639 South Ave Plainfield NJ
 Wallace (J D) & Co 136 S California Ave Chicago 12 Ill
 Whitney (Baxter D) Son Inc Elm St Winchendon Mass
 Wilson Saw Div Media Machine Works Inc 620 Park Ave Media Pa
 Woods (S A) Machine Co Damrell & Alger Sta Boston 27 Mass
 Yates-American Machine Co 729 Fourth St Beloit Wis

▶ WRENCHES

Andree Wrench Co 393 Cottage Hill Elmhurst Ill
 Armstrong Bros Tool Co 5200 W Armstrong Chicago 30 Ill
 Barcalo Mfg Co 225 Louisiana Buffalo 4 NY
 Billings & Spencer Co 13 Laurel St Hartford 1 Conn
 Capewell Mfg Co 60 Governor St Hartford 2 Conn
 Chicago Pneumatic Tool Co 6 E 44th St New York 17 NY
 Crescent Tool Co 200 Harrison St Jamestown NY
 Duro Metal Prods Co 2649 N Kildare Ave Chicago 39 Ill
 Fairmount Tool & Forging Co 10611 Quincy Ave Cleveland 6 Ohio
 Heller Bros Co Heller Dr Newcomerstown Ohio
 Ingersoll-Rand Inc 11 Broadway New York 4 NY
 International Twist Drill Corp 618 Wyandotte St Kansas City 5 Mo
 E D Mfg Co 526 Plum St Lancaster Pa
 Owatonna Tool Co 341 Cedar St Owatonna Minn
 Ox-Wall Tool Co 928 Broadway New York 10 NY
 P & C Hand Forged Tool Co Box 5926 Portland 22 Ore
 Penens Corp 3900 Wesley Ter Schiller Park Ill
 Proto Tool Co 2209 Santa Fe Ave Los Angeles 54 Calif
 Thor Power Tool Co 175 N State St Aurora Ill
 Vlehek Tool Co 3901 E 87th St Cleveland 4 Ohio
 Walworth Co 60 E 42nd St New York 17 NY

▶ YARD LAYOUT SERVICES

Baird (J Malcolm) Architectural Designer Box 214 Mound Minn

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Davenport is an attractive progressive city of 80,000 population with first class schools and colleges and excellent facilities for sports and entertainment. Located on the Mississippi River in the heart of the greatest farm area in the world.

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MELTON ROAD,
SYSTON,
NR. LEICESTER,
ENGLAND.

WRITE US for prices on
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Residence of Mr. and Mrs. Morris Zale, Dallas, Texas; Howard R. Meyer, architect. TENNQWARTZ Strip Rubble Veneer Stone laid rough and ragged, wall heights of 1" to 6", random lengths.

TENNQWARTZ

REG. U.S. PAT. OFF.

THE ORIGINAL TENNESSEE QUARTZITE

From the Heart of the Crab Orchard District
in richly variegated colors since 1931

SELECTED BY
HOUSE BEAUTIFUL
FOR THE 1955
PACE SETTER

STRIP RUBBLE—A veneer stone laid on natural bed with break of stone shown on face. Broken in various wall heights from 1" to 10" and masonry beds from 3 1/2" to 5" in random lengths from 6" up.

- **COLOR THAT LASTS**—Richly variegated shades of monotone, buff, tan, pink and purple.
- **STAYS CLEAN**—Occasional rains keep it ever bright and fresh in appearance.
- **CAN'T FADE**—Nature's most permanent colors—a unique TENNQWARTZ characteristic.
- **WON'T SHOW EROSION**—TENNQWARTZ is harder than average granite.
- **ACCURATELY BROKEN**—Modern "guillotine type" machinery gives maximum uniformity in thickness.
- **NO SPECIAL MORTAR**—Materials are same as those used for brick work.
- **TENNQWARTZ IS AVAILABLE**—Through carefully selected dealers and distributors in your territory—men and firms who know stone—who can help you in preparing sound estimates.

WRITE US FOR NAME OF NEAREST DEALER

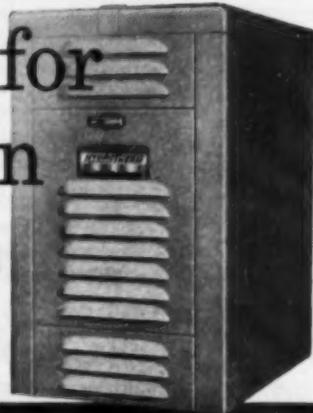


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General Offices — 705 Broadway, N. E.
Phone 4-7529 KNOXVILLE 17, TENN.

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the "packaged"
gas hot-water
boiler for
modern
homes



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for details

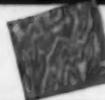
HYDROTHERM

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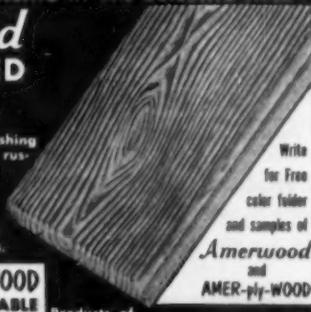
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... "better than any transit!"

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Please send free booklet, "On the Level." Mail me 75' Deluxe LEVELALL @ \$12.95 Regular 50' model at \$9.95 Ship postpaid full price enclosed. Ship C.O.D.

Name _____
Street _____
City _____ Zone _____ State _____

A New Service for Builders

THE 1955 *American Builder* Directory, in the following section, presents a new service to readers—detailed listings of manufacturers' local distributors. This guide provides a quick way to find the nearest local outlet of the manufacturer whose product is desired. This listing is alpha-

betical by manufacturers. Cities are listed alphabetically under each manufacturer, with each city followed by the local dealers' names.

Where wholesalers, sales representatives, etc., are listed instead of dealers, this is noted in the headings.

SECTION III WHERE TO BUY IT LOCALLY

A Directory of Manufacturers' Local Distributors

ALTEX ENGINEERING CO. SUMMERVILLE, S. C.

ATLANTA, GA.
Ed Westlake Window Corp.
AUGUSTA, GA.
Augusta Building Supply
BEAUMONT, TEX.
Altex Aluminum Window Co.
BIRMINGHAM, ALA.
Birmingham Jalouse & Window Co.
CHARLES TOWN, W. VA.
W. & R. Sales, Inc.
CHATTANOOGA, TENN.
Seawane Coal & Supply Co.
CHICAGO, ILL.
Material Service Corp.
CINCINNATI, OHIO
Arnold's Improve Your Home Co.
COLUMBUS, OHIO
Arnold Products Sales Corp.

GREENVILLE, S. C.
Tropical Window Co.
INDIANAPOLIS, IND.
Keystone Distributors
KNOXVILLE, TENN.
William S Trimble Co.
LAFAYETTE, LA.
Southern Steel & Hardware Supply Co., Inc.
OKLAHOMA CITY, OKLA.
Murray R. Womble Co.
PITTSBURGH, PA.
Bill Jones
PORTSMOUTH, VA.
City Supply Co.
RICHMOND, VA.
Building Products Co.
ST. LOUIS, MO.
Mid-West Alcoa, Inc.
TULSA, OKLA.
Murray R. Womble Co.

ANDERSEN CORP. BAYPORT, MINN.

Andersen Window Units are available to established lumber and millwork dealers from the warehouse stocks of the following wholesale distributors:

ALBANY, N. Y.
Inoué Millwork Corp.; Robbins Door & Sash Co.
ALEXANDRIA, LA.
Davidson Sash & Door Co., Inc.
ALLETOWN, PA.
Robbins Door & Sash Co.
AMARILLO, TEX.
Amarillo Sash & Door Co.; United Sash & Door Co.
ANSONIA, CONN.
Cleary Millwork Co., Inc.
ARLINGTON, VA.
Morgan Millwork Co.
AUSTIN, TEX.
Davidson Sash & Door Co.
BALTIMORE, MD.
Morgan Millwork Co.
BATON ROUGE, LA.
United Sash & Door Co.
BETHLEHEM, PA.
Reb Millwork Corp.
BETHPAGE, L. I., N. Y.
Sturtevant Millwork & Lumber Corp.
BILLINGS, MONT.
Building Service, Inc.
BIRMINGHAM, ALA.
Birmingham Sash & Door Co.
BISMARCK, N. D.
Hardwell Robinson Co.; Builders Supply Co.

BOSTON, MASS.
Brookway-Smith-Haigh-Lovell Co.
BUFFALO, N. Y.
Inoué Door Co.; The Whitmer-Jackson Co., Inc.
CEDAR RAPIDS, IOWA
Williams & Hunting Co.
CHARLOTTE, N. C.
Huttig Sash & Door Co.
CHICAGO, ILL.
Associated Door & Plywood Co.; Morgan Sash & Door Co.; Roberts Sash & Door Co.
CINCINNATI, OHIO
Acme Sash & Door Co.; Cincinnati Sash & Door Co.
CLEVELAND, OHIO
The Whitmer-Jackson Co., Inc.
COLUMBUS, OHIO
Huttig Sash & Door Co.
CRESSONA, PA.
J. R. Quigley Co.
DALLAS, TEX.
Huttig Sash & Door Co.
DAYTON, OHIO
Dayton Sash & Door Co.; Ohio City Sash & Door Co.
DECATUR, ILL.
Morgan Sash & Door Co.

THESE ARE THE FAMOUS

Andersen
Windowalls

COMPLETE WOOD WINDOW UNITS

- **FLEXIVENT WINDOW**
The newest WINDOWALL—amazingly flexible, high in quality, low in cost!
- **FLEXIVIEW WINDOW**
The picture window partner to the Flexivent.
- **CASEMENT WINDOW**
Outswinging casement for every need, engineered for efficient service.
- **PRESSURE SEAL WINDOW**
Complete double hung unit with removable sash and Storm-Screen combination.
- **GLIDING WINDOW**
Sash glide open from side to side, instantly removable for easy cleaning.

Andersen WINDOWALLS are available through established lumber and millwork dealers from warehouse stocks of the listed distributors, including the West Coast area.

Andersen Corporation

BAYPORT, MINNESOTA

DENVER, COLO.
The Denver Reserve Supply Co.; Richardson Lumber Co.
DETROIT, MICH.
Kimball & Russell, Inc.
DULUTH, MINN.
The Radford Co.; Scott-Graff Co.
FARGO, N. D.
Hardwell-Robinson Co.
FLINT, MICH.
Flint Sash & Door Co., Inc.
FORT WORTH, TEX.
Texas Sash & Door Co.
FRACKVILLE, PA.
Robbins Door & Sash Co.
GLOUCESTER CITY, N. J.
J. R. Quigley Co.
GOSHEN, IND.
Goshen Sash & Door Co.
GRAND RAPIDS, MICH.
Grand Rapids Sash & Door Co.
GREAT FALLS, MONT.
Building Service, Inc.
HARRISBURG, PA.
Morgan Millwork Co.; J. R. Quigley Co.
HARRISON, N. J.
Bozman & Cannon

HOUSTON, TEX.
Houston Sash & Door Co.
INDIANAPOLIS, IND.
Midland Building Industries, Inc.
ITHACA, N. Y.
Robbins Door & Sash Co.
JACKSON, MISS.
Jackson Sash & Door Co.
JACKSONVILLE, FLA.
Huttig Sash & Door Co.
KALAMAZOO, MICH.
Grand Rapids Sash & Door Co.
KANSAS CITY, MO.
American Sash & Door Co.
KNOXVILLE, TENN.
Huttig Sash & Door Co.
LAFAYETTE, LA.
Davidson Sash & Door Co., Inc.
LAKE CHARLES, LA.
Davidson Sash & Door Co., Inc.
LANCASTER, PA.
J. R. Quigley Co.
LANSING, MICH.
Grand Rapids Sash & Door Co.
LEXINGTON, KY.
Combs Lumber Co.
LOUISVILLE, KY.
Huttig Sash & Door Co.

LUBBOCK, TEX.
Lubbock Sash & Door Co.
MASON CITY, IOWA
Mason City Millwork Co., Inc.
MEDINA, N. Y.
The Whitmer-Jackson Co., Inc.
MEMPHIS, TENN.
Memphis Sash & Door Co.
MIDDELTOWN, N. Y.
Robbins Door & Sash Co.
MIDLAND PARK, N. J.
Black Millwork & Lumber Co., Inc.
MILES CITY, MONT.
Richland Lumber Co.
MINNEAPOLIS, MINN.
E. E. Bach Millwork Co.
NASHVILLE, TENN.
Huttig Sash & Door Co.
NEWARK, N. J.
Whittier Lumber & Millwork Co.
NEW HAVEN, CONN.
Brookway-Smith-Haigh-Lovell Co.
NEW ORLEANS, LA.
New Orleans Sash & Door Co.
OAKLAND, CALIF.
Mill Built Distributors, Inc.
OHAWA, WEB.
Dishers & Co.
ONCORTA, N. Y.
Robbins Door & Sash Co.
OSKOSH, WIS.
The Radford Co.
OZONE PARK, L. I., N. Y.
Hussey-Williams Co., Inc.
PEORIA, ILL.
Wahfeld Mfg. Co.
PHILADELPHIA, PA.
J. R. Quigley Co.
PITTSBURGH, PA.
Iron City Sash & Door Co.
PORTLAND, ME.
Brookway-Smith-Haigh-Lovell Co.
PUEBLO, COLO.
Richardson Lumber Co.
ROANOKE, VA.
Huttig Sash & Door Co.

ROCHESTER, N. Y.
The Whitmer-Jackson Co.
ROCK ISLAND, ILL.
Rock Island Millwork Co.
ROSELLE, N. J.
Reb Millwork Co.
SAGINAW, MICH.
Flint Sash & Door Co.
ST. LOUIS, MO.
Huttig Sash & Door Co.
ST. PAUL, MINN.
Pacific Mutual Door Co.
SALEM, ORE.
Oregon Pulp & Paper Co.
SALT LAKE CITY, UTAH
Utah Lumber Co.
SANTA ANA, CALIF.
Coast Millwork
SCRANTON, PA.
Robbins Door & Sash Co.
SIOUX FALLS, S. D.
Jordan Millwork Co.
SPokane, WASH.
Exchange Lumber & Manufacturing Co.
SPRINGFIELD, MASS.
Brookway-Smith-Haigh-Lovell Co.; Martin Lumber Co.
SYRACUSE, N. Y.
Inoué Door Co.
TOLEDO, OHIO
Allen A. Smith Co.
TRAVERSE CITY, MICH.
Grand Rapids Sash & Door Co.
TULSA, OKLA.
General Sash & Door Co.
WASHINGTON, D. C.
Morgan Millwork Co.
WATERTOWN, S. D.
Watertown Sash & Door Co.
WAUKESHA, WIS.
Whittier Lumber Co.
WICHITA, KAN.
United Sash & Door Co.
WILKES-BARRE, PA.
Robbins Door & Sash Co.
WILLIAMSPORT, PA.
Robbins Door & Sash Co.
WILMINGTON, DEL.
Morgan Millwork Co.
YOUNGSTOWN, OHIO
The Whitmer-Jackson Co., Inc.

BADGER MACHINE CO. WINONA, MINN.

AKRON, IND.
Richard Coplen
ATLANTA, GA.
Smith Equipment Co.
BILLINGS, MONT.
Cater Engineering Works
BLUEFIELD, W. VA.
Rich Equipment Co.
BOISE, IDA.
Arnold Machinery Co.
DUNN, NIMM.
Howard Berge

CASPER, WYS.
Western Equipment Co.
CHESTER HEIGHTS, PA.
W. F. Garrett
CINCINNATI, OHIO
W. W. Williams Co.
CLEVELAND, OHIO
W. W. Williams Co.
COLUMBIA, S. C.
Long Talbot Equipment Co.

BADGER MACHINE CO cont'd.

COLUMBUS, OHIO
W. W. Williams Co.
DALLAS, TEX.
Browning Ferris Machinery Co.
DENVER, COLO.
King & East Machinery Corp.
DES MOINES, IOWA
Herman M. Brown & Co.
DULUTH, MINN.
Reichelt Equipment Co.
FRASER, MINN.
Kansas Equipment Co.
HELENA, MONT.
Cold Engineering Works
HONOLULU, HAWAII
Hawaiian Equipment, Ltd.
KALLISPEL, MONT.
Mountain Tractor Co.
LAKEVIEW, MICH.
Orville Behrenwald
LOS ANGELES, CALIF.
Calvid, Inc.
MARITIQUE, MICH.
Farmers Implement Co.
MAUMEE, OHIO
W. W. Williams Co.
MCCOOK, ILL.
Empire Sales & Service Co.
MELBOURNE, FLA.
Wolcott Industries
MIAMI, FLA.
Service Equipment Co.
MINNEAPOLIS, MINN.
H. C. Orms Equipment Co.
MISSOULA, MONT.
Mountain Tractor Co.
OAK LAWN, ILL.
Tractor & Equipment Co.

**BARBER-COLMAN CO.
ROCKFORD, ILL.**

AKRON, OHIO
R. P. Shaffer Door Sales
ALBANY, N. Y.
Edward P. Jennings, Jr.
ASHVILLE, N. C.
Alan H. Shaw
ATLANTA, GA.
Industrial Equip. Co.
BALTIMORE, MD.
J. D. Slaughter Co.
BILLINGS, MONT.
Billings Sash & Door Co.
BIRMINGHAM, ALA.
Jack Yarger & Co.
BOISE, IDAHO
Wholesalers, Inc.
BRADENTON, FLA.
Barrel Overdoors of West Florida
BUFFALO, N. Y.
Barrel Overdoors of Buffalo
BUTTE, MONT.
John C. Jernberg
CANTON, OHIO
Barrel Overdoors of Canton
CARACAS, VENEZUELA
Y. J. Villars
CHARLESTON, W. VA.
Ira F. Kuhn Co.
CHARLOTTE, N. C.
Mario Engineering Co.
CHATTANOOGA, TENN.
Hale & Wallace, Inc.
CHICAGO, ILL.
E. H. Klettman Co.
CINCINNATI, OHIO
G. J. Stroner
CLEVELAND, OHIO
G. J. Newlin Co.
COLUMBIA, S. C.
Allied Specialties Sales
COLUMBUS, OHIO
Howard E. Stroner Co.
CORPUS CHRISTI, TEX.
W. G. Gower Co.
DALLAS, TEX.
Barrel Overdoors of Dallas
DAYTON, OHIO
Barrel Overdoors of Dayton
DECATUR, ILL.
Barrel Overdoors of Decatur
DENVER, COLO.
C. A. Cross, Inc.
DES MOINES, IOWA
Barrel Overdoors of Des Moines
DETROIT, MICH.
Barrel Overdoors of Detroit
DUBUQUE, IOWA
Carr, Adams & Collier
ELGIN, ILL.
Keegan Bros. Mfg. Co.
EL PASO, TEX.
Neff-Buckner-Holt Inc.
ERIE, PA.
W. N. Finch
EVANSVILLE, IND.
Lathhead Modern Equipment

O'NEILL, ILL.
Sheilhamer Equipment Co.
OVERLAND PARK, KAN.
James E. Johnson
PITTSBURGH, PA.
Atlas Equipment Co.
PORTLAND, ORE.
Nelson Equipment Co.
RENO, NEV.
Nevada Tractor & Implement Co.
ROANOKE, VA.
Rich Equipment Co.
SACRAMENTO, CALIF.
Island Equipment Co.
ST. LOUIS, MO.
Riney-Ryan Tractor Co.
SALT LAKE CITY, UTAH
Arnold Machinery Co.
SABUL STE, WABIE, MICH.
Armstrong Supply Co.
SEATTLE, WASH.
Air-Mac, Inc.; Northern Commercial Co.; Yukon Equipment Co.
SOLDIERS GROVE, WIS.
Virgil Low
SPOKANE, WASH.
Andrews Equipment Service
STATESVILLE, N. C.
Interstate Equipment Co.
VALENTINE, NEB.
Keeley Implement Co.
WESTFIELD, MASS.
Northeastern HOPTO Company, Inc.
WICHITA, KAN.
White Star Machinery & Supply Co., Inc.

MONTREY, N.L. MEXICO
Enrique Farlan M.
MONTGOMERY, ALA.
Morton Sales Co., Inc.
MONTREAL, QUEBEC, CANADA
Frank-Wells Limited
NASHVILLE, TENN.
Barrel Overdoors of Nashville
NEW ORLEANS, LA
Eugene J. Constatin
NEWARK, N. J.
Barrel Overdoors of Central N. J.
NORFOLK, VA.
Withers Clay Utley, Inc.
OKLAHOMA CITY, OKLA.
Oklahoma Builders Supply Corp.
ORLANDO, FLA.
Barrel Overdoors of Orlando
PATERSON, N. J.
Arnold Machinery Co.
PEORIA, ILL.
Russell E. Kauffman
PHILADELPHIA, PA.
Herbert G. Pitta
PHOENIX, ARIZ.
Laing-Garrett Construction
PITTSBURGH, PA.
Barrel Overdoors of Pittsburgh
PORTLAND, ORE.
W. L. Reid Co.
RALEIGH, N. C.
Peden Steel Co.
RICHMOND, VA.
Virginia Sash, Door & Glass Corp.
ROANOKE, VA.
Charles E. Via, Jr.
ROCHESTER, N. Y.
Myron W. Greene
SAGINAW, MICH.
Lawrence Smith
ST. LOUIS, MO.
Barrel Overdoors of St. Louis

**BIANCO MFG. CO.
ST. LOUIS, MO.**

ATLANTA, GA.
Chas. S. Martin Distributing Co.
BALTIMORE, MD.
Jas. M. Zamiatki Co.
BIRMINGHAM, ALA.
Molay Bros. Supply
BOSTON, MASS.
Allied Appliance Co.



BIANCO MANUFACTURING CO.
3730 WETMORE ST. - ST. LOUIS 4, MO.
OTHER FACTORIES IN FOOT WOODS AND BALTIMORE

KNOXVILLE, TENN.
Home-Hanson Hardware Co.
MEMPHIS, TENN.
McIntyre's, Inc.
NASHVILLE, TENN.
McWhorter, Wenzel & Co.
PARK RIDGE, ILL.
J. Byron Coleman

ST. PETERSBURG, FLA.
Barrel Overdoors of West Florida
SALT LAKE CITY, UTAH
Joel F. Paulson & Co.
SAN DIEGO, CALIF.
Vinard Overhead Garage Door Co.
SAN FRANCISCO, CALIF.
E. A. Parker Co.
SEATTLE, WASH.
Barrel Overdoors of Seattle
SHEBOYGAN, WIS.
Louis F. Meier Co.
SIOUX CITY, IOWA
Fonds F. Rock Co.
SOUTH BEND, IND.
G. E. Weaver Co.
SPRINGFIELD, ILL.
George S. Grinnett & Co.
SPRINGFIELD, MO.
Kennedy Brick & Steel Co.
SYRACUSE, N. Y.
B. E. Johnson & Son
TARRYTOWN, N. Y.
Barrel Overdoors of Westchester
TOLEDO, OHIO
Barrel Overdoors of Toledo
TORONTO, ONTARIO, CANADA
Frank Wells Limited
TRENTON, N. J.
Barrel Overdoors of Trenton
TULSA, OKLA.
Barrel Overdoors of Tulsa
UTICA, N. Y.
E. J. Macner Sales Co.
WASHINGTON, D. C.
Barrel Overdoors of Washington
WEST PALM BEACH, FLA.
Alexander Gordon & Son
WICHITA, KAN.
Supply Service Incorporated
WINSTON-SALEM, N. C.
Long Building Specialties
YOUNGSTOWN, OHIO
Briggs-Jones, Inc.

CINCINNATI, OHIO
Glen E. O'Dell & Associates
COLUMBUS, OHIO
Thompson & Hamilton, Inc.
DALLAS, TEX.
A. D. Hardgrove

ROANOKE, VA.
Roanoke Wholesalers
SEATTLE, WASH.
Jud Rabcock
ST. LOUIS, MO.
American Nook Mfg. Co.
SAN ANTONIO, TEX.
South Texas Appliance Co.
WASHINGTON, D. C.
Jas. M. Zamiatki Co.

BIRD and SON, Inc.

For your nearest dealer, consult your Classified Telephone Directory under

Roofers
Roofing Materials Building Materials

**CALDER MANUFACTURING CO.
LANCASTER, PA.**

ADAMS, MASS.
E. T. Arnold Lbr.
ASHOSKIE, N. C.
Barnes, Sawyer Glass Co.
AUBURN, MASS.
Camrose Bros.
BATAVIA, N. Y.
Genesse Lbr. & Coal

BELLEVILLE, ILL.
Stoise Lbr. Co.
BERKELEY, ILL.
Gleason Const. Co.
BETHPAGE, L. I., N. Y.
Casin Bros.
BOSTON, MASS.
Constr. Specs. Co.
BROOKFIELD, ILL.
Best Sup. Co.
BUFFALO, N. Y.
Riverside Gar. Const. Co.
CAMBRIA HEIGHTS, N. Y.
Carl Beyer
CAMBRIDGE, OHIO
Andrews Lbr. Co.
CASPER, WYO.
Bartle Wooding Co.
CHICAGO, ILL.
Advance Woodworking Co.; Beverly Overhead Door; Builders Overhead Door Co.; Eagle Overhead Door; Harvey Lbr. Co.; Ho-Gar Builders; Vee-Sue Const. Co.
COS COB, CONN.
Frank J. Peters
DANBURY, CONN.
Berubire Lbr. Co.
DARIEN, CONN.
King's End Fuel Co.
DRYDEN, N. Y.
Baker Lbr. & Sup. Co.
DULUTH, MINN.
Holmbach Lbr. Co.
DUWEN, N. C.
Gedwin Bldg. Sup. Co.
E. FREETOWN, MASS.
Ed. W. Goodwin
E. LONGMEADOW, MASS.
E. Longmeadow Lbr. Co.; Forest Products Co.
EL PASO, TEX.
Rooker Lbr. & Sup.
ERIE, PA.
Better Built Gar.; Frontier Lbr. Co.
FRUITPORT, MICH.
Loppo Lbr. Co.
GLASGOW, PA.
J. H. Hommer Lbr. Co.
GLENS FALLS, N. Y.
Clayton G. Woodbury & Son
GRAND HAVEN, MICH.
Grand Haven Screen Co.
GRAND RAPIDS, MICH.
Supreme Lbr. Co.
HAMBURG, PA.
Buechley Millwork & Lbr.
HAMBURG, N. Y.
Forthum Lbr. & Coal
HANNONTON, N. J.
Mike Perna
HUNTINGDON, PA.
L. C. Anderson
JACKSON HEIGHTS, N.Y.
Calder Door Sales
JANESVILLE, WIS.
Gates Lbr. Co.
KANSAS CITY, MO.
All Purpose Gar. Co.
KINGSTON, N. Y.
Miron Bldg. Prods. Co.
LAKEWOOD, COLO.
Lakewood Door Co.
LEBANON, PA.
Roy H. Risser
LEWISTON, ME.
Twin City Overhead Door
LEXINGTON, KY.
Midmonth Supply Co.
LIMA, OHIO
Lima Lbr. Co.
LORAIN, OHIO
Howley Hdw. Co.
MANOPAC, N. Y.
Charles L. Bloomer
MANITOWOC, WIS.
Nagel Ave Supply Co.
MILTON, MASS.
Builders Acres Co.
MILWAUKEE, WIS.
J. W. Gaylord & Co.
MINNEAPOLIS, MINN.
Golden Hills Kitchen Spec.

MORRISTOWN, N. J.
Calder Door Sales
MUSKOGEE, MICH.
W. A. Jones Co.
MURFREESBORO, TENN.
Haynes Bros. Sup.
NEW ALBANY, IND.
L. Thorn Co.
NEW BEDFORD, MASS.
New Bedford Lbr. Corp.
NEWBURGH, N. Y.
Miron Lbr. Corp.
NORFOLK, VA.
E. W. Hudgins & Son
NORWICH, CONN.
Lambert Aluminum Prod.
OAKLAND, MD.
Aron Associates
OCEANSIDE, N. Y.
Oceanstate Sash & Door Co.
ODESSA, TEX.
T & E Builders Sup.
OSWEGO, N. Y.
Neal-O'Brien Lbr. Co.
PANYSKETT, E. I.
J. E. Bahltz & Sons
PEEKSKILL, N. Y.
Calder Door Sales
PERU, N. Y.
Frank S. Wilson
PHILADELPHIA, PA.
Danish & Wiles Co.
PITTSBURGH, PA.
Calder Overhead Door
PORT JERVIS, N. Y.
Horn's Coal & Lbr.
POTTSVILLE, PA.
Buechley Lbr. Fds.
POUNCEVILLE, N. Y.
McDonnell Brothers
PUNXSUTAWNEY, PA.
The Anderson Co.
RACINE, WIS.
Racine Overhead Gar. Door
RAPID CITY, S. D.
Black Hills Millwork
RICHMOND, VA.
J. S. Archer Co.
ROCHESTER, MINN.
Builders Hardware Sup. Co.
ROCHESTER, N. Y.
Nichols-Wyman, Inc.
SAGINAW, MICH.
Acme Block & Sup. Co.
ST. LOUIS, MO.
Reliable Screen Co.
SALEM, OHIO
Salem Concrete & Sup. Co.
SKAREATELES, N. Y.
Skareateles Sup. Co.
SO. BELLINGHAM, MASS.
Dalpe & Plouffe
SOUTH BEND, IND.
Building Material Spec. Co.
SOUTH BERLIN, MASS.
A. Kiss & Sons
SO. BARTMOUTH, MASS.
W. T. King Lbr. Co.
SO. WINDHAM, ME.
L. C. Andrew
STURGEON BAY, WIS.
Norbert Ehlers
SYRACUSE, N. Y.
Chapman Lbr. Co.
YORNINGTON, CONN.
Schiller's Mart
WILLUGHBY, OHIO
Getzer Overhead Door Co.
YORK, PA.
Wolf Supply Co.
YOUNGSTOWN, OHIO
Builder's Supply & Service
ZANESVILLE, OHIO
W. F. Manley

**CERTAIN-TED PRODUCTS CORP.
ARDMORE, PA.**

District Offices

Atlanta, Ga.
Chicago, Ill.
Cleveland, Ohio
Dallas, Texas
Des Moines, Iowa
Detroit, Mich.
East St. Louis, Ill.
Jackson, Miss.
Kansas City, Mo.
Minneapolis, Minn.
Niagara Falls, N. Y.
Philadelphia, Pa.
Richmond, Cal.
Salt Lake City, Utah
Seattle, Wash.

R. G. COFFMAN CO., INC.
ORLANDO, FLA.

Wholesale Distributors

ALEXANDRIA, LA.
Davidson Sash & Door Co.

AMARILLO, TEX.
Jenkins Brick & Supply Co.

AUSTIN, TEX.
Davidson Sash & Door Co.

ATLANTA, GA.
Addison-Rubens, Inc.

BATON ROUGE, LA.
United Sash & Door Co.

BEDFORD, OHIO
Lumberman's Door & Trim

BILLINGS, MONT.
Williams Sash & Door Co.

BINGHAMTON, N. Y.
A. Robinson & Son, Inc.

BIRMINGHAM, ALA.
Birmingham Sash & Door Co.

BUFFALO, N. Y.
Whitmer-Jackson Co.

CEDAR RAPIDS, IOWA
Williams & Hunting Co.

CHARLOTTE, N. C.
Huttig Sash & Door Co., Inc.

CHICAGO, ILL.
Chicago Riverdale Lumber Co.

COLUMBUS, OHIO
Huttig Sash & Door Co., Inc.

CORPUS CHRISTI, TEX.
Builders Supply Co.; San Antonio Mch. & Supply Co.

DALLAS, TEX.
Huttig Sash & Door Co., Inc.

DENVER, COLO.
Richardson Lumber Co.

ELLENVILLE, N. Y.
Marvin Millwork, Inc.

FLINT, MICH.
Flint Sash & Door Co.

GRAND RAPIDS, MICH.
Porter-Hadley Co.

HARLINGEN, TEX.
Southmost Sash & Door Co.

HOUSTON, TEX.
Houston Sash & Door Co.

JACKSON, MISS.
Jackson Sash & Door Co.

JACKSONVILLE, FLA.
Huttig Sash & Door Co., Inc.

CONNOR ENGINEERING CORP.
DANBURY, CONN.

ALBANY, N. Y.
Colonial Heating Equipment; Interstate Plumbing Supply; Rex Clay Products Co.

AUBURN, ME.
Teaddle-Mitchell, Inc.

AUBURN, N. Y.
Rood Utilities, Inc.

AURORA, ILL.
Scott Wood & Metal Inc.

BAY CITY, MICH.
Duro Supply Co.

BOSTON, MASS.
Waverly Heating Supply

BRIDGEPORT, CONN.
Connecticut State Furnace Co.; Tower Heating Equipment

BUFFALO, N. Y.
George A. Knorr Co.; North Star Supply Co.; Rochester Oil Burning System

CHICAGO, ILL.
Active Supply Co.; Air-Heat Corp.

DALLAS, TEX.
Anstam Supply Div.

DANBURY, CONN.
Danbury Plumbing Supply

DEARBORN, MICH.
Warm Air Heating Supply Co.

GRAND RAPIDS, MICH.
The Butler-Young Co.

HARTFORD, CONN.
Eastern Furnace Supply Co., Inc.; Tarco Supply Co.

HEMPSTEAD, L. I., N. Y.
H. Sears & Sons

INDIANAPOLIS, IND.
Central Supply Co.

JAMAICA, L. I., N. Y.
M. M. Corvini

JERSEY CITY, N. J.
York Corrugating Co.

LANSING, MICH.
Contractors' Supply Co.

LONG BRANCH, N. J.
Atlantic Plumbing Supply Co.

LOUISVILLE, KY.
Hart Furnace Co.

MADISON, WIS.
Wisconsin Furnace Co.

MIAMI, FLA.
Bernard-Pesse

MILWAUKEE, WIS.
Wisconsin Furnace Supply Co.

MONTREAL, CANADA
Douglas Engineering Co., Ltd.

MUNCIE, IND.
Knappe Supply Co.

NASHVILLE, TENN.
Air Conditioning Sales & Service, Inc.

NEWARK, N. J.
Wallwork Brothers

NEWBURGH, N. Y.
Hagle Supply Co.

NEW HAVEN, CONN.
American Supply Co.; Elm City Plumbing Supply Co.; New Haven Store & Furnace Repair Co.

NEWTONVILLE, MASS.
Northeastern Equipment Co.

NORWALK, CONN.
County Supply Co.

PASSAIC, N. J.
M. Blazer & Sons; B. Kantor & Sons; Passaic Metal Products Co.

PLAINFIELD, N. J.
Sci-Semel

RED BANK, N. J.
Altex Pipe & Supply Co.; Miner Supply Co.

RIDGEWOOD, N. J.
Ridgewood Plumbing Supply

ROCHESTER, N. Y.
J. S. Carpenter, Inc.; Heating Supply Co.; Rochester Oil Burning System

ROCKFORD, ILL.
Mott Brothers Co.

ST. PETERSBURG, FLA.
K & W Supply House

SCOTCH PLAINS, N. J.
N. J. Heating & Air Conditioning Supply Co.

SOMERVILLE, MASS.
Belec Distributors

SPRINGFIELD, MASS.
Gray Supply Co.



CONSOLIDATED MACHINERY & SUPPLY CO.
LOS ANGELES, CAL.

BOISE, IDAHO
M. R. Priest & Sons

BURBANK, CAL.
Consolidated Machinery Corp.; Court Hardware Co.

CASPER, WYO.
Washing Hlrs. Service

DENVER, COLO.
Associated Builders Supply Co.; Denver Hardware Co.; Al Pinney & Associates

EL PASO, TEX.
Western Supply Co.

EUREKA, CAL.
H. H. Bulme Co., Inc.

FRESNO, CAL.
Sierra Machinery Co.

GARDENA, CAL.
Gosney Electric Tool Co.

GRAND JUNCTION, COLO.
The Biggs Kurta Co.

GREAT FALLS, MONT.
Carl Welsman & Son

HAWTHORNE, CAL.
United Hardware & Supply Co.

HOLLYWOOD, CAL.
Diamond Saw Corp.

HUNTINGTON PARK, CAL.
James Hardware Co.

IDAHO FALLS, IDA.
Arnold Machinery Co., Inc.

LANCASTER, CAL.
Dewert Lumber Co.

LAS VEGAS, NEV.
Inland Service & Supply

LIVINGSTON, MONT.
Builders Machinery Co.

LONG BEACH, CAL.
Jones Hardware Co.

LOS ANGELES, CAL.
Advance Saw Works; Atwood Machinery; Concrete Tie & Anchor Co.; Kemp Hardware & Lumber Co.; Mine & Mill Machine Co.; Mitchell Machinery Co.; Olympic Machinery Co.; Pacific Saw & Supply Co.; M. N. Thackberry; Wagner Machinery Co.; Westwood Electric Tool; Woodworkers Supply

MARYSVILLE, CAL.
Burbell Hardware Co.

DeVAC, INC.
MINNEAPOLIS, MINN.

BISMARCK, N. D.
Bardwell-Robinson

FARGO, N. D.
Bardwell-Robinson

MINNEAPOLIS, MINN.
Carr-Cullen; Curtis Companies, Inc.; A. A. Klindem & Sons; Lake Street Sash & Door

EZ-WAY SALES, INC.
SAINT PAUL PARK, MINN.

AKRON, OHIO
Akron Sash & Door Co.; Georgia Pacific Plywood Co.

ALBANY, MASS.
Seaboard Sales Corp.

ATLANTA, GA.
Beck & Gregg Hardware Co.; Central Woodwork, Inc.; Harbor Plywood Corp.; Zuber Lumber Co.

BALTIMORE, MD.
Berkens Company

BERWYN, ILL.
Berwyn Lumber Co.

BILLINGS, MONT.
Aldrich & Co.

BRIDGEWATER, MASS.
Seaboard Sales Corp.

BUFFALO, N. Y.
Whitmer-Jackson Co., Inc.; Milton O. Crockett Co.

STAMFORD, CONN.
Stamford Plumbers Supply Co.

SYRACUSE, N. Y.
Inland Supply Co.; W. H. Landers Co., Inc.; O'Donnell Distr. Inc.

TROY, N. Y.
Century Supply Co.

WASHINGTON, D. C.
Wilson Supply Co.

WATERBURY, CONN.
Torrington Supply Co.

WORCESTER, MASS.
R. E. Plumbing Supply

CHARLES CITY, IOWA
George P. Smith Co.

CHICAGO, ILL.
Curtis Companies, Inc.

CINCINNATI, OHIO
Acme Sash & Door Co.

CLEVELAND, OHIO
Georgia Pacific Plywood Co.

CLINTON, IOWA
Curtis Companies, Inc.

COLUMBUS, OHIO
Teachout Sash, Door & Glass Co.

DAYTON, OHIO
Dayton Sash & Door Co.

DENVER, COLO.
Hallack & Howard Lumber Co.

DES MOINES, IOWA
Carr & Moehl Co.

DETROIT, MICH.
C. L. Isen Co.

DUBUQUE, IOWA
Carr, Adams & Collier Co.

DULUTH, MINN.
Radford Company

EARLY, IOWA
Iowa Lumber & Supply Co.

EAST HARTFORD, CONN.
Seaboard Sales Corp.

ELLENVILLE, N. Y.
Marvin Millwork, Inc.

EVANSVILLE, IND.
Tri-State Sash & Door Co.

FORT WAYNE, IND.
Great Lakes Distributing Co.

FRANKLIN PARK, ILL.
Reserve Supply Cooperative Corp.

GRAND RAPIDS, MICH.
Grand Rapids Sash & Door Co.

HELENA, MONT.
Western Painting Co.

INDIANAPOLIS, IND.
Dealer's Wholesale Supply

JACKSONVILLE, FLA.
Harbor Plywood Corp.

KALAMAZOO, MICH.
Grand Rapids Sash & Door Co.

KANSAS CITY, MO.
American Sash & Door Co.

KIRKLAND, WASH.
Acme Millwork, Inc.

LACONA, N. Y.
Burt Lumber Co.

LANSING, MICH.
Grand Rapids Sash & Door Co.

LOGANSPOET, IND.
Great Lakes Distributing Co.

LONG ISLAND CITY, N.Y.
Royal Glass & Millwork Corp.

LOS ANGELES, CALIF.
John W. Koch & Son

LOUISVILLE, KY.
Byron Sash & Door Co.; Wholesale Supply Co.

MILWAUKEE, WIS.
Butler Hardware Co.

MINNEAPOLIS, MINN.
Curtis Companies, Inc.; Janney Sample Hill & Co.

MOLINE, ILL.
Wholesale Distributing Co.

NEWARK, N. J.
Royal Glass & Millwork Corp.

NEW ORLEANS, LA.
Southern States Iron Roofing Co.; Stratton-Baldwin Co., Inc.

NORFOLK, VA.
Inlton-Bundy Lumber Co.

OKLAND, CALIF.
Welsh & Brouse Co.

OKLAHOMA CITY, OKLA.
Harold C. Parker & Co., Inc.

OMAHA, NEB.
Adams & Kelly Co.

WINNEAPOLIS, WIS.
Radford Co.

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PEORIA, ILL.
Bramlett & Co.; Wahfeld Manufacturing Co.

PHILADELPHIA, PA.
Philadelphia Reserve Supply Co.

PHOENIX, ARIZ.
Baker - Thomas - Woolley Wholesale, Inc.

PITTSBURGH, PA.
Georgia Pacific Plywood Corp.

PORTLAND, ORE.
Western Door & Plywood Co.

PROVIDENCE, R. I.
Seaboard Sales Corp.

QUINCY, ILL.
Alder Sales Corp.

RAPID CITY, S. D.
Knecht's Wholesale Lumberman's Supply

ROCHESTER, N. Y.
Concord Millwork Corp.

ROBY MOUNT, VA.
E. O. W. Distributors

ST. LOUIS, MO.
Ruplelight Hardware Co.

ST. PAUL, MINN.
Farwell, Ozmun, Kirk & Co.; Reserve Supply Co.

SALT LAKE CITY, UTAH
Alder Sales Corp.

SCRANTON, PA.
Robbins Door & Sash Co.

SIOUX CITY, IOWA
Curtis Companies, Inc.

SIOUX FALLS, S. D.
Jordan Millwork Co.

SOUTH BEND, IND.
Great Lakes Distributing Co.

SPokane, WASH.
Spokane Hardware Supply, Inc.

SPRINGFIELD, ILL.
Material Supply Co.

SPRINGFIELD, MO.
Toombs & Co.

STEVENS POINT, WIS.
Vetter Manufacturing Co.

TAMPA, FLA.
Krauss Bros. Lumber Corp.

TARRYTOWN, N. Y.
Goldberg Building Supply

TOLEDO, OHIO
Alen & Smith Co.

TORONTO, ONTARIO, CANADA
The Compact Ladder Co.

TRAVERSE CITY, MICH.
Grand Rapids Sash & Door Co.

ORIONVILLE, CONN.
Goldberg Building Supply Co.

WASHINGTON, D. C.
Johnson & Wimsatt, Inc.

WATERLOO, S. D.
Waterloo Sash & Door Co.

WATERVLIET, N. Y.
Marvin Millwork, Inc.

WAUSAU, WIS.
Curtis Companies, Inc.

WEST ALLIS, WIS.
Wilbur Warehouse & Sales Co.

EZ-WAY SALES, INC., cont'd.

WEST SOMMERVILLE, MASS.
Builders Specialty & Hardware Corp.
WESTVILLE, N. J.
Johnson & Wimsatt, Inc.

FASTENER CORP. CHICAGO, ILL.

ATLANTA, GA.
Staple Fastener Co.
SALTIMORE, MD.
Duo-Fast Maryland Co.
BIRMINGHAM, ALA.
Albright Duo-Fast Co.
BUFFALO, N. Y.
Duo-Fast of Western N. Y.
CEDAR RAPIDS, IOWA
Duo-Fast Iowa Co.
CHARLOTTE, N. C.
Duo-Fast Carolina, Inc.
CHICAGO, ILL.
Duo-Fast Company
CINCINNATI, OHIO
Ohio Staple Machine Service
CLEVELAND, OHIO
Great Lakes Shippers Supply Co.
DALLAS, TEX.
Duo-Fast Southwest
DENVER, COLO.
Cartonery-Denver Co.
DETROIT, MICH.
Duo-Fast Michigan Co.
EAST HARTFORD, CONN.
Duo-Fast Northeast
GRAND FORKS, N. D.
R. J. Binn Co.
INDIANAPOLIS, IND.
Duo-Fast of Indiana
LITTLE ROCK, ARK.
Nigelow Robinson Co.
LOS ANGELES, CALIF.
Fastener Corp.
MADISON, WIS.
Duo-Fast Wisconsin Co.

FAWSCO MANUFACTURING DIVISION FALLS STAMPING AND WELDING CO. CUYAHOGA FALLS, OHIO

ADA, OKLA.
Adams Lumber & Supply Co.
AKRON, OHIO
Perma Construction Co.
ALEXANDRIA, LA.
Mill Hattie & Co.
ALLENTOWN, PA.
Penn Aluminum Construction Co.
ALLIANCE, OHIO
Alliance Hardware Co.
ANDERSON, IND.
Davies Coal & Supply
BAGLEY, WIS.
Wals Lumber Co.
BOWLING GREEN, KY.
Borner Brothers
BOWLING GREEN, OHIO
Avery Coal & Supply Co.
BREKSVILLE, OHIO
Quality Builders
BUFFALO, N. Y.
Buffalo Home Institution Co.
CAMBRIDGE, MASS.
Wm. B. Simpson, Inc.
CEAR GROVE, N. J.
Pompton Sales Co.
CHARLES CITY, IOWA
The Oliver Corp.
CHEYENNE, WYO.
E. H. Dutcher & Son
CHICAGO, ILL.
Alexander Warehouse & Sales
CHIPPWA LAKE, OHIO
Chippewa Elevator
CINCINNATI, OHIO
Klimat Master Aluminum Products; Rose Bros. Co.
CLAIRSVILLE, OHIO
St. Clair Lumber Co.
CLAYTON, MO.
Cumfert Distributing Co.
CLEVELAND, OHIO
Great Lakes Improvement Co.; Chan. E. Phipps Co.; Bone, Howe Construction Co.
COLUMBUS, OHIO
Columbus Pipe & Equipment Co.
CONCORD, MICH.
Concord Lumber Co.
CORNING, N. Y.
Corning Building Co.
CRAB ORCHARD, W. VA.
Gray Lumber & Supply Co.
DAYTON, OHIO
Israel Metal Builders Supply

WHEELING, W. VA.
W. A. Wilson & Son, Inc.
WICHITA, KAN.
United Sash & Door Co.
WILKES BARRE, PA.
Robbins Door & Sash Co.

MEMPHIS, TENN.
George B. Douglas
MIAMI, FLA.
Duo-Fast Sales Co.
NASHVILLE, TENN.
Ben Edmondson Co.
NEW ORLEANS, LA.
Business Control, Inc.
NEW YORK, N. Y.
Sartori Duo-Fast Corp.
OHAMA, NEB.
S. Rickes & Sons
PHOENIX, ARIZ.
Klatier Industrial Service
PITTSBURGH, PA.
Duo-Fast Pittsburgh
PLYMOUTH, ORE.
Duo-Fast Oregon
RICHMOND, VA.
Duo-Fast Virginia, Inc.
ST. LOUIS, MO.
Shipping Utilities
ST. PAUL, MINN.
Duo-Fast Northwest
SAN FRANCISCO, CALIF.
Standard Staple Co.
SEATTLE, WASH.
W. G. Roynton Co.
SYRACUSE, N. Y.
Crom-Glase Co., Inc.
TORONTO, ONTARIO, CANADA
Canadian Staples, Ltd.
TULSA, OKLA.
Alexander Sales Co.
WASHINGTON, D. C.
John Hughes Co.

ONEIDA, N. Y.
Hannlin Lumber Co.
OSWEGO, N. Y.
Neal O'Brien Lumber Co.
OWINGSVILLE, KY.
Byron Hardware Co.
PHILADELPHIA, PA.
L. Canter & Son; Wm. Spencer Co.
PITTSBURGH, PA.
Wm. T. Leggett Co.
POMEROY, OHIO
Dale Whipple
PRINCETON, N. J.
Matthews Construction Co.
RENO, NEV.
Gen. A. Proban, Inc.
RICHMOND, KY.
Blue Grass Hardware Co.
RICHMOND HILL, L. I., N. Y.
Richmond Hill Tinmith Supply
ROCKFORD, ILL.
United Lumber Co.
SALEM, IND.
Shrum-Van Meter Supply Co.
SALISBURY, MD.
Robert L. Cannon
SARATOGA SPRINGS, N. Y.
Westside Building Supply

SASKATOON, SASK., CANADA
H. H. Hald Construction Co.
SPRINGFIELD, MASS.
Carlisle Hardware Co.
TOLEDO, OHIO
Toledo Builders, Jobbers & Dist.; The Vleon Supply Co.
TROY, N. Y.
Goldberg Building Material Corp.
TUPELO, MISS.
Lee Wholesale Co.
UTICA, N. Y.
Gilbert Wholesale Supply Corp.
WALKERVILLE, ONT., CANADA
Ladore & Co., Ltd.
WHEELING, W. VA.
Scott Lumber Co.
WHITE PLAINS, N. Y.
Cromway Construction Co.
WILLIAMSON, W. VA.
Westcott & Sons, Inc.
WILLIAMSPORT, PA.
Lundy Lumber Co.
WINONA, MINN.
Bestford Lumber Co.

SOUTH BEND, IND.
Getzmeier Heating Co.
SYRACUSE, N. Y.
General Heating & Appliances; Mantri Heating Service
TRENTON, N. J.
A. B. C. Furnace Co.

TOLEDO, OHIO
Blomson & Lewis; Swastack Brothers
UTICA, N. Y.
Valley Supply Co.
WASHINGTON, D. C.
Perrin & Martin
YOUNGSTOWN, OHIO
Manufacturers Supply, Inc.

GENERAL ELECTRIC CO. COSHOCTON, OHIO**Textolite Distributors**

ALBANY, N. Y.
Butland Lbr. Co., Inc.
ALBUQUERQUE, N. M.
Jay Grear, Inc.
ATLANTA, GA.
Atlanta Oak Flooring Co.
AUGUSTA, GA.
Wm. M. Bird & Co., Inc.
BALTIMORE, MD.
Duraflex Corp.
BATON ROUGE, LA.
Tulane Hardwood Lumber Co.
BIRMINGHAM, ALA.
Birmingham Sash & Door Co.
BROOKLYN, NEW YORK, N. Y.
Roddiss Plywood & Door Co.
BUFFALO, N. Y.
Plywood Fabricators
CAMBRIDGE, MASS.
Roddiss Plywood & Door Co.
CHARLESTON, S. C.
Wm. M. Bird & Co., Inc.
CHARLOTTE, N. C.
Roddiss Panel & Door Co.
CHATTANOOGA, TENN.
Atlanta Oak Flooring Co.
CHICAGO, ILL.
Bob Meyer, Inc.; Roddiss Co.
CINCINNATI, OHIO
Roddiss Panel & Door Co.
CLEVELAND, OHIO
Roddiss Panel & Door Co.
COLUMBIA, S. C.
Wm. M. Bird & Co., Inc.
COLUMBUS, OHIO
Wyoff Sales Co.
DALLAS, TEX.
Macneer, Inc.
DENVER, COLO.
Downs Supply Co.
DETROIT, MICH.
Roddiss Lumber & Veneer Co.
EL PASO, TEX.
Neff-Buckner-Holt, Inc.
HAWAII
American Factors, Ltd.
HARTFORD, CONN.
Spear-Newman, Inc.
HILS, HAWAII
American Factors, Ltd.
HONOLULU, HAWAII
American Factors, Ltd.
HOUSTON, TEX.
Wm. Cameron Co.
HAMMOND, IND.
Indiana Sheet Metal Works
HOLLAND, MICH.
Peerholt Sheet Metal Co.
INDIANAPOLIS, IND.
Binkley Furnace Co.
JACKSON, MICH.
Ajax Sheet Metal Co.
KALAMAZOO, MICH.
DeHaan Heating & Roofing Co.
LANSING, MICH.
E. H. Ward Co.
LOUISVILLE, KY.
Palme Furnace & Plating
MUSKOGEE, MICH.
Lafgren Sheet Metal Co.
NEW BRIGHTON, PA.
Frank J. Coogan Co.
NIAGARA FALLS, N. Y.
Burns Heating & Sheet Metal
NORFOLK, VA.
Webster Corp.
ONEIDA, N. Y.
Gerhard Benz
PITTSBURGH, PA.
A. H. Johnson Co.
PONTIAC, MICH.
Ryan French
ROCHESTER, N. Y.
Fred Kalbsch & Son
SAGINAW, MICH.
Herzberg & Byron
SANDUSKY, OHIO
Sandusky Wholesalers
SCRANTON, PA.
Dulson-Anderson Co., Inc.

FLUSH WALL RADIO CO. CLEARWATER, FLA.

ADAMS, MASS.
R. T. Arnold Lumber Co.
AKRON, OHIO
Wholesale Distributors Co.
ALEXANDRIA, LA.
United Distributors and Building Specialties, Inc.
BALTIMORE, MD.
The Baltimore Gas Light Co.; Exello Public Service Corp.
KILGORE, TEX.
Boeticher Lumber Co., Inc.
LONG BEACH, CALIF.
Walters Wholesale Electric Co.
MAMARONECK, N. Y.
Northeastern Wholesalers, Inc.
MEMPHIS, TENN.
Ruff City Dist. Co.
MISHAWAKA, IND.
Mishawaka Trailer Supply Co.
MOUNT HOPE, W. VA.
Beaver Lumber Co.
PAWTUCKET, R. I.
Apex Tire & Appliance
SANDUSKY, OHIO
McVetta Building Specialties
ST. PETERSBURG, FLA.
Welch Radio Supply Co.
WACO, TEX.
The Hargis Co., Inc.
WASHINGTON, D. C.
National Electric Wholesalers Inc.
WEST PALM BEACH, FLA.
Goddard Distributors
WILLOW GROVE, PA.
Willow Grove Lumber & Coal Co.
WORCESTER, MASS.
Benjamin Electric Supply Co.

FOREST CITY FOUNDRIES CO. NIAGARA FURNACE DIVISION CLEVELAND, OHIO

AKRON, OHIO
McCurdy Furnace & Foundry Co.
ANN ARBOR, MICH.
Shese & Koch, Inc.
BATAVIA, N. Y.
Baltimore Heating Co.
BATTLE CREEK, MICH.
Columbia Metal Services
BAY CITY, MICH.
Globe Heating Co.
BOSTON, MASS.
Steiner & Co., Inc.
BUFFALO, N. Y.
Calkins & Co.; Clinton Heating Supply Co.; Russell & Weigel
CANTON, OHIO
McCurdy Furnace & Foundry Co.
CHICAGO, ILL.
B. A. Johnson Sales Co.; Barry Olson, Inc.
CINCINNATI, OHIO
Cincinnati Stamping & Furnace Co.
CLEVELAND, OHIO
The Forest City Foundries Co.
COLUMBUS, OHIO
A. A. Furnace Co.; H. B. Haslett Furnace Co.; E. Weaver Furnace Co.
DAYTON, OHIO
Brake Heating Co.
DETROIT, MICH.
All Season Heating & Cooling Co.; Detroit Furnace & Store Repair Co.
DUNKIRK, N. Y.
Grebe & Son
ERIE, PA.
Neth & Co.
FALCONER, N. Y.
Thorpe & King, Inc.
FORT WAYNE, IND.
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SAN FRANCISCO, CALIF.
Roddisscraft, Inc.
SAN LEANDRO, CALIF.
Roddisscraft, Inc.
SEATTLE, WASH.
C. A. Newell Co.

SPRINGFIELD, MASS.
Spear-Newman of Hartford, Inc.
SPRINGFIELD, MO.
Southern Supply Co.
SYRACUSE, N. Y.
Ballpoint Supply Corp.
TAMPA, FLA.
Floor Covering Distributor

**GENERAL ELECTRIC CO.
WATERFORD, N. Y.**

Silicone Products Distributors

ANAHEIM, CALIF.
Lund & Son
BROOKLYN, N. Y.
Brooklyns
Timpen's Paint Pfd.
CAMBRIDGE, MASS.
Demey & Almy Chemical Co.; Ross Patrick
CHICAGO, ILL.
American-Marletta; Ceresit Waterproofing
DAYTON, OHIO
American Lubricants
EVERETT, MASS.
West Paint and Varnish
KANSAS CITY, MO.
Kansas City Builders Supply Co.
KING CITY, MO.
By Chemical Products
LODI, N. J.
Dux Paint Chemical Co.

LOS ANGELES, CALIF.
Super Concrete Emulsions; Synkalord Co.; Western Wood Preserving
MILWAUKEE, WIS.
Allen Bradley Co.
NEWARK, N. J.
Meadlo Duff Paint Co.; William Parr Co.; Universal Waterproofing
NEW YORK, N. Y.
Valpar Corp.
NEW EAGLE, PA.
Standard Dry Wall Products
PHILADELPHIA, PA.
Richardson Paint Co.
PROVIDENCE, R. I.
Cinder Product Co.
RACINE, WIS.
Racine Industries
SCHENECTADY, N. Y.
Desco Vitro Glaze
SEATTLE, WASH.
Common Campall Paint; Van Waters & Rogers
TAUNTON, MASS.
Nubrite Chemical

**GOODYEAR TIRE & RUBBER CO., INC.
AKRON, OHIO**

AKRON, OHIO
New Sales, Inc.
ATLANTA, GA.
Crawford & Thompson, Inc.
BIRMINGHAM, ALA.
Standard Floors Co.
BOISE, IDAHO
Riely Atkinson & Co.
BUFFALO, N. Y.
Seneca Floor Covering Distributors, Inc.
CAMBRIDGE, MASS.
United Distributors, Inc.
CHARLOTTE, N. C.
Household Distributors
CINCINNATI, OHIO
Kidelman Brothers
CLEVELAND, OHIO
New Sales, Inc.
COLUMBIA, GA.
Household Distributors
COLUMBUS, GA.
Phillips Flooring Distributors
COLUMBUS, OHIO
New Sales, Inc.
DALLAS, TEX.
Macates, Inc.
DENVER, COLO.
Dealers Supply Co.; Wholesale Flooring, Inc.
DES MOINES, IOWA
Seibert Distributing Co.
DETROIT, MICH.
Advance Floor Covering Distributors, Inc.
EVANSVILLE, IND.
Interstate Flooring Distributors Co.
FT. WAYNE, IND.
Inland Distributing Corp.
GREENSBORO, N. C.
Household Distributors
HARRISBURG, PA.
Columbia Distributing Co.
HARTFORD, CONN.
Associated Distributors, Inc.
HOUSTON, TEX.
Brinton & Co.
INDIANAPOLIS, IND.
Lawson Distributing Co.
KANSAS CITY, MO.
Central Distributing Co.
LEXINGTON, KY.
C & T Distributors, Inc.
LINCOLN, NEB.
Beitlerich-Field, Inc.
LITTLE ROCK, ARK.
May Supply Co.
LOS ANGELES, CALIF.
Century Floor Coverings, Inc.
LUBBOCK, TEX.
Newsum Distributing Co.
MANCHESTER, N. H.
Flywood Wholesale Co.
MIAMI, FLA.
National Floor & Supply
MILWAUKEE, WIS.
Wernett-Hudmarsh, Inc.

MINNEAPOLIS, MINN.
Bridon Sales Co.
MOBILE, ALA.
Taylor-Lowenstein & Co.
NASHVILLE, TENN.
Tennessee Valley Associates
NEWARK, N. J.
Akron Rubber Co.
NEW ORLEANS, LA.
Port Distributing Co., Inc.
NEW HAVEN, CONN.
Associated Distributors, Inc.
NEW YORK, N. Y.
Akron Rubber Co.
NORFOLK, VA.
Hillman Co., Inc.
OKLAHOMA CITY, OKLA.
Cherokee Distributors, Inc.
OMAHA, NEB.
Hoffertich-Field, Inc.
ORLANDO, FLA.
National Floor & Supply Co.
PADUCAN, KY.
Interstate Flooring Distributors Co.
PHILADELPHIA, PA.
Bess & Jones
PITTSBURGH, PA.
National Floors, Inc.
PORTLAND, ORE.
Tourtelotte, Factor
REDWOOD CITY, CALIF.
Trinity Industries
RICHMOND, VA.
Hillman Wholesale Corp.
ROCHESTER, N. Y.
Floor Mart Wholesale Co.
ST. LOUIS, MO.
Hannigan & Crawford, Inc.
SALT LAKE CITY, UTAH
Mountain States Rubber Co.
SAN ANTONIO, TEX.
Traffon Tile & Insulation Co.
SAN DIEGO, CALIF.
Century Floor Covering Co.
SEATTLE, WASH.
Tourtelotte, Factor
SHREVEPORT, LA.
Vulcan Equipment & Supply Co.
SILVER SPRING, MD.
Flooring Wholesalers, Inc.
SPRINGFIELD, ILL.
Material Supply Co.
SYRACUSE, N. Y.
Macon Distributors, Inc.
TAMPA, FLA.
National Floor & Supply Co.
TROY, N. Y.
Hoffman Building Material Co.
WEST SPRINGFIELD, MASS.
Associated Distributors, Inc.
WICHITA, KAN.
General Distributors, Inc.

**Higgins
WOOD BLOCK
NEW ORLEANS, LA.**

ARLINGTON, VA.
Jas. Melrose Wood Floors
BALTIMORE, MD.
Hardwood Block Flooring of Mt.
BEATRICE, NEB.
Sack Lumber & Coal Co.
BINGHAMTON, N. Y.
J. R. Garrett Co., Inc.
BUFFALO, N. Y.
Perma-Flex Floors, Inc.
CHARLESTON, W. VA.
Asbestos & Insulating Co.
CHARLOTTE, N. C.
Building Specialty Dist. Inc.
CHICAGO, ILL.
Northwest Tile Co., Inc.
CINCINNATI, OHIO
F. A. Kamp Flooring Co.
CLEARWATER, FLA.
Rettis Modern Floors
CLEVELAND, OHIO
Euclid Distributing Co.
COCKEYSVILLE, MD.
McFann Distributing Co.
DAYTON, OHIO
Myron Corbish and Co.
DETROIT, MICH.
Foster for Floors
EL PASO, TEX.
Southwest Acoustical Co.
EVANSVILLE, IND.
Loring Wholesale, Inc.
FORT MYERS, FLA.
Fox Flooring Co.
FORT WAYNE, IND.
Tri-State Insulation & Equip. Co.
GAINESVILLE, FLA.
Contractors Supply
HARTFORD, CONN.
M. Frank Higgins Co.
HOBOKEN, N. J.
Hoboken Wood Flooring Corp.
HOUSTON, TEX.
Paul Collins Co., Inc.; Paramount Floor Co.
INDIANAPOLIS, IND.
Cushon Wholesale Inc.
JACKSONVILLE, FLA.
P. M. Odum & Sons
KANSAS CITY, MO.
Russell & Green and son
KANSAS CITY, MO.
Citywide Floor Service
KENT, OHIO
Plastic Industries Inc.
KNOXVILLE, TENN.
Bright Distributing Co.
LAKE KATRINE, N. Y.
Parish Limestone & Tile Co.
LAKELAND, FLA.
New Sales, Inc.
LOS ANGELES, CAL.
Galleher Hardwood Co.
LOUISVILLE, OHIO
The Colonial Foundry Co.
LUBBOCK, TEX.
R. B. Walden & Co.
MACON, GA.
Macon Brick & Block Co.
MINNEAPOLIS, MINN.
W. A. Gerrard Co.
MOBILE, ALA.
Mobile Tile Co.
MONROVIA, CAL.
Virginia Hardwood Co.
MONTGOMERY, ALA.
Southern Sash Sales & Supply Co.
MONTREAL, QUEBEC, CANADA
Unique Sash Balance Co., Ltd.
BALTIMORE, MD.
Colum-Merriam Co.; Whitehead Metal Products, Inc.
BLOOMFIELD, N. J.
Frazier Industrial Co.
BUFFALO, N. Y.
Whitehead Metal Products, Inc.
CINCINNATI, OHIO
Williams & Co.
CLEVELAND, OHIO
Williams & Co.
COLUMBUS, OHIO
Williams & Co.
DALLAS, TEX.
Metal Goods Corp.
HOBOKEN, N. J.
Corwell & Underhill, Inc.

NEW ORLEANS, LA.
W. P. Curry Lumber Co.; Higgins Marine Sales
NORFOLK, VA.
J. C. Law & Son
ORANGE, CALIF.
W. I. White Lumber Co.
PANAMA CITY, FLA.
Chasers-Fishband Dist. Co.
PHILADELPHIA, PA.
Harold N. Davis Co.
PITTSBURGH, PA.
Wholesale Distributors
PORT ARTHUR, TEX.
Jeffco Lumber Co.
PROVIDENCE, R. I.
Fain's Floor Covering
RAHWAY, N. J.
Prime Section Flooring Co.
Raleigh, N. C.
R. L. Dresser
ROCHELLE, ILL.
Leader Material Co.
ROCHESTER, N. Y.
Genesee Floors
SACRAMENTO, CALIF.
Richmond Floor Co.
ST. LOUIS, MO.
The Hamilton Co.
SAN ANTONIO, TEX.
Joe Thiele, Inc.
SAN DIEGO, CALIF.
Baker Hardwood Lumber Co.
SAN FRANCISCO, CALIF.
Golden State Flooring Co.; J. E. Higgins Lumber Co.; Standard Commercial Co.
SARASOTA, FLA.
De Soto Tile Co.
SAVANNAH, GA.
Lincolnton & Shade Shop
SEATTLE, WASH.
Ehrlich-Harrison Co.; Lundwick & Brown Flooring Co.
SHEFFIELD, ALA.
Southern Sash Sales & Supply Co.
SHREVEPORT, LA.
Building Service Co.
SOMERVILLE, MASS.
Annalachian Flooring Co.
SOUTH BEND, IND.
Rob Rans Wholesale Co., Inc.
SPRINGFIELD, ILL.
George Grimmelt & Co.
SYRACUSE, N. Y.
Floor Contracting Co., Inc.
TOLEDO, OHIO
Mayfair Lumber & Supply Co.
TOPEKA, KAN.
Topeka Builders Supply
TORONTO, ONTARIO, CANADA
Unique Sash Balance Co., Ltd.
TREXLETTOWN, PA.
G. H. Boston
TULSA, OKLA.
J. C. Yoho Co.
VANCOUVER, B. C., CANADA
Hardwood Milling Co., Ltd.
WHITTIER, CAL.
McFarley Lumber & Flooring Co.
WINNIPEG, CANADA
Bergmar Sales, Ltd.

**HOLLAENDER MFG. CO.
CINCINNATI, OHIO**

HOUSTON, TEX.
Metal Goods Corp.
JACKSONVILLE, FLA.
Florida Metals, Inc.
LOS ANGELES, CALIF.
McKinley Equipment Co.; Pacific Metals Co., Ltd.
LOUISVILLE, KY.
Williams & Co.
MIAMI, FLA.
Florida Metals, Inc.
NEW ORLEANS, LA.
Metal Goods Corp.
NEW YORK, N. Y.
Whitehead Metal Products, Inc.
NORTH KANSAS CITY, MO.
Metal Goods Corp.

PHILADELPHIA, PA.
Whitehead Metal Products, Inc.
PHOENIX, ARIZ.
Pacific Metals Co., Ltd.
PITTSBURGH, PA.
Williams & Co.
PORTLAND, ORE.
Pacific Metal Co.
ST. LOUIS, MO.
Metal Goods Corp.
SALT LAKE CITY, UTAH
Pacific Metals Co., Ltd.
SAN FRANCISCO, CALIF.
Pacific Metals Co., Ltd.
SEATTLE, WASH.
Pacific Metal Co.

SYRACUSE, N. Y.
Whitehead Metal Products, Inc.
TAMPA, FLA.
Florida Metals, Inc.
TOLEDO, OHIO
Williams & Co.
TULSA, OKLA.
Metal Goods Corp.
Also by all branches of American Radiator & Standard Sanitary Corp.
CRANE, CO.
Inland Supply Co.
A. Y. Mcdonald Mfg. Co.
Noland Co.



HOLLY MFG. CO.

Pasadena, Calif.

ATLANTA, GA.
Thompson Co.
BILLINGS, MONT.
American Appliance Co.
CHICAGO, ILL.
Gunn & Peggelaw, Inc.
DALLAS, TEX.
Triangle Supply Co.
DENVER, COLO.
Climatic Supply Co.
DETROIT, MICH.
F. C. Moran & Son
EUREKA, CALIF.
Eureka Supply Co.
FRESNO, CALIF.
The Grinnell Co.
HOUSTON, TEX.
Bryant-Anderson Co.
KANSAS CITY, MO.
Reeves-Wiseman Supply Co.
LOS ALTOS, CALIF.
D. S. Kirtley
LOS ANGELES, CALIF.
Holly Mfg. Co.
MEMPHIS, TENN.
Central Supply Co.
MINNEAPOLIS, MINN.
Roberts-Hamilton Co.
MODESTO, CALIF.
Slakey Bros., Inc.
OAKLAND, CALIF.
Slakey Bros., Inc.

OKLAHOMA CITY, OKLA.
Norman Plumbing Supply Co.
PHOENIX, ARIZ.
Geotil Bros.
RICHMOND, VA.
Sales Eastern, Inc.
SACRAMENTO, CALIF.
Slakey Bros., Inc.
ST. LOUIS, MO.
Lowell A. McCord
SALT LAKE CITY, UTAH
John B. Woods Co.
SAN ANTONIO, TEX.
Central Distributing Co.
SAN CARLOS, CALIF.
State Plng. & Htg. Supplies
SAN DIEGO, CALIF.
State Plumbing & Htg. Supplies; Kitzman's Plng. & Htg.
SAN FRANCISCO, CALIF.
D. S. Kirtley
SAN JOSE, CALIF.
Slakey Bros., Inc.
SANTA ROSA, CALIF.
Remone Supply Co.
SEATTLE, WASH.
Ted R. Kobervig
STOCKTON, CALIF.
Delta Pipe & Supply
TAMPA, FLA.
Tames Supply

**JAEGER MACHINE CO.
COLUMBUS, OHIO**

ALBANY, GA.
R. S. Armstrong & Bro. Co. of Albany
ALBUQUERQUE, N. M.
J. D. Coggins Co.
AMARILLO, TEX.
Falmars Machinery Co.
ATLANTA, GA.
R. S. Armstrong & Bro. Co.
AUGUSTA, ME.
Murray Machinery Co.
BALTIMORE, MD.
John E. Lewis Co., Inc.
BARRE, VT.
Interstate Equipment & Supplies Co., Inc.
BATON ROUGE, LA.
Southern Equipment & Tractor Co. of Baton Rouge, Inc.
BIRMINGHAM, ALA.
Tractor & Equipment Co., Inc.
BOISE, IDAHO
The Sawtooth Co.
BUFFALO, N. Y.
Ruff Equipment Co.
ALTA., CANADA
Purves Ritchie Limited
CANTON, OHIO
Marks Tractor & Equipment Co.
CEDAR RAPIDS, IOWA
Williams & Co. Equipment Co.
CHARLESTON, W. VA.
Walker Machinery Co.
CHARLOTTETOWN, P.E.I., CANADA
A. Pickard Machinery, Limited
CHATTANOOGA, TENN.
Osborne Equipment Co.

CHEYENNE, WYO.
Wortham Machinery Co.
CHICAGO, ILL.
Arrow Contractors Equipment Co.
CINCINNATI, OHIO
Hilkey Equipment Co.
CLEVELAND, OHIO
Marks Tractor & Equipment Co.
COLUMBUS, OHIO
Larson Equipment Co.
DALLAS, TEX.
Browning-Ferris Machinery Co.
DAYTON, OHIO
Flack Equipment Co.
DECATUR, ALA.
Tractor & Equipment Co., Inc.
DENVER, COLO.
Western Machinery Co.
DES MOINES, IOWA
Hawkeye Machinery Co.
DETROIT, MICH.
Cyril J. Burke, Inc.
EAU CLAIRE, WIS.
Miller, Bradford & Bischoff, Inc.
EL PASO, TEX.
Borner Machinery Co.
FARGO, N. D.
Dakota Tractor & Equipment Co.
FLUSHING, L. I., N. Y.
Jaeger-Lomb Machine Corp.
FORT WAYNE, IND.
Korte Bros., Inc.
FREDERICTON, N. B., CANADA
Tractors & Equipment Limited
GALLIPOLIS, OHIO
Birchoff Machinery Co.

JAEGER MACHINE CO., cont'd.

GRAND RAPIDS, MICH.
Don F. Nickel Equipment Co.

GREAT FALLS, MONT.
Central Machinery Co.

GREEN BAY, WIS.
Rebner Machinery Co.

HALIFAX, NOVA SCOTIA, CANADA
Foulis Engineering Sales, Ltd.

HAMMOND, IND.
Conway Coligan Corp.

HARRISBURG, PA.
Highway Equipment & Supply Co.

HONOLULU, HAWAII
Edward R. Bascom Co. of Hawaii, Ltd.

HOUSTON, TEX.
Browning Ferris Machinery Co.

HUNTINGTON, W. VA.
Contractors Equipment & Supply Co.

INDIANAPOLIS, IND.
A. F. Deaney Co.

JACKSON, MISS.
Cloutier, Inc.

JACKSONVILLE, FLA.
Florida-Georgia Tractor Co.

KNOXVILLE, TENN.
Odette Equipment Co.

LAKELAND, FLA.
Florida-Georgia Tractor Co.

LIMA, OHIO
Lima-Flack Co.

LOS ANGELES, CAL.
Smith Booth Usher Co.

LOUISVILLE, KY.
Wayne Supply Co.

MARQUETTE, MICH.
Rebner Machinery Co., Inc.

MEMPHIS, TENN.
Cloutier, Inc.

MIAMI, FLA.
Lowell Machinery Corp.

MILWAUKEE, WIS.
Prime Best, Inc.

MINNEAPOLIS, MINN.
George T. Ryan Co.

MOBILE, ALA.
Turner Supply Co.

MONROE, LA.
Southern Equipment & Tractor Co. of Monroe, Inc.

MONTGOMERY, ALA.
Ray Brooks Machinery Co., Inc.

MONTREAL, QUEBEC, CANADA
The General Supply Co. of Canada, Ltd.

MORTON, ILL.
A. E. Hudson Co.

NASHVILLE, TENN.
McCarthy, Jones & Woodward

NEW HAVEN, CONN.
Casey-Cosser Equipment Corp.

NORFOLK, VA.
Hampton Roads Tractor & Equipment Co.

NORTH KANSAS CITY, MO.
Bullitts Machinery Co.

NORTH PLATTE, NEB.
Nebraska Machinery Co.

OKLAHOMA CITY, OKLA.
Wylie-Stewart Machinery Co., Inc.

OWAHA, NEB.
T. B. Methane Co., Inc.

OTTAWA, ONTARIO, CANADA
The General Supply Co. of Canada, Ltd.

PHILADELPHIA, PA.
Service Supply Corp.

PHOENIX, ARIZ.
Shriver Machinery Co.

PITTSBURGH, PA.
Highway Equipment Co.

PLATTSBURG, N. Y.
Vincent S. Jerry & Sons, Inc.

PORTLAND, ORE.
Nelson Equipment Co.

RALEIGH, N. C.
North Carolina Equipment Co.

REGINA, SASK., CANADA
R. J. Pye Equipment, Ltd.

RENSSELAER, N. Y.
Van's Equipment Sales, Inc.

RICHMOND, VA.
Capital Equipment Co., Inc.

ROANOKE, VA.
Carter Machinery Co., Inc.

ROCHESTER, N. Y.
Rupp Equipment Co.

ST. JOHN'S, NEWFOUNDLAND, CANADA
Newfoundland Tractor & Equipment Co., Ltd.

ST. LOUIS, MO.
Machinery, Inc.

SALT LAKE CITY, UTAH
Western Machinery Co.

SAN ANTONIO, TEX.
Contractors Machinery Co.

SAN FRANCISCO, CAL.
Edward R. Bascom Co.

SEATTLE, WASH.
A. H. Cox & Co., Yukon Equipment Co.

SIDNEY, MONT.
Tractor & Equipment Co.

SIOUX FALLS, S. D.
Empire Equipment Co.

SPokane, WASH.
Western Machinery Co.

SPRINGFIELD, MASS.
Eastern Equipment Sales, Inc.

SPRINGFIELD, N. J.
Jaeger-Lembo Machine Corp.

SYRACUSE, N. Y.
Rupp Equipment Co.

TOLEDO, OHIO
Flack Equipment Co.

TORONTO, ONTARIO, CANADA
M. L. Baxter Ltd.

TULSA, OKLA.
Wylie-Stewart Machinery Co., Inc.

VANCOUVER, B. C., CANADA
Purves Ritchie Ltd.

WARREN, OHIO
Dort Clark Co.

WASHINGTON, D. C.
John C. Louis Co., Inc.

WEST COLUMBIA, S. C.
Van Lott, Inc.

WEST MEDFORD, MASS.
Builders' Equipment & Supplies Co.

WICHITA, KAN.
Bullitts Machinery Co.

WINNIPEG, MANITOBA, CANADA
Howard F. Powell Co.

LAKE DRIVE PRODUCTS CO. EDGERTON, WIS.

CARLINVILLE, ILL.
Madden Cabinet Shop

CELINA, OHIO
Martz Cabinet Co.

COLUMBUS, WEB.
Grotehnen Wood Works

DAYTON, OHIO
Carl's Cabinet Shop

HUTCHINSON, KAN.
Woodwork Manufacturing Co.

MADISON, WIS.
Wolf, Kubly & Hirsig

MARCUS, IOWA
Harold W. Peterson

MATAWAN, N. J.
Edward Bromey

NEW YORK CITY, N. Y.
Albert Constantine & Son

PAINESVILLE, OHIO
Laird Lumber Co.

PORTSMOUTH, N. H.
L. L. Peasey Co., Inc.

ROCHESTER, IND.
Gottlieb Ruede

ROCKFORD, ILL.
City Lumber & Supply Co.; Nicholson Hardware Co.

ST. LOUIS, MO.
Morgan-Wightman Supply Co.

LIBBEY-OWENS-FORD GLASS CO. TOLEDO, OHIO

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Boston, Mass.
Buffalo, N. Y.
Charlotte, N. C.

Chicago, Ill.
Cincinnati, Ohio
Cleveland, Ohio
Dallas, Tex.
Dayton, Ohio
Denver, Colo.
Detroit, Mich.
Indianapolis, Ind.
Kansas City, Mo.
Los Angeles, Cal.
Memphis, Tenn.

Miami, Fla.
Milwaukee, Wis.
Minneapolis, Minn.
New York, N. Y.
Philadelphia, Pa.
Richmond, Va.
St. Louis, Mo.
San Francisco, Cal.
Seattle, Wash.
Toledo, Ohio
Washington, D. C.

HOUSTON, TEX.
H. L. Powell
HUNTINGTON, W. VA.
R. F. Enek
JACKSONVILLE, FLA.
D. C. Allison
KIRKWOOD, MO.
E. J. Jones
LANCASTER, OHIO
G. F. Polen
LOS ANGELES, CALIF.
Marsh Wall Products
MEMPHIS, TENN.
E. W. Whaley
MINNEAPOLIS, MINN.
E. C. Stromberg
MT. PLEASANT, PA.
R. E. Harritt
NEW ORLEANS, LA.
F. Addy
NEW PHILADELPHIA, OHIO
R. J. Lindberg

NEW YORK, N. Y.
Marsh Wall Products
OKLAHOMA CITY, OKLA.
B. L. Blake
ORELAND, PA.
P. J. Rowse
OVERLAND PARK, KAN.
J. G. Adams
PLAINFIELD, N. J.
E. C. Drake
SALT LAKE CITY, UTAH
P. J. Rowse
WABASH, IND.
W. J. Richard
WEST CAMBRIDGE, MASS.
Marsh Wall Products of N. E.
WEST HARTFORD, CONN.
J. L. Morris

LOUV-R-PAK, INC. FT. WORTH, TEX.

ARILENE, TEX.
Wm. Cameron & Co., Wbils.

ALTUS, OKLA.
Wm. Cameron & Co., Wbils.

DALLAS, TEX.
Harris Bldg. Material Co.; Rounds & Palmer; Wm. Cameron & Co., Wbils.

DETROIT, MICH.
Hardware, Inc.

FT. WORTH, TEX.
Wm. Cameron & Co., Wbils.; Rounds & Palmer; Texas Sash & Door Co.

HOUSTON, TEX.
Republic Bldg. Material Co.

JACKSON, MISS.
Deer South Sash & Door Co.

LOUISVILLE, KY.
Hull's Sash & Door Co.

MEMPHIS, TENN.
Richmar Mfg. & Supply Co.

NASHVILLE, TENN.
Harris-Weiner Sash & Door Co.

ODESSA, TEX.
Wm. Cameron & Co., Wbils.

OKLAHOMA CITY, OKLA.
Sooner Sash & Door Co.

PAWBUKA, OKLA.
Osage Building Material Co.

SAN ANGELO, TEX.
Wm. Cameron & Co., Wbils.

SAN ANTONIO, TEX.
Wm. Cameron & Co., Wbils.; W. E. Huffaker, Inc.

TULSA, OKLA.
General Sash & Door Co.; Rounds & Porter

WACO, TEX.
Wm. Cameron & Co., Wbils.

WICHITA, KAN.
Rock Island Wbils. Co.; Rounds & Porter

WICHITA FALLS, TEX.
Wm. Cameron & Co., Wbils.

WILLIAM B. LUCKE, INC. WILMETTE, ILL.

Sales Representatives

ATLANTA, GA.
R. W. Bradford (Georgia & Carolina)

J. M. Butts (Florida & Tennessee)

CINCINNATI, OHIO
J. M. Beglen

CLEVELAND, OHIO
F. R. Wager

DETROIT, MICH.
Gillespie Sales

DE WITT, N. Y.
Hugh D. Carey

LOS ANGELES, CALIF.
DeWitt Clark

MADISON, WIS.
Martin V. Stanford

MINNEAPOLIS, MINN.
R. J. Muleachy

NEW ORLEANS, LA.
W. H. Grant

NEW YORK, N. Y.
White & Granting

LUCKE LEAK PROOF TUB HANGER

MANUFACTURED BY
WILLIAM B. LUCKE, INC. - WILMETTE, ILL.

PHILADELPHIA, PA.
E. S. Thompson

ST. LOUIS, MO.
Earl B. Miller Sales Co.

WABAN, MASS.
J. H. Pakorny (New England)

WASHINGTON, D. C.
Stacy & Daniels (Maryland)

WILMETTE, ILL.
W. B. Lucke, Inc.

Leading LUCKE Distributors

American Standard
W. A. Case Mfg. Co.
Crane Co.
Haber Corp.
Inland Supply Co.
Kohler Co.
Noland Co.
Tomlinson, Inc.

MARSH WALL PRODUCTS, INC. DOVER, OHIO

APPLETON, WIS.
L. E. McElroy

ATLANTA, GA.
B. L. Phillips; B. X. Thomas

BAY VILLAGE, OHIO
H. A. Marsh

BUFFALO, N. Y.
L. W. Eymery

CHARLOTTE, N. C.
D. R. Osborne

CHICAGO, ILL.
Marsh Wall Products

COMPTON, CAL.
Donald Nyberg

CINCINNATI, OHIO
G. H. McBermett

DETROIT, MICH.
Marsh Wall Products

EDMONDS, WASH.
C. W. Bendakis

FALLS CHURCH, VA.
A. D. Cone

FORT WORTH, TEX.
R. V. Cartell; E. A. McDonnell

FRANKLIN PARK, ILL.
C. A. Cotsakis

GRAND RAPIDS, MICH.
R. E. Miles

GUILDERLANDS, N. Y.
D. Pratt

HARRISBURG, PA.
B. K. Guildboard

FRANK B. MILLER MFG. CO., INC. BURSANK, CALIF.

Sliding Glass Door Distributors

ALBUQUERQUE, N. M.
Watson's Inc.

ALEXANDRIA, LA.
F. A. Flynn

ATLANTA, GA.
Randall Brothers

BALTIMORE, MD.
Milford Supply Corp.

BATON ROUGE, LA.
Casey Products Co.

BAY CITY, MICH.
L. A. Frost

BIRMINGHAM, ALA.
Building Specialties Co.

BOSTON, MASS.
Stetson Primary Window Corp.

BRISTOL, VA.
Central Glass Co. of Virginia, Inc.

BUFFALO, N. Y.
A. O. Stillwell Co., Inc.

CHARLESTON, S. C.
Wm. M. Bird & Co., Inc.

CHATTANOOGA, TENN.
Hale & Wallace, Inc.

CHICAGO, ILL.
Robert Arnold Co.

FRANK B. MILLER MFG. CO., INC., cont'd.

CINCINNATI, OHIO
H. Neer Glass Co.
CLEVELAND, OHIO
Cadillac Glass Co.
DALLAS, TEX.
American Metal Window
DAYTON, OHIO
Pella Sales, Inc.
DENVER, COLO.
K. C. Construction Supply Co.
DES MOINES, IOWA
Lenks Builders Supply Co.
DETROIT, MICH.
Cadillac Glass Co.
EMERYVILLE, CALIF.
John H. Doctor Co.
EVANSVILLE, IND.
Central Glass Co., Inc.
FARMINGDALE, N. Y.
B-Lite
FT. WAYNE, IND.
Hall Metal Window Sales
FRESNO, CALIF.
Cherif's Building Supplies
GRAND RAPIDS, MICH.
Associated Material & Supply Co.
HARTFORD, CONN.
The Chase Glass Co.
HOUSTON, TEX.
Wilson Building Products, Inc.
INDIANAPOLIS, IND.
Keystone Distributors, Inc.
KANSAS CITY, KAN.
Window Enterprises, Inc.
KNOXVILLE, TENN.
Construction Services Co.
LEXINGTON, KY.
Lexington Glass Co.
LITTLE ROCK, ARK.
American Metal Window Co.
LOUISVILLE, KY.
Central Glass Co., Inc.
MEMPHIS, TENN.
Taylors Glass Co.
McALLEN, TEX.
Palmer Bldg. Supplies & Specialties
NEW YORK CITY, N. Y.
Aluminum Window Products Corp.
NORFOLK, VA.
Building Supplies Corp.

DESSA, TEX.
Sun Glass Co.
OKLAHOMA CITY, OKLA.
Aluminum Builders Supply
PENNINGTON, N. Y.
A & B Window Sales
PHILADELPHIA, PA.
Aluminum Door & Window Corp.
PHOENIX, ARIZ.
Union Glass Co.
PITTSBURGH, PA.
Limbach Co.
PORTLAND, ORE.
Mercer Steel Co.
POUGHKEEPSIE, N. Y.
Poughkeepsie Steel Products
RENO, NEV.
Alpine Glass Co.
SAGINAW, MICH.
Dunn-Tile Block & Supply Co.
SALEM, WIS.
Boyd Arnold Co. (Milwaukee)
SALT LAKE CITY, UTAH
Anchor Lumber
SAN JOSE, CALIF.
Borchers Bros.
SEATTLE, WASH.
Bradford Glass Co.
SECAUCUS, N. J.
Aluminum Window Products Corp.
SHREVEPORT, LA.
American Metal Window Co.
SOUTH BEND, IND.
White-Way Glass, Inc.
SPOKANE, WASH.
Empire Glass Co.
ST. LOUIS, MO.
Morgan-Wightman Supply Co.
SYRACUSE, N. Y.
R. E. Johnson & Son
TALLAHASSEE, FLA.
L. A. Yates & Sons
TUCSON, ARIZ.
Arizona Glass & Mirror
WASHINGTON, D. C.
Capital Products
WICHITA, KAN.
Window Enterprises, Inc.

**MILWAUKEE FAUCETS, INC.
MILWAUKEE, WIS.**

ALBUQUERQUE, N. M.
American Radiator & Standard Supply Corp.; Brown Pipe & Supply Co.; Crane Co.; Walker Pkg. & Well Supplies
APPLETON, WIS.
W. S. Patterson Co.
ATLANTA, GA.
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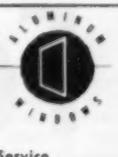
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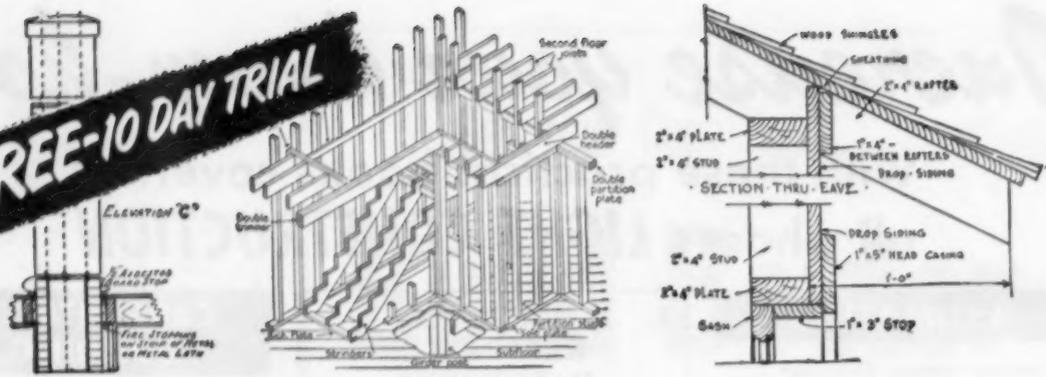
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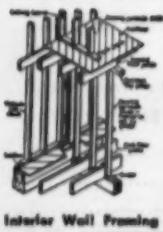
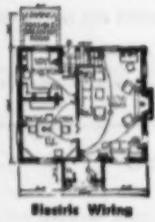


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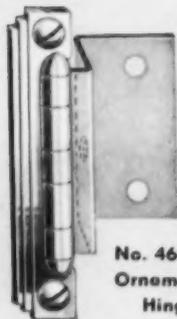
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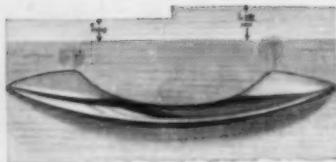
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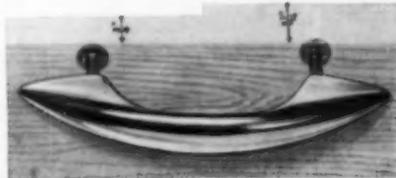
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