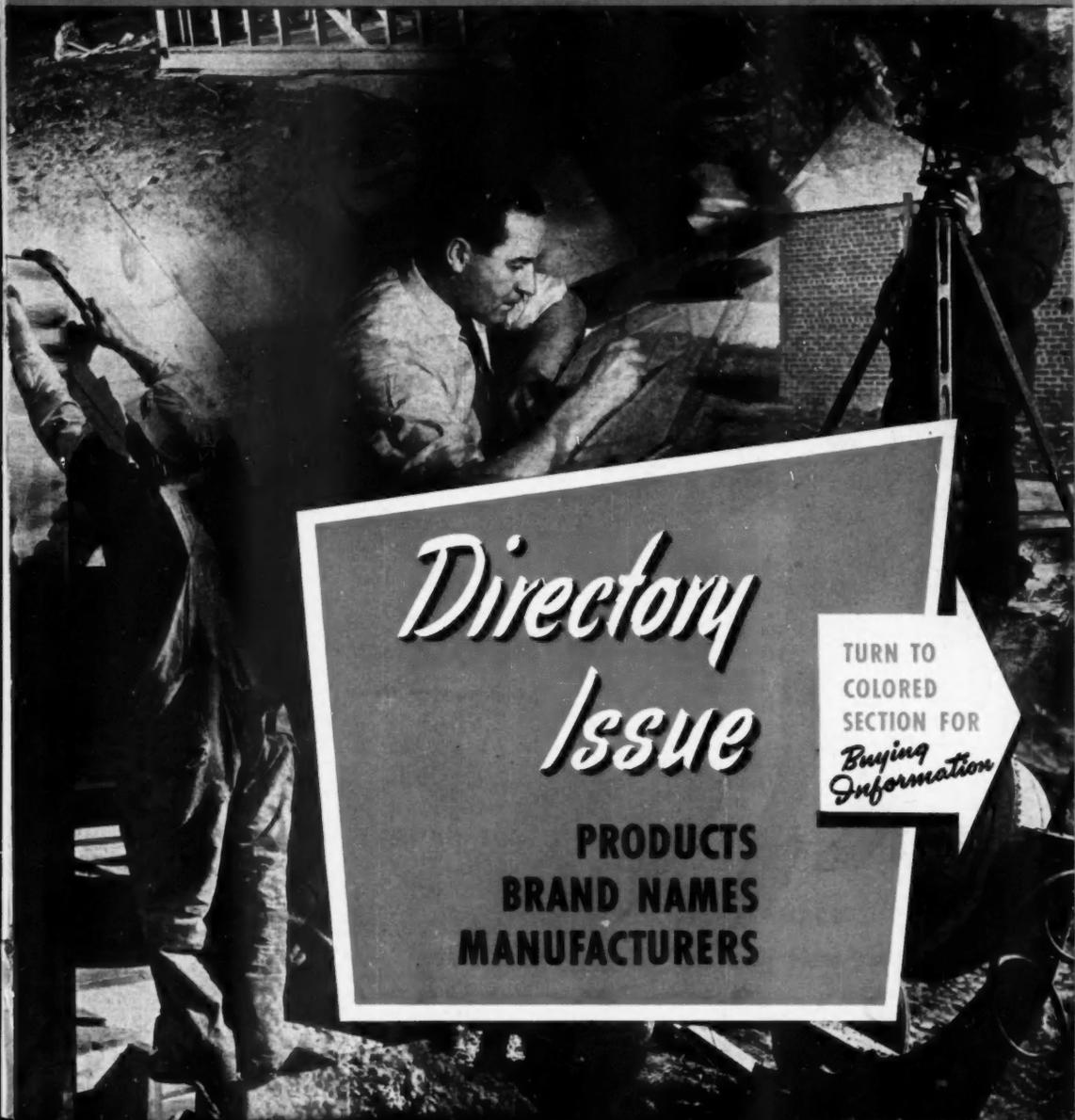


# AMERICAN BUILDER

APRIL 1951  
PRICE 50 CENTS

THE WORLD'S GREATEST BUILDING PAPER



## *Directory Issue*

**PRODUCTS  
BRAND NAMES  
MANUFACTURERS**

TURN TO  
COLORED  
SECTION FOR  
*Buying  
Information*

# FORMICA IN THE BATHROOM

Reg. U. S. Pat. Off.

Where to use it - how to get it!

Few ideas in the history of building and decorating have so quickly captured the hearts of homemakers as the Formica Vanitory.\* Here is a basic idea conceived in the belief that every home needs beautiful, durable, usable space around the lavatory.

The practical use of colorful Formica in an endless number of Vanitory variations places no limit on design imagination.

Hundreds of skilled specialists in the fabrication of Formica are ready the country over to build to your specifications a single unit or dozens of Formica Vanitories. Look under "Plastics" in your classified phone book. If you fail to find a Formica Fabricator listed, write us for recommendation.

You will want a copy of the colorful idea folder titled, "What's New in the Bathroom." It's yours for the asking. Write Formica, 4514 Spring Grove Ave., Cincinnati 32, Ohio.

\*Trade Mark



Illustrated Vanitory Fabricated by Beautyity Corporation, Chicago, Ill.



## 4 REASONS WHY FORMICA IS YOUR BEST BUY!

Only genuine Beauty Bonded Formica has:



Newest and largest selection of . . .



Clear, clean, unclouding color patterns with . . .



Super-smooth blemish free cabinet maker's finish from . . .



Thirty-seven years continuous production experience.



"JUST AS GOOD" IS A FABLE. LOOK FOR THE LABEL. INSIST ON GENUINE BEAUTY BONDED FORMICA.



Two of the 135 Fenestra Metal Door Units (Door, Frame, Hardware) in Robert N. Mandeville High School, Flint, Mich. Architect: Bennett & Straight, Dearborn, Mich. Contractor: Karl B. Foster, Flint, Mich.

## Look How These Doors Save You Money!

You save money with these beautiful standardized Fenestra® Doors because they cost less to buy than most doors, less to install, less to keep *working* and *looking* like new.

### Here's Why:

- ① Fenestra's great manufacturing facilities, engineered for volume production and elimination of waste of materials and man-hours, can turn out more high-quality door units . . . in less time . . . at lower cost.
- ② Fenestra Hollow Metal Doors come *complete with strong steel frames and shining hardware*. Installer just bolts the frame together, attaches it to floor and anchors it to wall, screws on template locks and hinges, hangs the door. No cutting or fitting or mortising or puttying or prime-painting. That's

real on-the-site timesaving!

- ③ Fenestra Hollow Metal Doors won't sag, warp, swell, shrink or splinter. They can take a beating and come up smiling. An occasional coat of paint makes them look like new. They're insulated, too, for quiet performance.

These Fenestra Hollow Metal Doors are in local stocks. Compare the *performance*, the *quality*, the *cost* with *any* door on the market. They're another Fenestra Building Product engineered to cut the cost of building.

Doors with Underwriters' B Label are also available. Just call your Fenestra Representative (he's listed in your phone book). Or write Detroit Steel Products Company, Dept. AB-4, 2260 E. Grand Boulevard, Detroit 11, Michigan.

\*5



**DOORS • WINDOWS • PANELS**

*engineered to cut the cost of building*

# **CRACKED CEILINGS IN YOUR OWN HOME?**

## **Mr. Carpenter: Follow the Advice of Leading Lumber Dealers**

How long since you looked at the ceilings in *your own home*? Chances are you too have a cracked ceiling that needs attention.

Do this. Prove to yourself once and for all that there is no material like Upson Kuver-Krak Panels for re-covering cracked ceilings. Apply an Upson Ceiling in your own home.

See how quickly . . . how easily the job is done. No muss, fuss, confusion or irritating delays. No seeping, floating white dust to cause an extra housecleaning. Then note the beautiful result and remember this ceiling will give you a lifetime of satisfaction. *You'll want to do more jobs the same way.*

*See your lumber dealer or send the coupon right away.*



*One of the scores of thousands of Upson Ceilings  
now beautifying the homes of satisfied home owners.*

## **USE UPSON KUPER-KRAK PANELS**

says Fred Ludwig, President,  
Merritt Lumber Yards, Inc.,  
Reading, Pa., one of Ameri-  
ca's prominent dealers.



"Having great faith in Upson Panels, developed through the many years we've handled them, prompted me to use them in my own residence for re-covering cracked plaster.

"I am glad to report these panels have been most satisfactory and have done everything we expected them to do."

## **USE UPSON KUPER-KRAK PANELS**

says G. E. Carter, well  
known lumber dealer of  
Port Arthur, Texas.



"Several years ago, I applied Upson Panels to the ceilings of my home. Today, they look just as good as when they were first applied. I don't think they will ever need repairing beyond an occasional coat of paint."

### **THE UPSON COMPANY**

614 Upson Point, Lockport, New York

- Send me Instruction Sheets for applying Kuver-Krak Panels.
- Have your Representative call to give me more information on the cracked ceiling market.

NAME \_\_\_\_\_

NAME OF FIRM \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

AMERICAN BUILDER

# BUILDER

IN YOUR  
MAY ISSUE

In your May issue you will read how other builders utilize power tools and equipment to speed their building operations. These on-the-job stories are packed full of information; just one idea gleaned from this host of factual material may save you hundreds of dollars.

"How to Build with Brick and Clay Products", a twelve page feature article that covers the basic construction facts for residential and light commercial building illustrated with drawings, diagrams and photos making it easy to read and understand. An article you will want to keep in your construction data file for ready reference when using brick and tile on the job.

The May Blueprint House was designed by Rudolph A. Matern. Here is a home you can build and sell anywhere, suitable for North, East, South or West.

Plus all regular features, association news, technical guide, how-to-do-its and strong forceful editorials.



Office of publication, Bristol, Conn. Editorial and executive offices at 79 W. Monroe St., Chicago 3, Ill., and 30 Church St., New York 7, N.Y. American Builder (originally "Carpentry and Building") with which are incorporated Building Age, National Builder, Permanent Builder, and the Builder's Journal, was founded Jan. 1, 1879. Names registered in U.S. patent office and Canadian registrar of trade mark.

Copyright 1951 with all rights reserved, SIMMONS-BOARDMAN PUBLISHING CORPORATION. Subscription prices: United States and Possessions and Canada, 1 year, \$3; 3 years, \$5; foreign countries, 1 year, \$10; 3 years, \$20. Single copies, 50c each. Subscribers are requested to state company connection, nature of business, title or position. W. L. TAYLOR, Circulation Manager; Field Staff: C. L. Conley, W. J. Griffith, M. A. Spector, John Simonson, Dick Whittington.

Address all subscriptions and correspondence concerning them to: Subscription Department, American Builder, Emmett St., Bristol, Conn. Changes of address should reach us three weeks in advance of next issue date. Send old address with the new, enclosing if possible your address label. The Post Office will not forward copies unless you provide extra postage. Duplicate copies cannot be sent.

Volume 73

APRIL, 1951

Number 4

In This Issue  
a DIRECTORY of

## Building Products and Equipment Manufacturers

### Section I

Alphabetical Listing of Building Products and Equipment Manufacturers . . . D-1 to D-57

### Section II

Classified Directory of Brand Names . . . . . D-58-D-66

### Section III

Manufacturers' Names and Addresses . . . . . D-67-D-84

Publisher's Page . . . . . 9  
For What Shall We Fight

Association News . . . . . 35

Editorial . . . . . 161  
Unify Purpose

### FEATURES

Living Quality of Modern Proved by Experience . . . . . 162

Five Elevations—One Split-Level Plan . . . . . 166

The Use of Adobe in Construction . . . . . 169

Converting Attics into Bedrooms . . . . . 172

Planned for Maximum Lighting . . . . . 175

A Home for Two or More . . . . . 176

Precast Slabs Permit 8-Foot Overhang in Motor Court . . . . . 181

Lighting and Electrical Living Sell Out Tract . . . . . 184

Radiant Heating with Glass Wall Panels . . . . . 186

One Front is Enough, by R. E. Saberson . . . . . 187

Unit Planning by Small Homes Council, University of Illinois . . . . . 188

### DEPARTMENTS

Trends . . . . . 17

Letters to the Editor . . . . . 41

On and Off the Record . . . . . 45

Technical Guide and How-To-Do-Its . . . . . 48

Editors' Round Table . . . . . 59

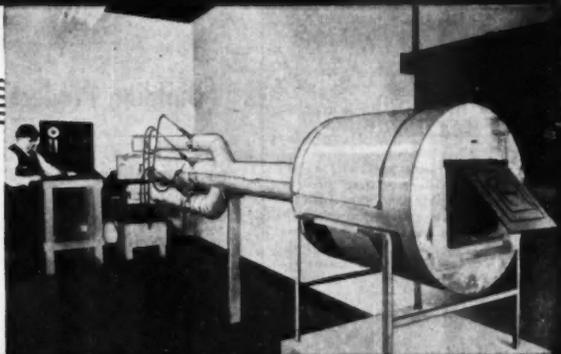
New Products . . . . . 190

Store Front and Better Detail Plates . . . . . 194-197

Catalogs . . . . . 200

Index to Advertisers . . . . . 316

PROVES



"ON THE JOB" INSTALLATION PROVES



RISE IN CONSUMER DEMAND PROVES



NUTONE, INCORPORATED  
CINCINNATI 27, OHIO

**NUTONE**  
VENTILATING FANS

own 17 1/2 ft. wind tunnel.

...all model fans)

**NUTONE**  
VENTILATING FANS

**NUTONE**  
VENTILATING FANS

...how makes easier...  
Make a hit with...

**FREE NEW 16-PAGE BOOK FOR BUILDERS**

A valuable manual of essential data on Ventilating Fans for Homes is yours for the asking. Send for your free copy today.

**NUTONE, INC., Dept. AB-3**  
Madison & Red Bank Rds., Cincinnati 27, Ohio.

Please send me a copy of your 16-page book, "A, B, C of Ventilating Fans."

Name \_\_\_\_\_  
Firm \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

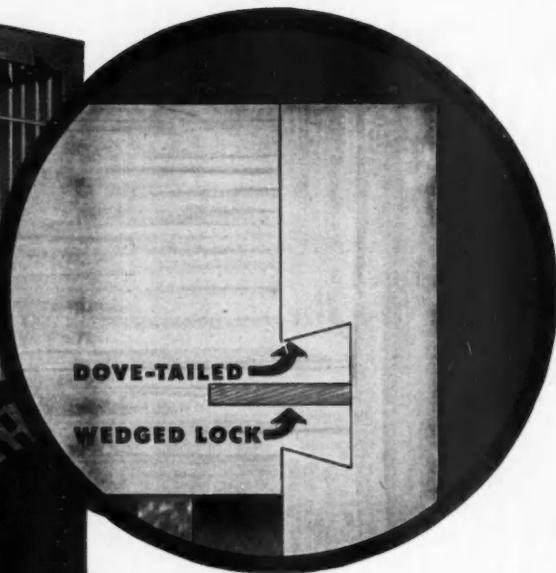
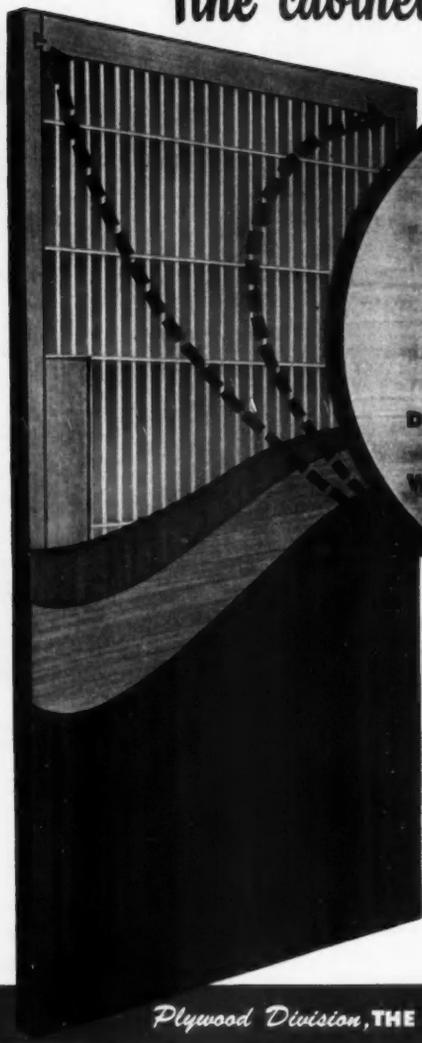
Check here if you also wish literature on NuTone Door Chimes.

# MENGEL

**Flush DOORS**



give you the advantages of this  
fine cabinet-maker's construction!



Every Mengel Flush Door—Hollow-Core or Solid-Core—has dove-tail wedged-locked joints at all four corners! This fine, exclusive, cabinet-maker's construction is found only in Mengel Flush Doors—requires more lumber, extra machining and labor, but you get *stronger and more stable doors*.

Mengel Flush Doors also provide many other advantages. They are designed and built to the highest standards of quality for *extra durability, extra eye-appeal*. Get all the facts. Write today for our new full-color descriptive A.I.A. catalog, including specifications.

Plywood Division, THE MENGEL COMPANY, Louisville 1, Kentucky

## Publisher's Page



### For What Shall We Fight?

**I**N BEGINNING vast preparations to prevent, or, if necessary, to fight, World War III, the American people have entered a more critical and dangerous period than any through which they have ever passed. The most vital issue confronting them is the same vital issue that has confronted man throughout the history of organized society—tyranny of the state versus freedom of the individual. And freedom of the individual in this country is more threatened by policies of our own government than by Communist imperialism. Wise action by our government can make it possible for us to protect ourselves from attacks from without. The real danger is that freedom of the individual will be destroyed by policies adopted ostensibly to resist attacks from without, but actually intended permanently to increase governmental control of the individual.

Two things are required for protection of individual freedom in the United States—(1) maintenance of the strongest economy possible, and (2) military preparations not too burdensome for the economy to bear. To maintain a

strong economy, it is essential that there be no restriction or burdening of individual initiative and action that is not demonstrably essential to military preparations. This bars excessive taxation to defray government spending for non-essential purposes and extravagance in spending for essential purposes. It also bars all direct government controls of the economy that are not demonstrably necessary to provide sufficient materials and manpower for military purposes. The burden of proving the necessity of every tax sought and every control proposed is on the administration, and every tax and control proposed should be so mercilessly questioned that spokesmen of the administration will be forced to assume this burden of proof.

That we are in imminent danger of having government by presidential decree substituted for the process established by the Constitution was recently illustrated by the strike of railroad switchmen. A law passed by Congress, the Railway Labor Act, provides a process for settling labor disputes on the railroads. Because the switchmen

refused to abide by this process, they almost stopped operation of the railroads, and were rapidly bringing industry to a standstill when the strike was broken by a presidential order threatening penalties not provided by any act of Congress. Can anybody question the danger of government policies which (1) give *any* labor union a nation-wide monopoly of such essential manpower, and hence (2) make it necessary to control the monopoly by presidential decrees?

Such private monopolies and presidential decrees are equally threats to the liberty of the individual; and if we are not arming ourselves to protect the freedom of the individual, for just what purpose are we spending so many billions in arming?

Almost every word of the Constitution shows that it was adopted to establish and maintain freedom of the individual; and if freedom of the individual is destroyed it will make little difference how, by whom or for what ostensible purposes it is destroyed. Tyranny over the individual is tyranny, whether exercised by a foreign totalitarian government or by our own.

American Builder is published by the SIMMONS-BOARDMAN PUBLISHING CORPORATION, Emmett St., Bristol, Conn., with editorial and executive offices at 79 W. Monroe St., Chicago 3, Ill.; 30 Church St., New York 7, N.Y. James C. Lyne, President; Samuel O. Dunn, Chairman Emeritus; Robert H. Morris, Publisher and Vice President; C. J. Wageman, F. A. Clark, Vice Presidents; J. S. Crane, Vice President and Secretary; A. J. McGinnis, Treasurer.

American Builder is a member of Associated Business Publications (A.B.P.) and Audit Bureau of Circulations (A.B.C.). Printed in U.S.A.

*Samuel O. Dunn,*  
Chairman Emeritus

# EASIER TO SELL!

... Because People think of Johns-Manville FIRST\*!  
Johns-Manville Super-Felt Insulations  
come in 3 types

—all made of the famous, firmly felted Johns-Manville Rock Wool



## Ful-Thik Batts

More thickness, more rock wool for the money! Here is our *number one* recommendation. Made of the firmly felted *Longfibre* rock wool produced by Johns-Manville's revolutionary new process. Full stud thickness. (Also available Semi-Thik.) Batts are stronger, lighter in weight, have greater uniformity and rigidity throughout. Vapor-barrier with reinforced tacking flanges.



## Thick Batt Blankets

In addition to the Johns-Manville Ful-Thik Batt, J-M Super-Felt now comes in Thick Batt Blankets. The firmly felted rock wool is fully enclosed for convenience in handling.



## Medium Roll Blankets

For economy jobs, here's the new Medium Roll-Blanket. With this *third* type you now have a complete line of Johns-Manville Rock Wool Insulations to meet every sales need.

• • •  
For further information, write Johns-Manville,  
Box 290, New York 16, N. Y.



J-M Rock Wool Blankets  
are not available on  
the Pacific Coast.

\*According to nation-wide public opinion surveys for home insulation, the public preference is 40 to 1 for

## Johns-Manville

JOHNS-MANVILLE  
**JM**  
PRODUCTS

AMERICAN BUILDER

# *The World's Finest Locks*

## **ARE OF PIN-TUMBLER DESIGN**



Pin-tumbler security has been combined with economy, in the KWIKSET "400" Line Locksets, making possible top-quality locks at rock-bottom prices. Architects prefer KWIKSET's simplicity and beauty of design. Builders and contractors appreciate the economy of KWIKSET's fast, easy installation. Wholesalers, Jobbers and Dealers cash in on KWIKSET's low cost and fast turnover. Everyone deserves KWIKSET's precision construction with high quality materials that results in such amazing durability.\*

Whether you need one lock or thousands, investigate

KWIKSET's "400" Line pin-tumbler Locksets thoroughly before you buy. Remember, every KWIKSET Lockset is unconditionally guaranteed.

**IMPORTANT:** KWIKSET LOCKS, INC. will soon be in production of their new "600" Line 6-pin tumbler cylindrical Locksets, of all steel and brass construction. Send for your copy of the new, colorfully illustrated catalog, giving full details of this new KWIKSET Lock.

\*Random selected KWIKSET Locksets were subjected to wear tests equivalent to 100 years of hard, everyday usage on our specially designed testing machine. Every lock functioned perfectly at the end of the test.

***Kwikset Sales and Service Company***

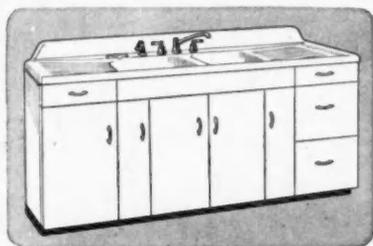
DEPT. F-4 • ANAHEIM, CALIFORNIA



410-39



DELAFIELD K-5610-A.  
32 x 21", 42 x 21".



WILSHIRE K-5505-A. 60 x 25", 72 x 25".



WELLWIN K-5595-A.  
42 x 25".



CAMBERLEY K-5555-A.  
54 x 22", 54 x 25", 60 x 25".



CYMBRIA K-5576-A. 42 x 22",  
42 x 25". (Sink at left, K-5575-A.)

## KOHLER

### *First Quality*

## Enameled Iron Sinks

The Delafield, popular for average homes and apartments, has a flat rim for building-in, roomy basins; the Wilshire, Wellwin, Camberley and Cymbria offer choice of double or single compartment sinks with or without drainboards, in various sizes. All have convenient full-length ledges with integral soap dishes, swing spout mixing faucets, lever-control sprayers. Duostrainers with removable cups assure positive drain control.

Kohler sinks are of non-flexing iron, cast for rigidity, coated with acid-resisting, easy-to-clean enamel. Fittings are of chromium-plated brass, engineered for long life.

Kohler Co., Kohler, Wisconsin. Established 1873

# KOHLER OF KOHLER

PLUMBING FIXTURES • HEATING EQUIPMENT • ELECTRIC PLANTS  
AIR-COOLED ENGINES • PRECISION PARTS

AMERICAN BUILDER

**GOOD BRICKWORK = GOOD DESIGN + GOOD WORKMANSHIP + GOOD MATERIALS**



*The face brick should be backplastered.*



*If the back-up units are laid first, the front of the back-up units should be plastered.*



*Backplastering should not be attempted over protruding mortar joints.*

# **PARGING**

**WITH**

# **BRIXMENT**

**HELPS ASSURE**

# **DRY WALLS**

### **WE SUGGEST THAT—**

The face brick should be backplastered with not less than  $\frac{3}{4}$  of an inch of mortar before the back-up units are laid.

Or, if the back-up units are laid first, the front of the back-up units should be plastered with not less than  $\frac{3}{4}$  of an inch of mortar before the face brick are laid.

**H**heavy rains don't make brick walls leak — they merely reveal the fact that the walls contain voids or passages through which the water may penetrate.

Dry brick walls are primarily the result of good design and good workmanship. Good materials are important, but still secondary. The more *plastic* the mortar used, the easier it is for the bricklayer to deliver good workmanship.

The photos at the left show some points of *good workmanship*.

*Brixment mortar has greater plasticity, higher water-retaining capacity and better bonding quality.* Because of this combination of advantages, architects, contractors and dealers all over America have for thirty years made Brixment the largest-selling mortar material on the market. Why not try it yourself?

---

**LOUISVILLE CEMENT COMPANY, Incorporated, LOUISVILLE, KENTUCKY**

---

# Nu-Glaze

HAS DOZENS  
OF USES!



MAY BE PAINTED  
WHEN APPLIED



REPLACING OLD  
PUTTY



AROUND SINKS AND  
DRAINBOARDS



FILLS CRACKS IN BRICK,  
CEMENT, WOOD



AROUND BATH TUBS  
AND PIPES



BOAT WORK OF  
ALL KINDS



SETTING ALL PLUMBING  
FIXTURES



NU-GLAZE IS  
WATERPROOF!



Mack says...

NU-GLAZE  
ALWAYS  
STAYS  
PUT!



## 2 REASONS WHY IT PAYS TO SELL NU-GLAZE INSTEAD OF PUTTY!

### 1. IT MAKES SATISFIED CUSTOMERS BECAUSE **NU-GLAZE** STAYS PUT!

Although Nu-Glaze is applied like putty, it is entirely unlike putty in other ways. Needs no working up, clean to handle—not oily, does not dry out, harden, crack or peel. Perfect for glazing wood or metal sash, replacing putty, setting plumbing, filling cracks, boatwork of all kinds. Nu-Glaze does the job better too, because it always sets to a rubber-like consistency. It's no wonder Nu-Glaze sells fast!

### 2. A BIGGER PROFIT ON EVERY SALE!

Most important of all is the bigger profit you make when you sell Nu-Glaze! Ordinarily when you sell a pound can of Nu-Glaze, you make 10c or more on the sale. But when you sell a pound can of ordinary putty, as a rule you only make about 1½c. *That's* why we say it pays you to sell Nu-Glaze instead of putty. You make *bigger* profits! You satisfy customers because Nu-Glaze *always* "stays put!"

## Nu-Glaze

SETS TO A RUBBER-LIKE CONSISTENCY • DOES NOT DRY  
OUT • DOES NOT CRACK OR PEEL • NEEDS NO WORKING  
UP • NOT OILY • CLEAN TO HANDLE

ORDER NOW — Your order will be shipped same day received!

# MACKLANBURG-DUNCAN CO.

OKLAHOMA CITY 1, OKLAHOMA



No Building is  
Weatherproof  
until it is  
**CALKED**



SELL  
**NU-GLAZE**  
INSTEAD OF  
PUTTY

Does the job better than putty, and makes you bigger profits too! Nationally advertised, nationally known and nationally used. Stock up on Nu-Glaze today!



**NU-CALK**  
CALMING  
COMPOUND

Same fine product as in Speed Load. Nu-Calk Calking Compound is available in 1/2 pint, pint, quart, gallon, 5-gallon cans. Also 55-gallon drums. Nu-Calk is the standard of calking quality



here's the  
most efficient,  
most popular  
calking load  
on the market!

## *Nu-CALK* **SPEED LOAD**

Easy to use! YES! And even easier to sell! Here are some of the reasons why the new, improved NU-CALK SPEED LOAD enjoys such nationwide popularity. The specially designed cap insures perfect contact with gun nozzle—can't pull loose from fiber board tube. Glassine-lined container is air-proof, moisture-proof, practically vacuum packed. With SPEED LOADS the user's hands never touch the compound. Always has a smooth, even flow, and easy trigger action.



*Mack says...*  
... and

**HERE'S THE  
STREAMLINED GUN  
TO GO WITH IT!**



### **CG-4 SPEED LOADER**

Here's the other half of this famous sales-making combination! This SPEED LOADER calking gun retails at a price that paves the way to more calking sales. It's light, sturdy, fool-proof. Retails for only \$1.95. Show it and you'll sell it!

Your order will be shipped same day received!

STANDARD CG-3 CALMING GUN AVAILABLE



Experienced calking applicators still favor our CG-3 Standard Calming gun's easy trigger action and powerful piston action. Fitted for use with either Nu-Calk Speed Loads or bulk calking.

PACKAGED 10 LOADS TO A CARTON



There are 10 Speed Loads in each carton (Appr. one gal.) and 4 cartons to each case. Please order in multiples of 4 cartons. Full freight allowed on orders of 8 cartons or more.

**MACKLANBURG-DUNCAN CO.**  
OKLAHOMA CITY 1, OKLAHOMA



## in the Building Field

# Permits Required for Non-Residential Building

AS OF late February, credit control under Regulation X is the only control affecting volume of residential building. Most builders will push toward a high volume of production this year, hoping that critical materials are available as needed. FHA officials were not too much concerned when January starts, as counted by the Bureau of Labor Statistics, totaled 87,000 dwelling units, an increase of 10 per cent over last year in spite of Regulation X which was designed to reduce starts about 35 per cent to 850,000 units for 1951, as compared with 1,400,000 units in 1950. Regulation X now applies to multi-family dwellings as well as one- and two-family homes.

The big increase in January broke all records for the month. FHA officials reasoned that the spurt was temporary and that the starts were a hangover from the big volume of 300,000 or 400,000 units that had been given FHA commitments prior to Regulation X.

FHA officials believe that the trend is downward, since FHA and VA applications for January dropped to 50 per cent of the figure for the same month last year. They believe this foreshadows a decrease in later months.

Commercial, industrial and institutional building are now under a credit curb in addition to the restrictions of order M-4 which requires a permit from the Department of Commerce before construction is started on most types of non-residential building. Permits will not be issued unless the building is approved as being in the interests of national defense.

Procedure for builders planning to erect a non-residential structure is to file Form NPAF-24 "Application For Authority to Commence Construction Pursuant To Order M-4." The form with supporting papers is to be filed with the Regional Office of the Department of Commerce having jurisdiction in the area where the project is to be built. Regional offices are located in Boston, New York, Philadelphia, Richmond, Atlanta, Cleveland, Chicago, Minneapolis,

**A builder planning to erect a non-residential structure must first file and have approved Form NPAF-24**

Kansas City, Dallas, Denver, San Francisco, Seattle, and Washington, D. C.

Information required on Form NPAF-24 includes a description of the building, proposed use, estimated construction costs in detail, material and equipment requirements, and building materials available. If it is claimed that the proposed construction will aid the defense effort or public health, safety or welfare, statements and other data to justify the claim must be included.

A section of the form is provided for cases which involve undue hardship if construction is not allowed to proceed. This includes non-recoverable losses due to purchase, lease development, etc. of land, financing expense, plans and specifications, contracts, work done on site, etc.

The credit curb on non-residential building is contained in an amendment to Regulation X made by the Federal Reserve Board. The new rule sets maximum loans on non-residential structures at 50 per cent of the value of the property. Loans must be paid off in 25 years at most, and amortization is required.

Major improvements to non-residential properties are subject to the same terms if the addition or improvement exceeds 15 per cent of the property's appraised value before the improvement.

Schools, hospitals, churches, public utilities and government buildings are exempt from the regulation. Factory, warehouse, mining and farm structures are exempt in some cases.

If the proposed structure can be approved as being in the best interests of the defense effort the Federal Government will assist in procuring critical materials. A new form "Application For Assistance to Construct Facilities" is being drafted by the National Production Authority.

There is no assurance that enough critical materials will be available for builders in general except that the National Production Authority has stated that materials will be available for 850,000 new houses and necessary commercial construction.

Plans of the Authority change from day to day. For example, the Authority recently lifted the ban on the use of copper for water systems in homes. The NPA said the lifting of the ban on the use of copper tubing for home water systems will permit many homes now under construction, which otherwise would not be completed, to be finished on schedule. A shortage of galvanized pipe forced the lifting of the copper ban.

Form NPAF-24 (1-19-51)		Budget Bureau
U. S. DEPARTMENT OF COMMERCE NATIONAL PRODUCTION AUTHORITY		File
APPLICATION FOR AUTHORITY TO COMMENCE CONSTRUCTION		
PURSUANT TO ORDER M-4		
Instruction - Submit one copy in accordance with instructions on reverse side of this form		
BASIC APPLICATION		
1	<input type="checkbox"/>	For authority to commence construction of a type of building (Sec. 71.6 of Order M-4. Fill in Sections I, II, and III.)
2	<input type="checkbox"/>	For an exception to Order M-4, based on unavailability of materials (Sections I, II, and IV.)



## Lone Star Masonry Mortar

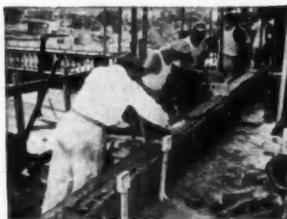
**FOR QUALITY WALL CONSTRUCTION  
IN \$2-MILLION ADDITION TO ONE OF  
THE NATION'S GREAT HOSPITALS**

Addition to **BETH-EL HOSPITAL**, Brooklyn, N. Y.  
 Architect: **WILLIAM I. HONHAUSER**, New York  
 General Contractor: **EUCLID CONCRETE CORP.**, New York  
 Lone Star Masonry Cement supplied by  
**GENERAL BUILDERS SUPPLY CORP.**, New York  
 Lone Star Portland Cement for foundations, etc., from:  
**METROPOLITAN SAND & GRAVEL CORP.**, New York

● With its \$2-million addition, Brooklyn's Beth-El is one of the nation's largest voluntary hospitals. This new 6-story wing is modern hospital construction at its best — with handsome face-brick walls assuring all-weather protection.

Sound reasoning backed the selection of **LONE STAR MASONRY CEMENT** to help assure these end results. For, on job after job—in hospitals, schools, commercial and industrial buildings, hotels, apartments and private homes—Lone Star Masonry Mortar has proved its worth in extra workability, fine appearance and no-cost maintenance over the years.

Count on Lone Star Masonry Mortar, too, for uniform texture, sustained high yield . . . to retain water and keep thirsty brick or block from sucking water from the mortar . . . to remain plastic, bed units firmly, provide better bond. Just what the doctor ordered, sure enough!



## LONE STAR CEMENT CORPORATION

Offices: ALBANY • BETHLEHEM, PA. • BIRMINGHAM • BOSTON  
 CHICAGO • DALLAS • HOUSTON • INDIANAPOLIS • JACKSON, MISS.  
 KANSAS CITY, MO. • NEW ORLEANS • NEW YORK • NORFOLK  
 RICHMOND • ROANOKE • ST. LOUIS • PHILADELPHIA • WASHINGTON, D. C.

LONE STAR CEMENT, WITH ITS SUBSIDIARIES, IS ONE OF THE WORLD'S LARGEST CEMENT PRODUCERS: 17 MODERN MILLS, 125,000,000 SACKS ANNUAL CAPACITY



LONE STAR CEMENTS COVER THE ENTIRE CONSTRUCTION FIELD

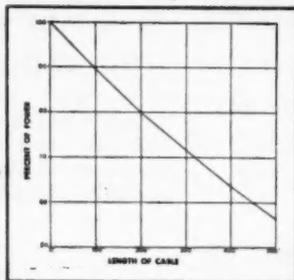
The Longer Your Cables the Weaker Your Power

Use

# HOMELITE

## Carryable Generators

and get peak production from power tools



Power tools have fully come into their own. Builders know they save time and costs. But there are two problems still to be considered.

- (1) The time, trouble and expense involved in installing electric power and,
- (2) the loss in power in running long

cables from a central outlet, as shown in the accompanying table.

**A Homelite Carryable Generator Solves Both of these important problems**  
Set up a Homelite Gasoline-Engine-Driven Generator on the job and you get *immediate* power. Set it right at the spot where you're operating tools and you don't have long power-hungry cables. You'll get *more* power for your tools. You'll stop tools from bogging down under overloads. You'll keep your tools sharper, more efficient and free from damage and need of repair.

Yes, put a Homelite on the job and put new life into your power tools.

**CARRYABLE**  
PUMPS • GENERATORS •  
BLOWERS • CHAIN SAWS

PERFORMANCE • DEPENDABILITY  
**HOMELITE**  
CORPORATION  
SERVICE

504 RIVERDALE AVENUE • PORT CHESTER, N. Y.

AMERICAN BUILDER



Prefinished  
... for beauty and  
economy



**The famous Bruce "Scratch Test"**

Half of this panel of flooring oak is finished by the Bruce penetrating seal method, the other half with a commonly used surface-type finish. When a coin is scraped across the panel, the ordinary finish scratches and chips away—but the Bruce finish is unharmed because it's "in the wood."

■ Bruce Hardwood Floors (Strip, Block, Ranch Plank) are *prefinished* because factory methods produce a penetrating seal finish that cannot be equalled on the job. Tests prove it will outwear ordinary finishes at least 3 to 1. The factory-applied finish brings out all the natural beauty of the wood . . . doesn't cover up or discolor the grain as surface finishes do. Housewives find, too, that *prefinished* Bruce Hardwood Floors are far easier to keep clean and beautiful.

The use of *prefinished* floors also saves from 3 to 5 days' time on a house job, because the floor is ready to use as soon as laid. Yet, with all these advantages, the cost of *prefinished* Bruce Hardwood Floors is normally less than for the same grade of unfinished flooring plus the expense of sanding and finishing on the job. Write for complete information—see our section in Sweet's Files.

E. L. BRUCE CO., MEMPHIS 1, TENN.

# Bruce

## HARDWOOD FLOORS

PREFINISHED Strip, Block, Ranch Plank



Other Bruce Products: Unfinished Flooring (Block, Strip, Plank) • Lumber and Wood Parts • Terminus • Floor Cleaner, Waxes, Finishes

HEAT  
COLD  
VAPOR  
FIRE



FOILED!

Heat... Cold... Vapor... Fire—they shall not pass Certain-teed's BEAVER Insulating Gypsum Lath!

Here is the perfect plaster base! It combines in one product an effective foil insulation and vapor barrier... plus all the advantages of regular BEAVER Gypsum Lath! Fire-proof! Strong plaster bond! No shrinkage or expansion! Economy of time and labor!

Here are the amazing performance facts:

- 1 Insulation equal to  $\frac{1}{2}$ " thickness of fiber insulation lath and plaster provided by the combination of BEAVER Insulating Lath and gypsum plaster, with the reflective surface of the lath facing an air space of not less than  $\frac{3}{8}$ " between studs, joists or rafters.
- 2 An average vapor permeability of only 0.67 grains per square foot per hour, per inch of mercury pressure difference across the wall established for Insulating Gypsum Lath with  $\frac{3}{8}$ " of plaster.\* This is well below the limit of 1.25 grains of moisture which has been set by many authorities as the upper limit for good building construction.

\*Prof. Frank B. Rowley, University of Minnesota

WITH BEAVER  
INSULATING GYPSUM LATH



CERTAIN-TEED PRODUCTS CORPORATION  
ARDMORE, PENNSYLVANIA



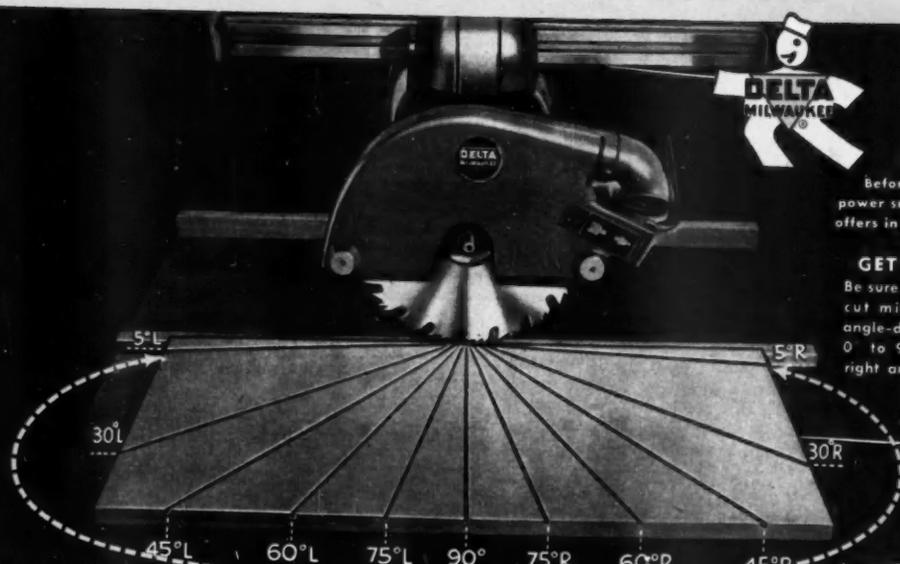
**Certain-teed**

REG. U.S. PAT. OFF.

Quality made Certain...Satisfaction Guaranteed

ASPHALT ROOFING, SHINGLES AND SIDING • GYPSUM PLASTER, LATH AND WALLBOARD • ACOUSTICAL TILE • INSULATION • FIBERBOARD

# DELTA SCOOPS ALL SAW-MAKERS... offers you the first and only power-saw that makes all these miter cuts



## DO THIS!

Before you buy any power saw, see what it offers in miter capacity.

## GET PROOF!

Be sure the saw can cut miters and angle-dado from 0 to 90 — both right and left.



### ALL OTHER SAWS

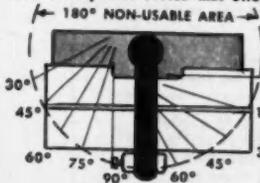


SIDE VIEWS Shows 360° miter swing action

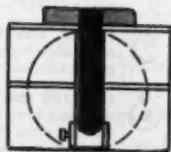
### NEW DELTA SAW



Actual Comparison Proves that ONLY Delta gives you FULLY usable 360° Radial Action.



TOP VIEWS Shows actual usable saw capacity on a 360° miter swing



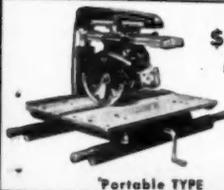
### ALL OTHER SAWS

### NEW DELTA SAW

## FOR ALL CUTS ACROSS THE BOARD, YOU'LL FIND DELTA BEST — PROVE IT WITH THIS MITER TEST!

1. You get full 360° miter capacity — no need to handle low pitch cuts with other tools.
  2. You get complete operator safety—the saw blade never goes off the table.
  3. You have only one handling — no need to turn over long boards for left hand cuts.
  4. You set saw to the exact angle once — no need to repeatedly mark material.
  5. You can angle-dado, right or left — 0° to 90°. Never have to send special dado work outside. Delta is always kept busy.
- For Capacity — Safety — Materials Handling — Marking — Angle Dado, plus many other features — DELTA is your Best Buy.

Sold only through authorized dealers. Look for the name of your Delta dealer under "Tools" in the classified section of your telephone directory.



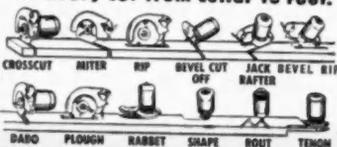
Prices start at **\$22950**

including motor and blade  
Plus some delivery charge  
(Subject to change without notice)

Easy time payments!

Portable TYPE

## THE NEW DELTA makes profits on every cut from collar to roof.



### TEAR OUT COUPON AND MAIL TODAY!

Delta Power Tool Division, Rockwell Manufacturing Company  
692-D E. Vienna Ave., Milwaukee 1, Wisconsin

- Send me new Delta Multiplex, "Unlimited Applications".  
 Send me new Delta Multiplex Tool Catalog, M-50.

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ ( ) State \_\_\_\_\_

### FREE MOVIE!

Sound — Action — Color! Ask to see this film.

### FREE DEMONSTRATION!

Watch Delta Multiplex in action.

### FREE IDEA BOOK!

20 pages showing unlimited uses of Delta Multiplex.

# Saves you the cost on every home you build



You can eliminate the expense of corner bracing... yet build better, stronger walls... with 4 ft. wide,  $\frac{25}{32}$ " thick Celotex Insulating Sheathing! Without corner bracing it greatly exceeds rigid F. H. A. requirements, which call for bracing strength at least equal to horizontal wood sheathing with corner bracing. Official test results at right prove it!

And remember, Celotex Double-Waterproofed Insulating Sheathing insulates as it builds—does both jobs at one low cost. Gives you more comfortable, more salable homes... for no more than the cost of uninsulated construction! Get all the facts now. Write for your free copy of the informative booklet, "How You Can Build Better Homes at Lower Cost." The Celotex Corporation, Dept. AB-41, 120 S. LaSalle St., Chicago 3, Illinois.

## OFFICIAL TEST RESULTS

	F. H. A. Technical Circular No. 12 Criteria		Average of Test Results Celotex Sheathing	
	Dry	Wet	Dry	Wet
Maximum Load, lbs. At Load of 1200 lbs.	5200	4000	6720	7290
Average Total Deflection, in.	0.2	0.28	0.217	0.147
Residual Deflection,* in.	0.1	0.14	0.067	0.040
At Load of 2400 lbs.				
Average Total Deflection, in.	0.6	0.8	0.533	0.483
Residual Deflection,* in.	0.3	0.4	0.230	0.187

\*Deflection remaining after removal of load.

## Only Celotex Insulating Sheathing gives you all these big advantages

- 1 NO CORNER BRACING** needed to meet rigid F.H.A. requirements, with 4 ft. wide,  $\frac{25}{32}$ " thick Celotex Insulating Sheathing, applied vertically. An important extra saving!
- 2 STRONGER, MORE RIGID** than ever. Builds, insulates, protects—all at one time. Yet costs no more than ordinary sheathing, applied.
- 3 DOUBLE-WATERPROOFED**—inside by integral treatment that coats every single fibre; outside by asphalt coating. Yet has over twice the vapor permeability required by Government agencies!
- 4 RESISTS MOISTURE PENETRATION** even under severe exposure during construction. Lets you resume work sooner after heaviest rain, cutting costly delays!
- 5 FASTER, EASIER, THRIFTIER** to apply than ordinary sheathing. Negligible waste. No building paper needed.
- 6 IT IS THE ONLY SHEATHING** made of tougher, stronger long Louisiana cane fibres—and protected by the patented Ferox® Process from fungus, dry rot, termites!

## Types and Sizes

<b>25/32" Big Board</b>	4' wide x 8', 9', 10', 12' long; square edges
<b>1/2" Big Board</b>	4' wide x 8', 9', 10', 12' long; square edges
<b>25/32" V-Type Center Matched</b>	2' wide x 8' long; V-type tongue and groove on long edges

# of Corner Bracing



**IMPORTANT!**

We're telling your prospects all about how you assure them extra comfort, extra savings . . . by insulating the exterior walls of the homes you build with Celotex Insulating Sheathing! We're telling them in eye-catching full page ads in *The Saturday Evening Post* and other national magazines! Over a quarter century of hard-selling national advertising like this has helped create unsurpassed public acceptance for the Celotex brand name. That's one reason why homes built with genuine Celotex Products are easier to sell!

## And—for smart, colorful interiors at low cost ... CELOTEX INSULATING INTERIOR FINISHES

Builders have found that colorful interiors mean quicker sales. And the modern, money-saving way to build colorful living rooms, dining rooms, bedrooms and rumpus rooms that avoid the monotony of ordinary wall and ceiling treatments is . . . with Celotex Insulating Interior Finishes!

Pre-decorated at the factory, Celotex Insulating Interior Finishes require no painting or papering. They build, insulate and decorate—all at one time. Their exclusive, *popularity-proved* colors—including smart new Sierra Rose and Blue-Green Tile Board and Finish Plank—add a world of “quick-sale” appeal to your homes. Their low cost and ease of application give you important savings. Write now for new Celotex book “Ideas for Planned Interiors.”

THE CELOTEX CORPORATION, 120 S. LA SALLE STREET, CHICAGO 3, ILLINOIS



# Build in Extra Beauty. Extra Value with Lifetime **NEVAMAR**<sup>®</sup>

## This is **NEVAMAR**

a high-pressure laminate surface, designed for long life and lasting beauty. Nevamar is not affected by grease, alcohol, fruit acids, ammonia, bleach, ink or similar substances. It will not craze, crack or peel. Nevamar is resistant to cigarette burns and withstands boiling water. Nevamar may be cleaned with soap and water.

• To keep your Nevamar surface beautiful: Don't use abrasive cleaners. A protective pad should be used beneath hot vessels, electric toasters and similar appliances. Don't use your Nevamar surface as a cutting or chopping board.

WARRANTY OR A GUARANTEE OF ANY KIND  
**Guaranteed by  
Good Housekeeping**  
CAN BE ADVERTISED THERE

THE NATIONAL Plastic Products Company  
DENTON, MD. • NEW YORK, N. Y. • LOS ANGELES, CA.

**NEVAMAR high-pressure laminates conform to NEMA specifications.**



### Write For This Free Booklet

In actual full-color photographs, you'll see many of the applications to which **NEVAMAR** is suited. It's yours for the asking.



**I**N today's building or remodeling operations, enduring beauty and sound construction are qualities you can easily achieve with **NEVAMAR**. This high-pressure laminate has withstood every laboratory and use test to which it has been subjected. It assures a maintenance-free service . . . never needs painting or refinishing. Use it on every type of surface . . . on wall paneling as well as built-in fixtures and furniture. **NEVAMAR** offers a wide range of decorator colors and original patterns, suitable for the home and commercial applications alike. Get all the facts about **NEVAMAR** now and see how readily it solves your surfacing problems.

#### The Ideal Surfacing Material For:

Dinette Sets	Fountains	Telephone Booths
Sink Tops	Booths	Cocktail Tables
Work Tables	Wall Paneling	Cabinet Tops
Restaurant Tables	Wainscoting	Desk Tops
Bar Tops & Fronts	Doors	Store Fixtures
Counter Tops	Elevators	Beauty Salons

**SOLE DISTRIBUTORS: THE NEVAMAR COMPANY, BALTIMORE-30, MD.**



**The NATIONAL Plastic Products Company**

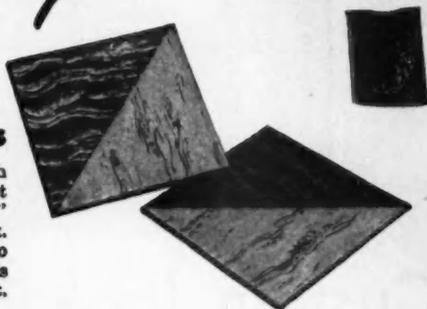
Manufacturers of Nevamar High-Pressure Laminates • **SARAN FILAMENTS** • Wynene Molded Products  
DENTON, MARYLAND • NEW YORK, EMPIRE STATE BUILDING • LOS ANGELES, 2252 EAST 37<sup>TH</sup> STREET

Nationally Advertised **FREMONT** Products  
 that *Build Prestige* into every job!

### Rubber Tile Diagonals

Your reputation for finer floors is made with Fremont Rubber Tile Diagonals. Precision cut at the factory, they give a "custom" floor effect without the added cost of handwork.

Many fade-resistant decorator colors to choose from. Plan Fremont Diagonals for that next "exclusive" floor arrangement.



### Vinyl Plastic Cove Base

The perfect low-cost base trim for all hard floor coverings. Fremont Cove Base comes in continuous lengths, F.O.B. Fremont. Waterproof, vermin-proof, scuff-proof, it is ready for immediate shipment in 4" heights, black only. Fremont Rubber Tile Adhesive is recommended for best application.



### Rubber Tile Adhesive

For Rubber Tile or Fremont Cove Base application, Fremont Adhesive is recommended as the best adherent. Full setting strength is reached in four days; tile may be set up to 45 minutes after application. Recommended for use over radiant panel heating.



# Fremont Rubber Company

310 McPherson Highway, FREMONT, OHIO



Sponge Rubber  
Rug Cushion



Vinyl Plastic  
Cove Base



Plastics

Please send me a copy of your new full color brochure.

NAME \_\_\_\_\_

FIRM NAME \_\_\_\_\_

STREET ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_



Foam  
Rubber

The Swift Residence, a contemporary home in Harrisburg, Pa. Blouch Brothers, contractors. Plans by owner.



## Custom look in windows . . .

Looks like a custom window job, doesn't it? Yet the picture window, casements and corner windows were all assembled of stock units.

Eye-catching and sales-clinching . . . these Lupton Windows will stay that way for generations. They are Lupton Metal Windows—precision built, cannot warp, shrink, swell or rattle. Assure controlled, draft-free ventilation as needed. Finger-tip operated hardware is designed for long life and trouble-free service.

The exterior will always look trim and neat for the practically invisible screens and glass insulating panels go on the inside.

Add all these sales features to your next house. Send for the NEW 1951 Catalog that shows the complete Lupton line—residential—industrial—commercial windows and doors.

**MICHAEL FLYNN MANUFACTURING COMPANY**

700 East Godfrey Avenue, Philadelphia 24, Penna.

*Member of the Metal Window Institute & Aluminum Window Mfrs. Assn.*

# LUPTON METAL WINDOWS

See  
**LECTRO-SAW**  
 before you  
 buy!



**BEATS ELECTRIC SAWS COSTING \$50 MORE!**

**ABUNDANT POWER!**

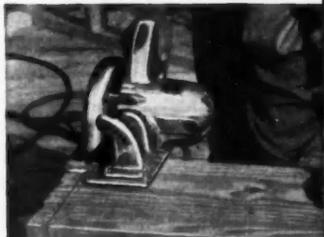
*This LECTRO-SAW has extra power that means faster sawing. For example, in a mechanically-controlled speed ripping test, it outperformed saws costing \$50 more!*

**EASY HANDLING!**

*Handle-to-blade dimension has been held to a minimum for easy control and greater cutting accuracy. Yet handle is close to center of gravity for good balance!*

**QUICK ADJUSTMENTS!**

*Depth and bevel adjustments are built-in, fast-changing. And two depth adjustments (front and rear) keep handle in comfortable wrist position, regardless of depth of cut.*



**8" Heavy-Duty LECTRO-SAW**

(Cuts to 2 1/16" depth) **only \$92.50**

For a real eye-opener in performance, check an 8" Heavy-Duty LECTRO-SAW before you buy your next electric saw! You'll be amazed at its speed, power, easy handling, safety and low price. See your building supply dealer for a demonstration. Ask him how new Standard LECTRO-BLADES actually increase output of the Saw—and new Carbide-tipped LECTRO-BLADES cut transite and Cemento Board 7 to 12 times faster than abrasive discs! Also ask about 6" Heavy-Duty at \$66.50. Write for free catalog to: HOME-UTILITY Div., BLACK & DECKER Mfg. Co., Dept. H-666, Towson 4, Maryland.

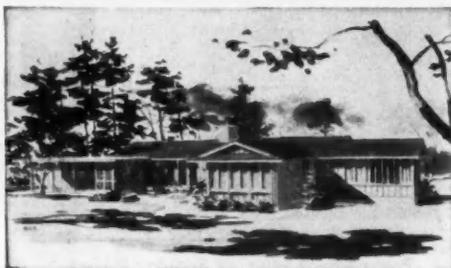
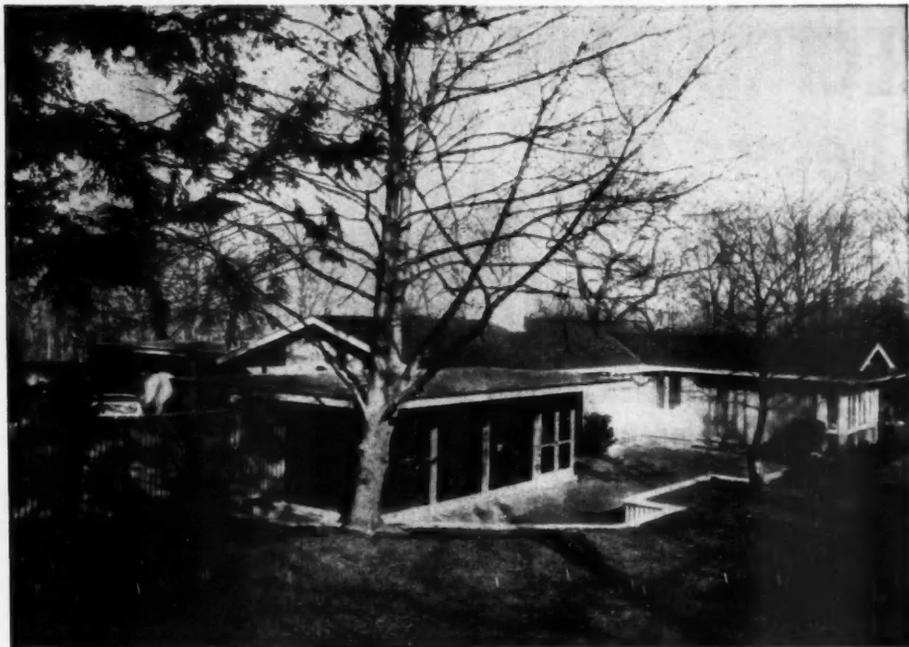
Professional Saws At Popular Prices!



Products of HOME-UTILITY Div., The BLACK & DECKER Mfg. Co.

# EVERY HOUSE BEAUTIFUL IS

***Every month it's pace-setting editorial presentations create top consumer desire in your trading area for home improvement...for new materials, new design.***



In May, it's the 1951 PACE-SETTER HOUSE . . . designed to inspire the best-customer families of your area, to give them ideas to copy for their own life, to offer them a standard against which to measure their own home plans, dreams, and present realizations.

Some years HOUSE BEAUTIFUL creates a house which is so completely the ultimate in architecture, landscaping, and decorating that, in its entirety, it could be afforded by only a very small percentage of our population. Other years the Pace-Setter house

has been of particular interest to people in the income bracket of \$10,000 to \$12,000. Built in Dobbs Ferry, N. Y., this year's Pace-Setter could be afforded—complete—by families in the \$20,000 to \$25,000 income bracket. For it can be duplicated (without furnishings) in the same county, with the same specifications, in the spring of 1951, for a shade more than \$50,000. This price does not include land, shrubbery, or fees, but it does include everything structural: fences, terrace paving, driveway, service yard facilities, and all the structural parts of the landscaping.

The composite ideas of this one house can be a yardstick against which your prospective customers can measure their own mode of living—wherever it may be. For the house was designed to be a symbol of the accepted practices of good living current in this year of 1951. It is a kind of crystallization of the meaning of our times—its technologies, its social values, its aesthetics and its emotions. Taken in its entirety, it has one kind of meaning. Taken in its individual component parts, it has another kind of meaning. One or the other, or both, should apply to your customers.

# A BIG BUSINESS-BUILDER...

**HOUSE BEAUTIFUL'S 1951 PACE-SETTER HOUSE** features up-to-the-minute tricks in controlling the climate . . . tricks in design and application of structural materials which insure maximum year-round comfort, indoors and outdoors, and minimum maintenance.

*And these consumer-slanted tricks mean bigger business for you . . . particularly if you sell insulating and waterproofing materials, prefabricated concrete and steel products, plywood, modern heating equipment, tile, air conditioning equipment, insulating glass, plastic screening.*



## TILE

The use of tile, for glowing color and ease of maintenance, is demonstrated throughout the house. The non-carpeted floors of living room, dining room, laundry and kitchen flow out to include entry and breezeway on north, big screened porch on south. Cool in summer, warmed in winter, it's stressed as an important factor in year-round indoor comfort. Tile covers kitchen and bathroom walls, adorns living room chimney breast, and is even used, with telling effect, on window seat in den.

## PLYWOOD

This year's Pace-Setter is built of big sheets of plywood instead of the thousands of pieces of sheathing and clapboard ordinarily used on frame houses. For increased strength and stability, walls have two layers on each side—the inner one nailed horizontally, the outer one vertically. Cedar and oak "naturalistic" interior veneers conform to trouble-free low-upkeep American Style living. Inside and

out, this house is one of the most important sales-builders for plywood ever presented by a consumer magazine.

## HEATING EQUIPMENT

The Pace-Setter's design demonstrates recognition of the principle that there's no substitute for a good heating plant, as well as a well-insulated and well-sited structure, in cold climate. Heating coils were installed in both the tiled floors and plaster ceilings, to keep both surfaces merely warm to the touch and avoid the uncomfortable warmth which would have resulted if all coils had been concentrated in either surface alone. This arrangement also minimizes "heat lag" effect when sun comes out in cold weather and floods house through glass on south side. Floor is relatively cool and plaster ceiling cools off quickly, so house does not overheat. Electronic controls include indoor and outdoor thermostats, hooked together so that weather changes are anticipated. A clock permits time control of night temperatures.

**FOR MORE BUSINESS-BUILDING IDEAS, TURN THE PAGE** ▶▶

# EVERY HOUSE BEAUTIFUL IS

Every month, practical trade messages like these offer you ideas for brand promotions

Available for 25c, this new **JOHNS-MANVILLE "HOME IDEA BOOK"** covers both remodeling and new construction. There's a section on exteriors including side-walls and roofs; a section on Home Insulation for greater year round comfort; dozens of ideas for interiors including suggestions for extra rooms in attics and cellars.

**BALSAM-WOOL INSULATION**—Promote remodeling insulation sales. Write for complete merchandising kit comprising displays, direct mail, ads mats, literature. Balsam-Wool fuel savings make remodeling easier to sell—new rooms can actually pay for themselves. Balsam-wool sealed insulation is available at your lumber dealer.

Color and design receive dramatic new expression in the new **1951 BIRGE** line. Sparkling versatility . . . fine interpretation of authentic designs . . . and exceptional coordination of color throughout . . . proclaim this as the finest Birge collection in over a century of wallpaper leadership. Write the Birge Company, Inc., Buffalo 1, N. Y. for name of distributor nearest you.

"What a Wonderful Way to be Different" says **BLUE RIDGE** in May House Beautiful—and shows a smart home entrance made ever so inviting with **BLUE RIDGE PATTERNED GLASS**. This series of ads gives people ideas to make their homes more enjoyable, more valuable. They're ideas you can use, too.

**PERMA-STONE** is the original moulded stone wall-facing. Used nationally for over 20 years for modernizing exteriors and for new construction. Applied over walls of any kind. Fire-safe, weather-light, vermin-proof. Provides distinctive, varied beauty of homes in group housing projects. Ideal for fireplaces, recreation rooms, bars and other interior uses.

**WELDWOOD PLYWOOD**, in a wide variety of imported and domestic woods, is especially well-suited for renovation and alteration work in homes, stores and other buildings. It offers the beauty of real wood combined with freedom from maintenance expense. Made in numerous thicknesses, it is a favored material for wall paneling, furniture and built-ins.

Here's the perfect answer to decorating problems. Whether in new or existing homes, bathroom and kitchen walls and ceilings take on a look of rare beauty with the full rich colors afforded by feather-light individual **VIKON METAL TILES**. 30 smart decorator colors to choose from.

**THE THREE WARNER MALMAISON WALLPAPERS—DOT, STRIPE, and TUFTED**—with matching Borders are an unusually versatile ensemble of wallpapers because they can be used individually in any room or all in one room. Each pattern available in four matching color combinations. Send 25c for samples of all patterns and colors.

See something new! See something wonderful! See **WINGFOOT VINYL**—The World's Most Beautiful Flooring—in **GOODYEAR'S** full-page, full-color ad in House Beautiful for May. Remarkable flooring that it is, Wingfoot Vinyl doesn't need waxing, resists marking, scuffing, sun and time! Available in a rainbow range of lovely colors!

The May issue of House Beautiful carries a full color page advertisement on **CURTIS SILENTITE WINDOWS**. If you wish a display card showing this ad, write to House Beautiful at the address given below. For literature write to Curtis Companies Service Bureau, Clinton, Iowa.

The **EASTERN PRE-FAB** has brought venetian blinds to their full perfection. Custom-made to fit your windows by Eastern Machine Products Company's many custom-manufacturers, Pre-Fab blinds are available in 14 decorator colors, all in DuPont Plastic finish. Pre-Fab venetians have the enclosed all-metal head and Eastern's famous one-piece metal bottom rail with snap-on tape clamps that make it a matter of seconds to remove the slats for cleaning.

Full-page 4-color ad backs the reader—your prospect—right into a corner. Shows him pictorially how "**MODERNFOLD**" **DOORS** . . . because they save the space swinging doors waste . . . can make a typical "Good-for-Nothing Corner Go to Work." Ad further points out how these versatile, vinyl-covered folding doors pay off as low-cost room partitions. Literature available. **NEW CASTLE PRODUCTS**, New Castle, Indiana.

Every month, free display cards and free mats for your newspaper advertising are available . . . to put **HOUSE BEAUTIFUL's** prestige as a buying guide to work for your business.

For mounted display cards, check any or all of the top-quality products below (preceded by a number), which are advertised in the May issue.

For the mat, in which product names can easily be inserted, check the square indicated.

Fill in your name and mailing address and mail to: Merchandising Division, House Beautiful Magazine, 572 Madison Avenue, New York 22, N. Y.



- |   |  |   |
|---|--|---|
| <ol style="list-style-type: none"> <li>1. BALSAM-WOOL SEALED INSULATION</li> <li>2. JOHNS-MANVILLE "HOME IDEA BOOK"</li> <li>3. BIRGE WALLPAPERS</li> <li>4. STRAHAN WALLPAPERS—HAND PRINTS<br/>"SPRINGTIME" &amp; "BEEHIVE" PATTERNS</li> <li>5. "TREND OF THE TIMES" WALLPAPERS<br/>"PLUM CRAZY" PATTERN</li> <li>6. WARNER WALLPAPERS<br/>"MALMAISON" PATTERNS</li> <li>7. BLUE RIDGE PATTERNED GLASS</li> <li>8. VIKON METAL TILES</li> <li>9. WEIRTON STEEL FOR WALLS</li> <li>10. WELDWOOD PLYWOOD</li> <li>11. WESTERN PINE WALLS &amp; WOODWORK</li> <li>12. GOODYEAR WINGFOOT VINYL FLOOR COVERING</li> <li>13. MOSAIC TILE "FORMFREE" PATTERNS</li> <li>14. PARKAY HARDWOOD FLOORS</li> </ol> | <ol style="list-style-type: none"> <li>15. ROBERTS SMOOTHEDGE TACKLESS CARPET INSTALLATION</li> <li>16. PERMA-STONE</li> <li>17. EASTERN PRE-FAB VENETIAN BLINDS</li> <li>18. KIRSCH SUNAIRE VENETIAN BLINDS</li> <li>19. LORENTZEN LEVOLOR VENETIAN BLINDS</li> <li>20. PELLA CASEMENT WINDOWS</li> <li>21. SILENTITE WINDOWS</li> <li>22. THERMOPANE</li> <li>23. MODERNFOLD DOORS</li> <li>24. NATIONAL GUARD SCREEN DOOR GRILLES</li> <li>25. STERLING HARDWARE FOR SLIDING DOORS</li> <li>26. CABOT'S COLLOPAKES</li> </ol> | <ol style="list-style-type: none"> <li>27. CABOT'S CREOSOTE STAINS</li> <li>28. COLORIZER PAINTS<br/>* MINWAX WOOD FINISHES &amp; WAXES</li> <li>29. O'BRIEN LIQUID VELVET—WASHABLE FLAT WALL PAINT</li> <li>30. RAMUC ENAMEL FOR POOLS</li> <li>31. AMERICAN-STANDARD PLUMBING FIXTURES</li> <li>32. CASE PLUMBING FIXTURES</li> <li>33. CHURCH SEATS</li> <li>34. ELJER FINE PLUMBING FIXTURES</li> <li>35. LUSTERTONE STAINLESS STEEL SINK</li> <li>36. MIAMI-CAREY BATHROOM CABINETS &amp; FIXTURES</li> <li>37. GENERAL ELECTRIC DISPOSAL</li> </ol> |
|---|--|---|

\* No card available.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ ZONE \_\_\_\_\_ STATE \_\_\_\_\_

A.B. MAY

# A BIG BUSINESS-BUILDER...

... built around the best-seller names which parade across its advertising pages.

**NATIONAL GUARD PRODUCTS, INC.**, Memphis, continues its new schedule of consistent advertising in *May House Beautiful* to promote sales through growing list of dealers for **ADJUSTABLE SCREEN DOOR GRILLES** in popular price range. Skillfully handcrafted of lasting steel, with white enamel finish, the beautiful ornamental grilles feature graceful figurines of cast aluminum.

People like windows—lots of them throughout the house. Often, they don't think about the possibility of chilliness near single-paned windows in cold weather. **LIBBEY-OWENS-FORD** reminds House Beautiful readers that for winter comfort, windows should be **THERMOPANE** insulating glass. **THERMOPANE** gives homeowners the benefits of storm sash without their bother.

Watch for O'Brien's full-page full-color ad in the *May* issues of **HOUSE BEAUTIFUL**, **BETTER HOMES & GARDENS**, and **LIVING**, introducing **O'BRIEN'S Colors of 1951**, available in **LIQUID VELVET**—America's **MOST WASHABLE FLAT WALL FINISH** and shown in the new O'Brien Color Manual on full-page 6" x 3" swatches. Complete dealer merchandising program. The O'Brien Corporation, South Bend, Ind.

Modernization is the theme of this colorful **AMERICAN-STANDARD** double-spread advertisement. Showing seven remodeled rooms—including bathrooms, basements, kitchens, and a utility room—it features the **DRESSLYN LAVA-**

**TORY-DRESSING TABLE COMBINATION** and **MASTER PEMBROKE BATH**. Other plumbing fixtures and various heating units are also shown. Includes request form for new Home Book.

Four striking pastel colors—blue, yellow, green and coral—as well as white give popular appeal to the complete Eljer line of quality plumbing fixtures. The result: Last year more **ELJER FIXTURES** were sold than ever before.

**1951 MODELS RUUD AUTOMATIC GAS WATER HEATERS** incorporate increased performance from smaller sizes along with certain material-saving design change, both for the purpose of conserving critical materials. Ruud Mfg. Co., Pittsburgh 1, Penna.

**AUTOMATIC GAS HEATING** gets another boost this month in **BRYANT HEATER'S** advertising campaign in *House Beautiful*. And Bryant distributors now offer, without charge to builders, several attractive indoor and outdoor signs to help promote Bryant gas heated homes. It pays to plan your homes for gas heating... particularly with Bryants!

Home builders and home owners today realize that a house isn't much of a home unless it is comfortable. That is why zone control is becoming popular. In the *May* issue of *House Beautiful* **MINNEAPOLIS-MONEYWELL** features a Missouri home that has four thermostats for comfort and fuel economy.

Modern living includes window, floor, attic, kitchen fans for greater comfort; cleaner, healthier homes. Soaring fan sales curve can pull your sales up too! **TORRINGTON VAIRIFIED** Tap merchandised in national advertising helps sales by identifying for consumers air-moving units having quality Torrington components. Request free book showing 113 products, sources.

Every month in *House Beautiful*, Webster advertising tells your prospects about **WEBSTER BASEBOARD HEATING**—true perimeter heating with forced hot water. Proven in service in more than 12,000 installations. Descriptive literature on request to Warren Webster & Company, Dept. HAB-5, Camden 5, New Jersey.

Retailers across the country who are aggressively promoting the **REGINA TWIN-BRUSH POLISHER** this season are tying in with the largest national advertising campaign ever run on America's No. 1 polisher and scrubber. *House Beautiful* and 13 other consumer magazines are conveying the Regina message to a readership of 125 million.

**KIRSCH** leadership is cultivated by aggressive advertising and publicity... just as it is carefully maintained in the design and quality of Kirsch products. You share in the fame of the Kirsch name when you tie-up with it in your advertising... and when you mention Kirsch on your sales floor.

Every month, free display cards and free mats for your newspaper advertising are available... to put **HOUSE BEAUTIFUL's** prestige as a buying guide to work for your business.

For mounted display cards, check any or all of the top-quality products below (preceded by a number), which are advertised in the *May* issue.

For the mat, in which product names can easily be inserted, check the square indicated.

Fill in your name and mailing address and mail to: Merchandising Division, *House Beautiful* Magazine, 572 Madison Avenue, New York 22, N. Y.

- 38. PERMAGLAS AUTOMATIC WATER HEATER
- 39. RUUD-MONEL WATER HEATER  
\* MORTELL NO-DRIIP TAPE
- 40. AMERICAN-STANDARD BASEBOARD HEATING
- 41. AMERICAN-STANDARD HEATING
- 41. BRYANT AUTOMATIC HEATING
- 42. EBCO "OASIS" AIR DRIER
- 43. HUNTER PACKAGE ATTIC FANS
- 44. ILG ELECTRIC VENTILATORS
- 45. MINNEAPOLIS-MONEYWELL THERMOSTATS
- 46. MUELLER CLIMATROL
- 47. TORRINGTON "VAIRIFIED" AIR MOVING UNITS
- 48. TRADE-WIND KITCHEN CLIPPER VENTILATOR  
\* WEBSTER BASEBOARD HEATING
- 49. WILLIAMS OIL-O-MATIC OIL BURNER

- 50. DEEPFREEZE HOME FREEZER
- 51. PHILCO HOME FREEZER
- 52. REGINA TWIN-BRUSH FLOOR POLISHER
- 53. ROPER GAS RANGES
- 54. THERMADOR BILT-IN ELECTRIC RANGE  
\* TUCKER TELESCOPE HANDLED HOUSE WASHER
- 55. UNIVERSAL SELECT-A-RANGE
- 56. YOUNGSTOWN KITCHENS
- 57. INCLINATOR HOME ELEVATORS
- 58. SEDGWICK RESIDENCE ELEVATORS
- 59. SHEPARD HOMELIFT & ESCALIFT  
\* LYONS KITCHENS

- 60. K-VENIENCES FOR KITCHENS
- 61. TUTCH-LATCH FOR CABINET DOORS
- 62. CUTLER-HAMMER MULTI-BREAKER
- 63. PORTLAND CONCRETE
- 64. WEST DODD LIGHTNING PROTECTION
- 65. ANCHOR CHAIN LINK FENCES
- 66. DUBOIS OLD FASHIONED POST & RAIL FENCE
- 67. HABITANT RUSTIC WOOD FENCE
- 68. RUSTICRAFT WOODEN FENCES & GATES

\* MAJESTIC OUTDOOR FIREPLACE UNIT  
\* No card available.  
 "SEEN IN HOUSE BEAUTIFUL" MAT

## COLLINS CONCRETE

as currently seen in  
*House Beautiful*



NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ ZONE \_\_\_\_\_ STATE \_\_\_\_\_

A.B. MAY

**THERE'S NO BETTER  
SHINGLE VALUE  
ON THE MARKET TODAY!**



than **TEXACO'S** top performing  
**TEX-LOK**

**DOUBLE COVERAGE!  
HEAVY DUTY!  
INTER-LOCKING!**

**F**OR new construction or re-roofing, for farm and commercial buildings—your customers will be glad you recommend **TEX-LOK**. It's the double coverage, heavy duty, interlocking type shingle that has been tested in every weather — and weathered every test!

**TEX-LOK's** built to resist high winds. It's fire-resistant and mighty good looking on the roof. Lasts longer, too.

And—it's **TEXACO**—the name that millions know and trust. *There's no better shingle value on the market today!*

• • •  
*TEX-LOK Shingles are available in the areas currently served from roofing plants located at Lockport, Illinois; Port Neches, Texas and Port Wentworth, Georgia.*



**In the East, it's...  
TEX-LATCH**

*Available in the areas served from the Edge Moor, Delaware roofing plant—another top-performing Texaco asphalt shingle . . . TEX-LATCH. It's similar to Tex-Lok, differing in the method of locking tabs. It's heavy duty, double coverage and interlocking.*

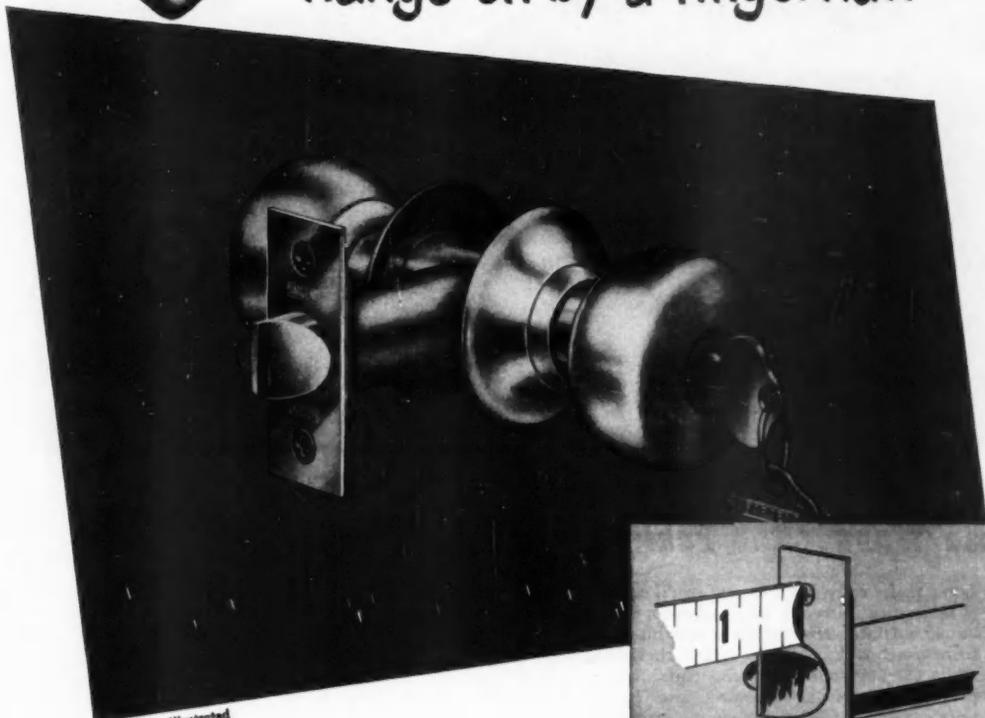


MEMBER OF THE  
ASPHALT ROOFING INDUSTRY BUREAU

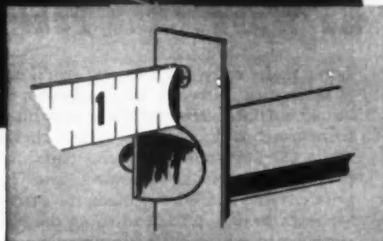
AMERICAN BUILDER



"The lock that never hangs on by a fingernail"



4505/2AA Illustrated



The Sargent 4500 has a full 1/2" throw

• Another reason why the Sargent 4500 leads among bored-in locks — it never has to "hang on by a fingernail" because the 4500 has a full 1/2" bolt throw.

And you know the bolt will travel the full distance every time because the Sargent 4500 is built with four separate springs for smooth, positive latching.

A better lock by —



Ask your supplier or write us for full details on this easiest-to-install lockset. Dept. 5D

**Sargent and Company**

New York      NEW HAVEN, CONN.      Chicago

*Builders Hardware and Fine Tools since 1864*



*Quality*  
THROUGH AND THROUGH

## No Wonder the Public Likes It!

Look at the extra features and you'll see why Eljer's Martha Washington Vitreous China Lavatory is so popular. The unmarred back surface is made possible by the Eljer concealed front overflow . . . the generous shelf back provides extra room for bathroom odds and ends . . . an anti-splash rim prevents water from "slopping" over . . . Eljer Brass is distinctly styled and quality made for extra-long service . . . and for extra-beauty in the bathroom the Martha Washington, in color or in white, can't be topped.

But most important of all . . . the Martha Washington, like all other Eljer Fixtures, represents quality through and through . . . quality that means customer satisfaction for you. For complete information on the complete Eljer Line of fixtures and fittings, see your Eljer Distributor or write Eljer Co., Ford City, Pa.

- \*
- Real Vitreous China
- Concealed Front Overflow
- Spacious Shelf Back
- Anti-Splash Rim
- Renewable Brass
- Outstanding Beauty

*It pays you, it pays us—because we specialize in Plumbing Fixtures and Brass*

# ELJER





# ASSOCIATIONS

## *Their Plans and Activities*



## Industry Outlook Under Controls Studied at Dealer Conventions

**Record numbers of retail lumbermen hear experts probe building situation at state, regional meets**

Resolutions calling for the holding back of legislation for defense housing, and urging relaxation of Regulation X in areas where more housing may be needed, climaxed the annual convention of the Northeastern Retail Lumbermen's Association at the Hotel Statler in New York City January 29-31.

More than 4,000 persons registered for the meeting, the association's 57th. There were around 115 exhibitors.

Speaking at the final session, Senator Everett M. Dirksen of Illinois told delegates "that while the nation is in peril from forces that are at work in foreign lands, let's not forget the jeopardy we are in, in our own country . . . the danger from forces that are moving, that can take away our freedom overnight."

Dirksen predicted that "the people of the United States will meet the challenge of the menace to our freedom in the same resolute fashion that we have done throughout our history."

Convention delegates also heard Clyde A. Fulton, president of the National Retail Lumbermen's Association, discuss the association's objectives for 1951; Roy Wenzlick, St. Louis business analyst, forecast "The Outlook for Real Estate and Construction; Edward G. Gavin, *American Builder* ed-

itor, talk on "The Great Opportunity Before Us"; and other well-known speakers.

Russell L. Fish of Scituate, Mass., was elected Northeastern president for 1951, succeeding John W. Dain, Mahopac, N.Y. Other officers named were vice presidents Frank H. Morin, Fulton, N.Y.; J. Harold Stacey, Windsor, Vt.; Deyo W. Johnson, Ellenville, N.Y.; Arthur Clifford, Bridgeport, Conn.; and treasurer Oliver J. Veling, Buffalo, N.Y.

### Southwestern

The 3,753 persons who registered at the 63rd annual convention of the Southwestern Lumbermen's Association set an attendance mark which passed the previous record by more than 500. The meeting was held at the Kansas City, Mo., municipal auditorium January 24-26.

Delegates chose for 1951 president Clarence D. Burkholder of McPherson, Kans. He succeeds Charles H. Kemper, Troy, Mo. Named first, second and third vice presidents, respectively, were Henry H. Jones, Little Rock, Ark.; Fred S. Stephenson, Chickasha, Okla.; and Sam M. Arnold, Kirksville, Mo.

Convention speakers included attorney C. Boyd Mahin of MacLeish, Spray, Price and Underwood, Chicago; Gerald F. Hoppe, Minnesota and Ontario Paper Co., Minneapolis; Ralph W. Carney, the Coleman Co., Inc., Wichita, Kan.; Martin V. Coffey, Philip Carey Manufacturing Co., Cin-  
*(Continued on page 218)*

## Ease "X" to Spur Housing in Key Areas, Atkinson Asks

Relaxation of Regulation X would spur production of housing in war production areas where need is increasing, W. P. "Bill" Atkinson, president of the National Association of Home Builders, recently told members of the House Banking and Currency committee in Washington.



**NAHB PRESIDENT W. P. "Bill" Atkinson, Oklahoma City developer, testifies before House banking and currency committee on proposed Defense Housing Act of 1951**

Atkinson, testifying on the Defense Housing Act of 1950 (H.R. 1273), said that "such action should be taken immediately, while the supply of critical materials, particularly metal items, is reasonably adequate."

Referring to the proposed legislation as an omnibus bill, he said that many provisions are well adapted to the problems they seek to solve. He disapproved of other provisions and offered suggested amendments.

Atkinson outlined the following points as essential to any successful program designed to stimulate defense housing production:

(1) Regulation X should be relaxed in designated defense areas to spur production of as many houses as possible under existing legislation.

(2) The Federal Housing Administration should be authorized to insure, in defense areas, loans up to 90 per cent, based on acceptable risk in view of the emergency, with authority for slightly higher mortgage maximums in higher cost areas.

(3) Mortgage insurance for loans on rental projects of mobile or ge-

*(Continued on page 218)*



**1951 OFFICERS of the Northeastern Retail Lumbermen's Association, named at recent convention (from left): Executive vice president, Paul S. Collier, Rochester, N.Y.; fourth vice president, Arthur Clifford, Bridgeport, Conn.; second vice president, J. Harold Stacey, Windsor, Vt.; president, Russell L. Fish, Scituate, Mass.; first vice president, Frank H. Morin, Fulton, N.Y.; and third vice president, Deyo W. Johnson, Ellenville, N.Y.**



## Dealer's Viewpoint

H. R. NORTHUP, Executive Vice President,  
National Retail Lumber Dealers Association

### More Steel is Good News

Confirmation of the fact that expansion of the steel industry actually is under way is the best news our industry has had for many months on the economic front. The hope is to add within the next two years enough extra steel capacity to enable our great American production machine to meet its continuing defense requirements and at the same time fill near-normal civilian needs.

The news is good for the building industry because steel undoubtedly will be the principal factor determining how many homes, stores, and other buildings we can put up from now on. For many purposes, of course, lumber or other materials can replace steel, especially in home building, but some steel products are essential.

One of our principal tasks here in Washington will be to see that construction gets its fair share of the supply of steel allocated for non-military use. There will be many pressures from other industries, and defense officials will have to make arbitrary decisions. Our industry must make sure that those who make the decisions keep the building industry's needs in mind at all times, until sufficient new capacity has been

brought into production to satisfy all claimants.

We must not forget that every additional ton of steel made available for construction opens up a wider market for lumber, gypsum products, and other non-critical materials, while every ton that goes to some other industry means a correspondingly smaller demand for those materials.

The decision to expand steel production during the emergency is good evidence that American industry and our top defense officials are determined to keep the country strong on the home front while expanding our defenses. That kind of thinking and planning augurs well for our economic future.

Until the new steel capacity materializes, we all can serve the public interest, and our own, by using critical materials wisely, eliminating waste in their use, and utilizing suitable substitutes wherever possible. And we must enlist the cooperation of the public to the same end.

The ingenuity which the building industry has demonstrated through the years will let us do a lot of building in the months ahead if we accompany it with good judgment.

## Brock Named '51 President Of California Institute

Milton J. Brock, former president of the National Association of Home Builders, has been elected 1951 president of the Home Builders Institute, Los Angeles, succeeding William H. Evans.



MILTON J. BROCK, new president of the Home Builders Institute of Los Angeles, is presented gavel by David D. Bohannon, prominent San Francisco builder-developer, as William H. Evans, 1950 president of the Los Angeles group, looks on

Other officers named were Mark A. Thorenson, first vice president; E. Avery McCarthy, second vice president; Arthur C. Wright, third vice president; and William H. Evans, treasurer. Clifford L. Rawson was re-elected executive secretary.

Other positions Brock has held are NAHB treasurer, secretary and director; president of the Building Contractors Association of California; and president of the Construction Industries Exposition and Home Show of Southern California.

## L. I. Group Adds 445 Members in '51 to Rank Third in NAHB

By adding 445 members in 1951, the Long Island Home Builders Institute more than tripled its membership and advanced from twenty-first to third place among National Association of Home Builders chapters, it has been announced by Frederick E. Gibson, institute president.

Current membership, Gibson said, is 659, compared to 214 a year ago, a net gain of 207.9 per cent. This was the largest percentage gain among the 149 groups affiliated with NAHB and the institute was awarded a plaque for the achievement at the recent national convention. The new strength entitles the group to five national directors instead of the former two.

Gibson said that the Long Island chapter now ranks third numerically in NAHB, only exceeded by the state association of California with 1,610 members and the Chicago Metropolitan Home Builders Association with 839.

The campaign for new members last year was under the direction of Bernard Krinsky, he and Leonard L. Frank, president, setting a goal of 642 members by January 1, 1951, three times the strength at the time.

## Seattle Leaders for 1951



1951 OFFICERS and directors of the Seattle Master Builders Association at recent installation meeting (from left): Samuel Anderson, regional vice president; Ross Hebb, president; A. C. Goodwin, vice president; Kenneth Larsen, secretary; Harold L. Larsen, director and outgoing president; Meade Hargis, treasurer; and directors William Johannessen, Albert LaPierre, Cecil Beal and Gordon Rogers. Directors not in picture are Victor Chapman and E. J. Groseclose. Ross Hebb, V. O. Stringfellow and Albert Balch are regional directors

## NAHB Committees for 1951

### Announced by Atkinson

Organization of the 1951 National Association of Home Builders' Executive Committee and President's Advisory Council has been announced by President W. P. Atkinson. Making up the groups are:

**Executive Committee** — President Atkinson, 1950 President Thomas P. Coogan, First Vice President Alan Brockbank, Second Vice President E. M. Spiegel, Secretary R. G. Hughes, Treasurer Nathan Manilow, Joseph Haverstick, Leonard Frank, Emil Gould, Floyd Kimbrough, Paul Burkhard, V. O. Stringfellow, Earl Smith.

**Advisory Council**—Nine past presidents, Harry Durbin, David Bohannon, Fritz Burns, Robert Gerholz, Joseph Merrion, Joseph Meyerhoff, Milton Brock, Edward R. Carr and Rodney M. Lockwood; Frank Robertson, W. Hamilton Crawford, Franklin Burns, Richard Hail Brown, Frank Collins and Wallace Johnson.

Also named were standing committee chairmen—R. G. Hughes, Regional Vice Presidents' Council; Alan Brockbank, Legislative; Rodney Lockwood, Emergency Committee on Production and Distribution of Building Materials; E. M. Spiegel, Emergency Committee to Effect Economies in Materials and Construction; Joseph Haverstick, Convention; Wallace Johnson, Economy Rental Housing; and Floyd R. Kimbrough, Membership.

### New Indianapolis Executive

G. William Mohr has been appointed executive vice president of the Marion County Residential Builders, Inc., Indianapolis, C. A. Wacker, president, has announced. Mohr succeeds Elmer E. Meadley, who recently resigned.



G. WILLIAM MOHR, seated, new executive vice president of Marion County Residential Builders, Inc., Indianapolis, and Elmer E. Meadley, who recently resigned

Prior to joining the builder group, Mohr was executive secretary of the Indiana Trailercoach Association. He also worked with the law firm of Lockwood, Goldsmith and Galt and attended the Indiana Law School division in Indianapolis. A native of Tiffin, Ohio, he is a graduate of Indiana University.

## Cortright's Column



FRANK W. CORTRIGHT, Executive Vice President, National Association of Home Builders of the United States

### Public Relations for the Ladies

Every builder knows the economic fact that women control the Nation's pursestrings . . . that they are the major factor in every home sale.

Further, they are a powerful force along the political front, through such organizations as the League of Women Voters. It is only natural, then, that the NAHB pays special attention to the fair sex and often beams articles and stories directly at them.

One of our latest methods of reaching this ever-growing and powerful audience has been the medium of radio. Each week the NAHB sends out to 400 radio stations a three page summary of the latest news about housing. Most stations use the information on their women's programs between 9 and 12 a.m. Comments from radio station managers prove the success of this public relations effort.

Here in abbreviated form, are sample offerings of NAHB's continuing effort to place housing facts before the listening audience:

... "The five millionth postwar home was started somewhere in the United States this month, according to a report from the National Association of Home Builders. This production has smashed all previous records. NAHB officials say the five millionth house should be completed sometime in May, about the same time production controls will begin to slow up the fast-moving housing industry.

... "Here's an interesting bit of information on new homes about which few people are aware. Research on wheels is making life more comfortable for home owners. This time it's a new mobile laboratory, in a truck, that makes tests of heating systems being installed on housing sites. The laboratory is composed of 400 pounds of the latest electronic temperature measuring devices. First assignment for this traveling test tube is Chicago, where's there's plenty of work to be done, according to builders and the weather man.

... "Tests will be made on all sorts of heating systems. The tests will determine heating efficiency and economy in homes with concrete floors and conventional basements. Also up for study are substitute materials used in heating systems for basementless homes. Further study will be made as to the effort of introducing warm air into rooms at various levels and locations."

... "You've heard about the old saying, 'Give 'til it hurts.' That's what builders are trying to do for GI's in Korea. Members of the New Jersey Homes Builders' Association at Camden have pitched in together on a Blood Donor's Program. Members contribute regularly for our fighting forces in Korea. Blood donations are now organized as part of the Home Builders 1951 program in Camden.

... "Let's take a fast Cook's tour around the country on the housing situation: Here are signs of our times—renters, particularly veterans, are becoming home buyers in ever increasing numbers. Observers say the trend is the result of families wanting to be settled in these unsettled times. For example, in Atlanta, Ga., some apartments are going begging while prospective home buyers swamp new housing subdivisions.

... "Here is good news for veterans: any veteran who purchased a lot for building prior to October 12, 1950, (the date Regulation X became effective) is now exempt from credit restrictions imposed on GI loans. However, the Veterans Administration says he must show evidence of intentions to build, such as the hiring of an architect, or negotiating with a contractor, prior to October 12. For more information, contact the local VA office.

... "That's all for today on the home front. Tune in again to this same station for "five minutes of the latest news about housing."

That's Public Relations In Action!

## Avery Mays Gets Dallas Trophy for Civic Service

The first annual Hugh Prather award to the Dallas builder who has performed the most outstanding civic services was won by Avery Mays, 1949 president and charter member of the Home Builders Association of Dallas. The award was presented at recent association banquet in the Dallas Athletic club which also featured installation of 1951 officers, headed by President Roland Pelt.

In presenting the trophy, B. Hicks Majors, one of the judges, said that Mays participates in nearly every civic movement in Oak Cliff, where he lives with his wife and two children. He is



**CIVIC SERVICE** award of the Dallas Home Builders Association is presented to Avery Mays, right, by B. Hicks Majors, a member of the group's panel of judges

vice president of the Oak Cliff chamber of commerce, head of the civilian defense committee, a director of the YMCA, past president of the Kiwanis club, a Boy Scout official and the leader in Red Cross and Community Chest drives. He is serving his second term on the Dallas board of education.

The trophy was donated in honor of Hugh Prather, a Dallas land developer who organized and was first president of the Dallas association.

New officers installed, in addition to Pelt, were Charles R. Tips, vice president; Lacy R. Keele, secretary; and Wilson H. Brown, treasurer. Grover A. Godfrey is executive vice president and John J. Foley, field secretary.

## Jersey Builder Convention Scheduled April 5-8

The third annual convention and exposition of the New Jersey Home Builders Association will be held April 5-8 at the Claridge Hotel, Atlantic City, Morris Sarshik, chairman, announces.

Sarshik said the event "has grown into the largest trade show in the east and one of the most successful in the country" and that an estimated 1,200 home builders, architects and building material representatives will attend.

Assisting Sarshik on the convention

## New Albany Officers Installed



**AT INSTALLATION** dinner of Home Builders Association of Albany, N.Y., Inc., are (from left) Leo P. Byrnes, newly-elected president; William J. Tobin, principal speaker, director of chapter relations for NAHB; Frederic H. Sheldon, program chairman; and John J. Murray, of the Common Council of Albany. Other association officers, not shown in picture, are James A. Rooney and Frank B. Mulligan, vice presidents; Sidney A. Friedman, secretary; and John J. Cunningham, treasurer. Joseph F. Dequan is executive director

## Westchester Leader for 2nd Term



**MORE THAN 300** persons attended annual dinner-dance of Home Builders Association of Westchester at the Gramatan Hotel, Bronxville, N.Y., where Frank P. Tufaro (center) was installed as president for second year. Others (from left) are J. Raymond McGovern, New York state controller; Thomas P. Coogan, 1950 president of the National Association of Home Builders; Rep. Ralph W. Gwinn of New York; and Harold M. Clay, district director, Federal Housing Administration. James E. Cook served as chairman for the program.

## A Pre-Convention Party



**MEMBERS** and guests of the Associated Home Builders of Sacramento at recent party

committee are Carl S. Carlson, Carl Mitnick, John Mahoney, Fred Naef, Lou Levin, Charles Ginnetti, Raymond Hanly, Stephen Dudiak, Ralph Carlotta, Arthur Padula, Byron Renninger, Herb DuBois and Arthur Turner.

## Unit Heater Officers

Recently reelected to lead the Industrial Unit Heater Association were: president, J. C. Patterson; vice president, H. S. Wheller; treasurer, L. O. Monroe.



*People go for*  
**Westinghouse**  
*Equipped Houses*

**THREE PROMINENT BUILDERS  
 FIND THIS TO BE TRUE**

"Equipped every one of our units with a Westinghouse Dishwasher, Waste-Away Food Waste Disposer, Rancho Range, Refrigerator, Laundromat and Dryer . . . have a long waiting list . . . people were enthusiastic in their praise for Westinghouse Equipment."

**Duenke Construction Co. Harry A. Cotton, Vice Pres.**

1



"Installed Westinghouse Dishwashers in 300 homes. Plans are projecting on installing the same appliances in approximately another thousand units. We have absolute confidence in Westinghouse, and their performance has made them acceptable to our customers."

**Milton Construction & Supply Co. Elmer E. Vorhof, Pres.**

2



"Equipment being installed in some 300 houses are Westinghouse Dishwashers, Waste-Aways, Laundromats, Dryers, Refrigerators and Ranges. We selected Westinghouse because we felt this equipment was the best. Public acceptance of this equipment in the houses has exceeded expectations."

**Charles F. Vatterott & Co. Charles F. Vatterott, Jr.**

3



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

**WESTINGHOUSE ELECTRIC CORPORATION**

Electric Appliance Division • Mansfield, Ohio

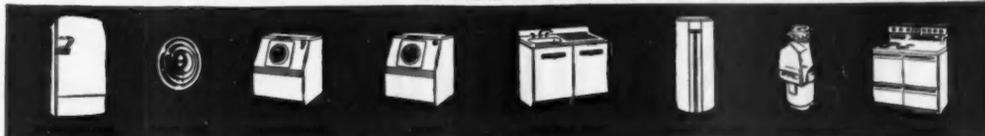
Please send me your 1951 Appliance Catalog

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

4AB



# THE MOST INSULATING EFFICIENCY IN THE SMALLEST PACKAGE!



## Reynolds Aluminum Reflective Insulation



With just a 15-lb. package under each arm you've got 500 square feet of high-efficiency insulation, ready to tack or staple in place (250 sq. ft. to the roll; 25", 33" and 36" widths). And you've got a vapor barrier that rates top of the list in the National Bureau of Standards Report BMS63. All at extremely low cost!

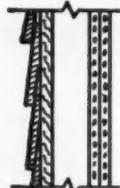
This aluminum reflects up to 95% of radiant heat...away from the house in summer, back into the house in winter. It's aluminum foil mounted to both sides (Type B) or one



side (Type C) of tough kraft paper. Pressure-embossed in attractive design for extra solidity...clean, pliable, easy to cut and handle.

Type B is the ideal insulation and vapor barrier under floor joists over unheated crawl spaces. It divides stud space in side walls to provide *two* reflective faced air spaces. Excellent over ceiling joists or under rafters. Especially important under new FHA vapor barrier requirements. Mail coupon for full details. **Reynolds Metals Company**, Building Products Division, Louisville 1, Ky.

THIS REDUCES  
HEAT LOSS 28%



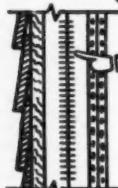
Wood siding and  
frame, uninsulated  
—overall heat loss  
0.25 BTU/hr./°F.



THIS REDUCES  
HEAT LOSS 48%



One layer of  
single-faced foil  
—overall heat loss  
0.18 BTU/hr./°F.



One layer double-  
faced foil insulation  
—overall heat loss  
0.13 BTU/hr./°F.

Aluminum is required for planes and other military needs. Reynolds Aluminum Reflective Insulation is still produced, but the total supply is necessarily reduced. Keep asking your dealer.



REYNOLDS METALS COMPANY  
Building Products Division  
2003 South Ninth Street  
Louisville 1, Kentucky

Please send full information on your  
 Reflective Insulation  Nails  
 Farm Roofing and Siding  Windows

Name \_\_\_\_\_

Address \_\_\_\_\_

*Check and Mail this Coupon NOW!*

# REYNOLDS ALUMINUM

AMERICAN BUILDER

## LETTERS

### Readers Comment on American Builder's Reply to Foley Criticism

A letter from HHFA Administrator Raymond M. Foley, criticizing the *American Builder* editorial on page 107 of the December issue, was reproduced with Editor E. G. Gavin's reply on pages 102 and 103 of the February issue. The following columns contain a few of the letters from readers who commented on the exchange of correspondence. Surprising though it may seem, not one letter was received from anyone who disagreed with the points in the December editorial or with Mr. Gavin's reply to Mr. Foley. For obvious reasons names and addresses have been deleted from these letters, originals of which are on file in the *American Builder* editorial offices.

Sir: It is extremely rare that I am moved strongly enough to write editors and similar men letters to express my personal views whether in accord or opposed to theirs. Perhaps men like myself should do it more often, but there is a reluctance to be in the limelight. However, I cannot but tell you how highly I think of your splendid reply to Mr. Raymond M. Foley as published in your February issue of *American Builder*. This bit of correspondence should be published in every truly *American* newspaper in the land. The people must wake up—and fast—to the conditions being imposed on them under the guise and threat of an alleged emergency. I am looking beyond "Regulation X," and see in your letter a reply to the whole Washington Administration. If I am not wrong in this may I say: "All power to your pen!" I hope all your subscribers and thousands of others read your letters and see the light soon if they haven't already done so.

Architect  
Minnesota

Sir: I wish to commend you on your masterful reply to Mr. Foley, HHFA administrator. I have been in full accord with your views since first reading your editorials, and wish this country had more fearless men with vision, foresight and courage to voice their convictions. Doubtless many, like myself, wonder what is happening to our country. Too many Americans take the utterances emanating from high government sources as sacrosanct and swallow the bitter

pill without question. We have been led down the road to socialism and a welfare state to such an extent that the people's initiative and ambition have been dulled and many are now content to accept handouts from social security or unemployment relief rather than do an honest day's work. More power to you in your fight for the things America believes in.

Builder  
North Carolina

Sir: Your reply to Raymond M. Foley, pages 102-103, February *American Builder*, makes most heartening reading. Also editorial "Need more housing—not less." Keep up the good work, as such is badly needed to combat present trend, to which there is much opposition, but unorganized, and writings such as yours offer hope that perhaps, in the not too distant future, the American people will realize what is happening to them.

Builder  
Tennessee

Sir: Re your reply to Mr. Foley. Let me thank you for your straight-forward reply and the deep thoughts that motivated the same. What I want to know is, how much more are we going to stand for the actions of this motley group of Internationalists who are selling us "down the river?" Ulterior motives? That's putting it mild.

Builder  
New Jersey

Sir: Just a note to compliment you on your well worded reply to the letter you received from Mr. Foley as outlined in the February issue of your excellent publication. The thoughts expressed in your reply certainly accurately reflect what's in the minds of most Americans these days. It certainly would be a real pleasure to have you stop and visit our plants and office any time you are down through Indiana.

Manufacturer  
Indiana

Sir: I have just finished reading pages 102 and 103 of the current issue of the *American Builder* which comprises Foley's letter to you and your reply. Your original editorial  
(Continued on Page 250)

# STAY TIGHT WITH KAY-TITE



**KAY-TITE**  
CONTROLS WATER SEEPAGE  
IN POROUS MASONRY

CEMENT BLOCK WALLS  
STUCCO SURFACES  
PUMP AND BOILER FITS  
FIELD AND QUARRY STONE  
CONCRETE MASONRY

CINDER BLOCK WALLS  
RETAINING WALLS  
ROUGH MASONRY  
UNGLAZED TILE  
SWIMMING POOLS  
CISTERNS SILOS  
ELEVATOR PITS  
CELLARS  
RESERVOIRS  
COPINGS  
BRICK WALLS  
BRICK PIERS  
FISH PONDS

KAY-TITE CAN BE USED ABOVE OR  
BELOW GRADE, INSIDE OR OUTSIDE

Available in 50 lb. drums  
White and 9 colors. Write

## KAY-TITE

COMPANY  
Box 550

West Orange, New Jersey

# What's the BIG MARKET IN '51?



## 6 low cost ways to REMODEL THIS SPRING



**1. BUILD A WARM-UP ROOM** of the bath- or shower room to then separate and wall up to create an atmosphere with the best of both worlds. Use Gold Bond Gypsum Wallboard for the walls and ceiling. Use Gold Bond Gypsum Wallboard for the floor. Minimum cost, easy to plan.



**2. A WARM, CLEAN FINISH** is the result of Gold Bond Gypsum Wallboard. It's smooth, white and helps keep temperatures even. Besides, it's easy to clean. Minimum cost, easy to plan.



**3. SAVE UP TO 50%** on paint and labor by using the Gold Bond Gypsum Wallboard. It's smooth, white and helps keep temperatures even. Besides, it's easy to clean. Minimum cost, easy to plan.



**4. SAVE ON ROOFING AND CEILING** by using Gold Bond Gypsum Wallboard. It's smooth, white and helps keep temperatures even. Besides, it's easy to clean. Minimum cost, easy to plan.



**5. MAKE YOUR OWN REFRIGERATOR** by using Gold Bond Gypsum Wallboard. It's smooth, white and helps keep temperatures even. Besides, it's easy to clean. Minimum cost, easy to plan.



**6. GET YOUR GOLD BOND** Gypsum Wallboard. It's smooth, white and helps keep temperatures even. Besides, it's easy to clean. Minimum cost, easy to plan.

## Remodel on a Budget



You'll build or remodel better with  
**Gold Bond**

Build your home to last with new remodeled wood floor or wood tile floor. You can build a dining room or a room of your own with big, fireproof panels of Gold Bond Gypsum Board, and Gold Bond Back Board waterproof to moisture against heat and cold.

### Six good ideas that cost less than you think...

**THE** time to remodel is when you think you don't. And the cost may be less than you think, even today. For many of the best building materials have not gone sky-high. And they are so easy to use, so versatile, that installation costs aren't so high as you think.

**GYPSUM BOARD COSTS REMODELING COSTS** The "alcove room" above, for example, was in a corner of a multi-story cost of 1000. Gold Bond Gypsum Wallboard, made by National Gypsum. These big

panels 4 feet square can be saved as easily as wood, and are a cinch to nail up to studs or rafters, or right over an old wall. Joints can be made invisible with the new tape-joint system developed by Gold Bond. Available in standard and heavy colors that can be painted or papered, or in wood-grain finishes (see picture on next page).

**FUEL SAVINGS HELP PAY BILL** To save fuel and keep the room snug in winter and cool in summer, insulate with Gold Bond Studded Blankets of fire-

proof rock wool. Put them between studs and joists before applying wallboard.

**NOW IS THE TIME** Today you can build or remodel better with a choice of over 150 Gold Bond Products, all available through your local Gold Bond dealer and building materials dealer. For money-saving suggestions and sound advice, or for free!

**NATIONAL GYPSUM COMPANY**  
DETROIT 2, MICH. 48202

# NATIONAL GYPSUM COMPANY

Fireproof Wallboards, Decorative Insulation Boards, Lath, Plaster, Lime, Sheathing, Wall

# ... REMODELING !

## Who's helping you get the big share?...GOLD BOND!

### the Gold Bond way !



1. Here's the girl's bedroom as left from start to finish. See how Gold Bond Rock Wool Insulation is used in the walls and ceiling before nailing up the panels of Resound Gold Bond Gypsum Wallboard.



2. That of working dishes in a dining room? Partition off a large cheerful family with big Resound panels of Gold Bond Gypsum Wallboard. Use Gold Bond Perforated Tape Systems to conceal the joints.



3. It's easy to nail Gold Bond Gypsum Wallboard to wood framing or an old wall. The new room takes form like magic. Decorate with Gold Bond Surface Paint or Color Texture in one of 8 new decorative shades.



4. How about a beautiful wood-grain finish in your new game room... at the low cost of wallboard? New Gold Bond Gypsum Gypsum Board comes in 3 stunning finishes: Knotty Pine, Dark Walnut, and Bleached Walnut.



5. You've always wanted a handy powder room downstairs for the children and guests. It's easy to build under the stairway or at the end of that too-long rear closet with fireproof Gold Bond Gypsum Wallboard.



6. Just savings pay a big part of remodeling costs when you insulate with Gold Bond Rock Wool. Look for the familiar orange and tan stripes. This trademark on all Gold Bond Building Products means the finest available.



7. Add an extra month of summer by finishing off your summer cottage with colorful Gold Bond Insulation Board. Comes in large panels, planks, and tiles. Light, easy to handle, needs no further decoration.



8. Want to have more fun entertaining at home? Partition off a recreation room with low-cost Gold Bond Insulation Board. Planks on wall and tiles on ceiling make a cozy party anywhere in smart in any angle club.



9. Handles-with Gold Bond Insulation Plank makes a colorful, good-looking wall that needs no further decoration. Easy to put up! Helps smother noise and sounders against heat and cold. Ask your Gold Bond dealer!

THESE two ads (at left) mean business...for you! Take a look at them. Notice the strong low-cost appeal. Check the many remodeling ideas they give—using Gold Bond Wallboards and Grainboards, Rock Wool Insulation and Paints. They'll appear in magazines having a total circulation of almost *fourteen million readers!* Half of these prospective clients live on farms...the other half in urban areas. So wherever you are, you'll get your share of the business that's sure to result!

You'll build or  
remodel better with  
**Gold Bond**

## BUFFALO 2, NEW YORK

Paint, Color Texture, Rock Wool Insulation, Metal Lath and Sound Control Products.

APRIL 1951

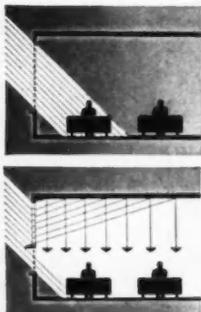


Exclusive new face finish on light-directing  
Insulux Glass Block cuts cleaning costs!

## New economies for Daylight Engineering



Installation speed goes up! The new  
gold stripe makes it easier and faster  
to identify inside top of block.



Direct sun causes uncomfortable  
brightness near windows, extreme  
contrast elsewhere in room.  
Insulux Fenestration directs and  
spreads daylight to ceiling, keeps  
brightness at comfortable levels.

Now, a brand-new finish on Insulux Light-Directing Glass Blocks virtually eliminates post-construction cleaning expense! Even the hardest, dried-on mortar rubs off quickly and easily. No longer is it necessary for costly, time-consuming cleaning to take such a large part of your installation dollar.

Important as this plus feature is, it's only incidental when compared to the *lifelong advantages* an Insulux Fenestration System installed on Daylight Engineering principles gives to any building. Supplies of the new block and all of the materials needed for fast installation are *non-critical and immediately available*.

The knowledge and experience of a Daylight Engineer is at your service. Just call or write: Daylight Engineering Laboratory, Dept. A.B. 4 Box 1035, Toledo 1, Ohio. Insulux Division, American Structural Products Company, subsidiary of Owens-Illinois Glass Co.



**INSULUX "WALLS OF DAYLIGHT"**  
— by the pioneers of Daylight Engineering

# On and Off the Record

News, Views and Comments

**HARRY F. BYRD**—The Virginia senator recently said for the record, "While insolvency from deficit-financed Federal programs which stifle individual initiative and private enterprise will be the overpowering force behind our capitulation to socialism, if that is to be our fate, evil loves company."

**EVIL COMPANIONS**—"The evil companions of this unbridled deficit ogre," continued the Senator, "are: (1) Confiscatory taxation; (2) Government competition with private enterprise and business; (3) Federal usurpation of State and local prerogatives; (4) Government invasion of private privileges; and (5) disregard of constitutional processes."

**NOTHING NEW**—The Senator said nothing new. But he did point up the evil of socialism and back it with the authority of a statesman.

**RUSSIA**—"For a moment I thought I was in Russia," J. J. Melniker, president of the New York Furniture Exchange, is reported to have said when he received the following telegram from the Federal commissioner of public buildings.

**THE TELEGRAM**—"Decision has been reached that the United States will acquire title to the New York Furniture Exchange. . . . The United States will resort to condemnation proceedings if necessary. Please advise best figure for which you will offer said property to United States for cash in order to avoid acquisition by condemnation." The building was to be taken for Voice of America.

**WHAT NEXT?**—Is it inconceivable that some settled section declared to be a defense area will not be visited by telegrams to home owners ordering them to sell "voluntarily" or undergo condemnation proceedings so that their homes can be turned over to newly arrived or conscripted defense workers? It could be that some bureaucrats are already in a frame of mind in which they deem themselves to be commissars, and are only waiting for complete abandonment of constitutional rights.

**HERBERT HOOVER**—Recently he said, "At the time our ancestors were proclaiming that the Creator has endowed all mankind with rights of freedom as a child of God, with a free will, there was being proclaimed by

Karl Marx a satanic philosophy of agnosticism and that the rights of man came from the state. The greatness of America comes from one philosophy, the despair of Europe from the other."

**CONVENTIONS**—The big convention season of 1951 is about over. Almost without exception convention managers and program directors included at least one speaker who spent his time adjuring business men to awake to the need for protecting their individual liberties. Without any exception all of these speakers were acclaimed vociferously. The audiences were moved, and fired with determination to go back home and make their government a personal business.

**THE QUESTION**—How many of them did anything about it?

**THE ANSWER**—Unfortunately, the answer probably is that less than one tenth of one per cent did anything at all. Best intentions, but once away from the magic of the speakers it proves too easy to succumb to the lure of pleasure. In the meantime socialism marches on.

**TOP QUESTION**—It still is "How many housing starts in 1951?" The prognosticators still stick to their original estimates. They vary from 400,000 to 900,000. Most of them stay with the HHFA figure, 800,000 to 850,000.

**STRAWS**—Small builders who normally construct from 12 to 20 houses a year report inquiries stronger than last year at this time. They are figuring from 20 to 40 per cent more plans.

**YOUNG COUPLES**—Demand seems on the increase among young couples. Although prices are up, and the prospects know it, they are unwilling to sacrifice size or quality. Most of them want the builder to omit many things the young husband believes he can finish or add later.

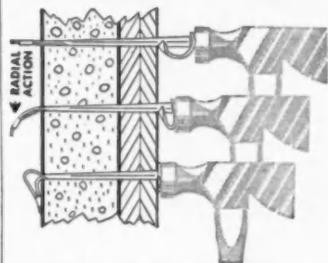
**THE BUILDERS**—Most of these small custom builders report no great concern over the restrictions issued at the end of February. Plywood is the big exception, and there is a grave doubt about builders' hardware in the closing months of the year.

**USED HOUSES**—One of the reasons for the increased interest in new houses is reported to be the inflated prices of used houses. In some communities used houses cost more than building comparable new ones.

Yes sir  
the  
**EXCELLENT  
REPUTATION**  
of the

**LOC-NAIL**

is recognized by discriminating Architects, Manufacturers and Builders who specify, recommend and use it with confidence.



This amazing fastener is the ONLY DEPENDABLE AUTOMATIC RADIAL ACTION CLINCHER

Drives like an ordinary nail and its head always collapses in the right position.

1/4" of fine point and shank clinch tight every time irrespective of slight variation in thickness or at stud back of sheathing.

**NO MATERIAL DISPLACEMENT  
NO RATTLING**

Save money. Apply asbestos cement siding or red cedar shingles directly on 1/2" or 25/32" non-wood wall sheathing.

**LOC-NAILS AVAILABLE  
THROUGH:**

Johns-Manville Sales Corp.  
The Homasote Company  
Your Building Material Supplier.

**SPECIFIED & RECOMMENDED BY  
THE CELOTEX CORPORATION  
THE FLINTKOTE COMPANY  
PABCO PRODUCTS INC. AND MANY OTHERS**

Approved by the Red Cedar Shingle Bureau

The LOC-NAIL is a product of

**E. G. BUILDING FASTENERS CORP.**

E. Gisondi, President

101 PARK AVE. NEW YORK 17, N. Y.

# Servel's lower upkeep



## BROOKCHESTER

NEW MILFORD, N. J.

JOSEPH J. BRUNETTI-BUILDER

LEONARD G. FEINEN-ARCHT.



**ABOVE** is the Brookchester development at New Milford, N. J., where 2000 Servels are being installed. Another 2000 Servels are being installed in the modern garden apartments at Richfield Village, Clifton, N. J.



**LEFT:** New Servel Gas Refrigerator in a typical kitchen of a 3-room apartment at Richfield Village and Brookchester.

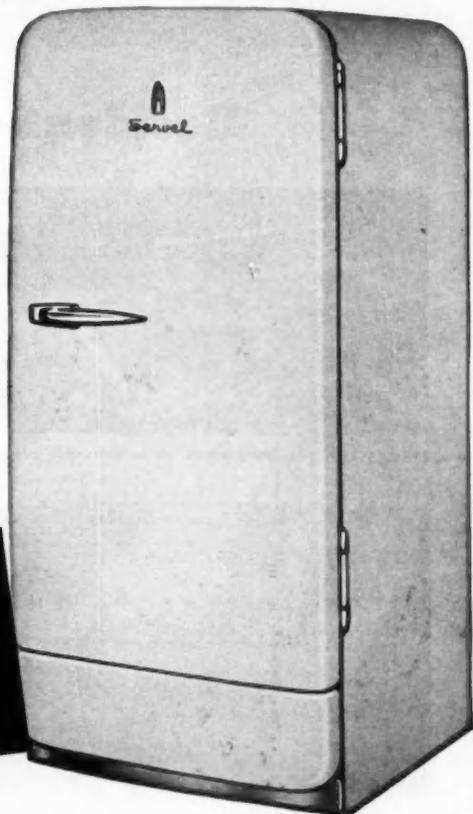
# cost important reason for 4000 unit order

## NEW JERSEY'S TWO LARGEST, MODERN PROJECTS TO USE SERVELS EXCLUSIVELY

When builder Joseph J. Brunetti ordered 2000 Servels for each of his new Brookchester and Richfield Village developments, it was the largest single refrigerator order ever placed in New Jersey.

Servel was chosen for many reasons. Its year-in, year-out dependability . . . handsome design . . . famous silence—and particularly because of its remarkably low maintenance cost. This rock-bottom cost of upkeep has been proved time and time again in multiple-housing projects all over the country. It is the result of Servel's *basically different* principle of operation . . . its motorless freezing system. Just a tiny gas flame does all the work. There are no moving parts to wear, grow noisy, require replacement. That's why *only Servel stays silent, lasts longer . . .* provides year after year of matchless efficiency and worry-free service.

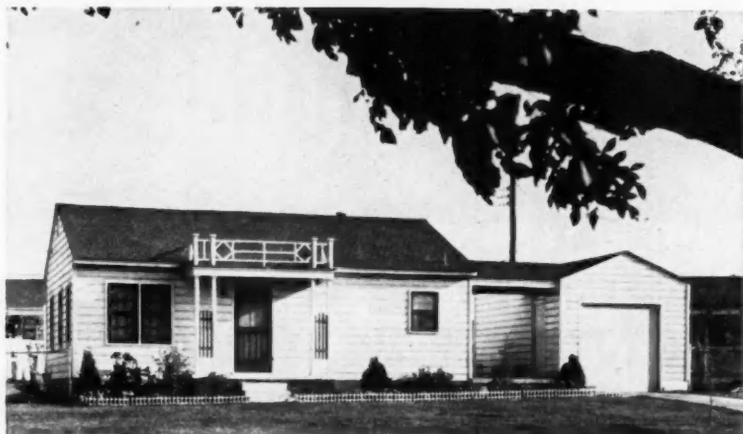
For full details consult Sweet's catalogue or write to Servel, Inc., Dept. E-13, Evansville 20, Ind.



**Servel**  
The GAS Refrigerator

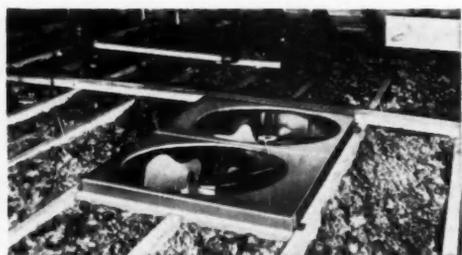


# TECHNICAL GUIDE for Builders and Craftsmen



**TYPICAL HOUSE** of a 200 home project in Oklahoma City, Okla. A ceiling fan installation is provided in each house.

## Residential Ventilation



**TYPICAL FAN** installation where air is discharged into attic.



**FAN SHUTTERS** installed in a one-story house. Chain operated.

**V**ENTILATION today performs an essential and accepted function in the modern residence whether house or apartment. It adds to the comfort of living by providing proper rest and relaxation. Night air cooling by attic and window fans, and basement ventilation are some of the methods proved successful and discussed in detail in this article.

Night air cooling consists of drawing into the home large quantities of cool night air and exhausting the hot daytime air accumulated inside. This air movement tends to balance the inside temperature with that of the outside. Night cooling began with the use of properly designed attic fans. These fans drew air from other rooms in the house and exhausted it from the attic. Attic systems are popular—especially in new construction.

### Attic Ventilation

Wide differences in the type of houses in northern and southern climates must be noted in considering attic installations. In houses with finished or sealed attics, the fan may discharge through an existing window or an opening provided for this purpose. Such openings may be either in an end wall or in a dormer in the sloping portion of the roof. In either case the air is discharged directly to the outside with the attic acting as the plenum chamber. The fan should be protected from the weather by either louvres or a rain hood.

In houses with flat roofs, a penthouse or cupola connected directly to the finished ceiling opening by an air shaft should be provided.

In southern climates the majority of houses have unfinished attic spaces. The fan is then located near the ceiling

*(Continued on page 50)*

# NEVER Ventilate a Ceiling or Wall Space to the Inside...

*If you do, the better the insulation, the worse will be the condensation; for the colder the air in the space between insulation and roof, or walls, the less vapor can it support.*

In new construction, thousands of tons of cement and plaster are evaporating. Vapor flows from areas of greater density into this small, cold space, an area of less vapor density and small capacity.

Multiple sheets of accordion aluminum, because impervious to vapor, force out through exterior walls and roofs, ordinary amounts of fortuitous vapor formed from rain leaks, etc. With unusual amounts of vapor, as from crowds, in theatres, schools, stores, etc. provision should also be made to vent this vapor to the *outside*.

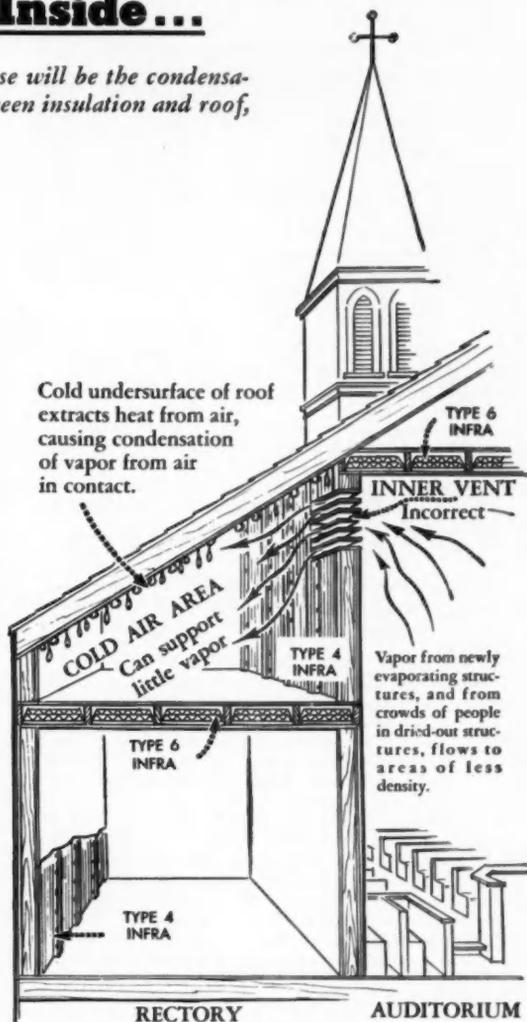
In the illustration, an actual case, it was recommended that the inner vents above the insulation be eliminated. More details about this frequent error and other data on vapor flow and condensation sent on request.

Three-sheet accordion aluminum, permanently separated by fiber partitions, is commercially available as Type 6 Infra, and costs less than 9¢ sq. ft., material with labor, installed between wood joists in new construction.

Get valuable FREE copy of new, revised "Simplified Physics of Vapor and Thermal Insulation," authoritative, simply written 44-page manual. Covers heat and vapor flow, condensation, radiant heating, radiation, convection and conduction. Tells how to test insulations yourself and experiment with heat flow. Contains chart of *k*, *C*, *R*, and *U* factors of all insulations, of all thicknesses, weights, densities.

**THERMAL FACTORS, TYPE 6 INFRA**  
 Down-Heat C.044, R22.72 equals 7½" DRY Rockwool  
 Up-Heat C.080, R12.50 equals 4" DRY Rockwool  
 Wall-Heat C.073, R13.69 equals 4½" DRY Rockwool  
**VAPOR PERMEABILITY equals ZERO**

**INFRA INSULATION, INC.**  
 10 Murray Street New York, N. Y.  
 Telephone: COrtlandt 7-3833



INFRA INSULATION, INC.  
 10 Murray Street, New York, N.Y. Dept. B-4  
 Please send "Simplified Physics of Vapor and Thermal Insulation."  
 Name \_\_\_\_\_  
 Firm \_\_\_\_\_  
 Address \_\_\_\_\_  
 Send Prices of Infra Insulations  Send Sample



## TECHNICAL GUIDE for Builders and Craftsmen

### Residential Ventilation

(Continued from page 48)



opening and discharges into the attic space and on to the outside through properly located and sized openings.

These two types of houses cover generally the problems met in attic fan installations in the south and north. However, there are times when the fan must be located in a basement or an adjoining garage wall.

#### Location of Ventilating Unit

Fans which exhaust directly to the outside should be located so that they discharge with—and not against the prevailing wind.

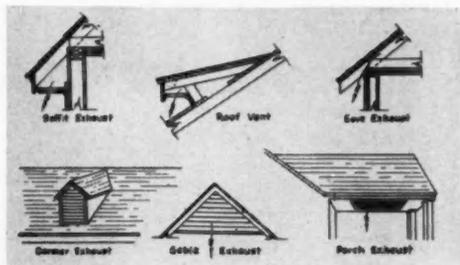
Fans which exhaust into the attic from a space below should be located over a central hallway, distant as possible from all the rooms to be cooled. Where no hallway is available, the same principle should be applied in locating a fan over a room below. The fan discharge should be kept as far as possible from adjacent walls, chimneys, etc.

#### Characteristics of Fan Unit

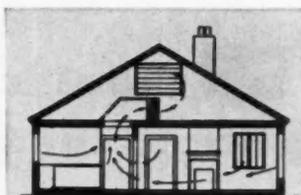
The fan should have quiet-operating characteristics. It should be either belt-driven or direct-connected. It should be mounted in a substantial frame and equipped with a resilient-mounted motor or other form of shock-absorbing construction.

Some resistance to air flow will always be present in attic ventilating systems. The resistance against which a fan must operate is determined largely by the size of its air intakes and the exhaust openings installed. The minimum opening sizes required may be obtained from the Propeller Fan Manufacturers' Association guide. If smaller openings are used, the resistance to air flow increases and the volume of air handled is reduced accordingly. No exact figure can be set up for the number of air changes required. The rate of air change depends not only on the locality and climate but also on the individual preference of the user. All discharge openings should be covered with 1/2 inch hardware cloth to keep out birds and rodents. Insect screening is not recommended since it requires constant cleaning and increases the resistance to the system. Larger openings are

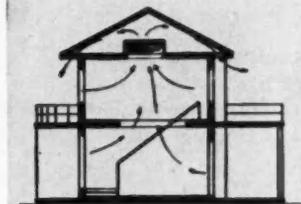
(Continued on page 52)



GROUP of typical discharge openings on exterior of house.



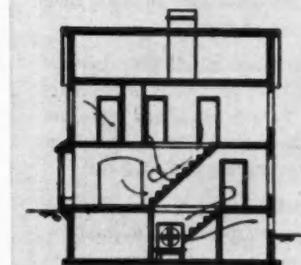
**SUCTION BOX** necessary when attics are not sealed. This is an airtight unit placed over the ceiling grille.



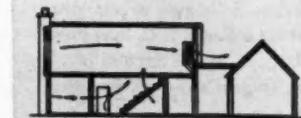
**VERTICAL DISCHARGE:** All belted units can operate in a horizontal position. This solves problems in homes having limited attic clearances.



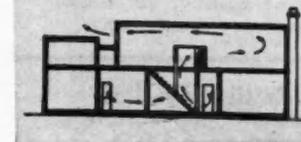
**ATTIC WALL:** Where main portion of attic space is finished, unit may be mounted in partition wall, discharging into unfinished attic.



**BASEMENT:** When basement windows are large enough to provide ample exhaust, this location is sometimes preferred.



**GABLE INSTALLATION:** When the attic is finished, making it airtight, the fan is often installed behind a manual shutter in gable.

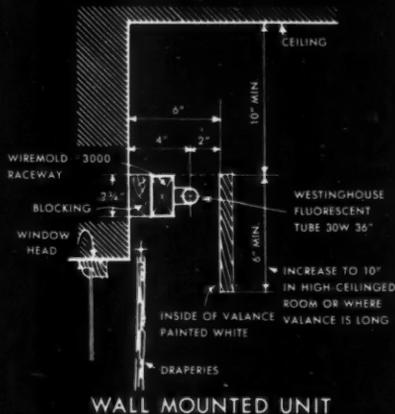


**ATTIC STAIRWAY:** Fan is connected with an enclosed portion of the stairwell. No ceiling grille is required.

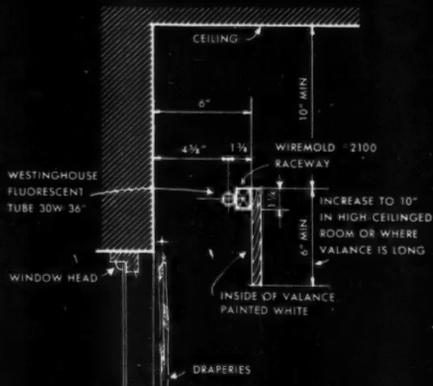
# DESIGN DETAILS

## PLATE 2

### VALANCE LIGHTING



WALL MOUNTED UNIT



VALANCE MOUNTED UNIT

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



This 24-page book fills a real need for construction details on valance, cornice, cove, soffit, pinhole, under-cabinet and other unusual lighting effects. Kitchen and laundry plans, with complete dimensions, are also shown. Send for your Free copy.



## Built-In Lighting Adds A Distinctive Sales Feature

Living rooms... dining rooms, bedrooms and dens, for that matter... offer builders a challenge. How can you give them an air of distinction... something new... something different... features that will help sell your houses?

Let's look at lighting... built-in lighting... valance lighting, for example. Here is a way to decorate walls with light... to add charm and distinction to rooms. Cove, cornice, recessed ceiling and pinhole spot-lighting are other innovations.

All through the house you'll find opportunities to put lighting to work... as a sales feature... as a worthy addition to the quality of your houses.

To help with your planning of lighting and other Electrical Living features, we've assembled practical, tested ideas... what to do, and how to do it... in our booklet... "Design Details for Electrical Living Homes." A copy is ready for you.

G-10134

Better Homes Bureau  
Dept. AB 4  
Westinghouse Electric Corp.  
P. O. Box 868, Pittsburgh 30, Pa.

Please send me a FREE copy of your book—"Design Details for Electrical Living Homes"—B-4671.

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

# SCHLAGE<sup>®</sup> LOCKS



For over 25 years  
in all types of homes,  
outstanding commercial buildings  
and even in the world's greatest  
ocean liners, Schlage Locks'  
durability and economy  
have been proved.

## SCHLAGE<sup>®</sup>

SCHLAGE LOCK COMPANY

2201 Bayshore Blvd. Empire State Bldg.  
San Francisco New York

## Residential Ventilation

(Continued from page 50)

desirable since the air velocity will be lower, resulting in a maximum quietness and air flow. Unless structural difficulties interfere, there should always be a number of discharge openings rather than one. If a number of openings are employed at different points of the compass, a head wind from any single direction has little effect on the fan performance. Vents in the ceiling of a porch whose roof forms a part of the attic space are particularly valuable since they discharge the air downward and are relatively free from the back pressure due to winds.

### Fan Types—Installation

Fans which discharge horizontally are usually installed: (1) In an outside wall if the attic is finished and tight. (2) On the attic floor with a plenum chamber if the attic is unfinished. (3) In a penthouse or cupola if the building has a flat roof with no attic space.

When a fan is installed in a plenum chamber, prefabricated plenum chambers will usually meet the requirements of the installation. They are normally the product of careful design and engineering on the part of a responsible manufacturer. Plenum chambers should be constructed of sound-deadening materials supported on a wood skeleton frame.

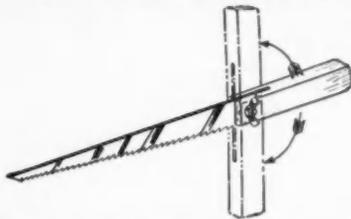
It is best to locate the fan one wheel diameter from the intake grille so that it is invisible from below and also to minimize the fan noise. If sound deadening material is provided between the fan casing and the plenum chamber, a canvas throat is needed. The top of the plenum chamber may be horizontal or may slope down from the fan. However, the cross section should not be reduced so that it causes resistance to air flow.

When an automatic shutter is installed over the ceiling opening, the vanes should turn toward the fan—in the same direction as the air flow. The fan case should be mounted either on rubber pads, springs, or on a sound isolating pad. The plenum chamber should be as airtight as possible to obtain the full benefit of the fan capacity.

Fans which discharge vertically are either installed on the attic floor or in penthouses or cupolas on buildings with flat roofs and no attic space. No plenum chamber is required since the fan is mounted directly over the ceiling opening. A sound isolating medium should be placed between the fan and supporting frame. An automatic shutter, a manually operated shutter, flap, trapdoor, etc., is generally employed to close the ceiling openings when the fan is not operating.

Data and illustrations furnished by the Propeller Fan Manufacturers' Association, Detroit, Michigan.

### How to Make a Handle for Hole Saw



An old, broken, saw handle can be easily and quickly converted for use with a keyhole saw blade as indicated in sketch. One end of handle is slotted to receive blade. Drill hole through slotted end and blade for bolt which is held in place by a wing nut. By loosening the wing nut, wood handle can be moved in upward, downward or straight position, and then held in the desired position by securing nut tightly.

—P. H. Merman, LaCrosse, Kas.

AMERICAN BUILDER



"100" series—smart and compact for small home installations in kitchens, basements or utility rooms. Wet base construction.

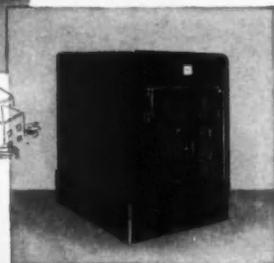
A  
COMPLETE LINE OF  
CAST IRON NATIONAL  
HEAT EXTRACTORS  
FOR  
COAL—OIL—GAS



"200" series—sturdy, dependable heating plant for medium to larger size homes or commercial buildings with equivalent heating needs.



"300" series—superbly efficient plant for homes, apartments and commercial buildings where heating needs are beyond those of average size.

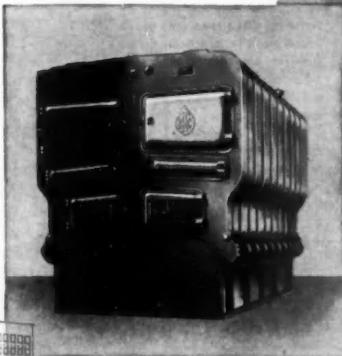
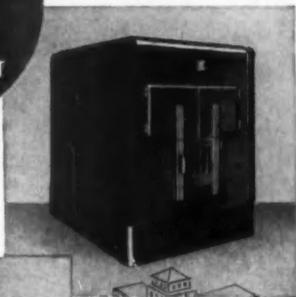


This well-known  
**NATIONAL** family  
of profit-producers  
is available  
for 1951 business

EASILY CONVERTED  
TO AUTOMATIC FIRING  
IF INSTALLED  
AS A  
HAND FIRED UNIT

Whatever the size of the job or the requirements, there is a Cast Iron National Heat Extractor (steam or hot water) ready to fill the bill with utmost satisfaction. Over nine years of engineering research and development have provided these valued features—economical performance, long efficient life, compactness, smart appearance, easy convertibility to any fuel—which make National Heat Extractors so readily saleable and so highly acceptable to customers. Sizes range in Net I-B-R Ratings from 170 to 10,300 sq. ft. of steam and from 270 to 16,480 sq. ft. of water for hand or automatic firing. For year 'round domestic hot water, National Heat Extractors can be equipped with a tankless or storage type heater. Write for literature on National Heat Extractors, National Aero Convectors, National Art Radiators or other products of the *Complete* line of National Heating products.

"400" series—for large buildings and institutions. Big in performance, small in streamlined proportion—provides economy and efficiency in big boiler operation.



**NATIONAL AERO CONVECTORS**

Constructed of enduring cast iron, they tuck away beneath windows or in convenient recesses and blanket room with a perfect balance of convected and radiant heat. Cast Iron National Art Radiators for free standing or semi-recessed installation are also famous for effective heat distribution.



"500" series—high capacity for the largest heating jobs—schools, hospitals, apartments and hotels. "Twin Sections" for easy installation without major structural alterations.



**THE NATIONAL RADIATOR COMPANY**

JOHNSTOWN, PENNSYLVANIA



# BIG MILL Production!



Our national emergency calls for dependable production . . . Big mill operation! That's why your dealer will find Crossett a reliable source for pine and hardwood structural material. Since 1899, Crossett has been delivering quality wood products to the building trades of America. And because of its sound forestry practices, forest reserves have been systematically increased so that a perpetual supply of big mill quality products is assured. Couple this working forest reserve with big mill production — and your answer is Crossett for quality lumber through your favorite dealer!

- ◆ Wolmanized® Treated and Creosoted Lumber and Timber
- ◆ Arkansas Soft Pine Satin-like Interior Trim
- ◆ Nail-Holding Dimension
- ◆ Royal Oak Flooring
- ◆ Center and End Matched Sheathing
- ◆ Hardwood Trim and Lumber

\*Reg. U. S. Pat. Off.

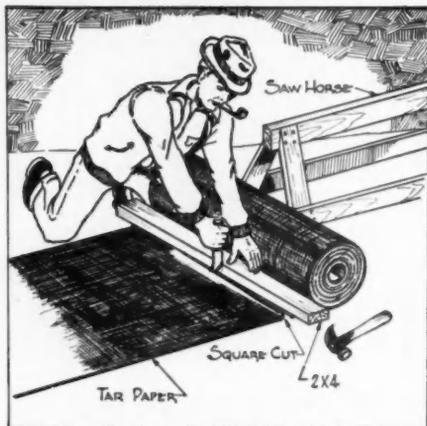


On What Shall Your Favorite Dealer Quote?

**CROSSETT LUMBER COMPANY**  
CROSSETT, ARKANSAS

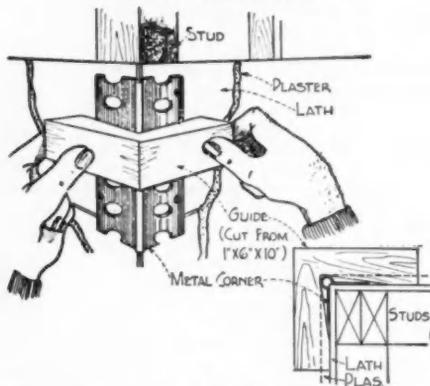
## TECHNICAL GUIDE for Builders and Craftsmen

### How to Make Square Cuts Without Measuring



After tar paper, roll roofing, linoleum or paper are partially unrolled, a perfect cut can be made with little effort. Place the roll against a sawhorse or stepladder, and then take a straight 2x4 and hold it firmly against the roll as shown in the drawing. Take a sharp knife and cut along the edge of the 2x4. The cut will always be square.—Herbert E. Fey, New Braunfels, Texas.

### How to Use Guide for Setting Corner Beads



This time-saving guide for setting metal corner beads at the intersection of plaster walls can be quickly made from a scrap 1x6x10 or 12 inch piece. A portion of the inside face of scrap piece is angled to receive bead as indicated in drawing. The ends of the inside face remain parallel with the outside face and are placed against the lath. In this manner the metal corner bead is held in proper position to receive the plaster. The guide is moved up and down on the bead for the height of the wall for nailing.—Karl E. Carlson, Narrowsburg, N. Y.

# Balanced

to take the drudgery out of ALL DAY SAWING . . .

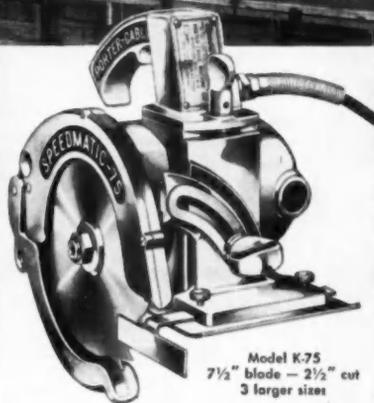


Escape "4 o'clock droop" . . . use the saw that lets you do heavy sawing hour after hour . . . without tiring strain!

SPEEDMATIC is "balanced when you lift it." Grip is directly over the center of gravity . . . only one hand needed to hold the saw in a balanced, natural cutting position.

SPEEDMATIC is "balanced while you run it." There's no powerful torque reaction or jerk to the side when you press the trigger . . . none of the twisting forces that strain your wrist or forearm when starting to cut. While cutting, the SPEEDMATIC always rests on the main piece . . . at the finish of cut-offs it doesn't suddenly nose dive, forcing you to lift it hundreds of times a day.

All in all, SPEEDMATIC'S Balance means more and faster sawing per hour . . . less fatigue at the end of a big day's work. See for yourself—use a SPEEDMATIC on your next job.



Model K-75  
7 1/2" blade — 2 1/2" cut  
3 larger sizes

## Now . . . CARBIDE TIPPED Saw-Blades

For Formica, Masonite, Plywood, Asbestos-Cement board, Concrete-form Lumber, etc.

Stay Sharp 10 to 100 times longer. Savings in sharpening cost alone pay for this type of blade over and over. Outstanding speed and quality of cut on work ordinary blade can't handle. Sizes 6 1/4", 7 1/2", 8". Fit Speedmatic and Guild Saws; also other portables and saw-tables with 3/8" arbor.

Write for full information about Speedmatic Saws and practical accessories that speed-up construction work.



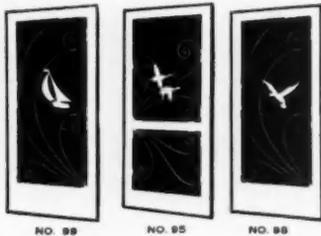
# Speedmatic

## PORTER-CABLE Machine Co.

7004 N. Salina St., Syracuse 8, N. Y.

In Canada write: Strongridge, Ltd., St. Catharines, Ont.

Manufacturers of Speedmatic and Guild Electric Tools  
The Balanced Line



## Increased Value with Increased Beauty



NO. 6

### HAND WROUGHT QUALITY

A screen door grille achieves the appearance and feel of quality only through hand-working and welding of fine iron. Quality makes the difference in sales.



NO. 7

### LOW COST

Your cost is kept low because of production line methods of manufacture and because we depend on volume sales at moderate prices. These prices range from \$3.00 to \$65.00.



NO. 21

### STOCK SIZES FIT ALL DOORS

Grilles are available in stock sizes for single panel, two panel, and combination storm doors. All are finished in gleaming white enamel, in original and graceful designs.

Get Coffman Grilles, porch posts and stock railings from your Building Supply Dealers. They are easy to buy, easy to install. Write for illustrated folder and price list.

**R. G. Coffman Co., Inc.**  
P. O. Box 1113

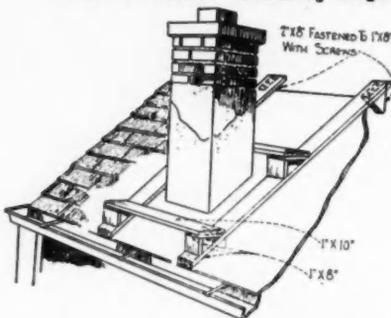
ORLANDO

FLORIDA



## TECHNICAL GUIDE for Builders and Craftsmen

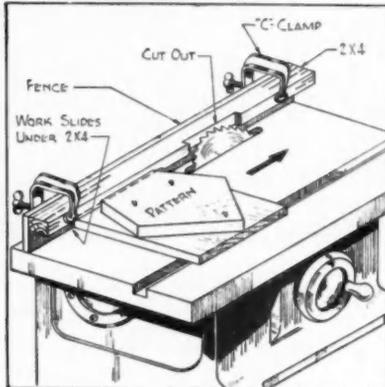
### How to Make Chimney Repairs With Safety



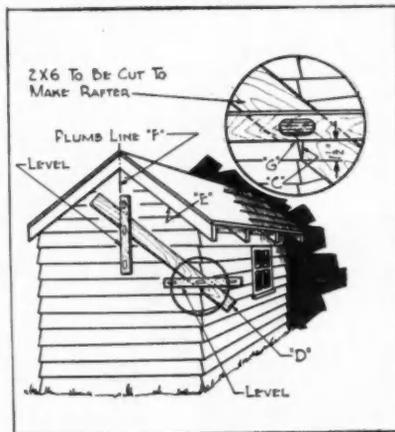
When chimney repairs are necessary, the scaffold for doing the work may be easily made from ordinary lumber which is not too heavy in weight or too hard to work. With the device shown in the sketch, access to all four sides of chimney is possible.—Arthur N. Nelson, Kansas City, Mo.

### How to Duplicate Patterns Quickly

Time is saved by cutting patterns with straight sides on table saw. A 2x4 is cut out as shown and clamped to fence so work will slide under. The fence is then adjusted so saw blade is flush with outer edge of 2x4. In use the pattern is simply tacked to the work and the latter run across the saw. The work must not extend more than a few inches all around the pattern so as not to interfere with fence.—Herbert E. Fey, New Braunfels, Texas.



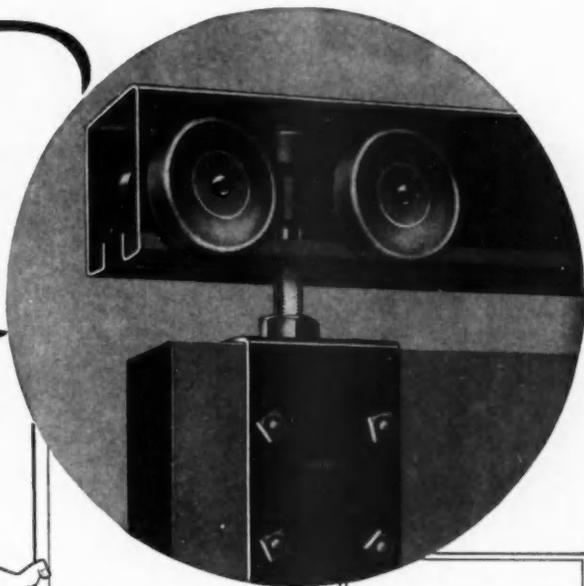
### How to Determine Rafter Cuts by Sighting



For the novice who is not familiar with the standard method of determining the pitch of roof rafters and how to cut them, the sight method shown in sketch will suffice.

Tack rafter marked D on end of building to be roofed. Set it to the pitch that is preferred. If the rafter is to conform to the pitch of some other building put D parallel to E. Plumb down on a center line. Draw line flush with siding. Level a line G about 1½ inch up.—M. J. Highland, Lansing, Ill.

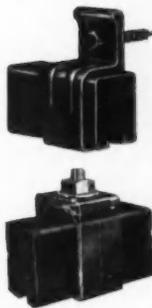
Doors just  
**COAST**  
into place



**X2641** Track for doors up to 350 lbs. Hangers to match.

**Y2641** Track for doors up to 700 lbs. Hangers to match.

**W2641** Track for doors up to 1000 lbs. Hangers to match.



*With Stanley rolling or sliding*  
**DOOR HARDWARE**

Doors coast quickly, quietly—at the touch of a hand—when equipped with Stanley Rolling or Sliding Door Hardware. Stanley Track is straight as a die—hangers are carried inside—fully protected from weather and dirt. Stanley Hangers have ball bearing swivels and roller bearing wheels. Two way adjusting nuts assure exact hanging. "Hold-Fast" Track Brackets keep tracks rigid—in perfect alignment at each suspension point.

*For all doors up to 1000 lbs.*

Easy to install, Stanley Track and Hangers are used extensively on all types of garages,

barns, industrial and commercial buildings. Every possible combination of track bracket for double and triple door sets can be furnished. Any length of track needed can be assembled, curved pieces supplied in 90° turns, others to order. For carefree doors . . . lasting client satisfaction, install Stanley Rolling or Sliding Door Hardware.

THE STANLEY WORKS • NEW BRITAIN, CONNECTICUT

**STANLEY**

Reg. U.S. Pat. Off.

**HARDWARE • TOOLS • ELECTRIC TOOLS • STEEL STRAPPING • STEEL**

APRIL 1951

57

# "ELECTRIC RANGES keep customers sold,"

says builder

**BOB WELLER**

of Battle Creek, Mich.



• This is the kitchen of the home built by Weller Brothers for Mrs. Lloyd Gastian. Like so many other homemakers, she prefers an Electric Range, because it's so convenient and dependable.

• During the past year, the Weller Brothers have built 20 custom-built houses, and nearly as many more on a speculative basis. The one shown at left includes, with its other electrical conveniences, an automatic *Electric Range*.

• "Whenever possible, our homes include Electric Ranges along with other electrical equipment, under a package mortgage plan," says Mr. Weller. "We find sales much easier that way, and the customer is satisfied not only when he moves in, but remains that way for years."

Electric range cooking is a real selling feature, because it's clean, cool, economical and fully automatic.

Are you giving *your* home buyers what they want—automatic *Electric Ranges*?

**ELECTRIC RANGE SECTION, National Electrical Manufacturers Association**  
155 East 44th Street, New York 17, N. Y.

ADMIRAL • COOLERATOR • CROSLY • DEEPFREEZE • FRIGIDAIRE • GENERAL ELECTRIC • GIBSON  
HOTPOINT • KELVINATOR • LEDO • MONARCH • NORGE • PHILCO • UNIVERSAL • WESTINGHOUSE

*EQUIP  
YOUR HOUSES WITH*

**ELECTRIC  
RANGES**



**AMERICAN BUILDER**

## EDITORS' Round Table

**PREFABRICATION** gained in 1950. The Prefabricated Home Manufacturers Institute reports that the industry, association members and all others, shipped 55,000 homes as against 35,000 in 1949.

**INSTITUTE** members shipped 35,000 of the 55,000 total in 1950. That's an increase of 130 per cent over 1949.

**TWO FIRMS** alone accounted for nearly 18,000 of the 55,000 total for the past year. These are Gunnison Homes, Inc., with nearly 8,000 houses, and National Homes Corp. with an announced shipment of 9,857.

**TWELVE COMPANIES** shipped over 500 units, and six of these shipped more than 1,000.

**THE TWO LEADING** prefabricators in point of volume exceeded the total of the nation's leading site builder.

**STARTS** for all kinds of housing were estimated at 1,400,000 for 1950. If these represent finishes also, then prefabrication accounted for about four per cent of the total for the year. It is interesting to note that while total starts in 1950 exceeded total starts for 1949 by 36 per cent, shipments of prefabricated units chalked a gain of 60 per cent.

**LEGISLATIVE COMMITTEE** of Chicago Metropolitan Home Builders has recommended to the Board of Directors that a license law for home builders in Illinois be introduced into the General Assembly.

**LAW WOULD PROVIDE** that individuals and organizations in business on June 30, 1951 be granted licenses on submission of certain proof of integrity and experience without examination.

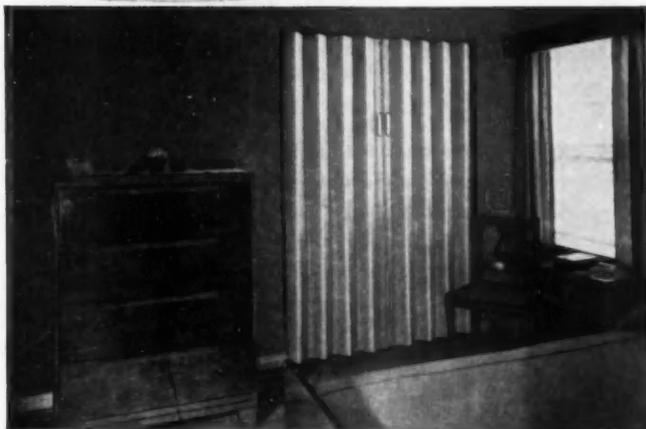
**BILL ALSO REQUIRES** each licensee to conduct business only under name on license, to keep certain records, and to give each customer or purchaser, on written request, a copy of any written agreement together with plans and specifications.

**HOUSES WITH BASEMENTS**, particularly in the east and middle west, traditionally have been provided with outside entrances. Since the war, many if not most designs eliminate such an entrance.

**ORDINARILY** such an entrance is a door placed in an opening in the  
(Continued on page 61)

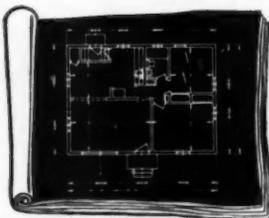
APRIL 1951

**FARRAR and FARRAR**  
General Contractors, Webster Groves, Mo.



*Found Something Different  
To Spark Their Sales!*

## "MODERNFOLD" DOORS



*Look at the photo and floor plan. Think how much smaller these rooms would have been with old-fashioned swinging doors. It's sound selling logic to specify "Modernfold" doors—just as builders have done since 1936.*

*Morganford Gardens Project of forty \$12,890.00 homes is located in St. Louis, Mo. Farrar and Farrar, builders; Frank McGuire of Maplewood, Mo., architect; and J. Ben Miller Realty Company, Sales Agent and Finances.*

Of course, the saving of valuable floor and wall space was the main factor in Farrar and Farrar's choice of "Modernfold" accordion-type doors for their Morganford Gardens project. However, they soon found other reasons to influence their decision to use these vinyl-covered, steel-framed doors in their next project and in individual homes.

E. A. Farrar says "Modernfold" doors were a powerful factor in selling these homes. Women buyers especially were attracted to this "something different." They were thrilled by the ease of operation . . . the gorgeous color which blended perfectly with the decorative scheme.

"And," says Mr. Farrar, "'Modernfold' doors, with all their sales appeal, cost us no more than conventional doors with frame and trim." No wonder this alert building outfit recommends "Modernfold" doors wholeheartedly—plans to use them in a new project of 103 houses.

For full details on "Modernfold" doors, mail coupon.

Sold and Serviced Nationally



COPYRIGHTED NEW CASTLE PRODUCTS 1951

New Castle Products  
P. O. Box 839  
New Castle, Indiana

Gentlemen:

Please send me full details on "Modernfold" doors.

Name.....

Address.....

City.....County.....State.....

*we didn't want  
just another*

A brief, timely message to the Builders of America from the president of the Ludman Corporation

**Auto-Lok**  
PATENTED

*weatherstripped*

**WOOD OR ALUMINUM**

AWNING WINDOWS

Now, Ludman Corporation offers you patented Auto-Lok operation in an incomparable wood window. Produced from the finest, most carefully selected and treated wood available. Restrictions need not deprive your job of Auto-Lok performance. Auto-Lok Awning Windows in Wood are *now* ready to serve the builders of America at a time when window problems are most acute.

**WOOD or ALUMINUM, ONLY AUTO-LOK GIVES YOU ALL THESE ADVANTAGES:**

- "That Plus Factor" that makes for satisfied customers.
- Keeps out April Showers, lets air in!
- Patented "Delayed Action Opening" permits fully controlled ventilation.
- Cleaning the outside from the inside.
- Eliminates uncomfortable "cold spots" around windows.
- Sealed protection against all climatic extremes.
- Interchangeable inside screens and storm sash.
- Proven dependability of Auto-Lok's patented adjustment-free, precision-balanced hardware.

**LUDMAN CORPORATION**

P. O. Box 4541 Miami, Florida

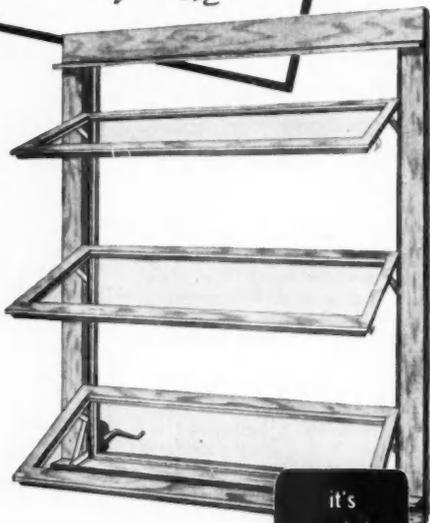
# WOOD WINDOW!

For several years our designers and engineers have been experimenting and testing in an endeavor to produce a wood window that would have all the features of Auto-Lok Aluminum Awning Windows, and yet retain those advantages that are natural to wood. *We didn't want just another wood window!*

And now it can be told! Everything we hoped for is an actuality. I am happy to announce that Auto-Lok windows in Wood retain every single Auto-Lok feature... even the vinyl plastic weatherstripping.

We are proud to present this window as being worthy of the Auto-Lok name... the name that has made America awning window conscious.

*Max Hoffman*



it's  
sealed  
like a  
refrigerator

Consult SWEET's and write for free folder, "What Is Important in a Window?" Address of nearest distributor will also be furnished: Just write to Dept. AB-4

**THE TIGHTEST CLOSING WINDOW EVER MADE**

## EDITORS' Round Table

(Continued from page 59)

foundation wall. The door is reached from the outside by concrete steps cast as a part of a concrete well. As a protection against snow and driving rain the well is enclosed with a sloping one- or two-door hatchway—wood or steel.

**SINCE THE WAR**, many small homes with full or partial basements have not been equipped with outside access to the basement. And many of them have the inside stairway to the basement located at or near the center of the house. That means tracking through some part of the house to get from the outside to the basement.

**REASONS** generally advanced for eliminating outside access to the basement are economy and appearance.

**FOR THE SAKE** of argument *American Builder* will take the stand that as to appearance a neatly constructed and well located outside hatchway does not detract from the appearance of the outside of the house. This is particularly true with the use of a recently introduced line of steel hatchways currently being produced by at least one manufacturer. They are attractive, quickly installed, and can add to rather than detract from appearance of the house.

**THE QUESTION** of cost is at least a debatable one. In the first place, there is a little concrete saved by leaving an opening for the door in the foundation wall. It is possible that this may be offset by the need for forming the door opening. Either way, the element is small.

**THERE CERTAINLY** is added cost in framing and pouring the well and the stairway, and both the door in the wall, and the hatchway represent added cost factors. The total cost of these items might be \$100.

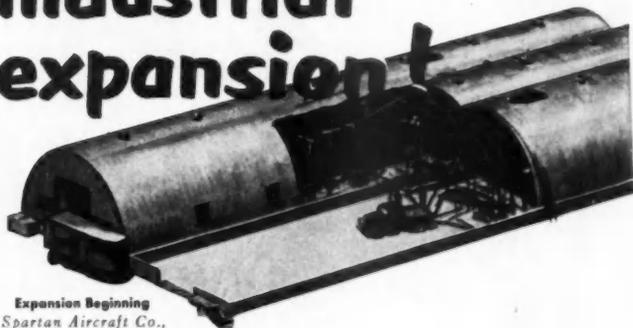
**ONE BUILDER** who has gone back to providing outside access to the basement in all of his houses believes that other factors reduce or possibly negate these added cost factors. Currently, he is working on a study to determine just what the difference is either way.

**HE BELIEVES** that with the well and stairway from the outside to the basement he saves many hours of labor, since, without the outside access, workmen, during construction, have to spend a lot of time climbing up and down a ladder inside the house.

(Continued on page 63)

## THE ANSWER TO THE NATION'S NEED . . .

# for fast industrial expansion!



Expansion Beginning  
Spartan Aircraft Co.,  
Tulsa, Okla., begins with  
15,200 square feet of  
floor area. Note com-  
pleted building below.

# Build Quicker with QUONSETS

IDEAL FOR FACTORIES, WAREHOUSES, MACHINE SHOPS OR STORAGE BUILDINGS

For additions to your present plant—or for new plants—Quonsets mean *fast* completion, economy of materials, adaptability to any use. Also, when plants need expansion, you can add Quonset to Quonset, according to the need.

Made of N-A-X HIGH-TENSILE steel, Quonsets provide non-combustible construction and permanence far surpassing less modern buildings. They require little upkeep—are easily maintained. Let Quonsets serve you.

**GREAT LAKES STEEL CORPORATION**  
Stran-Steel Division, Ecorse, Detroit 29, Michigan



#### Expansion Completed

Additional Quonsets, with extensions and connecting arches, provide Spartan Aircraft Co. with a total of 35,600 sq. ft. of floor area.



**NATIONAL STEEL CORPORATION**



Stran-Steel and Quonset Reg. U.S. Pat. Off.

# Built to last a Lifetime!

## BERMICO<sup>®</sup>

### SEWER PIPE

8-FT.  
LENGTHS

WEIGHS  
 $\frac{2}{3}$  LESS

ROOT-PROOF  
JOINTS

BERMICO  
SEWER PIPE

Are you looking for sewer pipe that will give a lifetime of trouble-free service? Bermico is the answer.

Bermico is root-proof and corrosion-proof. It's unaffected by extreme cold or intense heat. Its joints will *stay* tight even if the ground settles unevenly underneath. And it delivers a smooth, dependable, high-capacity water flow.

Handling Bermico makes the job easier and less costly. It weighs far less than any other type of pipe and its convenient 8-foot lengths store more safely with far less breakage. Easily laid, too. A few hammer blows and joints are tight. No joining compound is needed.

Each length of Bermico must measure up to strict and unvarying engineering standards. That's why millions of feet of Bermico are now giving efficient service in house-to-sewer connections, septic tank disposal and drainage systems.

Get the full story on Bermico.  
Write today to Dept. AB-4.

BERMICO SEWER PIPE

A PRODUCT OF



BROWN Company

Berlin, NEW HAMPSHIRE

GENERAL SALES OFFICES: 500 FIFTH AVENUE, NEW YORK 18, N. Y.

Branch Sales Offices: Portland, Me.; Boston, Chicago, St. Louis, San Francisco, Montreal

SOLKA & CELLATE PULPS • SOLKA-FLOC • NIBROC PAPERS • NIBROC TOWELS • NIBROC ROWTOWLS • BERMICO SEWER PIPE, CONDUIT & CORES • ONCO INSOLES • CHEMICALS

## EDITORS' Round Table

(Continued from page 61)

**SINCE POURING** the basement floor is one of the last operations, everything that has to be carried into the basement—heating plant, piping and fittings, electrical conduit and wiring, oil storage tanks where oil is used for heating, plastering material where basement ceiling is to be plastered, must be carried through some part of the ground floor then lowered at considerable time and expense through the opening in the floor that later will be provided with inside stairs to the basement.

**ADDED TO THIS** is the fact that workmen have to make countless trips up and down the temporary ladder to the basement.

**SAYS THE BUILDER,** "I am sure that when I get all of this time and labor loss, not to mention the hazard to the workmen, totaled up, I'll find that the outside well and stairway actually save me money in construction.

**WELL,** we don't know the answer, but we await the study with a good deal of interest. If the builder is right, eliminating the outside access to the basement on a basis of economy will be discredited.

**THE CONVENIENCE** factor for the owner is hardly debatable. Basement furniture, garden tools and many other items can be deposited in or removed from the basement much easier by working from the outside than the inside, especially where the inside basement stairs are near the middle of the house.

**ANOTHER BUILDER** pointed out a fire hazard with only an inside stairway to the basement. With basements today used for much of the recreational and hobby shop activities of the family, and with basements frequently containing inflammable material or decorations, a basement quickly could be a fatal fire trap for members of the family or their guests.

**OPS** late in February was reported to be in a dilemma about a markup order for building materials. Questions were whether to use percentage of dollars and cents markups; allow a markup on increases in costs; what base period to use; whether to use transportation costs in base for markup; what to do about vendors selling for less than fair-trade prices set by manufacturers.



"YEAH?"

"You bet! I'm putting Master No-Draft Sash Balances like this in every window. They give the windows smooth metal tracks to run on, and their counter-balancing springs make windows easy to raise and lower. Think what a selling point this gives me, Joe: windows that always work right . . . windows with no ropes to break, no pulleys to rust. But that isn't all! These Master No-Draft Sash Balances weatherstrip the windows, too. That means they keep out dust, dirt, wind and water . . . and cold, besides. What's more, they cost less to install, because they don't need pulleys, cords, weights or box-frames. And MAN . . . you ought to see how easy they are to put in!"

**MASTER NO-DRAFT SASH BALANCES ARE PRECISION-MADE** of the finest, highly-tempered non-corrosive metal. They can't rust. Springs are correctly-tensioned to give perfect balance of the upper and lower sash . . . and easy, fingertip operation. These sash balances are made in a factory that's recognized by the industry as outstanding for its efficiency and the craftsmanship of its workers.

**SMOOTH OPERATION IS ASSURED** by Master No-Draft Sash Balances, because they automatically adjust for shrinkage and expansion in the wood. Runways are completely metal-covered and require no painting. (Of course, cross-members should be installed). Double contact prevents rattle when windows are open.

**USED BY THE U.S. GOVERNMENT AND PROMINENT BUILDERS** all over the country, Master No-Draft Sash Balances are tested to mechanical perfection. They make windows neat and weathertight—and there's nothing to cause trouble. You can forget maintenance!

See Our Catalog in Sweet's  $\frac{1}{2}$ "a

**NOTE:**  
The Master No-Draft Sash Balance is the original patented combination sash balance and weather strip—and still the best!

**MASTER METAL STRIP SERVICE, INC.**  
1720 N. Kilbourn Avenue, Chicago 26, Illinois

Please send me, without obligation, complete information about Master No-Draft Sash Balances.

Name \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Zone \_\_\_\_\_ State \_\_\_\_\_



LICHTY—  
OF "GRIN AND BEAR IT"

*"Sure, Joe; it's a defense Speed-up!  
Washington found out*

**EVERYTHING HINGES ON HAGER!\***

C. Hager & Sons Hinge Mfg. Co. • St. Louis, Mo.  
Founded 1849—Every Hager Hinge Swings on 100 Years of Experience



\*®

AMERICAN BUILDER



**WINS IN THE STRETCH!** The long reach possible with the Bostitch H4 Self-Feeding Hammer is vividly illustrated here.



**APPLYING SHINGLES** speedily is easy, reports maker of factory-built homes. No wasted effort, no wasted time, no wasted labor with the Bostitch H4.



**LAYING ROOFING** while wearing gloves, points out reality corporation, effects further savings during winter. The Bostitch H4 saved 3 hours, 40 minutes per house for this firm.



**INSTALLING INSULATION** quickly, without strain, pleases workers who use the improved, new Bostitch H2B. No continued hammering, less worker fatigue.



**ATTACHING TEMPORARY COVERINGS** is one of many jobs quickly accomplished with the Bostitch H2B Self-Feeding Stapling Hammer.

## HOW TO CUT BUILDING COSTS

*Save Time, Save Labor*

# Use BOSTITCH Self-feeding HAMMERS

**ONE-HAND OPERATION** . . . other hand free to place and hold material.

**ONE-BLOW PERFORMANCE** . . . no continued hammering, each blow drives a staple home.

**ARM-LENGTH REACH** permits greater coverage from one position, saves time, cuts down staging.

**SAFE — SANITARY.** No mashed fingers, no infected mouths.

**H4 "4 TIMES AS FAST** as hammer and nails," report users of the heavy-duty Bostitch H4 Stapling Hammer. Dependable, too — shingles fastened with the Bostitch H4 have survived hurricanes.

Roofing contractors, builders, makers of pre-fab houses and others in the building field agree that these hammers achieve tremendous savings. Among the many uses of the H4 are: applying metal lath to studding — applying corrugated paper to studding for installation of blown-type rock wool — applying felt covering for built-up tar and gravel roofs — laying shingles on side walls or roofs.

The H4 drives  $\frac{3}{8}$ " staples made from 1/16" wire — equivalent to two  $\frac{3}{4}$ " nails of 1/16" wire.

**H2B "CUTS COSTS** way down," says user of the new medium-duty Bostitch H2B Stapling Hammer. Adopted as standard by many insulation manufacturers, contractors, builders, the H2B cuts costs in many operations. Replaces hammers and tacks. Used for laying roofing paper — installing insulation pads and metallic insulation — applying coarse screen — and many other applications.

Drives  $\frac{1}{4}$ " and  $\frac{3}{8}$ " staples. Model H2B $\frac{1}{2}$  drives  $\frac{1}{2}$ " staples. Both H2B models contain more than twenty improvements in design and construction to provide continuous, trouble-free operation. Plated for rust resistance.

Gummed staples for H4 and H2B are available when extra holding power is required.

**SEND TODAY** for complete information on how to cut your building costs with Bostitch. Mail reply card below for further details, free demonstration. No obligation.

# BOSTITCH

*AND FASTER*  
fastens it better with wire

ALL TYPES OF MACHINES  
FOR APPLYING STAPLES

ALL TYPES OF STAPLES  
APPLIED BY MACHINES

Trade Mark BOSTITCH Registered  
U. S. Patent Office and Foreign Countries

**BOSTITCH**, 558 Mechanic St., Westerly, Rhode Island

Please send me literature and prices on:

- H4 Heavy-Duty Stapling Hammer  
 H2B Medium-Duty Stapling Hammer  
 T5 Automatic Tackers  
 Also arrange a demonstration as soon as possible.

NAME \_\_\_\_\_ TITLE \_\_\_\_\_

FIRM \_\_\_\_\_

STREET \_\_\_\_\_

CITY \_\_\_\_\_ ZONE \_\_\_\_\_ STATE \_\_\_\_\_

# One Hand BOSTITCH T5 Tacker

## Drives Staples Within 1/16" of Inside Corners

### Saves Time, Saves Money



**STAPLING METAL LATH** in big housing project is speedily accomplished by the Bostitch T5 Tacker. Staples are self-fed. No fumbling for tacks, nails.

A great cost-cutting aid! Bostitch T5 Tacker replaces tacking and light nailing in many types of building operations. Just press the lever and drive the staple . . . *exactly where you want it . . .* tight places, inside corners, along edges.

The spring-driven T5 Tacker drives staples from 1/4" up to 9/16" long. Gummed staples, like cement coated nails, are available for extra holding power.

Users report up to 50% saving when using the T5 for such jobs as applying metal lath, cornerite, insulation, ceiling panels, screens. Comes in three models to take ten staple sizes of various sized wires and leg lengths.

Why not investigate the Bostitch T5 Automatic Tacker *now*? Fill in the reply card and mail today for complete information.



**REINFORCING CORNER** of wooden frame is fast and accurate with the Bostitch T5 Tacker. Drives staple right where worker wants it.



**INSTALLING FABRIC WINDOW PANES** is easy for the T5 Tacker. No other Tacker can place staples closer into the rabbet.



**INSTALLING CEILING TILE** in half the time of old-style methods is another achievement of the Bostitch T5 Tacker. One-hand operation — no finger marks — no marred edges.



**ATTACHING SCREEN TO FRAMES** is another T5 Tacker building application that saves time, saves money. Faster, neater, more secure.

Postage  
Will be Paid  
by  
Addressee

No  
Postage Stamp  
Necessary  
If Mailed in the  
United States

### BUSINESS REPLY CARD

First Class Permit No. 34, Sec. 34.9 P. L. & R., Westerly, R. I.

**BOSTITCH**

**558 Mechanic Street**

**Westerly, Rhode Island**



# BOSTITCH

AND FASTER  
fastens it better with wire

ALL TYPES OF MACHINES  
FOR APPLYING STAPLES

ALL TYPES OF STAPLES  
APPLIED BY MACHINES

Trade Mark BOSTITCH Registered  
U. S. Patent Office and Foreign Countries

# Double-Duty

# INSULITE

✓ Builds  
✓ Insulates

## SAVE LABOR, TIME AND MATERIALS



### INSULITE Interior Finishes

Insulite decorative products for interior walls and ceilings are made from the regular structural insulating boards. Thus one material combines insulating value with attractive pre-finished decoration. That's double-duty in one application! Both Lusterlite Tileboard and Duro-lite Plank have an excellent T&G joint for easy, fast and secure concealed fastening with nails or staples.

**DUROLITE 1/2" PLANK AND INTERIOR BOARD**—a textured surface board predecorated with an exceptionally serviceable finish. It has amazing resistance to scuffing and abrasion. It's easy to clean—easy to repaint. Colors—scientifically selected for popular appeal: ivory, pale green and variegated woodtone.

**Decorative Plank**—Thickness: 1/4". Widths: 8", 10", 12" and 16". Lengths: 8", 10" and 12". Concealed fastening joint on long edges.

**Interior Board**—Thickness: 1/4". Size: 4' x 6', 7', 8', 9', 10' and 12". Square edges.

**DUROLITE 3/4" PLANK**—the same product as 1/2" Duro-lite but 3/4" thick. Designed especially for application directly to wall framing spaced 16" o.c. Special concealed fastening joint. Vertical beading to simulate alternate 6" and 10" plank widths when applied. Colors: ivory, pale green and light woodtone. Size: 16' x 8'.

**LUSTERLITE 1/2" TILEBOARD AND INTERIOR BOARD**—has a smooth surface, predecorated to offer high light reflection when used on either walls or ceilings. The finish is durable, is readily cleaned and may be repainted. Colors: white and light ivory.

**Decorative Tileboard**—Thickness: 1/4". Sizes: 12" x 12", 16" x 16", and 16" x 32". Concealed fastening joint four sides.

**Interior Board**—Thickness: 1/4". Sizes: 4' x 6', 7', 8', 9', 10' and 12". Square edges.

**WEVELITE 1/2" INTERIOR BOARD**—is factory painted. The ivory-white textured surface offers a general purpose type of finish backed by years of popular acceptance. Easy to repaint. Thickness: 1/4". Sizes: 4' x 6', 7', 8', 9', 10' and 12". Square edges.

**SMOOTHLITE 1/2" INTERIOR BOARD**—coated on one side with a smooth, light cream utility finish. No additional decoration is required but Smoothlite may be painted if desired. Thicknesses: 1/2" and nominal 5/8" wallboard. Sizes: 4' x 6', 7', 8', 9', 10' and 12". Square edges.

**FIBERLITE 1/2" AND 3/4" ACOUSTICAL TILEBOARD**—a special product for low cost, efficient acoustical correction. Made entirely from strong wood fibers, the sound controlling porosity of Fiberlite is carefully retained. An oil base paint is sprayed on to avoid sealing the surface pores. And the textured finish resembles travertine stone. Color: white. Thicknesses: 1/2", 3/4". Sizes: 12" x 12", 16" x 16", 16" x 32". Beveled butt edge joint four sides. All bevels are painted.

### INSULITE Hardboard Products

**REGULAR HARDBOARD**—Heavy density board. Golden oak brown color. Thicknesses: 1/4", 3/8". Sizes: 4' x 5', 6', 7', 8', 9', 10', 12". Also 1/4" and 3/8" thicknesses in 4' x 12".

**BLACK TEMPERED HARDBOARD**—Extra heavy density hardboard with an integral black color. Thicknesses: 1/4", 3/8", 1/2", 5/8". Size: 4' x 12".

**TEMPERED HARDBOARD**—Extra heavy density board for service where high resistance to moisture and abrasion is needed. Burl walnut color. Thicknesses: 1/4", 3/8". Size: 4' x 5', 6', 7', 8', 9', 10', 12". Also 1/4" and 3/8" thicknesses in 4' x 12' only.

**LEATHERITE HARDBOARD**—Simulates rich Spanish grain leather with a deep brown color. Thickness: 1/4". Size: 4' x 6', 8', 12".

**DENSULITE**—Medium heavy density board. Golden oak brown color. Thicknesses: 1/4", 3/8". Size: 4' x 8', 10', 12".

**PANELITE**—Extra heavy density board with 4" square-scored tile pattern. Natural burl walnut color. Thickness: 3/8". Size: 4' x 8', 12".

**UNDERLAYMENT**—Medium heavy density; smooth one surface to receive floor finish. Used over existing floors, wood sub-floors or Graylite Wallboard in new construction where it is covered with linoleum, asphalt tile or carpeting. Thickness: 3/8". Size: 3' x 4' and 4' x 4'.

### INSULITE Insulating Wool

Made of Fiberglass\*

Insulite Insulating Wool is feather-light and extremely resilient. It stays put, doesn't disintegrate and will not burn or rot—no loss of original high insulating efficiency.

Batt and roll blankets are manufactured of Fiberglass pre-formed insulation. The inch, medium and thick insulation is enclosed in a paper envelop; one side is asphalt coated for high vapor resistance, the other side is perforated vapor-permeable paper. The papers form a nailing flange at the edge on both long sides. The economy roll blanket has an open back with vapor barrier and nailing flange on one side only.

#### ROLL BLANKETS

Thickness	Width	Length	Pcs. per Pkg.	Sq. Ft. per pkg.
Inch	15"	80"	1	100
(Nom. 1")	19"	47' 9"	1	75
	23"	47'	1	90
Economy	15"	72"	1	90
(Nom. 1 1/4")	19"	47' 5"	1	75
	23"	47'	1	90
Medium	15"	60"	1	75
(Nom. 2")	19"	47' 5"	1	75
	23"	52' 1"	1	100
Thick	15"	40"	1	50
(Nom. 3")	19"	31' 7"	1	50
	23"	39' 1"	1	75

#### BATT BLANKETS

Medium	15"	24"	24	60
(Nom. 2")	15"	48"	12	60
	23"	36"	18	103.5
Thick	15"	24"	16	40
(Nom. 3")	15"	48"	8	40
	23"	36"	12	69

**UTILITY BATTS** manufactured of Fiberglass pre-formed insulation. No paper covering either side. 4" nom. thickness, 15" x 10 1/4". Package of 27 pieces covers 30 sq. ft.

**POURING WOOL** is Fiberglass pre-formed insulation nodulated to small pellets for pouring or hand packing. Packaged in bags of approximately 39 lbs. Each covers approx. 20 sq. ft. at 4" thickness.

\*T. M. Reg. U. S. Pat. off. Made by Owens-Corning Fiberglass Corp. Insulite, Graylite, Lok-Joint Lath and Bildrite are registered trade marks. (Insulite) signifies that Minnesota and Ontario Paper Company is the source of the product.

# 120 Reasons why RUBEROID dealers are better served

One of the Ruberoid factory sales representatives shown on this map is located close to you. He's ready to supply you with all the information, service and sales aids you need to help you build business and profits with Ruberoid Asphalt and Asbestos Roofing and Siding products.

Your Ruberoid salesman can help you boost business with such sales leaders as Ruberoid TITE-ONS, the *original* interlocking, wind-defying shingles . . . Ruberoid STONEWALL Board, one of the most universal building materials ever made, Asbestos-Cement Siding and a hundred other Ruberoid products.

Besides product leadership, Ruberoid offers you the support of a powerful advertising campaign in such magazines as Time, Good Housekeeping, Better Homes and Gardens, Country Gentlemen, Successful Farming, Farm Journal, Cappers', etc. . . and, in addition, Ruberoid is first in the roofing and asbestos siding fields with the Good Housekeeping Seal of Approval, for extra sales support.

Your Ruberoid salesman can offer you prompt, efficient service from one of Ruberoid's eleven modern plants strategically located. For a bigger and better roofing and siding year, call your Ruberoid salesman now!

MORE YEARS  
FOR YOUR DOLLAR WITH  
**RUBEROID**  
BUILDING MATERIALS

The **RUBEROID** Co.

500 Fifth Ave., New York 18, N. Y.

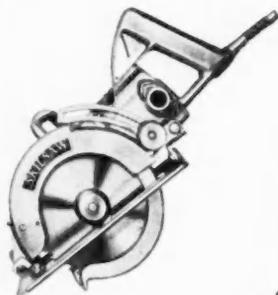


AMERICAN BUILDER



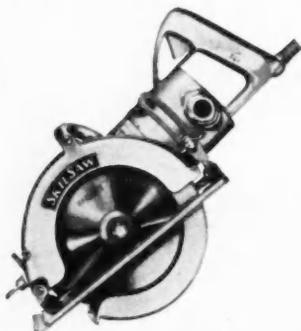
# 39 SKILSAWS

Parklarea Housing Project consists of 18 tower buildings—a total of 4,253 apartments—and 7 2-level garages with a total storage capacity for 1,682 automobiles.



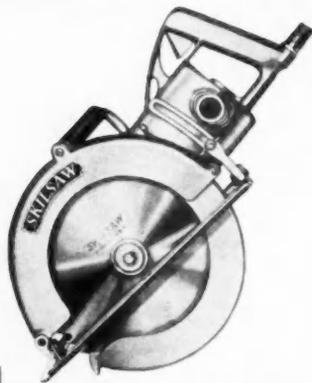
**SKIL Saw—Model 77**

7¼" blade. Base adjustments: 0° to 2¾" vertical depth of cut. 0° to 45° bevel adjustment. 1¼" depth of cut at 45°. Handles scientifically placed for either one hand or two hand operation in any position. Overall length: 17¼"; weight: 15¼ lbs.



**SKIL Saw—Model 825**

8¼" blade. Base adjustments: 0° to 2¾" vertical depth cut. 0° to 45° bevel adjustment. 2¼" depth of cut at 45°. Withstands hard use in gang cutting. Overall length: 18"; weight: 17¼ lbs.



**SKIL Saw—Model 127**

12" blade. Base adjustments: 2¾" to 4¾" vertical depth of cut. 0° to 45° bevel adjustment. 3¼" depth of cut at 45°. Most powerful and fastest cutting electric hand saw ever made. Overall length: 22"; weight: 34 lbs.

# Cut 4,000,000 board feet of lumber 2,760,000 square feet of plywood

for forms and shoring at Parklabrea, Los Angeles,  
world's largest architectural **CONCRETE** project!

More than 63 acres of plywood! More than 776 miles of lumber! With this amount of lumber to cut, you just don't risk any substitute for SKIL Saw precision and dependability.

Here 39 SKIL Saws were used; cutting deck forms, sheathing, shore posts, beams, headers, strong-backs, strips—hundreds of varied jobs requiring trouble-free performance, sure handling, portability, and power to keep the job moving ahead on schedule.

Few projects can compare in size to this 40 million dollar housing project—but large or small, you'll find SKIL Saws will save hours of time and work. There's a SKIL Saw to fit your job—10 models—each one perfectly balanced for easy handling, power-packed for accurate, fast performance on an almost unlimited variety of building materials. Call your nearby SKIL Distributor today for an on-the-job SKIL Saw demonstration.



**SKIL Saws are job-proved** for construction work, provide high-torque performance on an almost unlimited variety of building materials. With suitable blades, SKIL Saws cut or score wood, metal, stone, concrete and composition materials. Your SKIL Distributor will make recommendations for the right saw with the right blades for every job.

## **SKIL**

PORTABLE TOOLS

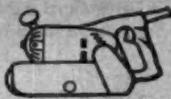
**SKIL Products are made  
exclusively by SKILSAW, Inc.**  
5033 Elston Avenue, Chicago 30, Ill.

*Branches in principal cities*

*In Canada: Skiltools, Ltd., 66 Portland Street, Toronto, Ont.*



SKIL Drill



SKIL Bolt Sander



SKIL Driver



SKIL Disc Sander

# Everything but the in Joe Lenny's

Yet he was able to offer his houses—each equipped with  
General Electric Kitchen-Laundry—for only \$9500



**Builder J. P. Lenny** of Runnemede, N. J. had a strong conviction about *selling* houses.

He felt that it was most important to identify his "Cinderella" houses with **QUALITY**.

And, he felt that the best and surest way to identify his houses with *quality* was to install kitchen and laundry equipment that housewives know is the *finest* obtainable.

So he contracted to equip every one of his

"Cinderella" homes with a General Electric Kitchen-Laundry, and was still able to offer it for only \$9500 under "Packaged Mortgage" terms.

**Result:** He sold out the entire first section of 55 homes one week end!

*In the pictures on these pages you see Mr. Lenny talking with Mrs. Marie Breen of 156 Patricia Lane, who purchased one of his "Cinderella" houses last year. Her enthusiastic comments are typical of those of her neighbors.*

**Home Bureau, General Electric Company, Bridgeport 2, Connecticut.**



**Mrs. Breen says:** "We're so delighted with all our wonderful G-E appliances, and our friends are envious!

"I'm constantly amazed how many hours these G-E

appliances save me, and it's still hard for me to believe that they cost so little under the terms of our mortgage . . . less than five dollars a month extra!"

# glass slipper "Cinderella" home!



"It's wonderful to stack dirty dishes in my G-E Dishwasher after guests have left late at night—and go right to bed!" says Mrs. Breen. "In the morning they're sparkling-clean, ready for service again!"



"My G-E Clothes Washer saves me so much time, too. My rayon blouses and slips come out damp-dry . . . and I iron them immediately. I have two children and my G-E Clothes Washer is in service every day of the week!"



"How do I like my G-E Range? It's the finest range I ever owned. The temperature is so very even . . . and I never have a lopsided cake any more! Now my gravies, puddings and other baked foods come out just right. This G-E Range heats up so fast, too!"



"I'm sure happy there's a General Electric Kitchen-Laundry in my home! So many of my friends who have become home owners recently, tell me they wish their new house had included all of this fine General Electric equipment."

You can put your confidence in—

GENERAL  ELECTRIC

# Your Market for G-E TEXTOLITE\* Plastics Surfacing is Wide Open



**Sell it for...Kitchen work surfaces • Sink tops • Bar surfaces • Restaurant booths • Dinette tables • Cocktail tables • Desk tops • Utility tables**

**Sales Appeal!** Your customers won't be hard to convince when you show them G-E Textolite is as pretty as it is practical. There's some real sales ammunition in these features.

**1. Beautiful and Easy on the Eyes.** A variety of patterns and solid colors to harmonize with any decorative scheme. Special finish reduces glare, is restful to eyes.

**2. Easy to Clean and Maintain.** The fresh sparkle of G-E Textolite requires no maintenance. No sanding, polishing or refinishing needed. Smooth, lustrous surfacing wipes clean easily with a damp cloth.

**3. Scratch-Resistant.** Only the roughest treatment will scar surface. Resists scratching better than low-carbon steel.

**4. Heat-Resistant.** Not easily charred, blistered, or discolored by heat. Special cigarette-proof grade is also available.

**5. Stain-Proof.** Foods, acids, household chemicals and strong discolorants will not stain a Textolite surface.

**Profits To You . . .** Your clients know General Electric. They have faith in its products.

General Electric makes Textolite — a quality plastic surfacing material — a beauty with brawn. It's tops for tops wherever you need it. Available in a wide variety of solid colors and patterns to carry out every decorative scheme.

G-E Textolite is distributed through a nationwide Roddiscraft warehouse organization.

Here you have the perfect combination — a quality product that your clients know and accept, available for prompt delivery wherever you are.

## **NOW AVAILABLE AT RODDISCRAFT WAREHOUSES, TEXTOLITE BONDED TO PLYWOOD**

Now you can help your customers skip one difficult fabrication step by selling them G-E Textolite bonded-to-plywood panels. Increase your sales to hobbyists and do-it-yourself home owners. G-E Textolite bonded-to-plywood panels in stock sizes, patterns and colors are available on short notice from your nearest Roddiscraft warehouse — ready for quick and easy installation.

G-E Textolite bonded-to-plywood panels are processed for Roddiscraft by leading fabricators in each warehouse community solely for the convenience of dealers. All workmanship is of highest quality. Call or write your Roddiscraft warehouse today for more information about these profit items.

**STOCK SIZES:** 17/8" thick 24 x 96—30 x 96—36 x 96—48 x 96  
Other sizes available on special order

\*Textolite Plastics surfacing is made by General Electric Company and distributed by Roddiscraft. 1/16" thick sheets available in stock sizes, patterns and colors for immediate delivery. Warehouses in principal cities.

Your nearest Roddiscraft warehouse will show you samples of G-E Textolite. A descriptive folder illustrating the many attractive patterns and solid colors is yours for the asking.

\*Reg. U. S. Pat. Office.



G-E Textolite has been awarded the 1951 Fashion Academy Award for beauty in color, design and modern decorative styling.

**Roddiscraft**  
RODDIS PLYWOOD CORPORATION  
MARSHFIELD, WISCONSIN

## **NATIONWIDE Roddiscraft WAREHOUSE SERVICE**

Cambridge 39, Mass. . . . . 229 Vossor St.	Marshfield, Wis. . . . . 115 S. Palmetto St.
Charlotte 6, N. C. . . . . 173 E. 27th St.	Milwaukee 8, Wis. . . . . 4601 W. State St.
Chicago 32, Ill. . . . . 3865 W. 41st St.	New York 35, N. Y. . . . . 920 E. 149th St.
Cincinnati 2, Ohio . . . . . 457 E. Sixth St.	Port Newark 5, N. J. . . . . 103 Marsh St.
Detroit 14, Mich. . . . . 11855 E. Jefferson St.	Philadelphia 34, Pa. . . . . Richmond & Tioga Sts.
Kansas City 3, Kan. . . . . 35 Southwest Blvd.	St. Louis 16, Mo. . . . . 3344 Morganford Road
Los Angeles 58, Calif. . . . . 2620 E. Vernon Ave.	San Francisco 24, Cal. . . . . 345 Williams Ave.
Louisville 10, Ky. . . . . 1201-S S. 15th St.	New Hyde Park, L. I., N. Y. . . . . Plaza Ave. & S. 18th St.



3 BED ROOM CONTEMPORARY DESIGN

## BORN IN WINSTON-SALEM —RAISED IN GARY, INDIANA!

The closets pictured in green in the floor plan are Mengel Wall Closets—built in Winston-Salem . . . installed in Gary, Indiana. They were shipped to the job in complete, ready-to-assemble packages and were installed in less than three hours—all six of them!

### WHAT WERE THE ADVANTAGES FOR THE BUILDER\*?

- 1 He saved time, money, labor and materials.
- 2 He eliminated expensive stud-construction closets entirely—greatly reduced the amount of interior wall construction.
- 3 He provided more storage space, without reducing "living space."
- 4 He provided better storage, without increasing costs.
- 5 He provided closets with modern sliding-doors—easier to use . . . requiring no "swinging space" . . . and presenting beautiful flush-wall appearance.

These advantages are basic—for small homes and large ones . . . for all construction, in fact, which requires "clothes closets"!

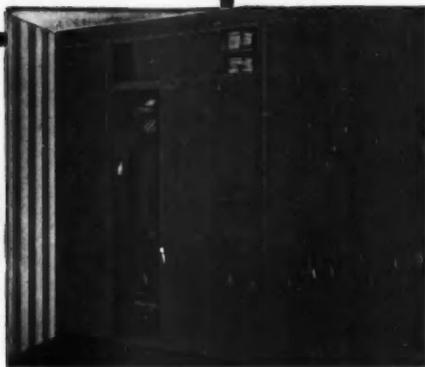
Write, wire or telephone today for the whole Mengel-Wall-Closet story!

\*Paul E. Schleicher, Gary, Indiana.

Cabinet Division—Dept. AB-3  
THE MENGEL COMPANY  
1122 Dumesnil St., Louisville 1, Ky.

Gentlemen: Please send me complete information about Mengel Wall Closets.

Name \_\_\_\_\_  
Firm \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_



MENGEL WOOD WALL CLOSETS ARE COMPLETE CLOSETS, EQUIPPED WITH SHELVES, CLOTHES RODS, DRAWERS, SLIDING DOORS. NOTHING EXTRA TO BUY. COMPLETE UNITS SHIPPED K.D. . . . CAN BE ERECTED IN HALF AN HOUR OR LESS! NATURAL BIRCH OR PRIME-COATED FACES.

SEE OUR CATALOG IN "SWEET'S"—  
ARCHITECTS'— $\frac{5c}{m}$  BUILDERS'— $\frac{2b}{m}$



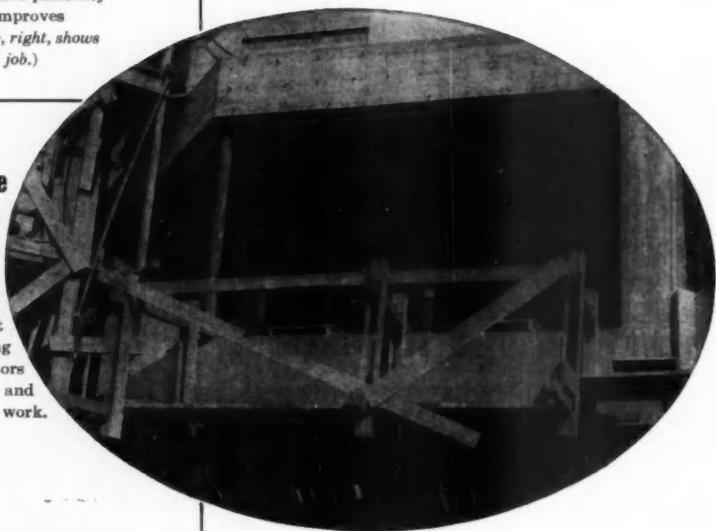


### Better for structural work

Duraplastic portland cement has proved advantageous for all types of structural concrete. Because of its air-entraining feature, Duraplastic requires less mixing water for a given slump. Its increased plasticity aids proper placement and improves surface appearance. (Picture, right, shows typical Duraplastic structural job.)

### Makes more durable concrete

Water gain and segregation are minimized, resulting in durable concrete fortified against the effects of weather exposure. For more than a decade, Duraplastic has made better concrete for countless structural jobs at no extra cost. That is why an increasing number of engineers and contractors rely on its improved performance and extra durability in all types of work.



## YET DURAPLASTIC\* COSTS NO MORE

It sells at the same price as regular cement and requires no unusual changes in procedure. Complies with ASTM and Federal Specifications. For descriptive booklet, write Universal Atlas Cement Company (United States Steel Corporation Subsidiary), 100 Park Avenue, New York 17, N. Y.

OFFICES: Albany, Birmingham, Boston, Chicago, Dayton, Kansas City, Minneapolis, New York, Philadelphia, Pittsburgh, St. Louis, Waco.

\*"Duraplastic" is the registered trade mark of the air-entraining portland cement manufactured by Universal Atlas Cement Company.

ATLAS®

# DURAPLASTIC

AIR-ENTRAINING PORTLAND CEMENT



AB-D-119

Makes Better Concrete at No Extra Cost

"THE THEATRE GUILD ON THE AIR"—Sponsored by U. S. Steel Subsidiaries—Sunday Evenings—NBC Network

fine Oregon  
Douglas fir



*plus*

fine plywood mills



*plus*



fine people



*equals*



**ASSOCIATED**

**PLYWOOD MILLS, INC.**

**GENERAL OFFICES**

**EUGENE, OREGON**

**APMI SALES WAREHOUSES:** 925 Toland St., San Francisco; 4814 Bengal St., Dallas; 4003 Coyle St., Houston; 4268 Utah St., St. Louis; 1026 Joy St., Charlotte, N. C.; Eugene and Willamina, Oregon.

The Douglas fir that grows in Oregon's rain belt is the finest on the face of the earth. That's why we use it.

The mills in which we make our plywood are models of efficiency in the industry.

The people who work with us are skilled, interested, productive—with pride in their jobs.

From these ingredients of materials, machines and men comes APMI plywood; exterior and interior panels that carry double marks of quality—the DFPA grademark and our own trademark.

Your inquiries are welcomed at our general offices, or at APMI sales warehouses.

Completely Installed  
in  
5 minutes!



Complete rainproof  
ventilation control.  
Automatic positive  
locking.  
Pay for themselves  
through fuel savings.  
Sturdy tubular  
construction.



Remember this name

**RUSCO**



HOT-DIPPED GALVANIZED

**PRIME WINDOW**

(VERTICAL SLIDE)

...a simple solution to your window problems!

- ★ FACTORY-PAINTED, COMPLETELY ASSEMBLED  
... READY TO INSTALL
- ★ COMES COMPLETE WITH METAL OR WOOD  
CASING (SURROUND)
- ★ DOUBLE GLASS, SCREEN & WEATHERSTRIPPING  
IN ONE UNIT. (INSULATING SASH OPTIONAL)
- ★ A QUALITY PRODUCT COMPETITIVE WITH  
LOWEST-PRICED UNITS

Cost ... rusting ... corrosion ...  
field labor ... maintenance -  
these are the window problems you  
must constantly seek to solve.  
Thorough investigation will convince  
you that no other window so  
completely answers all of these  
problems and offers so many  
advantages, to you and your  
customers, as the remarkable new  
RUSCO PRIME WINDOW. Call your local  
Rusco Prime Window distributor  
or mail coupon for full information.



Panels easily  
removed from inside

**The F. C. RUSSELL Co.**

CLEVELAND 1, OHIO

Manufacturer of famous Rusco Armo-metal  
Combination Windows, Combination Doors,  
Porch Enclosures, Awnings and Jalousies.



**THE F. C. RUSSELL COMPANY**

Department AB-41, Cleveland 1, Ohio

Gentlemen: Please send me catalog of informative data  
and specifications on Rusco Prime Windows.

Name ..... Title .....

Company .....

Address .....

City ..... Zone ..... State .....



# ...Supplying Forest Products for 56 Years



## Douglas Fir Plywood

The **QUALITY** of Simpson Plywood, manufactured in the center of the Douglas Fir country, is known throughout the major distribution areas. All Simpson Douglas Fir Plywood is trademarked and carries DFPA grademarks.

## Douglas Fir and Hemlock Doors

Simpson Fir Doors, manufactured from mature Douglas Fir, are available in all areas in all FOI grades, all specifications and all designs including the Simpson Flush Door and the increasingly popular Simpson Western Hemlock Door.

## Western Lumber

From our forests and mills all grades and sizes of old-growth green Douglas Fir and Western Hemlock lumber are available especially to the water-borne markets on the Atlantic and Gulf Coasts. Redwood lumber is now available in limited quantities and specifications from our California operations.

## Acoustical Tile

Simpson Acoustical Tile is available through authorized acoustical contractors, and Simpson Mastermaster Acoustical Tile through regular distributors and dealers. These fine acoustical products are preferred because of high sound absorption and Hallowore drilled perforations.

## Insulating Board Products

We conserve timber by converting mill left-overs into Insulating Board Products including Interior Finish Board, Plank and Tile-board, Sheathing and Lath, Roof and Cold Storage Insulation, and Acoustical Tile.

## SIMPSON LOGGING COMPANY

PLANTS at Shelton and McCleary, Washington, and Klamath, California

SALES DIVISION, 1065 Stuart Bldg., Seattle 1, Washington

SALES OFFICES: San Francisco, Los Angeles, New York, Fargo,

Chicago, St. Louis, Strevport



The lathe in one of two Simpson plywood plants.



A "driver" assembling a door in the large Simpson door factory.



Redwoods grow BIG in Simpson's California operations.



Drilling Simpson's exclusive Hallowore perforations in Simpson Acoustical Tile.



A wet blend of wood fibers passes through the board "former" in Simpson's Insulating Board Products factory.



*Economy-minded buyers demand*

**oak**



*the durable, lifetime  
flooring material*

"I hear the word 'economy' more and more these days as I show prospects through my houses. Prospective home owners want economy to begin with and economy to live with.

"That's why I point out the oak flooring in my houses the first chance I get. Prospects recognize oak as a symbol of economy, quality and beauty—it makes my selling job easier.

"Builders and home owners know that oak is the most economical flooring. Its lifetime durability and ease of maintenance spells *economy* to every prospective home owner.

"Of course, I know that 85% of all prospective home owners want oak flooring in their next homes. In fact, I insist that all of my houses have oak flooring." National Oak Flooring Manufacturers' Association, Sterick Building, Memphis 3, Tennessee.

**No other feature  
helps sell a house faster  
than a good oak floor.**

# VIKON METAL TILE

Light in Weight  
Economical  
Durable



ELEMENTS	STEEL	ALUMINUM	STAINLESS STEEL	MASTIC
Raw metal	Cold rolled	3 S Full hard	18-8 alloy	Linseed oil, lead, whiting
Minimum thickness	.0149"	.020"	.0149"	½ lb. to square foot
Metal treatment	Zinc plated Bonderized	Alodined	Polished	Color—White
Tile cavity	.046"	.046"	.046"	Trowelling consistency
Enamel thickness	1-1.3 mills	1-1.3 mills	None	Other types are available
Tile Dimensions and Description	Field/Ceiling 4 ¼ x 4 ¼ 6 x 6	Chair Rail 2 ½ x 8 ½ Border Strip ¾ x 8 ½ Border Block 2 ¼ x 3	Single Curve Chair Rail 2 x 8 ½ Double Curve Chair Rail 1 ¾ x 8 ½	Inside Corner Bead 1 x 12 Outside Corner Bead 1 x 12 Cove Bases 4 ¼ x 4—6 x 5 ½

Write for contract specifications.

**PROCESS** • VIKON tiles are stamped from sheets of zinc plate and chemically treated steel or chemically treated aluminum. The durable synthetic enamel is mechanically applied and then hardened by baking in scientifically controlled ovens.

**INSTALLATION** • VIKON tiles are equally convenient and economical to install in new or remodeling projects—modest in weight (steel 20 oz. to sq. ft., aluminum 14 oz. to sq. ft., including mastic), no extra supports required, little or no moving of fixtures, the original plastered wall can be used. VIKON tiles can be bent for corners, or cut or lapped to fit special needs. When tiles are properly cemented in place, they become as rigid as the wall and will not warp, loosen or bulge.

**ADAPTABLE** • VIKON tiles are adaptable to wall and ceiling installations. The finish will not crack, chip or craze; is highly

resistant to the effect of heat and ordinary household chemicals; is fire-resistant, waterproof, and seal against insects . . . VIKON is tile efficiency at its best, excellent both for new homes and remodeling existing homes and apartments.

**MAINTENANCE** • VIKON tiles are quickly and easily cleaned with VIKON cream wax to restore their original luster and beauty—even after years of service.

VIKON tiles are generally approved by the F.H.A. and may be seen in various governmental and civilian installations (addresses on request).

**27 FADE-RESISTANT DECORATOR'S COLORS** (solids, hammered and mottled effects) allow unlimited selection. VIKON tiles of natural polished plain and embossed stainless steel are also available.

"The Original Individual Metal Tile" Established 1926.  
"See Our Catalogue In Sweet's Files"

STEEL • ALUMINUM • STAINLESS STEEL

## VIKON TILE

BEAUTY • ECONOMY



DURABILITY

### VIKON TILE CORPORATION, Washington, New Jersey 2-M

Please send me, without obligation or cost, a full-color descriptive brochure and samples of Vikon Tiles. I am interested as a  contractor  dealer.

NAME \_\_\_\_\_ (Please Print)

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ HOME PHONE \_\_\_\_\_ STATE \_\_\_\_\_

# CRANE

*the preferred plumbing*



**ALL-AMERICAN COUNTER-TOP SINK.** One-piece construction of porcelain enameled cast iron—in white and eight Crane colors. Two 8-inch deep basins, 17" x 15½". Four-inch high back. Chromium-plated trim includes *Dial-ese* controls, swinging mixing spout, retractable hose spray. Overall size: 38" x 22". Consult your Crane Branch or Crane Wholesaler.

# CRANE

CRANE CO., GENERAL OFFICES:  
836 S. MICHIGAN AVE., CHICAGO 5  
PLUMBING AND HEATING  
VALVES • FITTINGS • PIPE  
AMERICAN BUILDER

# Harbor's Dependable Products — Made Better to Serve Better!

## SUPER-Harbord

THE ORIGINAL EXTERIOR-TYPE DOUGLAS FIR PLYWOOD

FOR YEARS the preferred panel for all outdoor and marine uses, SUPER-Harbord exceeds Commercial Standard specifications in four important respects: 1. Heartwood only is used throughout; 2. Core veneers are precision jointed to produce a "solid" panel face to back; 3. Inner plys are B grade, with defects repaired to restore proper moisture content. The result is a uniform, extra-strong Exterior panel of double dependability—the accepted standard for superior performance.



Precision-jointed cross banding

QUALITY which goes beyond accepted standards has always marked the manufacture of Harbor Plywood products. This extra quality—the result of exacting requirements in material, workmanship and process control—insures performance satisfaction all along the line. Dealer . . . specifier . . . builder . . . user—all rely on Harbor trade-names. For these names mean dependable products, made better to serve better.

## SUPER-Harbord

**PLYCRETE**  
Recognized for more than a decade as the finest fir panel for multiple re-use concrete form work demanding relatively high architectural finish. Superior core gives it stamina to withstand rugged service.



Super-Harbord, the original exterior-type plywood, is better for marine uses

## SUPER-Harbord

**GIANT PANELS**  
Produced in order by jointing standard SUPER-Harbord panels with a 1 to 12 scarf joint. Any length, with a maximum width of 9' unscarfed (8'6" scarfed). Any width, with a maximum length of 9' unscarfed (8'6" scarfed).

## Harwood

WESTERN SOFTWOOD LUMBER

Dependable quality western woods—the nation's familiar building material—are sold under the name of Harwood. Manufactured at Riddle, Oregon, from our adjacent timber, Harwood fir, pine and hemlock lumber reaches the dealer, specifier and user after careful selection for quality and grade.



Harbordite, the original abrasion-resistant, plastic-faced plywood panel

Harwood lumber, tough and strong for dependability



## Harbordite

PLASTIC-FACED PLYWOOD

Durable, rugged SUPER-Harbord Exterior-type panels—with tough, hard, smooth faces of resin-impregnated plastic fiber permanently fused to the plywood core: that's Harbordite. It brings you all the strength and structural values of exterior plywood, plus the appearance value, check-free qualities and extra durability of a superior plastic overlay. Harbordite is a construction, industrial and utility panel for sidings, soffits, cabinet work, signs, toys . . . for siding and lining railroad cars, trucks, trailers, etc.

## Harbordite

PLYCRETE

Specifically produced for high-quality concrete form work, Harbordite plastic-faced PLYCRETE panels produce the ultimate in smooth, bleach-free concrete surfaces—and give multiple re-use for long-life economy. Factory edge-sanded and oiled.

## Harbordite

GIANT PANELS

Giant panels of Harbordite plastic-faced plywood are manufactured in order for special jobs requiring the advantage of an "extra-size" overlay panel. Harbor's 1 to 12 scarf ratio produces a superior joint. Standard overlay weight is 65/66. Additional plastic facing on order.

# Harbor Plywood Corporation

GENERAL OFFICES, HOQUIAM, WASHINGTON  
HARBOR PLYWOOD CORPORATION BRANCHES

Harbord Mercantile  
Port Dock, P. O. Box 300  
Hoquiam, Wash.

Harbord Plywood Corporation  
1161 Ridge Avenue, S. W.  
Atlanta 3, Ga.

Harbord Plywood Corporation  
1444 West Cermak Road  
Chicago 8, Ill.

E. W. Camp Plywood Co., Inc.  
511 Baymiller St.  
Cincinnati, Ohio

Harbord Plywood Corporation  
P. O. Box 2168, 802 N. Rome Ave.  
Tampa, Fla.

Harbord Plywood Corporation  
2355 Dennis St.  
Jacksonville 4, Fla.

Harbord Plywood Corporation  
of Southern California  
233 South Alameda St.  
Los Angeles 12, Calif.

Harbord Plywood Corporation  
of California  
3095 - 3rd St.  
San Francisco, Calif.

E. W. Camp Plywood Co., Inc.  
1001 East New York St.  
Indianapolis 7, Ind.

## Harbord

INTERIOR-TYPE PLYWOOD

A quality moisture-resistant panel in all standard industry appearance grades—for interior real wood paneling, cabinets, sheathing, subflooring, built-ins, indoor furniture, displays and interior industrial applications.

## Harbord

PLYCRETE

The original concrete form panel—preferred for 20 years on concrete form jobs where limited re-use will write off the cost.

# STIMULATES QUICKER SALES



## THIS SIGN GOES UP SOONER ON HOMES SIDEWALLED WITH

# CREO-DIPT

DOUBLE WALL

# *Zephyrs*

Manufactured from genuine red cedar, these durable processed shakes are factory-stained in a wide variety of popular colors.

Economical, easy-to-apply Creo-Dipt Zephyrs provide the perfect answer to the modern demand for shingle-sided homes.

Exclusive Zephyr Double Wall construction —utilizing an underwall of Creo-Dipt Insulation Backing Board— offers the added sales appeal of greater home comfort and important fuel savings.

For quicker sales at higher prices, sidewall your homes with popular Creo-Dipt Double Wall Zephyr Shakes.

Mail the coupon for complete information.

CREO-DIPT CO., INC., DEPT. AB-41  
NORTH TONAWANDA, N. Y.

Please send me complete information on  
Creo-Dipt Double Wall Zephyrs.

NAME \_\_\_\_\_

FIRM \_\_\_\_\_

CITY \_\_\_\_\_

ZONE \_\_\_\_\_

STATE \_\_\_\_\_

AMERICAN BUILDER

# Every Plastic advantage at a moderate cost!



*Vinylite*

PLASTIC FLOOR COVERING

design  
function

■ **Vinylite Colors:** FLOR-EVER features the clean, lucid colors typical of plastics—whiter whites; blacker blacks; luscious reds, greens, blues and yellows, with marbelized mixtures. There are, today, 21 FLOR-EVER colors. A set of samples is freely available to every accredited architect, designer or builder.

■ **Tiles and rolls (plus feature strips):** FLOR-EVER is available by the YARD (in six widths: standard 6-foot, plus 42", 36", 30", 24" and 9") AND in 9" x 9" TILES, AND in 1" feature STRIPS. Thus your designing scope is unlimited. Furthermore, FLOR-EVER is also an ideal sink or counter top and is made in the right widths for such use. You can now design with all major horizontals matching perfectly.

■ **Non-Porous—cuts cleaning care:** FLOR-EVER is NON-POROUS—which means that soil cannot grip into the surface and therefore is removed with far less effort.

■ **Grease-proof, alkali-proof, water-proof.** No animal, vegetable or mineral oil, grease or fat can ever stain, soften or in any other way damage FLOR-EVER. The harshest soaps, cleaners and detergents will not affect it.

■ **Stain-and-spot-resistant.** FLOR-EVER is almost completely inert and stable chemically—cannot be stained, discolored nor in any other way affected by household acids, chlorides, bleaches and other attacking agents normally encountered.

■ **Outwears most other floor coverings.** FLOR-EVER is amazingly resistant to abrasion. For instance, it will outwear floor coverings 150% as thick and the colors cannot be worn off because they are IN the Vinylite clear through to the Permo-Seal back.

■ **Priced for popular budgets.** Though luxurious in appearance and performance, FLOR-EVER is not a premium floor. Its installed cost is comparable to that of most popular high quality floor coverings. Investigate.

send for your sample set

If you are a practicing architect or designer, an active builder, or otherwise concerned with specifying floor coverings, we shall gladly have delivered to you full descriptive and technical material plus a complete set of samples, without obligating you in any way—and we know this material will help you do your job more efficiently and profitably. Mail the coupon.

Manufactured by one of America's leading floor covering manufacturers:  
**DELAWARE FLOOR PRODUCTS, INC., Established 1930**  
Plants: Wilmington, Del. Manufacturers of FLOR-EVER, Kolorflor, Durain.

DELAWARE FLOOR PRODUCTS, INC.  
295 5th Ave., New York 16, N. Y.

Without obligation, please have your representative deliver a set of FLOR-EVER color samples, usable as a guide in specifying or ordering.

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

AB-4-51

# 1 Douglas Fir doors

\*The quality group of door manufacturers is comprised of mills inspected regularly by the Fir Door Institute inspection service. This service is a check on quality completely independent of individual mill supervision. The doors produced by these manufacturers carry FDI grademarks:

**Acme Door Corporation**  
Hoquiam, Wash.

**Buffelen Manufacturing Company**  
Tacoma, Wash.

**Cruver Door Company**  
Anacortes, Wash.

**Klamath Door Company**  
Klamath Falls, Ore.

**M and M Wood Working Company**  
Portland, Ore.

**E. A. Nord Co., Inc.**  
Everett, Wash.

**Puget Sound Manufacturing Co.**  
Tacoma, Wash.

**Robinson Plywood & Timber Co.**  
Everett, Wash.

**Simpson Logging Company**  
Seattle, Wash.

**Vancouver Door Company**  
Montesano, Wash.

**The Wheeler Osgood Company**  
Tacoma, Wash.



## A Wide Selection ... Plus 5 Quality Grades for Every Building Need

Small cottage or stately mansion... office, hotel or commercial building... there's a quality-manufactured\* Douglas Fir door for every conceivable building requirement.

FDI-Inspected doors are produced in 36 interior door designs, 21 entrance door designs, several garage door designs... in a wide range of styles, sizes and grades. Architect-designed for beauty... precision engineered for perfect alignment... perfect balance... perfect performance—doors bearing the FDI hallmark of quality are manufactured and inspected in strict accord with rigid Department of Commerce standards.

Small wonder six out ten doors specified for America's residences are Douglas Fir doors.

**FDI-A**

**FDI-B**

**FDI-BP**

**FDI-C**

**FDI-MR**

Demand these FDI official stamps on every Douglas Fir, Western Hemlock, or Sitka Spruce door you buy. These FDI grade-marks certify that doors so marked meet *quality* Commercial Standards CS73-48 or CS91-41—and have been officially inspected by the Fir Door Institute. At buyer's request, doors marked by FDI stamps will be covered by notarized Certificate of Inspection.

**Fir Door Institute**

Tacoma 2, Washington



AMERICAN BUILDER



BATHROOMS



PLAYROOMS



KITCHENS



POWDER ROOMS



RESTAURANTS



STORES

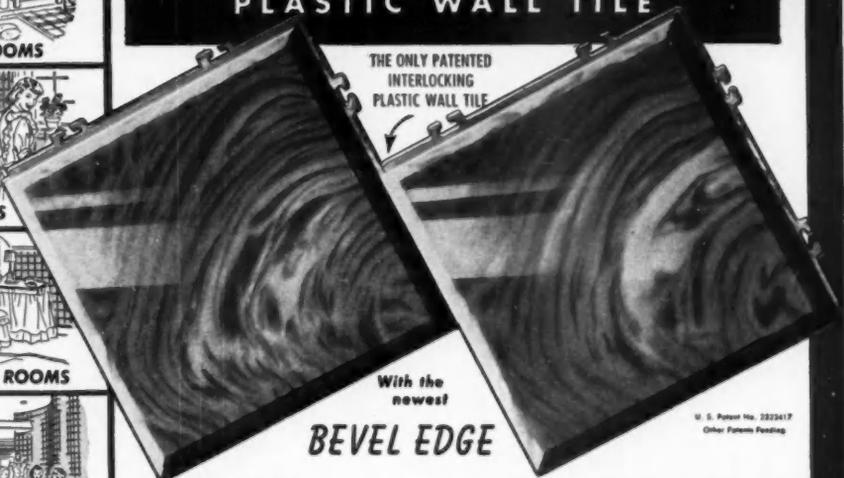
As SURE as the Wall it Tiles...

PITTSBURGH

# INTERLOCK

PLASTIC WALL TILE

THE ONLY PATENTED  
INTERLOCKING  
PLASTIC WALL TILE



With the  
newest

## BEVEL EDGE

U. S. Patent No. 222617  
Other Patents Pending

## 10 REASONS FOR "INTERLOCK'S" SURE PERFORMANCE!



Accepted by the U.S. Dept. of  
Commerce, Bureau of Standards

"Interlock" is your sure certification for a job well done . . . in '51. With its 22 most modern colors, nationally advertised to millions of consumers, Pittsburgh Interlock Plastic Wall Tile has become the greatest wall covering demanded by contractors, dealers and architects. The newest patented interlocking and bevel edge makes installation more simple than ever. Try "Interlock" on your next tile job and you'll see why it is as sure as the wall it tiles.

**JONES & BROWN, Inc.**

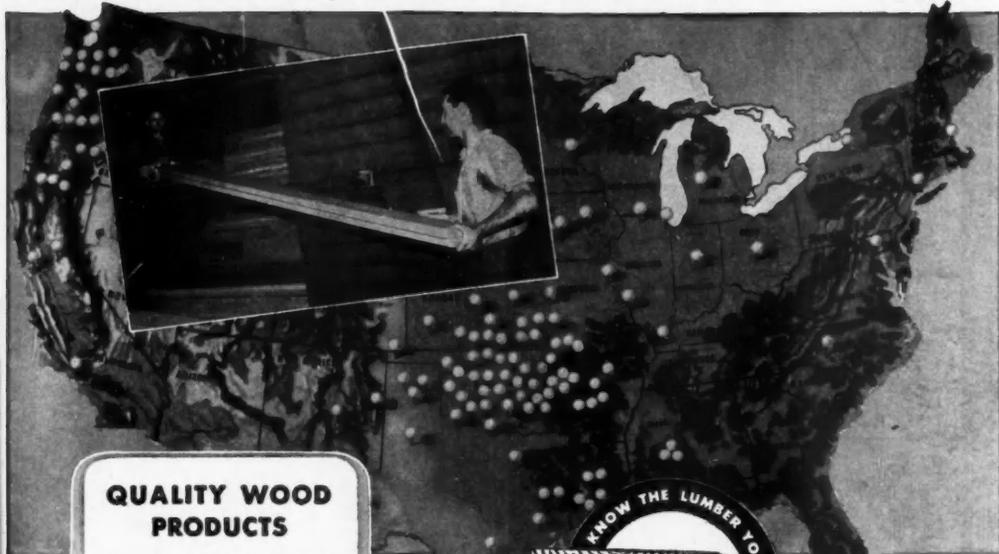
National Distributors

439 Sixth Avenue • PITTSBURGH, PA.

1	UNAFFECTED BY HOUSEHOLD ACIDS	PRECISION ENGINEERED FOR EXPANSION & CONTRACTION	6
2	FLEXIBLE . . . BETTER THAN EVER	WEIGHS ONLY 6 OZ. PER SQUARE FOOT	7
3	NO ABSORPTION OF MOISTURE	FADE RESISTANT COLORS	8
4	CLEANS EASILY WITH A DAMP CLOTH	SOLID PLASTIC THROUGH AND THROUGH	9
5	WON'T PEEL, CRAZE OR CRACK ON WALL	NO GROUTING—NO CLEAN-UP	10



Look to Long Bell for "SINGLE SOURCE Supply"



**QUALITY WOOD  
PRODUCTS**

From Long-Bell Douglas Fir  
and Ponderosa Pine factories  
—quality Frames, Industrial  
Cut Stock, Sash & Doors,  
Glazed Sash Box Shook . . .  
Kitchen Cabinets . . . Un-  
painted Furniture . . . Pre-  
fabricated Building Stock  
. . . varied Products.

**OAK FLOORING  
PONDEROSA PINE  
PLYWOOD  
TREATED PRODUCTS**

. . . Woods treated with creosote and standard salt preservatives, from Long-Bell Wood Preserving Plants.



Supplied by Long-Bell's 14 modern mills and factories, The Long-Bell Lumber distribution system is specifically designed to give you maximum service on your purchases of lumber and lumber products.

By ordering more of your requirements from a single convenient source you can save time, money and trouble. You can Look to Long-Bell for your lumber requirements in Douglas Fir, West Coast Hemlock, Southern Pine, Ponderosa Pine, White Fir and Southern Hardwoods.

# The Long Bell Lumber Company

Established 1875

KANSAS CITY 6, MISSOURI

DIVISIONAL SALES OFFICES

EASTERN DIVISION • Kansas City, Mo.

WESTERN DIVISION • Longview, Wash.

# SEE IT!

— in the 1951 Sweet's Architectural File  
and Sweet's File for Builders

No progressive architect or builder can afford to be without this important new publication on modern trends in automatic heating equipment, now brought to you by Timken Silent Automatic.

Make it your business *today* to see this informative 12-page Timken Silent Automatic catalog in Sweet's. Entirely new and liberally illustrated, this colorful booklet supplies complete detailed information on the advance-designed Timken Silent Automatic line of quality-built heating equipment.

For your convenience, this important piece of heating literature is also available in reprint form. Write for your free copy.



## CHECK THESE IMPORTANT TIMKEN SILENT AUTOMATIC ADVANTAGES:

**COMPACT DESIGN**—Close attention to every detail of design engineering holds required floor area to a minimum. All the finest modern features are combined in a complete line of ultra-compact units ideal for small homes.

**QUIET OPERATION**—The truly exceptional quietness of the famous Wall-Flame Burner—a sound level so low it can scarcely be heard—has proved its value in hundreds of thousands of installations, especially next to living quarters.

**EFFICIENT PERFORMANCE**—For many years Timken Silent Automatic oil-fired equipment has produced fuel oil savings of 25% or more. Now modern design has also made Timken Silent Automatic gas-fired equipment outstanding for economy in its field.

**COMPETITIVE PRICE**—Timken Silent Automatic heating equipment is priced to compete with other makes of comparable quality—or even less than comparable quality. Best proof is its widespread installation in the most strictly budgeted housing projects.

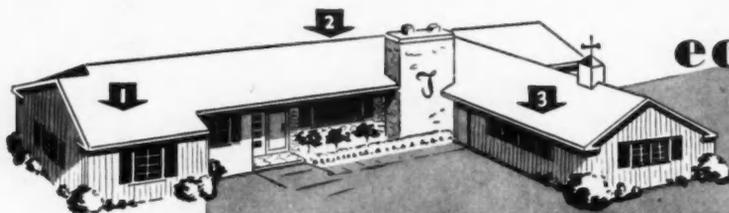
**FACTORY ASSEMBLY**—Every feasible assembly operation, including all essential wiring and piping, is completed before each Timken Silent Automatic unit is shipped from the factory. Installation is greatly simplified and speeded by *unitized* construction.

**93** MODELS OF FINE  
HEATING EQUIPMENT  
FOR OIL, GAS AND COAL



PLANTS AT: DETROIT AND JACKSON, MICH. • OSHKOSH, WIS. • UTICA, N. Y. • ASHTABULA AND KENTON, OHIO • NEW CASTLE, PA.  
APRIL 1951

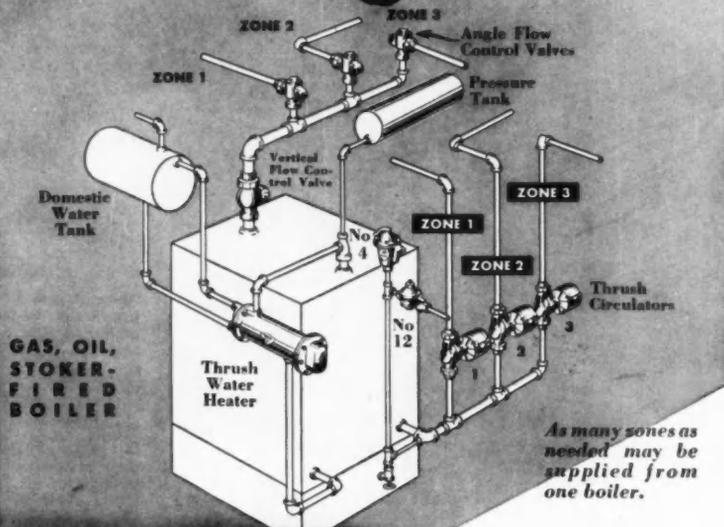
# ZONED FOR COMFORT and economy!



**ZONE 1**—Kitchen, Utility Room, and Servants' Quarters.

**ZONE 2**—Living Room, Den, Dining Room, and Game Room.

**ZONE 3**—Bedroom Wing.



## THRUSH

## forced circulating

### FLOW CONTROL HOT WATER HEAT



Horizontal Thrush Water Circulator



Vertical Flow Control Valve with air tube.



No. 201 Radiant Heat Control

ANY HOT WATER heating plant may be zoned easily and inexpensively with Thrush Flow Control System, to supply as many zones as are needed from a single boiler. These zones may be in the same house or in adjacent buildings, often greatly reducing equipment cost because the one boiler replaces many. Only a Circulator, with Relay Transformer, Flow Control Valve, and a Radiant Heat Control are added for each additional zone . . . simple units which give dependable and individual comfort control in each zone. Thrush Water Heater eliminates the need for separate domestic water supply as the same heating boiler automatically provides plenty of hot water for kitchen, laundry and bath summer and winter. If you are not familiar with Thrush Flow Control System and heating specialties, see our catalog in Sweet's or write Dept. G-4.

**H. A. THRUSH and CO.**  
PERU . . . . . INDIANA



# MICARTA® HELPS MAKE SALES

*-and now your regular carpenters  
can install new pre-bonded  
panels*



Westinghouse Micarta is the *glamorous* high-pressure plastic surface for sink and kitchen counter tops and in playrooms or bathrooms.



The beautiful colors, the smooth gleaming surfaces, the interesting patterns—they all add so much to a room.

The *advantages* of Westinghouse Micarta will fascinate your prospects. You can dare them to nick, dent, chip or scratch Micarta with dishes, cutlery, pots or pans. Dare them to stain Micarta—even with iodine, grease, nail polish remover, alcohol, fruit juices, boiling water! And tell them Micarta is *cigarette proof!*



## *-Standard tools work the panels . . .*

Micarta is being supplied today by the best fabricators of kitchen counters and cabinets—because they know this Westinghouse product is the finest in its field.

Now your carpenters can install Micarta, too, when and where you want it—using factory-fabricated Panels

made of 1/16" Micarta bonded to 3/4" waterproof Weldwood plywood.

They are made in four sizes so they cut with virtually no waste in almost every case.

Anyone can saw, plane, trim, drill and install these Panels.

*Send for test sample and data including installation details*

MICARTA is made by  
**WESTINGHOUSE**

and sold in decorative grades only by

UNITED STATES PLYWOOD CORPORATION and  
U. S.-MENDEL PLYWOODS, INC.



.....

• UNITED STATES PLYWOOD CORPORATION AB-4-51

• 55 West 44th Street, New York 18, N. Y.

• Please send free Micarta sample and simplified instructions.

• NAME \_\_\_\_\_

• BUSINESS \_\_\_\_\_

• ADDRESS \_\_\_\_\_

• CITY \_\_\_\_\_ STATE \_\_\_\_\_

•.....



CROSS SECTION  
SHOWS SECRET OF  
Roly-DOOR  
RIGIDITY and  
LIGHT WEIGHT



Because the cold forming of metal increases its strength, each section of the four-sectional Roly-Door is a single panel, cold roll-formed into a pattern to combine maximum rigidity with minimum weight. By using the deep hat-section and the permanently set triple bands, a firm, self-supporting unit is obtained. This panel is then fused by electric resistance welding to the sturdy U-channel which runs the full length of each end. Then, in the field, each panel section is permanently secured to the next by means of a simple, strong spring steel clip, and is interlocked for its entire length to provide a smooth-acting weathertight joint.

**WRITE FOR YOUR FREE GUIDE!**

*A note on your stationery will bring you your free guide to the selection of residential garage doors—and the phone number of your nearest Roly-Door distributor.*

## What's between you... and your car?

Are you (and the homes you build) happy about your garage doors? Are you "that way" about them?

Are they four-sectional? All steel? Overhead? Do they cost less to buy—to install? Will they last a house-time?

Is there minimum field assembly? Is everything that can be predetermined fixed to the door at the factory? Is every door individually packaged in a single carton—complete with all necessary parts?

Is it factory prime coated and infra-red baked? Is its operation finger-tip—"touch and go"? Is it quiet, safe, weatherproof?

IS IT? IT IS! Then it's the sensational New MORRISON Roly-Door!

Roly-Door DIVISION  
**MORRISON**  
STEEL PRODUCTS, INC.

649 AMHERST ST. • BUFFALO 7, N. Y.



**ALL FLUSH DOORS ARE NOT ALIKE!**

*There is only one*

# Thomason

## FLUSH DOOR

*(All-Wood Throughout)*

This flush door, with its unique all-wood core construction, has been specified by architects and contractors for new homes, churches, schools, hospitals, apartments, hotels and public buildings in all sections of the country.

Go to your THOMASON distributor and ask him to show you a cut-away of the THOMASON Flush Door. See for yourself how expertly it is made . . . see how extra strong it is, yet light in weight. Don't be satisfied with anything less than the best when the best doesn't cost any more than the ordinary.



### AVAILABLE WITH THESE FACE VENEERS

You can choose from Mahogany, Walnut, Oak or Birch. The THOMASON Flush Door also comes faced with natural Gum that provides a satin-smooth surface for staining any color desired.

### ALSO MADE FOR EXTERIOR USE

You can order the exterior door either plain or with any one of the three standard light opening patterns. Or you may have the THOMASON Flush Door with a solid all-wood core, faced with your choice of several fine veneers.

***Don't delay!***

If you do not know him, write us today for the name and address of your nearest distributor.

SOLD ONLY THROUGH DISTRIBUTORS

MANUFACTURED BY

**THOMASON**  
PLYWOOD CORPORATION

FAYETTEVILLE • NORTH CAROLINA

For All Residential Units...

# R·O·W Removable WOOD Windows

Help You . . .

**SELL THE HOME**



Show the woman prospect how R·O·W Windows can be REMOVED for washing or painting both sides indoors by pushing each sash to the left against spring pressure.



Then tell her about the recent window-washing time test that proved an R·O·W Window may be washed, both sides, in 2 minutes as against 6½ minutes for the ordinary window.

For the name of your nearest distributor and the facts on R·O·W's "Window-Washing Time Test"—fill out the coupon at right.

**R·O·W Removable  
WOOD WINDOWS**

World's Largest Selling Wood Window

B-17

**SAVE COSTS**



All R·O·W sash may be removed and painted at one time and in one location. Sash may be covered and stored away from frames to reduce breakage costs. Removable sash reduce reglazing and other maintenance expenses.



Free Paint Lock in this Amazing Way: Press exposed metal sash channels (at left) and sash against spring pressure, paint lock is broken. A whole house takes just a few seconds.

**R·O·W SALES COMPANY**

1337 Academy—Ferndale 20, Michigan

Yes, at no obligation, please send me complete information and the name of the nearest R·O·W distributor.

Name \_\_\_\_\_  I am  
 Company \_\_\_\_\_  Architect  
 Address \_\_\_\_\_  Builder  
 City \_\_\_\_\_ Zone \_\_\_\_\_  Dealer  
 State \_\_\_\_\_  Carpenter-Contractor



# 4-Square End-Matched Lumber

FORMS BOARDS OF ANY LENGTH OR WIDTH

**B**uilders who use Weyerhaeuser 4-Square End-Matched Lumber find it one of their most versatile and profitable building items. It reduces costs and waste . . . promotes stronger construction . . . and solves the width and length problem.

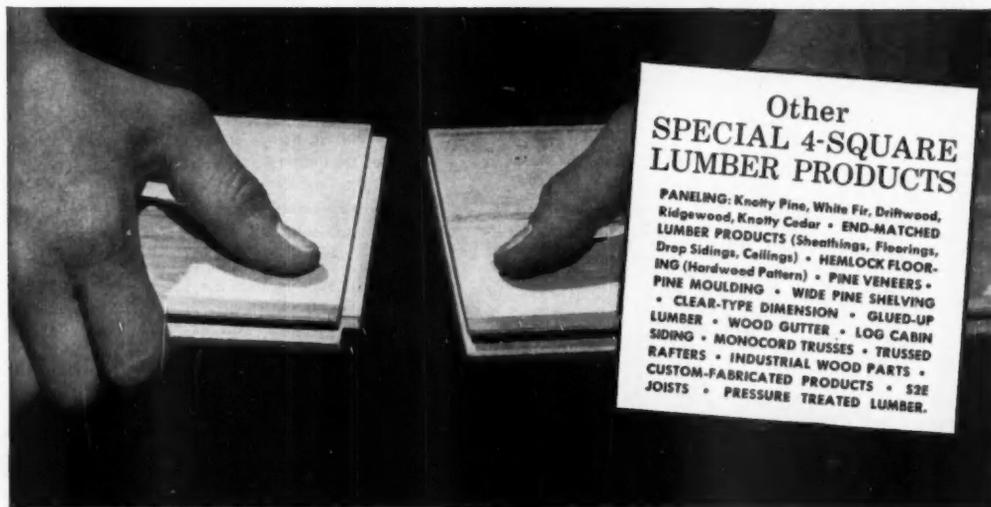
4-Square End-Matched Lumber is precision manufactured with the ends and edges tongued and grooved. End-Matched locks together at the ends and edges and builds up into any width or length, to form smooth, tight, solid panels of any desired size.

Since the inter-locking tongue and groove permits secure joining anywhere in the

course, it is not necessary to break joints over studs, joists or rafters. Trimming for length is unnecessary. Nailing time is reduced and end splitting avoided, since double nailing is not required.

When End-Matched is trimmed at the end of a run, the rest of the piece is used to start the next course. Material waste is practically eliminated.

Weyerhaeuser 4-Square End-Matched Lumber is available in various grades and species for sheathing, sub-flooring, siding, finish flooring, ceiling and form work. See your 4-Square Dealer . . . try End-Matched Lumber on your next job.



*Build for*  
**GREATER PROFIT**  
*with*  
**SPECIAL 4-SQUARE  
LUMBER PRODUCTS**

# Weyerhaeuser 4-Square

**LUMBER AND SERVICES**

WEYERHAEUSER SALES COMPANY  
ST. PAUL 1, MINNESOTA



Bryant Model 322 Unit Heater with A.G.A. inputs of 110, 133, 175, 210 thousand Btu per hour.

## How to cut maintenance Overhead

Best bet for industrial and commercial heating installations is *the* unit heater you can specify on the basis of *least maintenance*. That's where your client looks for long-range economy and lasting satisfaction.

Tell him of the trouble-free operation of Bryant Gas Unit Heaters . . . how their specifically designed unit heater controls eliminate failures . . . how proper heat exchanger design prevents burnouts and squeezes a maximum of heat from every dollar's worth of fuel . . . how simple, time-saving installation of these Bryants meets his needs for comfort heating that's quick, automatic and without waste.

And, once installed, he can count on these Bryant Unit Heaters for fewer service calls . . . less trouble *overhead*. These advantages mean *savings* for him . . . no headaches for you.

For a more complete story, contact the Bryant Distributor nearest you or write direct. Bryant Heater Division, Dept. 81, Affiliated Gas Equipment, Inc., 17825 St. Clair Ave., Cleveland 10, O.



Your single source of supply for everything in gas heating equipment!



# West Coast Hemlock Flooring

**P**rogressive builders are registering unusual interest in West Coast Hemlock Flooring . . . because it helps them two ways. It helps them to deliver greater flooring value . . . it helps them to more firmly establish their building reputation.

West Coast Hemlock Flooring is the softwood flooring that "hardens with age". It is End-Matched with a hardwood pattern. It is extremely durable.

Hemlock sands and finishes beautifully. It takes a lustrous high polish

or a soft dull tone. Since it is End-Matched . . . tongued and grooved at ends and edges . . . it lays up quickly and tightly.

West Coast Hemlock Flooring is another special Weyerhaeuser 4-Square Lumber Product that brings extra values to homes, stores and public buildings.

It will pay you to talk to your 4-Square Lumber Dealer about West Coast Hemlock Flooring and the other items in the Special Line of 4-Square Lumber Products.



## Other SPECIAL 4-SQUARE LUMBER PRODUCTS

PANELING: Knotty Pine, White Fir, Driftwood, Ridgewood, Knotty Cedar • END-MATCHED LUMBER PRODUCTS (Sheathings, Floorings, Drop Sidings, Collings) • HEMLOCK FLOORING (Hardwood Pattern) • PINE VENEERS • PINE MOULDING • WIDE PINE SHELVING LUMBER • CLEAR-TYPE DIMENSION • GLUED-UP LUMBER • WOOD GUTTER • LOG CABIN SIDING • MONOCORD TRUSSES • TRUSSED RAFTERS • INDUSTRIAL WOOD PARTS • CUSTOM-FABRICATED PRODUCTS • S2S JOISTS • PRESSURE TREATED LUMBER.

*Build for*  
**GREATER PROFIT**  
*with*  
**SPECIAL 4-SQUARE  
LUMBER PRODUCTS**

# Weyerhaeuser 4-Square

**LUMBER AND SERVICES**

WEYERHAEUSER SALES COMPANY  
ST. PAUL 1, MINNESOTA

From **Higgins**  
INCORPORATED  
 WORLD-FAMOUS BOAT BUILDERS



# HARDWOOD FLOORING

*With these Features:*

- ✓ EASY TO LAY
- ✓ SPEEDS YOUR JOBS
- ✓ BRINGS YOUR MONEY IN FASTER

**1.** Simple to install direct on steel, concrete, any type subflooring. No special tools or skills needed. Integral cross-grain-reinforced tongues prevent splitting when blind nailed.

**2.** You also install Higgins Blocks quickly. No "rights" or "lefts" to slow you down. Pick any block and it fits.

**3.** Completely finished at factory; final on-the-job labor eliminated—every block a gem of beauty just as it comes.

**4.** Each block precision cut to exact 9" x 9" net face; no dimensional loss allowance needed for tongues and grooves when you order—another big saving!



**Higgins Bonded Hardwood Block Flooring** will not warp, buckle, cup, or crack—it's water-repellent, termite-proof, rot-proof—highly resistant to scuffing, scratching, and soiling—costs less laid down than any top-quality flooring—easy and economical to maintain.

JOIN THE FAMILY OF SUCCESSFUL HIGGINS DEALERS—

Higgins, Incorporated  
 Dept. 432  
 New Orleans, Louisiana

Gentlemen: Please send sample of Higgins Bonded Hardwood Flooring block, together with detailed literature.

Firm Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_



Mail this Coupon for Sample Block and Literature

**Higgins**  
INCORPORATED NEW ORLEANS

**BONDED HARDWOOD BLOCK FLOORING**

AMERICAN BUILDER

# Build Defense Homes

# Now!



## Switch to prefabrication... profit the **P & H** way

**Y**ou can stay in business—even if government loan curbs, rising costs and material shortages have limited your conventional market. The nation needs low cost housing, especially in critical industrial areas.

You can fill defense housing needs, immediately, profitably, by building the new 1951 P & H factory-engineered homes. Your community gets permanent housing quickly... saves materials, manpower. You enjoy controlled costs, assured profits.

Whether you now build 5 homes or 500, you can get volume sales, project savings, minimum risk, prompt delivery, financing by following the P & H Builder Profit Plan.

You can sell quality homes priced for every volume market—selected from the complete P & H line—floor areas from 672 to 960 square feet... two bedrooms or three, full basement or utility, left hand plans or right, "end placement" plans for narrow lots.

This advertisement pictures only one of the 60 elevations—all reversible—in the complete P & H

line. Your projects gain infinite individuality, avoid "row house monotony," with such P & H special features as gable and hip roofs, gable and hip porches, yard-wide eaves, trellises, jib supports, window boxes, classic panels, shutters and door designs.

Government and financial agencies recognize the enduring quality and lasting value of P & H homes—planned and priced to meet all current housing regulations, national and local. P & H volume sales, easy financing, assure you steady profits in today's uncertain home building market.

**FINANCING AVAILABLE**—When local financial resources are limited, you can get either construction loans or long term mortgages through facilities of Harnischfeger Corporation's service subsidiary, Builders Acceptance Company.

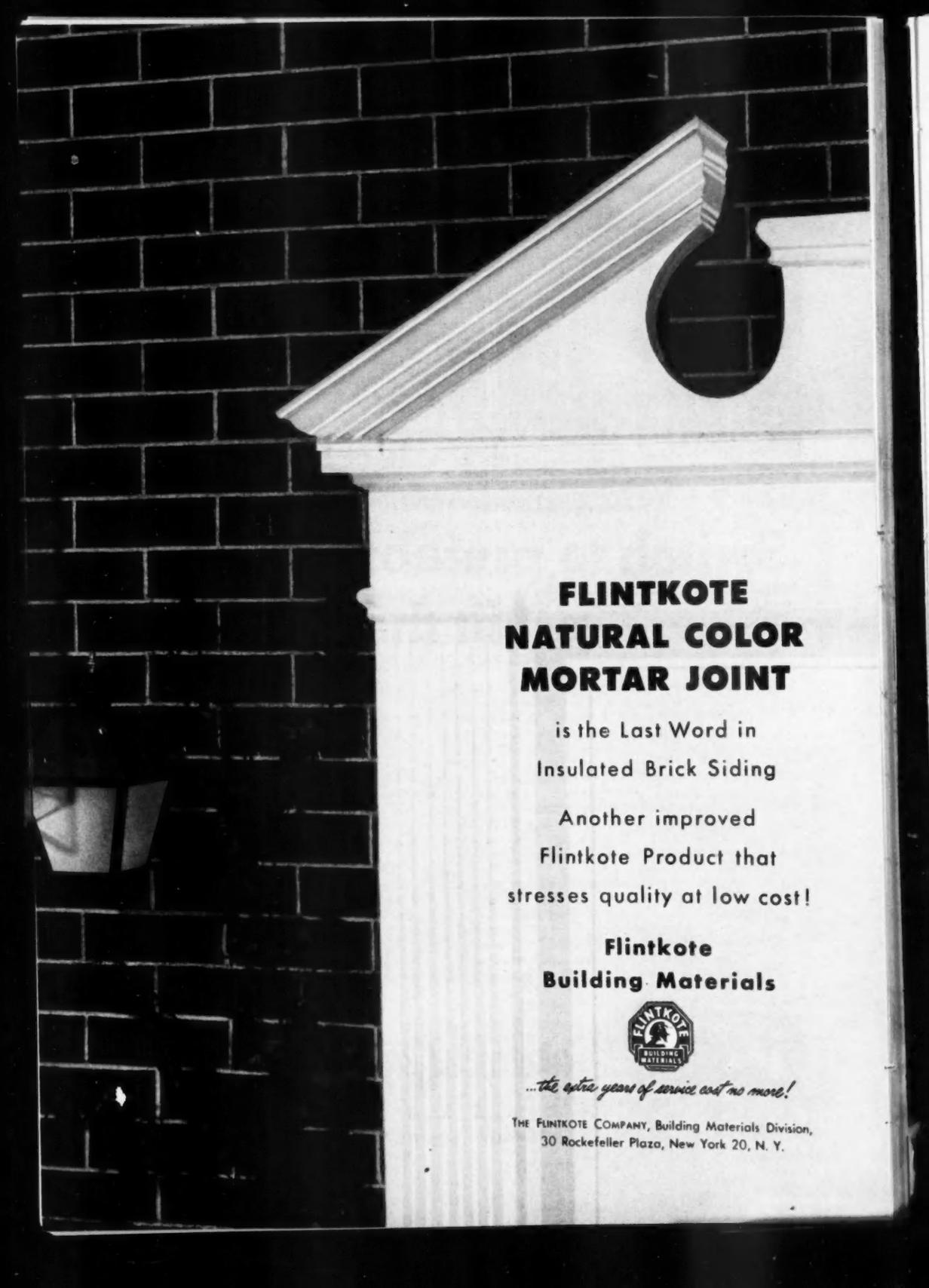
Write today for details of the P & H Builder Profit Plan. Ask for free booklet, "How to Win on the 1951 Home Front."

# P & H

# Harnischfeger Corporation

H O U S E S D I V I S I O N

44 Spring Street • Port Washington, Wisconsin



**FLINTKOTE  
NATURAL COLOR  
MORTAR JOINT**

is the Last Word in  
Insulated Brick Siding

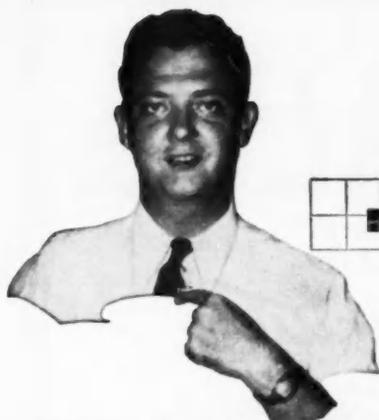
Another improved  
Flintkote Product that  
stresses quality at low cost!

**Flintkote  
Building Materials**



*...the extra years of service cost no more!*

THE FLINTKOTE COMPANY, Building Materials Division,  
30 Rockefeller Plaza, New York 20, N. Y.



Yes, any builder  
can reduce costs with

# modular design

Modular design is simply a practical method of coordinating building plans and materials on a four-inch unit of measurement—called a "module." Widely acclaimed as the most important development in the building industry today, modular design offers you many cost-cutting advantages.

## how modular design



## speeds construction

Modular-size building materials fit together without costly cutting and fitting on the site—save waste time and excessive labor costs.

## how modular design



## reduces waste

Modular design eliminates much of the waste of expensive building materials, since modular-size units are put together without trimming.

## how modular design



## simplifies your purchasing

One national standard for wood window sizes now replaces the ten or more regional standards. Jobbers and dealers can carry a better assortment of standard stock items, and it's easier for you to obtain the sizes you need.

## how modular design



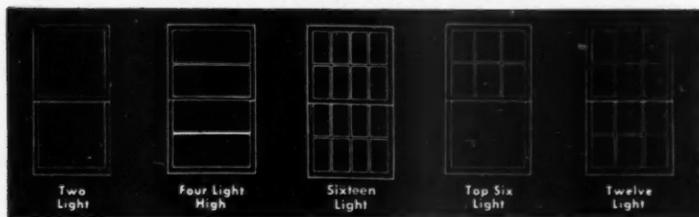
## helps you meet competition

Modular design enables you to give the owner greater value for his money, whether you're building small homes or large commercial or industrial structures.

*for example*

These five popular wood window designs are all readily available in the 25 most widely used sizes. Any one of the designs will fit into the same size window opening—without wasteful cutting and trimming.

See your lumber dealer for additional information on modular design.  
Or mail the coupon for our free folder.



NATIONAL WOODWORK MANUFACTURERS ASSOCIATION • 332 South Michigan Avenue, Chicago 4, Illinois

These seals of approval identify woodwork products which meet NWMA minimum standards for preservative treatment.



National Woodwork Manufacturers Assn.  
332 South Michigan Avenue  
Chicago 4, Illinois

Gentlemen: Please send me your folder, "New Savings for Builders."

Name.....

Address.....

City.....Zone.... State.....

# PLAIN TALK..

*about your 1951  
Profit Opportunities  
in the Roofing Business*

Present restrictions on new home building need not restrict your own opportunity for profitable roofing business.

Consider these facts:

1. According to best estimates a total of 800,000 new housing units will be built in 1951. This, itself, is a pretty good-sized market in any year, yet . . .
2. It represents only a part of the total roofing market in prospect for this year.
3. The BIGGER part—much BIGGER part—will be reroofing, maintenance and repair.

Yes, people are going to need new roofs on their houses . . . and people are going to have money to buy them! Money that might otherwise be spent for hard-to-get consumer goods is available for home-improvements and repairs.

You can claim your share of this ripe market by selling and applying Barrett\* Asphalt Shingles. The Barrett line includes not only a wide variety of "conventional" shingles but also top-flight, exclusive design, lock-type shingles. Barrett\* Shingles are approved by Underwriters' Laboratories, and meet every requirement for superior reroofing at moderate cost—values your competition just can't beat.

Don't put it off—get in touch with Barrett today! Let your Barrett representative give you full information as to products, prices, deliveries, advertising and promotion backing that really help you sell.



## THE BARRETT DIVISION

ALLIED CHEMICAL & DYE CORPORATION

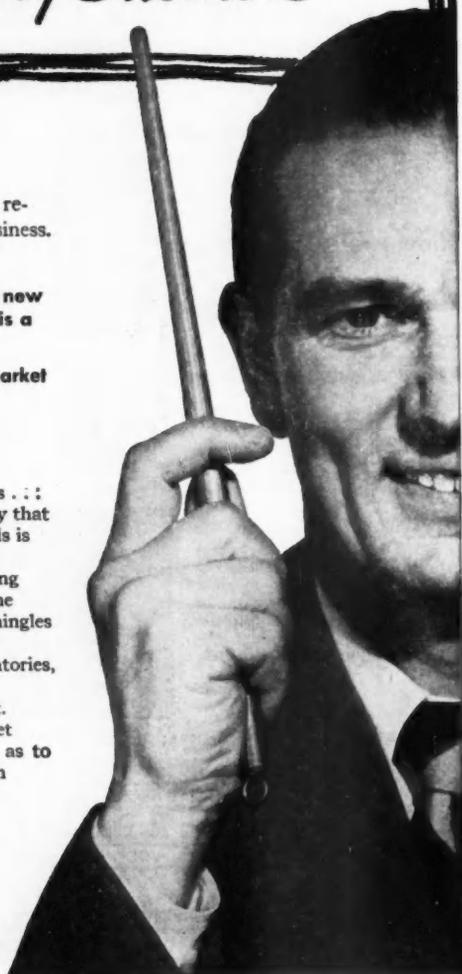
40 Rector Street, New York 6, N. Y.

208 W. Wacker Drive, Chicago 6, Ill.

1327 Erie Street, Birmingham 8, Ala.

36th St. & Grey's Ferry Ave., Philadelphia 46, Pa.

\*Reg. U. S. Pat. Off.



# Versibond Has Everything!



easier  
application



VERSIBOND  
is as EASY  
TO APPLY  
as linoleum

## VERSIBOND

Know it  
by the  
**FLEXIBLE  
RUBBER  
BACKING**

VERSIBOND is a "natural" for builders and installers! Its easier installation - by contact pressure - reduces costs. It is easy to cut to size - easy to bend to form concave backs of sink tops and other decorative effects. It can be shaped, routed, drilled, countersunk and counterbored. Cut edges are easily filed, planed, or sandpapered to desired smoothness. What about "owner benefits"? VERSIBOND offers the owner all the advantages of the highest quality decorative plastic lamin-

ate surfacing materials *PLUS cigarette-proof quality at no extra charge!* A full range of popular color - patterns gives the customer freedom of selection to harmonize with any decorative plan. VERSIBOND is resistant to wear, stains, heat, light, and boiling water. (VERSIBOND exceeds "NEMA" tests for those qualities.) For full-color, descriptive folder about VERSIBOND, write . . .

The Ohio Rubber Company,  
VERSIBOND DIVISION,  
100 Ben-Hur Ave., Willoughby, Ohio.

Cigarette-proof quality at no extra cost!

## VERSIBOND

HIGH PRESSURE

Versatile  
Decorative  
Laminate

## BOOK REVIEW



### THE BUILDING ESTIMATOR'S REFERENCE BOOK

by Frank R. Walker. Eleventh Edition, 1755 pages, illustrated. 4½ x 6½ inches. With VEST-POCKET ESTIMATOR, 220 pages, 2½ x 5 inches. Not sold separately. Frank R. Walker Company \$12.00.

ONE of the most important happenings in the practical building book field during the past twelve months was the publication of the new, completely revised edition of Frank R. Walker's THE BUILDING ESTIMATOR'S REFERENCE BOOK. As thousands of builders and contractors already know, this handy guide and handbook has been rendering valuable estimating service for a great many years, since 1915 to be exact, and is as useful today in its eleventh edition as it was in its first edition thirty-six years ago.

During that time the book has grown to be a good-sized volume containing 1750 pages and hundreds of illustrations, diagrams and estimating tables. What is most noteworthy about the new edition, however, is that Mr. Walker, having waited five years after the end of World War II to make this revision, has included all the material and labor price changes that occurred in that interval. Now with the Korean War and the defense production program on our hands it is impossible to say what will happen to costs and prices in the future. Even so, THE BUILDING ESTIMATOR'S REFERENCE BOOK in its new edition is still far and away the best estimating volume on the market.

Because this work provides basic estimating know-how and covers every type of building material together with the cost of labor appropriate to its use the book can be employed by builders, contractors, estimators and architects in figuring costs on practically any job from the largest to the smallest, from fitting acoustical tile in a skyscraper to installing weatherstripping in a four-room house.

As an added feature, with each copy of THE BUILDING ESTIMATOR'S REFERENCE BOOK that is sold, the publisher gives away his excellent VEST-POCKET ESTIMATOR. This little book, which is not sold separately, contains 220 pages of ready reference estimating and cost data in condensed form. There may not be a word of truth in it, but we have been told of building men who bought the large Reference Book just to get the free copy of the Estimator.

### BUILDING TRADES HANDBOOK

International Textbook Company. 366 pages, 150 illustrations, 50 tables. 3½ x 5½. \$1.75.

Another reference book that we believe can be helpful to builders, but in quite a different way from the estimating book above, is the pocket-sized BUILDING TRADES HANDBOOK. Into its 366 small-size pages is packed a wealth of concise building data, formulas and illustrations on mathematics, drawing, design, masonry, carpentry, millwork, roofing, painting and estimating. For instance, in the carpentry and millwork section is found framing diagrams and statistics, details of window details, interior and exterior finish, together with descriptions of woods, glazing, and trim. All of this information is naturally presented in its briefest form, but even so the book is surprisingly complete. More to the point, a pocket-size book should be a compact volume if for no other reason than ease in carrying it around.

# A SPECIAL

Here's an easy way to get new essential information that will help you increase your income. Every volume a standard work by leading authority. Remember—it's the informed builder who is the successful builder.

## ESTIMATING

1. **THE BUILDING ESTIMATOR'S REFERENCE BOOK** and Vest Pocket Estimator (not sold separately). By Frank R. Walker. Contains latest estimating and cost data on everything that goes into house construction. Most complete compilation of estimating and cost data available. \$12.00.
2. **SIMPLIFIED CARPENTRY ESTIMATING.** By J. W. Wilson and Clell M. Rogers. Everything needed to "take-off" a bill of materials from set of plans and specifications for a frame house—with many helpful quick-reference tables and short-cut methods that simplify the work. \$3.50.
3. **THE BUILDING TRADES HANDBOOK.** Ready reference on building subjects—mathematics, architectural drawing, structural design, materials and methods. \$1.75.
4. **CONTRACTOR'S MATERIAL LIST.** A 10-column take-off form for complete listing of materials and labor costs. \$1.00.
5. **SPECIFICATIONS.** Full set of detailed house specifications (and item index), with spaces for inserting the pertinent description data. \$5.00.

## CARPENTRY AND BUILDING

6. **HOUSE CONSTRUCTION DETAILS.** Compiled by Nelson L. Burbank. Exact working guide on every detail of house construction from foundation to finish. Tells dimensions, materials, processes, step-by-step working methods. \$4.50.
7. **HOUSE CARPENTRY AND JOINERY.** By Nelson L. Burbank. Every step of carpentry in and around a house, clearly explained and illustrated. Covers every job from foundation forms to interior trim. \$3.98.
8. **PRACTICAL JOB POINTERS.** More than 850 "tricks of the trade," short cuts, kinks and modern methods of doing all kinds of carpentry and building repair jobs. Cross-indexed for quick reference. Fully illustrated. \$4.00.
9. **FRAMING, SHEATHING AND INSULATION.** Easy-to-use illustrated guide of proper ways to do house framing, sheathing and insulation jobs. Good self-teacher. \$3.50.
10. **INTERIOR AND EXTERIOR TRIM.** Practical how-to instruction book for all basic carpentry steps in interior and exterior trim work \$3.50.

## THE STEEL SQUARE

11. **STEEL SQUARE POCKET BOOK.** By Dwight L. Stoddard. Illustrated and worked-out problems of laying out common rafters, hipped, octagon, hexagonal and circular roofs, roofs of uneven pitch, and curved roofs. \$1.25.
12. **STEEL SQUARE.** By Gilbert Townsend. This how-to-do-it steel square instruction book provides fundamentals plus step-by-step house construction problems solved by proper steel square use. \$2.25.
13. **SIMPLIFIED STAIR LAYOUT.** By J. Douglas Wilson and S. O. Werner. Basic work book presenting easily understood fundamentals of stair building. \$1.50.
14. **STAIR BUILDING.** By Gilbert Townsend. Fully illustrated explanation of every problem in design and construction of stairs. \$2.50.

AMERICAN BUILDER

# BOOK ORDER SERVICE—

## PLAN BOOKS

15. **AMERICA'S BEST SMALL HOUSES.** Exterior and interior views, floor plan sketches, material specifications and descriptions of 40 new low-cost homes. \$3.95.
16. **SUNSET WESTERN RANCH HOUSES.** Authoritative book on the California ranch house, with thorough pictorial descriptions and ground floor and site drawings. \$3.00.
17. **DUPLEX AND APARTMENT HOUSES.** By J. W. Lindstrom. Floor plan sketches and brief descriptions of 35 duplexes, 11 4-apartment buildings, and 5 larger ones ranging from 6 to 12 apartments. Cubic footage given. \$1.00.
18. **BLUEPRINT PLANS.** Contains 12 complete blueprints of modern small homes designed by leading architects. Also descriptions and floor plans of 9 other houses, 7 garages; and sketches of built-in equipment. \$1.00.
19. **PREMIER BOOK OF GARAGE PLANS.** Full-scale working blueprints and pictures of one and two-car garages. Not new, but only book supplying plans. \$3.50.

## HEATING AND PLUMBING

20. **HEATING, COOLING AND AIR CONDITIONING HANDBOOK.** A handy reference manual and practical instruction book. 706 pages. 351 illustrations. \$4.00.
21. **HOW TO DESIGN AND INSTALL PLUMBING.** By A. J. Mathias, Jr. Every step in the design and installation of the plumbing system, to fulfill requirements indicated in blueprints and specifications, explained and illustrated. \$3.50.
22. **STANDARD PLUMBING DETAILS.** By Louis J. Day. Excellent 119 full-page detail plates covering every phase of best modern plumbing practice. No text. \$7.00.

## PAINTING AND DECORATING

23. **PRICE GUIDE FOR PAINTERS AND DECORATORS.** Tables covering practically every type of work done by the painter and decorator, with suggested prices based on various wage scales. \$1.25.
24. **PAINTING AND DECORATING CRAFTSMAN'S MANUAL.** Sponsored by the Painting and Decorating Contractors of America. \$2.00.

## BRICKWORK AND MASONRY

25. **THE ART OF BRICKLAYING.** By J. Edgar Ray. Basic brick-laying job instruction, many illustrations, glossary, special scaffolding and cement block chapters. \$4.00.
26. **THE MASONRY HOUSE.** By Lee Frankl. Training-Thru-Sight Associates, Inc. Step-by-step guide to complete house construction in brick and tile. Excellent self-teacher. \$2.95.
27. **MASONRY SIMPLIFIED, Vol. II.** Practical masonry procedures in the various phases of construction, from building forms for concrete to constructing fireplaces and septic tank systems. Includes discussion of handling new products such as glass blocks, waterproofing mixtures and insulating blocks. \$5.00.

## ELECTRIC WIRING

28. **INTERIOR ELECTRIC WIRING AND ESTIMATING.** By Albert Uhl, A. L. Nelson and C. H. Dunlap. How-to-do-it book on interior wiring and cost estimating. \$2.75.
29. **WESTINGHOUSE HOME WIRING HANDBOOK.** By A. Carl Bredahl. A guide for planning the wiring of moderate-priced homes, with emphasis on safety, effectiveness and efficiency. \$1.00.

## MISCELLANEOUS

30. **HOME BUILDERS MANUAL FOR CONTRACTORS.** Provides convenient data and check lists to follow all operations connected with construction of a home. Looseleaf binder permits additions of special material pertaining to project being constructed. \$5.00.
31. **PRACTICAL ACCOUNTING AND COST KEEPING FOR CONTRACTORS.** Complete instructions and examples showing proper methods of keeping time and compiling costs on all classes of construction work. \$3.50.
32. **BOOK OF SUCCESSFUL FIREPLACES.** Best available book on how to construct indoor and outdoor fireplaces. \$5.00.
33. **LUMBER DATA.** Lefax Data Sheets. Handy pocket-sized handbook containing all kinds of important data having to do with lumber and timber. \$1.00.
34. **HOW TO EXPAND AND IMPROVE YOUR HOME.** By Lee Frankl. An excellent home remodeling guide written for the homeowner but invaluable for builders and lumber and building supply dealers. \$5.95.
35. **NEW HOUSES FROM OLD.** By R. R. Hawkins and C. H. Abbe. A thorough home remodeling survey book useful for laymen and building trades craftsmen. \$5.95.

## BOOK ORDER COUPON—MAIL NOW!

Book Service Department, American Builder  
Simmons-Boardman Publishing Corporation  
30 Church Street, New York 7, N. Y.

Please send me at once the books indicated by the numbers circled below.  
Remittance (plus 10c per book to cover mailing costs) enclosed for \$.....

1 2 3 4 5 6 7 8 9 10  
11 12 13 14 15 16 17 18 19 20  
21 22 23 24 25 26 27 28 29 30  
31 32 33 34 35 36\*

\*No. 36 sent FREE if  
order totals \$5 or more

Name .....

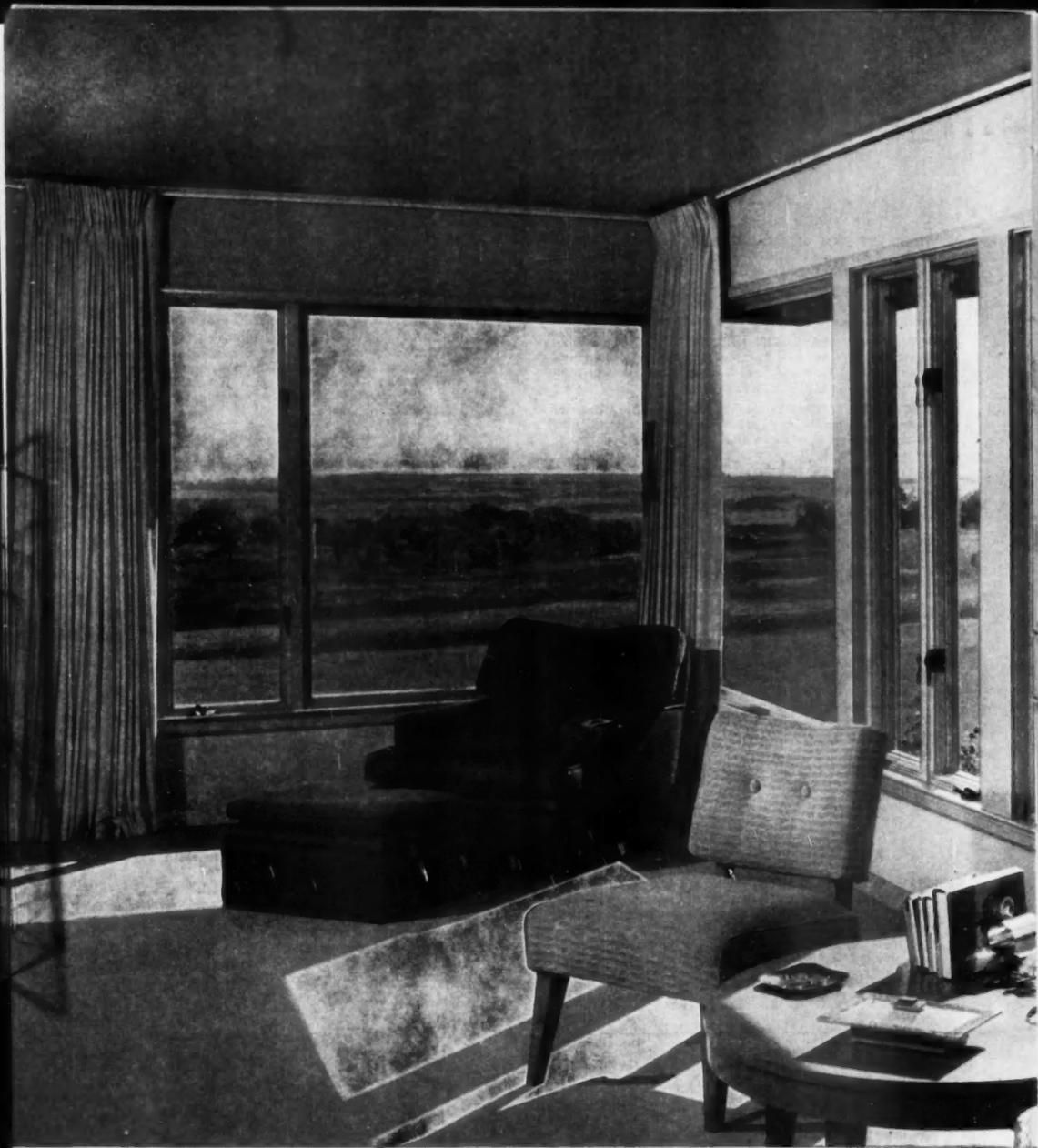
Address .....

City ..... Zone ..... State ..... A. B. 3-51

*This Book FREE*  
with your order

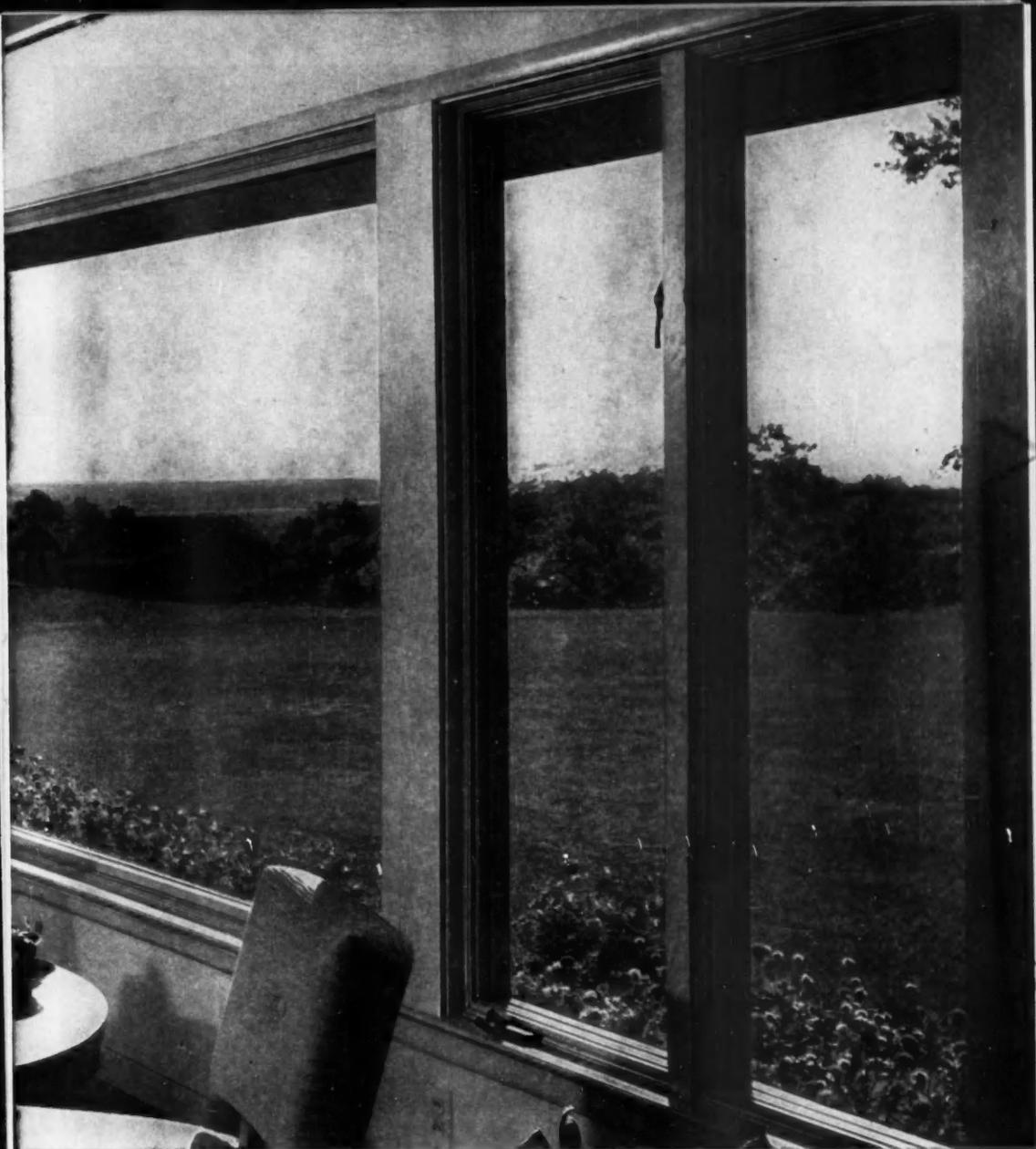


**36 MODERN METHODS OF HOME HEATING.** Standard heating systems illustrated with 17 floor plans showing heating outlets, 40 photos of equipment and installations, 23 boiler and piping connection diagrams, and 11 heat loss calculating tables. \$5.00. Your copy sent FREE if your Order totals \$5.00 or more. Use coupon at left—mail today.



Beautiful wood construction gives depth of shadowing to these WINDOWALLS. Long & Thorshov, Inc., Architects

ANDERSEN  
*Windowalls*<sup>\*</sup>  
COMPLETE WOOD WINDOW UNITS



**BRIGHT WALLS** of Andersen Casement and Picture Window Units endow this home with all the spaciousness of its country hilltop site.

WINDOWALLS admit plenty of fresh air and sunshine along with the view, yet they seal out unpleasant weather like a wall. Efficient both as wall

and window, they are the most satisfactory answer to the demand for large window areas.

See your local millwork dealer or write us for details and further information. Detail Catalog of Andersen WINDOWALLS is in Sweet's Builders' File.

\*TRADEMARK OF ANDERSEN CORPORATION

*Andersen Corporation* BAYPORT • MINNESOTA

# Now Available! Prize-Winning Designs For Plywood Built-Ins From NAHB-FORUM Competition

JUST PUBLISHED! A portfolio of designs awarded top honors by a jury of nationally-known architects in the Special Awards Competition for Plywood Built-In Features conducted within the \$57,000 NAHB-ARCHITECTURAL FORUM House Design Competition. Contains reproduction of all prize-winning designs for built-ins chosen from the 2,727 competition entries. Designs include plywood storage walls, demountable closers, breakfast bar partitions and many others. This idea-starting portfolio is a "must have" for every architect, designer and builder interested in adding convenience, livability and extra sales-appeal to today's home. Mail coupon today!



DOUGLAS FIR PLYWOOD ASSOCIATION  
Tacoma 2, Washington (Good in USA Only)

Please send me a free copy of the Plywood Built-Ins Design Portfolio.

Name .....

Firm .....

Address .....

City.....Zone.....State.....

**IMPORTANT TO BUILDERS**  
**be sure your new equipment**  
**is built to last!**

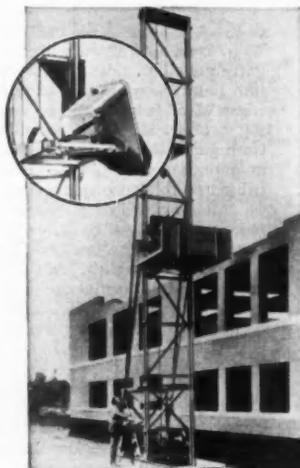


Strategic materials are fast being earmarked for defense. It means fewer new machines, more dependence upon the machines you have. *Definitely*, when you buy any machine today, buy for *durability* as well as efficiency. It may have to serve a long time!

**Concrete Mixers**—Sturdiest of small tilters is the Jaeger 3½-S with patented V-bottom drum. Fast to hitch, tow and spot, fast loading and discharging. And rugged—heavy semi-steel drum bowl and ring gear, Timken bearings on drum shaft and wheels, solid steel drum lip, tough Wisconsin AKN engine, oil-bath transmission, are typical. Then, Jaeger 6-S, 11-S and 16-S Mixers, with power loading skips and drums that give famous Jaeger

criss-cross mixing. Their drums have heavy, integrally welded, machined steel tracks that ride on chilled-iron car-wheel type rollers—each roller with 2 Timken bearings. Engines are big enough to do their jobs easily and economically, big Twin-Disc clutches ease sudden loads on engines and transmissions. Structural steel frames and excellent stability mean minimum vibration and wear. All are described in Catalog M-10.

**Self-Raising Tower**—Always a money maker—even more valuable as wooden tower materials become scarce and costlier. Goes to your jobs on a truck. Assembles on the ground in 2 hours. Raises itself by means of its 17-hp hoist. Lifts 1-ton loads to 61½ feet on platform or in concrete bucket (interchangeable). Saves erecting time and constant loss of materials for wooden towers, ladders, scaffolding. Places materials faster, safer. Eliminates hodders. Moves about the job on its skid base. Write for bulletin HS-0.



**Bantam Aluminum Pump**—Weighs 60 pounds, pumps 5100 gph. Primes unfailingly. Also made in semi-steel. Gasoline engine or electric motor driven. Other pumps from 7,000 to 240,000 gph. Write for Catalog P-10.



**Jaeger "New Standard" Compressors**—Deliver more air—75 cfm instead of 60, 125 cfm instead of 105—keep tools working at steady full pressure. Tools hit harder and faster, do 30% to 40% more work. Get the full story. Write for Catalog JC-1.



**Plaster-Mortar Mixer**—Keeps crews stepping with better mixed, higher strength material that lays up faster. Saves waste and time. Fast tilt-type discharge. Rugged throughout. Bulletin PM-50 tells all about it.



## THE JAEGER MACHINE COMPANY

521 Dublin Ave., Columbus 16, Ohio

• Distributors in 130 Cities of the U.S. and Canada

**ANNOUNCING**

# M-67

## A NEW PLASTIC FINISH FOR ARMSTRONG'S De Luxe MONOWALL

After 10 years of research, a new finish known as "M-67" has been perfected for use on Armstrong's De Luxe Monowall®. It makes Monowall more lustrous and far more durable than ever before—will make it easier than ever to sell.

### What is M-67?

M-67 is an entirely new kind of plastic finish with extremely high gloss, durability, and beauty. Unlike paint, lacquer, and ordinary "baked-on" finishes, M-67 is hardened by a special manufacturing process that requires absolute precision in timing and temperature control. M-67 is almost as smooth as plate glass. This new finish has been subjected to rigorous laboratory tests, along with 16 other brands of panelboard—tests for gloss, fading, resistance to solvents, moisture, stains, abrasion, temperature changes, and many more (see photos at right). Almost every condition of normal and abnormal use was simulated in these tests. Armstrong's De Luxe Monowall rated higher than any other material—much higher than the average for all 16 materials tested.

### New production equipment

To produce M-67, entirely new plant equipment was required. Production of the new Monowall is now almost completely automatic, with precise controls carefully guarding quality at every step of the manufacturing process.

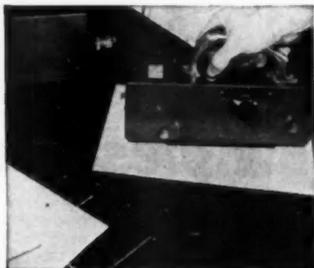
### A new package

Packaging of the larger sizes of Armstrong's De Luxe Monowall has also been greatly improved. (See photo at right.) There are fewer panels per package, so you can buy in full cartons, saving time, handling cost, and service charges. Pack-

ages contain just enough material for the typical job. They're lighter in weight, easier to handle, and better protected against damage. Panels are banded together face-to-face with metal tape. Rigid steel channels protect the edges of the material. Outer panels are clearly labeled and trademarked for quick warehouse identification.

The new Armstrong's De Luxe Monowall offers you a great new profit opportunity. Get full information about it. Contact your Armstrong lumber dealer today or write directly to Armstrong Cork Company, 1604 Lincoln Street, Lancaster, Pennsylvania.





**Glass test.** This Glassmeter registers the amount of light a surface will reflect. Test samples of panelboard are compared with the glass of plate glass. Monowall's M-67 finish rates 93%. This high gloss means extra beauty and greater ease of cleaning.



**Fadeometer test.** 100 hours in this "sun-light" machine equals 12 years of direct exposure to the sun. The Fadeometer test is used to determine amount of color change. The samples of Armstrong's Monowall showed no visible change in color.



**Impact abrasion test.** Panelboard test samples are placed in revolving drums containing heavy metal slugs which continually beat against the finish of the samples. The new Monowall finish received the highest rating obtainable in this test.



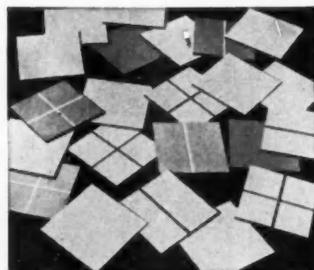
**Wet abrasion test.** This "mechanical housewife" simulates many years of washing to show the effects of abrasive cleaning powders on panelboard finishes. The new M-67 plastic finish of Armstrong's Monowall was unexcelled in this practical scrubbing test.



**Soap bath test.** Simulates extreme conditions in tub, shower, and sink areas. Samples are immersed for long periods in an agitated solution of hot, soapy water, then dried and tested. Monowall's M-67 plastic finish again received the top rating.



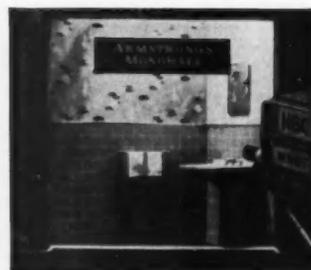
**Stain test.** This test shows the resistance of panelboards to common household stains, such as ammonia, bacon grease, ink, and vinegar. Stain drops are dried for an hour, then cleaned off. Samples of the new Monowall resisted these and other stains.



**Colors and designs.** The new Monowall offers 27 different color and design combinations all styled by color experts to match the up-to-date decorating tastes of your customers. Monowall colors are carefully chosen for harmonious use together.



**New Monowall package.** Larger sizes are pocketed face-to-face with tissue dividers; panels are held firmly together with steel channels and metal bands. Packages contain only half as many pieces as before. Now you can buy and sell full packages.



**Advertising helps.** Now, the powerful new force of television is selling Monowall on Armstrong's Circle Theatre-NBC-TV. National magazine advertising, new displays, booklets, and other advertising helps are all behind the new Armstrong's Monowall.

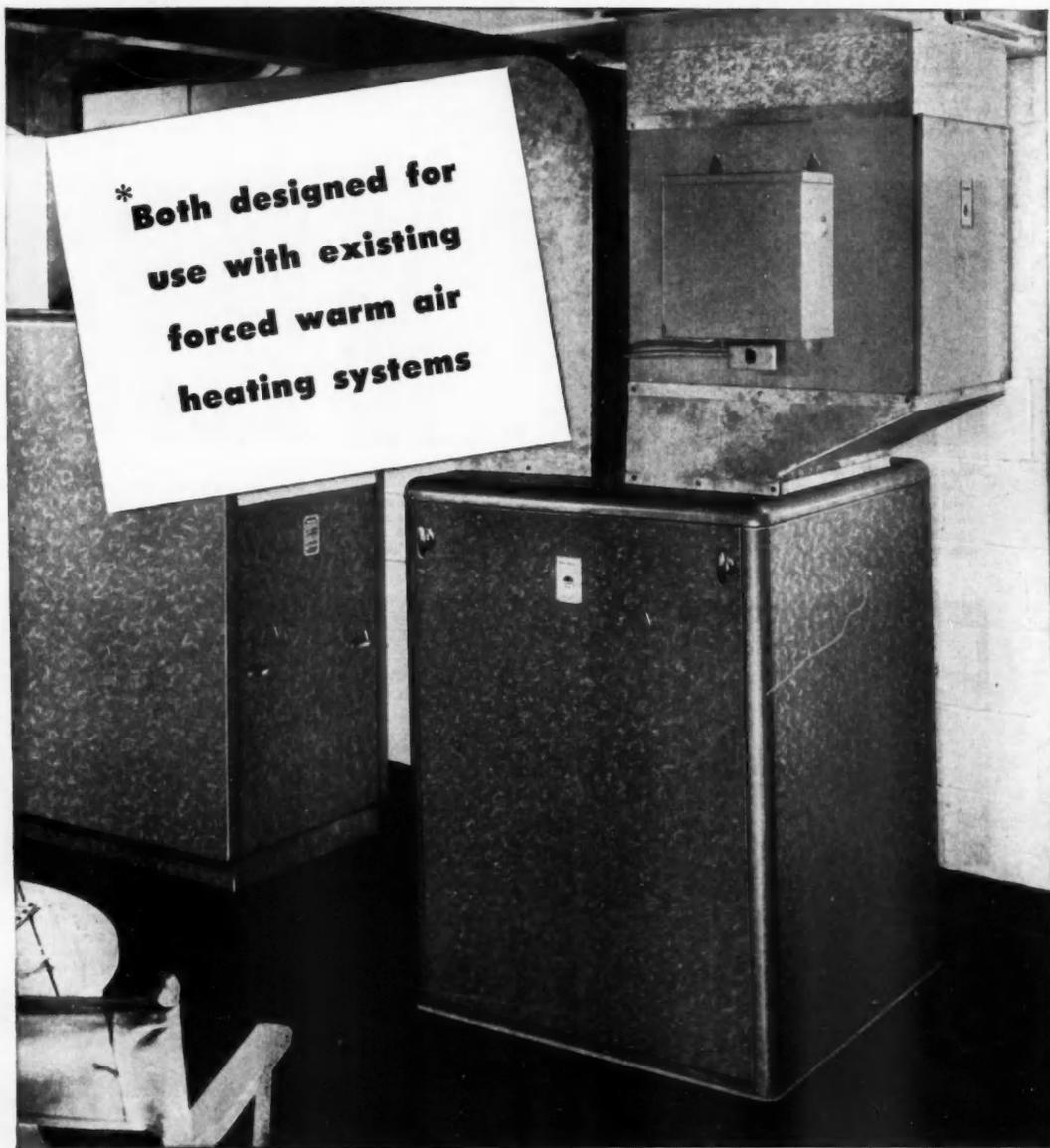
# Armstrong's Monowall

*For homes that are cool in summer . . .*

*cleaner and more healthful the year 'round*

# **AMERICAN-Standard** now presents

**\* Both designed for  
use with existing  
forced warm air  
heating systems**



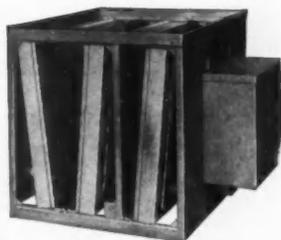
## two sensational new products

### THE MAGNE-FILTER AIR CLEANER



### THE MAYFAIR SUMMER AIR CONDITIONER

Designed for easy installation in *any* winter or summer air conditioning system, the new Magne-filter Air Cleaner is a dry type electronic air filter that traps even the smallest dirt particles. Automatically cleaning the air by electrical attraction, the Magne-filter effectively removes pollen, air-borne bacteria, dust, and smoke. The Magne-filter is designed to be installed in the return duct of the air conditioning system, and can be installed on its side in limited space applications.



Here is the newest in summer air conditioning for small and medium homes. The new Mayfair Summer Air Conditioner connects to the duct work of existing forced warm air heating systems. Handily controlled by a switch,

it mechanically cools and dehumidifies the air. And because it has a hermetically sealed, factory-tested cooling system, the Mayfair is as simple in operation as a modern refrigerator! When installed with an American-Standard warm air heating unit, the Mayfair provides year 'round residential air conditioning at its best.



For free literature on these two new products, contact the American-Standard sales office serving you or write to American Radiator & Standard Sanitary Corporation, P. O. Box 1226, Pittsburgh 30, Pa.

# AMERICAN-Standard

First in heating . . . first in plumbing

Serving home and industry: AMERICAN-STANDARD • AMERICAN BLOWER • CHURCH SEATS • DETROIT LUBRICATOR • KEWANEE BOILERS • ROSS HEATER • TONAWANDA IRON

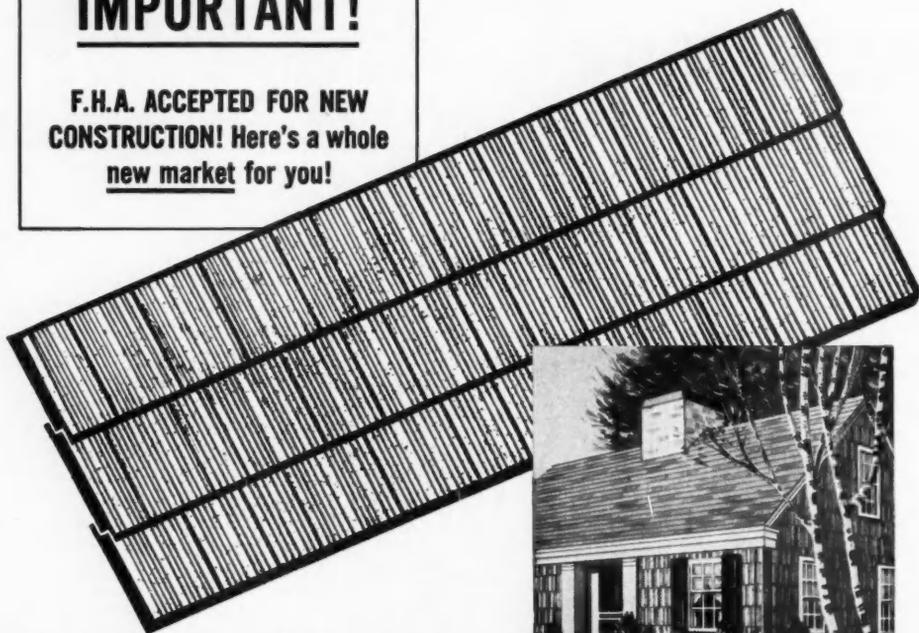
Here's the Sales hit of '51

**NEW**

## **BIRD Narrow Shake Insulating Siding**

**IMPORTANT!**

**F.H.A. ACCEPTED FOR NEW  
CONSTRUCTION! Here's a whole  
new market for you!**



These distinctive features spell extra profits and increased sales for you:

- ★ Perfectly proportioned... Bird 11" Shake is handsome and authentic.
- ★ *Bird Narrow Shake Insulating Siding is F. H. A. accepted for new construction!*
- ★ Over-Lap method of application gives added insulation!
- ★ Choice of several attractive and suitable colors.
- ★ Ask your distributor, Bird salesman, or write us for details. Bird & Son, inc., Dept. AB-4, East Walpole, Massachusetts.

East Walpole  
Massachusetts

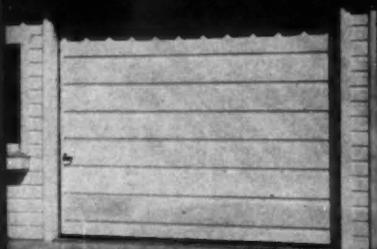


New York, New York  
Chicago, Illinois



# STRAND

*4 types*



**LIFETIME DURABILITY**—Steel Sheets, milled to uniform specifications, are welded together into a one-piece door leaf—with no bolts, screws, rivets or stitches to become loose.

Grooved steel sheets welded to a deep steel frame form a rigid "box" unit—the kind of structure used for strength in bridges. Heavy, diagonal steel braces welded to a sturdy frame prevent sagging and weaving. Strand Doors stay plumb and square, operate easily, for a lifetime. Steel stands up under shipping and handling—and won't warp, shrink, rot or splinter.

Strand Garage Doors are *galvannealed*—galvanized with a heavy zinc coat for lasting rust protection, oven-baked to provide a clinging base for paint to match the garage. No priming coat is needed.

**QUICKER INSTALLATION**—Dependable springs and complete hardware including bolts, screws, handle, strong lock and 2 keys come in a single handy package (plus track in the case of the receding door). Everything comes ready to install; nothing more to buy. Hardware serves as installation templet on jambs, saving much time. Instruction sheet comes with door—handy man with simple tools can install.

**BIGGER VALUE!**—Strand's lower first cost results from standardization on four models—and big volume production concentrated in one plant. Order Strand Doors now from your dealer, or mail the coupon if you need more information.

STRAND GARAGE DOOR DIVISION  
Detroit Steel Products Company  
Dept. AB-4 2262 E. Grand Blvd.  
Detroit 11, Michigan

Please rush detailed description of Strand all-steel Garage Doors for 9' x 7', 8' x 7', and 16' x 7' garage openings. I am a

Builder  Dealer  Prospective Owner  Other

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_



# Think

## ABOUT MANPOWER!

★ With today's shift of emphasis from civilian to defense needs, the manpower factor becomes increasingly important in home construction.

Even though your construction crews may be cut in half, you can build Gunnison Homes in *half the time*, without the headaches and uncertainties of conventional building! Gunnison's standardized modular construction plan is designed for simplicity, ease and speed in erection. Skilled labor required and total man-hours at the building site are cut to an absolute minimum!

For further information, write Dept. A-12,  
Gunnison Homes, Inc., New Albany, Ind.



Manufacturers  
of Gunnison  
Coronado and CHAMPION Homes . . .



# Gunnison Homes, Inc.

UNITED STATES STEEL  CORPORATION SUBSIDIARY  
NEW ALBANY, INDIANA

"Gunnison," "Coronado" and "Champion"—T.M. Gunnison Homes, Inc.

AMERICAN BUILDER

Notice how  
**Pittsburgh  
Steeltex**  
builds a veneer  
wall into a  
single solid  
unit

You'll find that replacing standard sheathing with Pittsburgh Steeltex will give you the basic advantages of masonry veneer construction without including its disadvantages. The strong welded steel mesh bites into the continuous mortar bond behind the brick or stone veneer—thus providing greater mutual resistance against later settling and distortion. Furthermore, fire resistance is considerably increased due to the elimination of flue action normally found between masonry and sheathing. For further good reasons to specify Steeltex, see our catalog in Sweet's or write for our catalog D.S. 132, Dept. AB, Pittsburgh Steel Products Company, Grant Building, Pittsburgh 30, Pa.

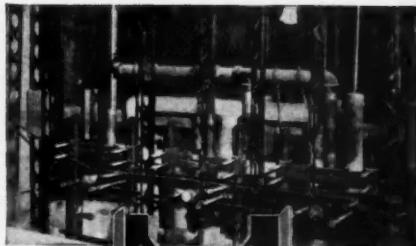
**Pittsburgh Steel Products Company**

*A Subsidiary of Pittsburgh Steel Company*





California State Capitol Annex — Swinerton and Walberg, Contractors. (Right) Milcor Steel Studs in place, ready for utility piping and wiring. (below) Piping installed — quickly and easily because of pre-determined location through 6" openings in Milcor Steel Studs.



Milcor Stud Shoes provide quick, easy means of attaching Stud to ceiling or floor runners.



# MILCOR\*

## Steel Studs Speed Construction

### *of California State Capitol Annex*

Contractors partition 8¾ acres of floor space in record time to help meet 376-day schedule

DESPITE the unique design features of the Capitol Annex building (all assembly rooms are designed as theaters) the design features of Milcor Steel Studs enabled the contractor to meet his tight completion schedule.

Milcor Steel Studs offer these construction advantages:

- ✓ They are the backbone of the complete Milcor firesafe construction system.
- ✓ Walls of Milcor studs can be erected safely and economically to varying heights.
- ✓ All utility piping and wiring can be installed immediately after studs are set in place without expensive cutting and fitting — other trades can work at the same time.
- ✓ Milcor studs are quickly cut to length on job — practically no clean-up expense afterwards.
- ✓ They are firesafe — 1 to 2½ hour fire-rating; resist shock of earthquakes and explosions, too.
- ✓ They eliminate the principal causes of plaster cracking — cannot warp, swell, or split.

Their speed and simplicity of erection plus their light weight and strength makes Milcor Steel Studs a favorite with builders. Write for complete information.

\*Reg. U. S. Pat. Off.

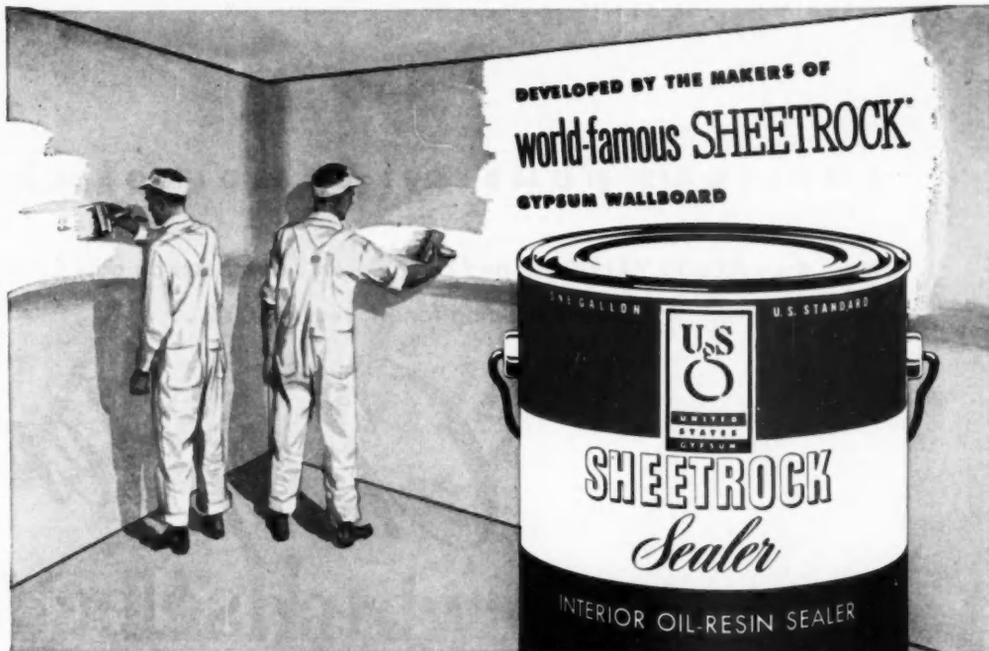
P-362

## INLAND STEEL PRODUCTS COMPANY

Formerly Milcor Steel Company

4025 West Burnham Street • Milwaukee 1, Wisconsin  
 Baltimore 24, Md. • Buffalo 11, N. Y. • Chicago 9, Ill. • Cincinnati 25, Ohio  
 Cleveland 14, Ohio • Detroit 2, Mich. • Kansas City 8, Mo. • Los Angeles 58, Calif.  
 New York 22, N. Y. • Rochester 9, N. Y. • St. Louis 10, Mo.

4107 West Burnham Street • Milwaukee 1, Wisconsin



DEVELOPED BY THE MAKERS OF  
**world-famous SHEETROCK®**  
 GYPSUM WALLBOARD

HERE'S THE ONE SURE WAY TO

**prepare** any gypsum wallboard for  
any spirit-thinned paint, enamel or wallpaper

Why take chances and then hope for the best?  
 Now—you can prepare gypsum wallboard interiors for oil stipples, enamels, any other spirit-thinned paints, or wallpaper—and help insure fine decorating jobs. Just use SHEETROCK Sealer, it's . . .

**BETTER . . . SURER . . . 6 WAYS!**

- |                          |                     |
|--------------------------|---------------------|
| 1. Lays face paper nap   | 4. Controls suction |
| 2. Seals off impurities  | 5. Highly pigmented |
| 3. Easy and ready to use | 6. Provides "tooth" |

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



**United States Gypsum**

**For Building • For Industry**

Paints • Primers • Spackling Putty • Patching Plasters • Textures



**TRY IT FREE!**

United States Gypsum Company  
 300 West Adams Street, Dept. 144-B, Chicago 6, Ill.

I'm anxious to try SHEETROCK Sealer. Please send FREE quart can right away!

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Occupation \_\_\_\_\_  
 Firm \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_

**AMERICA'S NUMBER 1 BUILDINGS USE**

*More than 10,000 YALE locks and door closers have been on duty in this famous building for 21 years. NOW...*

# *Chrysler* selects

New Chrysler Building East  
Reinhard, Hofmeister & Walquist, N. Y., Architects  
Turner Construction Co., N. Y., Gen'l Contractor  
Elmer T. Hebert, Inc., N. Y., Hardware Supplier

TRADE **YALE** MARK

AMERICA'S NUMBER 1 HARDWARE

# Building EAST

## YALE hardware

YALE builders' hardware wins the specification on another important job—the new Chrysler Building *East!*

But only after passing the toughest test of all—*actual service* (21 years of it)—in the original Chrysler Building, one of America's biggest and busiest.

During this "trial" more than 10,000 YALE locksets and door closers demonstrated again and again the qualities that make YALE famous—paid such steady dividends in convenience, security and maintenance-free operation that the choice of YALE for the new Chrysler Building *East* was almost automatic.

Here's real evidence that YALE builders' hardware produces long-run satisfaction—satisfaction that you can easily specify. Let your YALE hardware distributor or consultant help you on the next building you plan. For specific information on any hardware problem, just write us, Dept. S-44 at the address below.



### A FULL-TIME "DOORMAN" AT EVERY DOOR!

For a beautiful, modern building; beautiful, modern door closers—the new, streamlined YALE COMPACT DOOR CLOSERS. Modern in engineering as well as appearance. Quick, quiet, and firm in action. Easily reversible, installed in minutes. Built for a lifetime of efficient service with practically no upkeep.

THE SIGN OF A  
FINE BUILDING

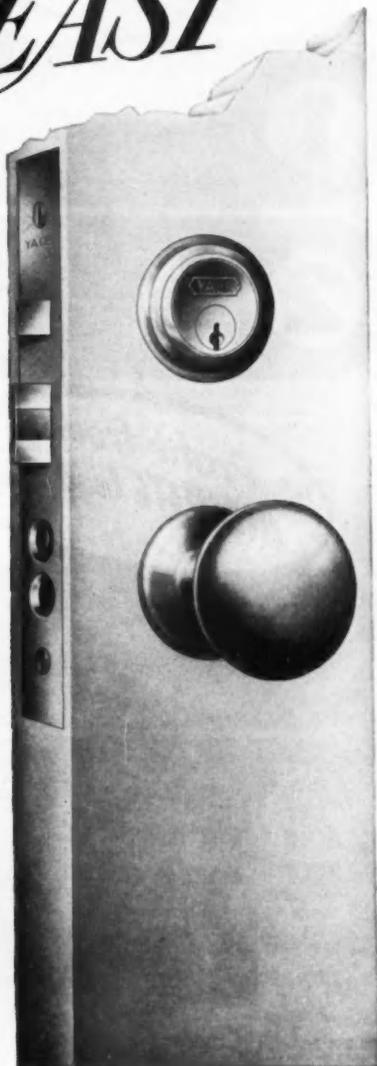
YALE 8656. Gives excellent security for doors opening inward or outward because of small latch which deadlocks latchbolt. Bronze front and bolts. Annealed gray iron case. Key changes practically unlimited.

THE YALE & TOWNE MANUFACTURING COMPANY

Stamford, Conn. (In Canada, St. Catharines, Ont.)

APRIL 1951

121



# Build Right with

QUALITY PRODUCTS TO HELP YOU

Cut your Costs  
with **INSULITE**

1

2

Profit from  
**INSULITE** Leadership

1

2



Made of Hardy Northern Woods

INSULITE DIVISION • MINNESOTA AND ONTARIO PAPER COMPANY  
MINNEAPOLIS 2, MINNESOTA



## INSULITE Structural Boards

**BILDRIE SHEATHING**—the leading wall sheathing for frame construction. Used in combination with wood siding, shingles, stucco or brick veneer. Economical—goes up fast; practically no waste; no building paper needed; with 4-foot widths no corner bracing required by FHA.

Bildrie is integrally treated throughout with asphalt by the exclusive Graylite process. That means maximum moisture protection, yet free passage of vapor. Large Board: Thickness:  $\frac{3}{4}$ ". Sizes: 4' x 8', 9', 10', and 12'. Square edges.

V-Joint Board: Thickness:  $\frac{5}{8}$ ". Size: 2' x 8'; V-Joint on long edges.

**GRAYLITE LOK-JOINT LATH**—a highly efficient plaster base that combines plus features of insulation and sound deadening—also a thorough vapor barrier when Sealed Lok-Joint Lath is used. Made from genuine asphalt-treated Graylite board, this is the only plaster base with the famous "Lok-Joint" that provides a firm, even base with no snap-back under trowel pressure.

Sealed Lok-Joint Lath has a continuous asphalt vapor barrier coating on back side of  $\frac{1}{2}$ " and  $\frac{3}{4}$ " thicknesses and between the two layers of 1" thickness. Thicknesses:  $\frac{1}{2}$ ",  $\frac{3}{4}$ ", 1". Size: 18" x 48".

Unsealed Lok-Joint Lath has no vapor barrier. Thickness:  $\frac{1}{2}$ ". Size: 18" x 48".

**SHINGLE-BACKER**—provides a firm, even undercourse for shingled sidewalls. Faster and easier to apply. Shingle-Backer adds new beauty at the shadow lines. Made from waterproofed Graylite for dependable durability. Length: 48". Two widths: 13 $\frac{1}{2}$ " for 16" shingles; 15 $\frac{1}{2}$ " for 18" shingles.

**GRAYLITE BUILDING BOARD**—the all-purpose insulating board, long acknowledged for superior moisture resistance, strength and durability... asphalt treated throughout. Graylite is made to take it. And performance on thousands of jobs proves it! Thicknesses:  $\frac{1}{2}$ ",  $\frac{3}{4}$ ", 1". Sizes: 4' x 6', 7', 8', 9', 10', and 12'. Square edges.

**GRAYLITE WALLBOARD**—a utility product identical with Graylite Building Board; made in the same sizes but  $\frac{1}{2}$ " thickness.

**PRIMED GRAYLITE BUILDING BOARD**—has a prime coating factory applied on the linen textured surface of regular Graylite Building Board. Standard oil paints can be readily applied, and for many purposes a single coat is all that is needed. Thicknesses:  $\frac{1}{2}$ ",  $\frac{3}{4}$ ". Sizes: 4' x 6', 7', 8', 9', 10' and 12'. Square edges.

**INS-LITE BUILDING BOARD**—comes in the light color of natural wood. Same thicknesses and sizes as Graylite Building Board.

# Leadership in Chicago



BUILDERS PREFER

## INSULITE\* 2 to 1

over the next leading brand of insulating sheathing

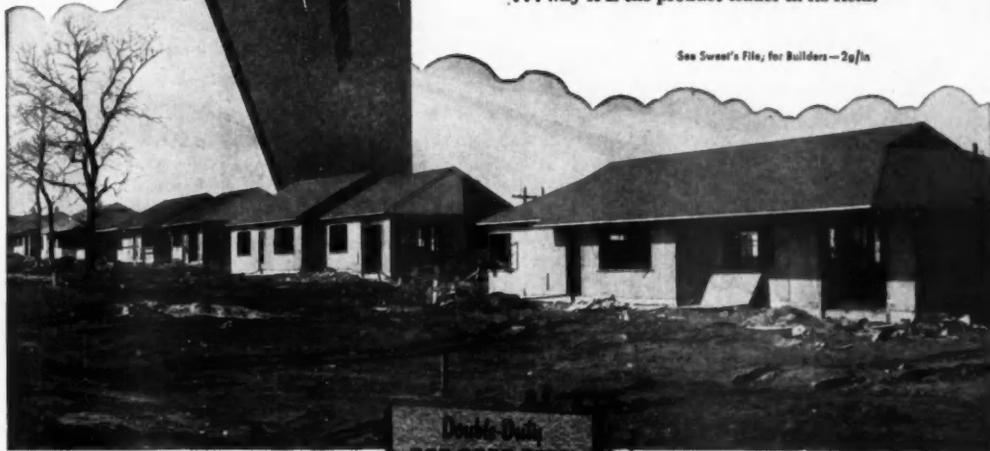
WHEN a building materials product is preferred by a majority of contractors, that means something. But when a recent survey showed Chicago contractors preferring INSULITE BILDRITE SHEATHING 2 to 1 over the next leading brand of insulating sheathing — and as many contractors preferred BILDRITE as all other brands of insulating sheathing combined — that means *product leadership!*

Listen to what these Chicago builders had to say: "BILDRITE stands up best" . . . "BILDRITE is the toughest of them all" . . . "More rigid" . . . "Best for structural and insulation qualities." And remember, you don't need corner bracing with 4' BILDRITE.

### BIG PROFITS FOR BUILDERS!

And Chicago is no exception . . . INSULITE's tremendous acceptance *everywhere*, is bringing greater profits to builders throughout the country. If you're not already using BILDRITE SHEATHING, see your INSULITE dealer and try it on your next job . . . Find out for yourself why BILDRITE is the *best* insulating sheathing . . . how it will increase your profits by saving you money, time and labor . . . why it is the product-leader in its field.

See Sweets' File, for Builders—26/jn



INSULITE DIVISION  
MINNESOTA AND ONTARIO PAPER COMPANY



MINNEAPOLIS 2, MINNESOTA

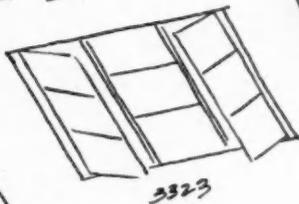
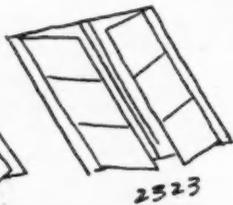
Made of Hardy Northern Woods

4-51

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



*suggested Ceco casements for the kitchen*



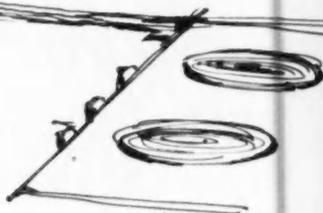
**CECO  
STEEL**

*In construction products* **CECO ENGINEERING**



## how to make a KITCHEN

*Cool as a cucumber*



If you query a housewife about her kitchen, here's one thing she'll tell you:

"It must be a pleasant place to work."

And, right off, she'll say it must be cool—torrid temperatures will not be tolerated in her "workshop."

So, give her a kitchen that's as cool as a cucumber. Use Ceco Steel Casements, specially engineered, with ventilators that literally reach out and scoop in stirring fresh air . . . that provide magic circulation . . . clear out cooking odors . . . bathing the inside with cooling, cooling breezes . . . a welcome, welcome relief.

She'll like the added view she gets through these handsome window creations. She'll be ever so grateful because they won't stick or warp—are easy to wash—add beauty to a room in which she spends so much time.

And remember, when you build with Ceco Casements, you know you've used the very best . . . you're sure of economy too. Send for free booklet detailing window designs for the kitchen and every room in the house.

### CECO STEEL PRODUCTS CORPORATION

General Offices: 5601 West 26th Street, Chicago 50, Illinois

Offices, warehouses and fabricating plants in principal cities

#### FREE Window Design Booklet

Ceco Steel Products Corp.,  
5601 W. 26th St., Chicago 50, Ill.

Rush me a free book on window design titled "New Beauty in Steel Casements."  
AD

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

Zone \_\_\_\_\_

State \_\_\_\_\_

*makes the big difference*





Place *Your homes* in the  
 Deluxe Class with **AllianceWare**  
 in gleaming white or decorators' colors

● A beautiful bathroom like this with an AllianceWare tub and an AllianceWare wall-hung, shelf-back lavatory places even the most modest home in a class with the finest.

You can plan such bathrooms when you select AllianceWare. AllianceWare comes in color as well as white—color that is stainproof and as easy to clean as a china dish—color that has a lifetime of beauty in its smooth lustrous surface.

AllianceWare is not as expensive as you might think, because AllianceWare is made from heavy gauge steel instead of cast iron. The modern methods of manufacturing AllianceWare produce a superior

product with more efficient use of materials, resulting in more moderate manufacturing costs and greater value. AllianceWare in color is only 10% more than white. Most colored fixtures cost much more. With AllianceWare, you select the brass goods of your choice. And there is only one quality of AllianceWare—the finest we know how to produce.

Your plumbing contractor can give you complete details of AllianceWare. Or, write us.

**ALLIANCEWARE, INC.** • Alliance, Ohio  
*Bathtubs • Lavatories • Sinks*

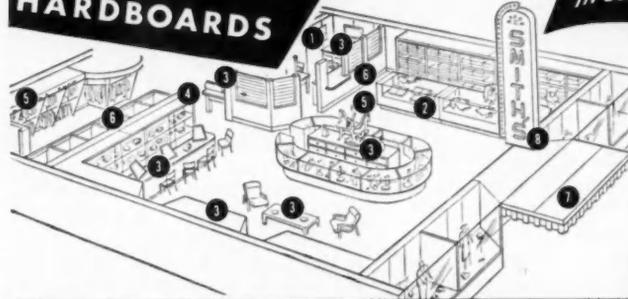
**AllianceWare**  
PRODUCTS OF



## IN THE HOME

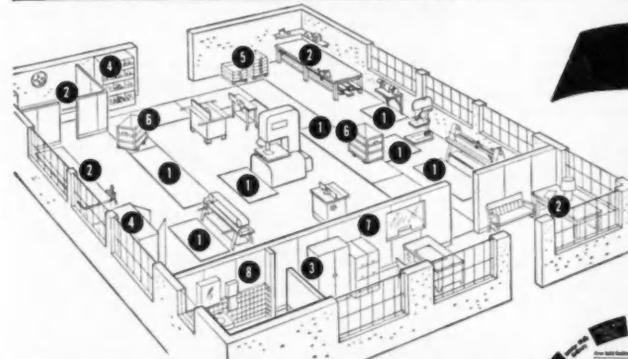
1. Interior walls and ceilings—Standard or Tempered Presdwood, Panelwood.
2. Storage cabinets—Standard Presdwood ends and backs—Tempered Presdwood doors.
3. Kitchen counter tops—Tempered or Black Tempered Presdwood.
4. Snack bar top—Tempered or Black Tempered Presdwood.
5. Kitchen, bathroom and laundry walls—Temprtile, Tempered Presdwood.
6. Bookcases—Standard or Tempered Presdwood.
7. Recreation room walls and counter fronts—Leatherwood, Standard or Tempered Presdwood.
8. Wainscot—Tempered Presdwood, Temprtile, Leatherwood.

## All Over Town... BIG MARKETS for MASONITE HARDBOARDS



## IN COMMERCIAL BUILDINGS

1. Interior walls and ceilings—Standard or Tempered Presdwood, Panelwood.
2. Counter fronts—Tempered or Black Tempered Presdwood, Leatherwood.
3. Counter and table tops—Tempered or Black Tempered Presdwood, Leatherwood.
4. Case ends and backs—Standard Presdwood, Panelwood.
5. Displays—Standard or Tempered Presdwood, Leatherwood.
6. Fittings booths—Leatherwood, Standard or Tempered Presdwood, Panelwood.
7. Marquee—Tempered Presdwood.
8. Exterior signs—Tempered Presdwood.



## IN THE FACTORY

1. Aisle runners and mats—Tempered Presdwood.
2. Bench and table tops—Tempered Presdwood.
3. Cabinets—backs and sides—Standard Presdwood; fronts and doors—Tempered Presdwood.
4. Bins and chutes—Tempered Presdwood.
5. Pallets and trays—Tempered Presdwood.
6. Tote trucks—Tempered Presdwood.
7. Partitions—Standard or Tempered Presdwood, Panelwood.
8. Washroom walls—Temprtile, Tempered Presdwood.

**MASONITE**<sup>®</sup>



**CORPORATION**

"Masonite" signifies that Masonite Corporation is the source of the product.  
"Presdwood," "Temprtile," "Panelwood" are Registered Trade-Marks

**There are 19 types and thicknesses of Masonite Hardboards for a thousand uses**



**FREE!** This handy revolving dial shows you exactly what types and thicknesses of Masonite hardboards to use for various kinds of construction. Send for one today!

**Masonite Corporation**  
P. O. Box 777  
Chicago 90, Illinois



For Water-Repellent Construction

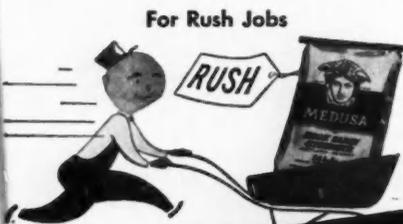
The trend is toward  
**MEDUSA  
CEMENTS**



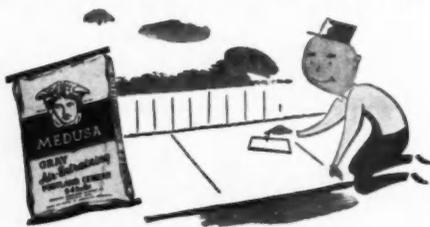
The Finest Mortar Work



For Finest Stucco, Terrazzo, White Concrete



For Rush Jobs



Sidewalks, Driveways and Roads

...and  
**MEDUSA  
PAINTS**



REG. U.S.  
PAT. OFF.



Concrete, Masonry, Stucco  
inside or outside

Concrete Floors

**MEDUSA PORTLAND CEMENT COMPANY**

1000 Midland Bldg.  
Cleveland 15, Ohio

1844 Oliver Bldg.  
Pittsburgh 22, Pa.

228 N. LaSalle St.  
Chicago 1, Ill.

1309 Toledo Trust Bldg.  
Toledo, Ohio

135 W. Wells St.  
Milwaukee 3, Wis.

230 Park Avenue,  
New York 17, N.Y.

25 N. George St.  
York, Pa.

# PRIZE WINNING HOUSE PLANS

NAHB  
forum

house design competition

SPECIAL KITCHEN PLANNING AWARDS

 *Youngstown Kitchens*

MULLINS MANUFACTURING CORPORATION • WARREN, OHIO

## FREE BOOKLET OF 13 PRIZE WINNING HOUSE AND KITCHEN PLANS!

Every architect and builder will want to see these ingenious, efficient, low-cost ideas awarded top honors by the Technical Jury of the NAHB-FORUM House Design Competition.

THIS BOOKLET is sure to spark new ideas for you . . . combine with ideas you've had for smarter living, better design . . . point up economies in space and materials.

Here are the finest in a tremendous field of entries, in the judgment of a highly qualified jury . . . combined in a single, file-size brochure for your convenience by Youngstown Kitchens—and offered to you free! Clever integration of kitchen, utility, eating and living areas; intelligent use of durable steel kitchen equipment; blending of textures—woods, white-enameled steel, windows, textiles; every factor in good kitchen planning for new home or old is ingeniously reflected in these prize-winning plans. Send for your copy now!

### CONGRATULATIONS

To the NAHB-FORUM House Design Competition (Kitchen) Planning winners whose excellent plans are included in free brochure:

FIRST PRIZE: James M. Chase

SECOND PRIZE: Fred C. Nagel

THIRD PRIZE: Lawrence G. Evanoff

FOURTH PRIZE: Guy G. Rothenstein,  
Arthur Hinden.

#### HONORABLE MENTIONS:

J. P. Ligonnét • Eric R. Bancroft  
Ching C. Cheng • Edward D. Dart  
George Matsumoto • Kazumi Adachi  
Dike Nagano • Robert W. Blachuk  
Lucille B. Raport • Roland H. Lane  
Joseph N. Laborde • Richard B.  
Pollman • Robert A. Little & Associates  
• E. M. Hodgman • R. P.  
Madison • Chalmer Grimm, Jr.



*Youngstown Kitchens*

MULLINS MANUFACTURING CORPORATION • WARREN, OHIO

World's Largest Makers of Steel Kitchens

NO COST OR  
OBLIGATION

Send Coupon  
for FREE  
Booklet  
NOW!

Youngstown Kitchens  
Mullins Manufacturing Corporation  
Dept. AB-451, Warren, Ohio

Gentlemen: Please send me free collection of 13 prize-winning house and kitchen plans, without cost or obligation.

NAME \_\_\_\_\_ (Please Print)  
FIRM \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ ZONE \_\_\_\_\_ STATE \_\_\_\_\_

© 1951 Mullins Manufacturing Corporation



## YOU'RE IN ON THE "Ground Floor"

With an Oliver "HG" Crawler Tractor and Imp Dozer . . . the smallest crawler tractor-dozor unit . . . you get right in on the "ground floor" of any building job. You can clear the ground before excavation. You can backfill foundations *sooner* because the lightweight of the "HG" will not crack green concrete. And your operating costs are right "down to the ground," too, because the "HG" can be easily transported from job to job in a *light trailer* with a *light truck*. Your savings in hauling costs over larger tractors, to say nothing of fuel savings, will almost pay for an "HG" in a short time.

and **YOU'RE IN ON THE FINISH OF THE JOB!**



In fact, with an "HG" Imp Dozer, you're in on almost all of the job. It does a real job of leveling and landscaping. Its exceptional maneuverability lets you get into places you can't reach with a larger unit . . . you can even level garage floors. You can level and landscape right up to the edges of houses and drives. Remember, too, "HG" crawler traction lets you operate in any kind of ground condition . . . do the job faster . . . get more jobs per year.

For all the facts, see your Oliver Industrial Distributor or write The Oliver Corporation, Industrial Division, 19300 Euclid Avenue, Cleveland 17, Ohio.

## THE OLIVER CORPORATION

A complete line of Industrial Wheel and Crawler Tractors



# Why BUILD CHIMNEYS THE SLOW HARD WAY

when you can

**CUT COSTS**

**SAVE TIME**

with

accepted  
Proved **Van-Packer**  
**PACKAGED CHIMNEY**

Why hire somebody to build chimneys the expensive, old fashioned way when you can install Van-Packer yourself—saving time and money. And, your buyer gets a more efficient, longer-lasting chimney.

- You install Van-Packer at exact moment it suits you best
- Each package contains complete supplies—nothing else to buy
- Finish chimney installation in 3 hours or less
- Cut chimney cost from 20% to 30%—eliminate waiting and cleanup mess
- Accepted by FHA and national codes
- Proved fire-safe and efficient by Underwriters' Laboratories

**HOW DO I ORDER**—For exact quotation, take the H-L measurements shown in chimney diagram at left. State quantity of chimneys needed.

**WHERE DO I BUY IT**—See your lumber dealer, heating contractor or write direct to address below. You can count on prompt delivery.

**HOW DO I INSTALL IT**

Install and level chimney base in floor or ceiling. Cement sections together. —apply draw bands. Fit housing to exact roof pitch. Set rain cap. You are all done in 3 man-hours or less.

**Van-Packer**  
CORPORATION

A FEW OF THE MANY BUILDERS  
CUTTING COSTS WITH  
VAN-PACKER CHIMNEYS



Robert Bartlett Bldg. Corp.



H. B. Layne, Contractor



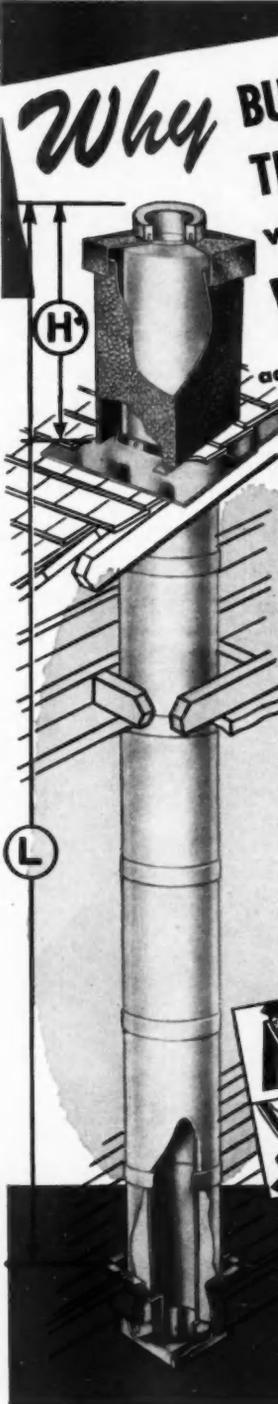
Strausman Construction Co.



Lawrence C. Pearce Co.



Private Homes, Inc.

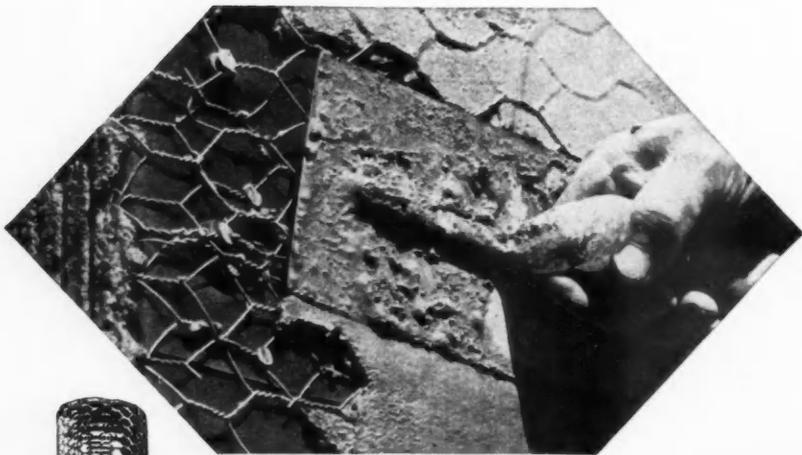




## *Eye appeal for prospects with sharp pencils*

Houses that "look like more than they cost" are a feather in the cap of any builder. And when good looks and economy are backed up by real durability, you're offering a value that can't be beat.

To do just that, more and more builders are using the Keystone System of Stucco Application. Architects are specifying it. Buyers recognize it as a real sales feature. Let us send you the facts, in the new 44-page "Keystone System" booklet today. Write Keystone Steel & Wire Company, Peoria 7, Illinois.



**KEYSTONE SYSTEM OF  
STUCCO APPLICATION  
WITH KEYMESH**



LONG SHAFT MOTOR MOUNTING

FINGER CONTROL — 90° STOP

DIRECT DRIVE — DUST

BLOWER SAFETY LOCK SWITCH

ALL BALL BEARINGS —

DUST COLLECTOR — GEAR

DRIVE — ACCENT CENTERING

DEVICE — EASY BELT REMOVAL —

AMMUNITION — "SLING SHOT

DRIVE POWER BLOW — NO

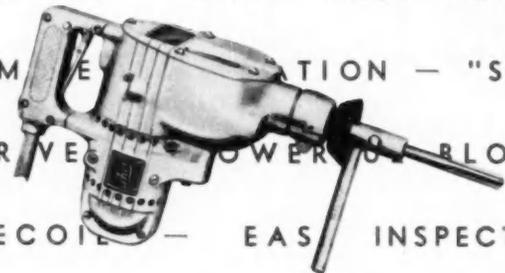
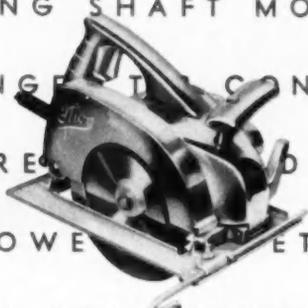
RECOIL — EASY INSPECTION — ALL

BALL BEARINGS — SHOCK-TESTED MOTORS

OVERSIZE SEALED BEARINGS

BRIDGED ARMATURE SUPPORT

DIE CAST HOUSINGS



*Silver Line*

Only  
Thor  
"Silver  
Line"  
Tools  
Offer  
So  
MANY  
Features

**ELECTRIC TOOLS**

# Silver Line

## SAWS

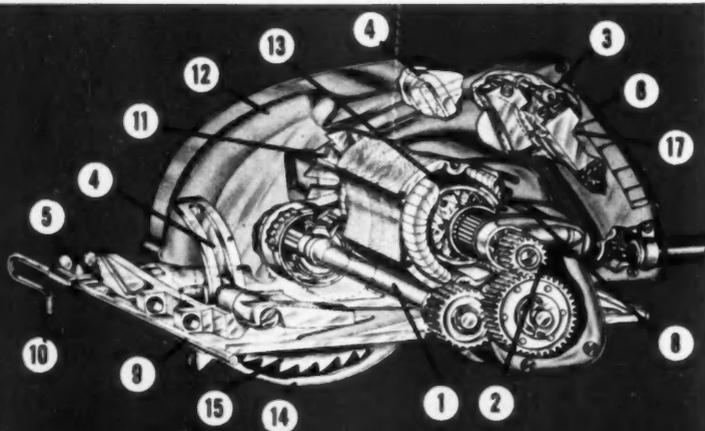


Steel Carrying Case Furnished  
With Silver Line Saws.

### SPECIFICATIONS

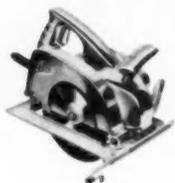
Code	T6*	T7	T8	T10	T12
Blade Size	6 1/4"	7 1/4"	8 1/4"	10"	12"
Max. Depth of Cut	2-1/32"	2 1/2"	2-15/16"	3 3/4"	4-7/16"
45° Depth of Cut	1 3/8"	1 7/8"	2-5/32"	2 3/4"	3 1/4"
Weight, Lbs.	13 1/2	17 1/4	18	35	36 1/2
Shipping Wt., Lbs.	18	34	37	60	62
Speed R.P.M.	3600	4200	4200	2750	2750

\*Furnished standard without carrying case which is available as extra charge equipment. All Silver Line Saws are equipped with one combination blade, 10-feet of 3-conductor cable with 2-prong plug and grounding wire, blade nut wrench, lubricant and steel carrying case.



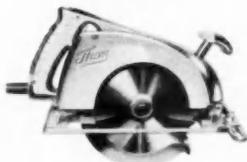
- LONG SHAFT MOTOR MOUNTING — full ball bearing support where it's needed most.
- DIRECT GEAR DRIVE—no power-wasting worm gears!
- SAFETY LOCK SWITCH Saw cannot be started accidentally.
- PROTECTED DEPTH AND BEVEL SCALES—always accurate.
- FINGER TIP ADJUSTMENT — set depth, bevel or rip guides instantly. They lock securely.
- CONVENIENT HANDLES. Natural saw-grip behind the center of gravity.
- ACCESSIBLE BRUSH HOLDERS, easy to inspect and service.
- AMPLE VENTILATION above and below commutator housing.
- WIDE SAFETY BASE—the only basis for REAL balance in a portable saw.
- UNIQUE RIP GUIDE can be firmly set for any thickness of material.
- SAW DUST BLOWER integral with ventilating system. Cutting line always visible.
- REINFORCED ALUMINUM HOUSINGS. Safe from accidental damage.
- POWERFUL MOTOR designed to stand up under full-load cutting day in and day out.
- AUTOMATIC BLADE GUARD for complete protection.
- EASY BLADE CHANGE — five second operation; just remove nut.
- POSITIVE 90° STOP — saw automatically squares itself at 90° after bevel cutting — no guesswork.
- OVERSIZE SWITCHES—positive protection against electrical failure.

*Silver Line* "6"



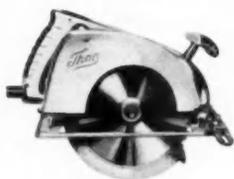
Depth of Cut, 3-1/32"

*Silver Line* "7"



Depth of Cut, 2 1/2"

*Silver Line* "8"



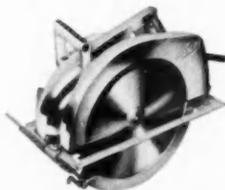
Depth of Cut, 2-15/16"

*Silver Line* "10"



Depth of Cut, 3 1/8"

*Silver Line* "12"



Depth of Cut, 4-7/16"



# Silver Line

## 4 1/2" BELT SANDERS

### EASIEST

OPERATING MACHINE OF ITS KIND in the field today, with abundant power for surfacing all types of wood, metal and stone. Cuts quick and clean, without pressure or lifting. Weight and balance properly proportioned to belt width, length and speed—tool needs merely to be guided along the work!



TWO MODELS available, with or without Vacuum Dust Collecting System. Belt size, 4 1/2" x 26". Belt speed, 1400 f.p.m. Tool weighs 21 lbs. Size 6 3/4" x 14 1/2" x 9 1/4" high.

## EXTRA EFFICIENCY

### THROUGH SUPERIOR HEAT CONTROL

Ingeniously designed aluminum fins conduct heat to flat housing surfaces, where it is radiated away. Strong air currents set up by belt motion blow heat out through open side of belt housing and at the same time cool radiating fins and surfaces. Belts stand up longer, cut cleaner, faster!

- QUICK-ACTING BELT RELEASE makes belt changing a snap. Belt is backed by asbestos cork-filled sheet over hardened steel plate.
- ACCURATE TRACKING DEVICE centers belt on rollers for maximum service. Special device keeps belt from cutting inside housing wall.
- EXCLUSIVE Thor-design power tool motor, triple-insulated, statically and dynamically balanced for long, trouble-free service.



EXCLUSIVE all-spur-gear drive minimizes friction losses, delivers as much as 20% extra power to the belt!

BALL BEARINGS THROUGH-OUT, including oversize bearings widely separated for maximum support of rollers. Grease sealed.

"ONE-PIECE" heavy section aluminum housing, fully reinforced, keeps moving parts in permanent alignment.

*Thor*



**U-100 ELECTRIC**

# HAMMER

with

*Sling Shot Drive*

FROM STAR DRILLING to knocking out a brick wall . . . from driving expansion plugs to notching heavy timbers . . . there are dozens of jobs for the THOR ELECTRIC HAMMER.

SHOCK-PROOF RUBBER YOKE drives the piston . . . no metal connection . . . no shock to gears, motor or operator!

FEATURES A MORE POWERFUL BLOW than any hammer of comparable size and capacity. Weighs only 14 pounds . . . measures only 13½" long . . . and has a capacity in concrete up to a 1½" Star Drill. Built for Heavy Duty Service.



27 MODELS in the ¼" size alone! Speeds from 500 to 5000 R.P.M. Pistol grip, switch handle and end grip styles.

## *Silver Line* DRILLS

For long, trouble-free service . . . well designed, solidly built, ball bearings . . . quality in every detail from precision ground moving parts to polished die-cast aluminum housings.



A HANDFUL OF POWER! Other sizes from 5/16" to 1¼" in standard duty, heavy duty and extra heavy duty capacities.



Printed in U.S.A.

**IMPACT WRENCHES - SCREWDRIVERS - NUT SETTERS  
DISC SANDERS - POLISHERS - BENCH GRINDERS**

WRITE FOR FREE CATALOG No. 39

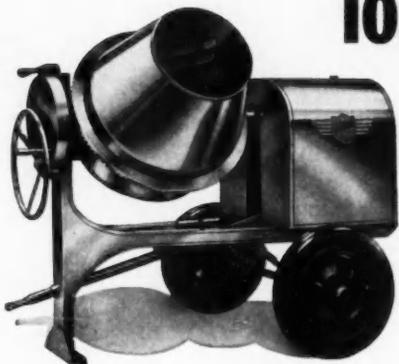
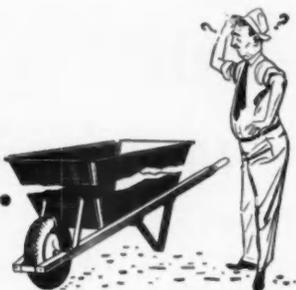
JE-1310

**INDEPENDENT PNEUMATIC TOOL COMPANY - AURORA, ILL.**

MINNEAPOLIS    LOS ANGELES    NEW YORK    CHICAGO    PHOENIX    CLEVELAND    DENVER    ST. LOUIS    MEMPHIS    HOUSTON  
SAN FRANCISCO    SAN FRANCISCO    SEATTLE    MILWAUKEE    PORTLAND    PITTSBURGH    SPOKANE    SALT LAKE CITY    TORONTO, CANADA

See "TOOLS-ELECTRIC" in Your Local Telephone Directory

# are you a half-wheelbarrow ..... loser?



Essick "Big Boy" Model 62B Side Discharge Concrete Mixer. Also available in Model 62C End Discharge; both models mix a two-barrow batch.

Regardless of how you are now mixing concrete—by hand or half-sack mixer—the Essick "Big Boy" can save you a surprising amount of job time and labor costs.

Four specially designed steel blades shovel material the full length of the elongated steel bowl, resulting in a fast, thorough mix.

Heavy duty engine, air cooled, Timken bearings, equipped with rotary magneto and impulse coupling for easy starting.

Low center of gravity, cantilever springs and industrial pneumatic-tired wheels assure safe, easy trailing.

**YOU CAN DEPEND ON ESSICK EQUIPMENT  
—PROVED IN USE FOR 28 YEARS!**



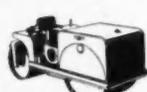
MIXERS



PUMPS



HOISTS



ROLLERS

Essick Manufacturing Co.  
Los Angeles 21, California  
Sales & Service—Coast to Coast

**ESSICK**

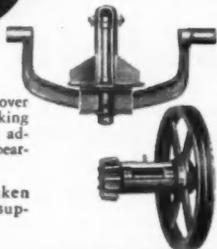
Conventional 3½-S half-sack concrete mixers make only a barrow and a half per batch, but an Essick "Big Boy" mixes two full barrows of concrete each time! Workmen can deliver two full wheelbarrow loads in the same time it takes to haul the fractional 1½ barrow batch. Therefore, mixing concrete in 3½-S half-sack mixers can cost you hundreds of dollars in lost labor time!

Contractors everywhere who now use the "Big Boy" praise its two-barrow batch capacity and find that this unit actually makes up to 50% more concrete per day than half-sack mixers.

*Essick mixer Model 350 mixes a one-barrow batch  
Model 93 mixes a three-barrow batch.*



Electrically-welded, guaranteed unbreakable steel bowl. Equipped with Essick quick-mixing steel blades.



Mixing bowl fits over extra strong steel king pin and rests on adjustable Timken bearings.

Adjustable Timken roller bearings support jack shaft.

Mail coupon today for more information about Essick Concrete Mixers that will save you job time and labor costs.

TO: **ESSICK MANUFACTURING COMPANY, DEPT. A8-4**  
1950 Santa Fe Avenue, Los Angeles 21, Calif.

Please send me more details about your Concrete Mixers.

I am interested in a machine that mixes a \_\_\_\_\_ one barrow batch,  
\_\_\_\_\_ two barrow batch,  
\_\_\_\_\_ three barrow batch.

I am also interested in other Essick equipment: \_\_\_\_\_ (PLEASE NAME) \_\_\_\_\_

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_ TITLE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

# PAINE REZO DOORS

T. M. REGISTERED

are Unconditionally Guaranteed

and here's what makes that guarantee good



## *The World's Largest Mills* Devoted Exclusively To The Production of Hollow Core Doors

There are two sides to any guarantee. The words you read . . . and the resources that back them up. From this point of view consider the Paine Rezo Door — a door made and sold on the basis of *satisfactory service*, without reservations.

This unconditional guarantee has been time-tried and time-tested by more than 4,000,000 installations . . . a demand originating from architects and contractors so persistent and so repetitive that the world's largest mill work plants are now fully occupied producing Rezo doors exclusively.

When your plans call for Paine Rezo doors, you're looking forward to a positive future. See SWEET'S catalog — or write for an illustrated data bulletin.

*Manufactured by the*

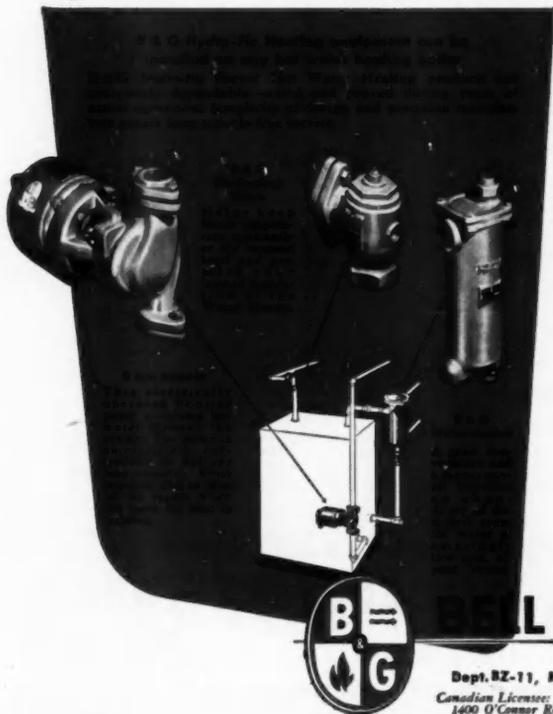
**PAINE LUMBER CO., LTD.** *Oshkosh Wisconsin*

ESTABLISHED 1853



*A typical home in Levittown, N. Y.,  
low-cost housing development.*

## 15,000 HOMES LIKE THIS equipped with **B & G Hydro-Flo HEATING**



This small dwelling is a typical unit in a group of 15,000 low-cost homes. Pipe coils in the floor, circulated with hot water by a B & G Booster Pump give occupants the unparalleled comfort of modern radiant panel heating.

B & G Hydro-Flo Heating is known the country over for its outstanding advantages . . . *controlled radiant warmth . . . fuel economy . . . year 'round hot water.* This forced hot water system permits a choice of baseboards, radiators, convectors or *completely concealed* radiant panels. Whatever your selection, you'll have the finest in automatically controlled heating.

#### **A fuel saver**

B & G Hydro-Flo Heating *matches the heat supply to the weather*—never wastes fuel by overheating the house. This accurate control is especially important in fall and spring, when only a little heat is needed. All through the heating season, indoor temperature is maintained constantly at the comfort level.

#### **No job too big or too small**

Hundreds of thousands of B & G Hydro-Flo Systems are in operation today. You'll find them in small homes, apartments, commercial and industrial buildings, providing the same comfort and economical operation regardless of size.

#### **Send for this booklet**

The whole story of B & G Hydro-Flo Heating is told in this completely illustrated, 4-color booklet. Send for your copy—read it before selecting the heating system for your next job.



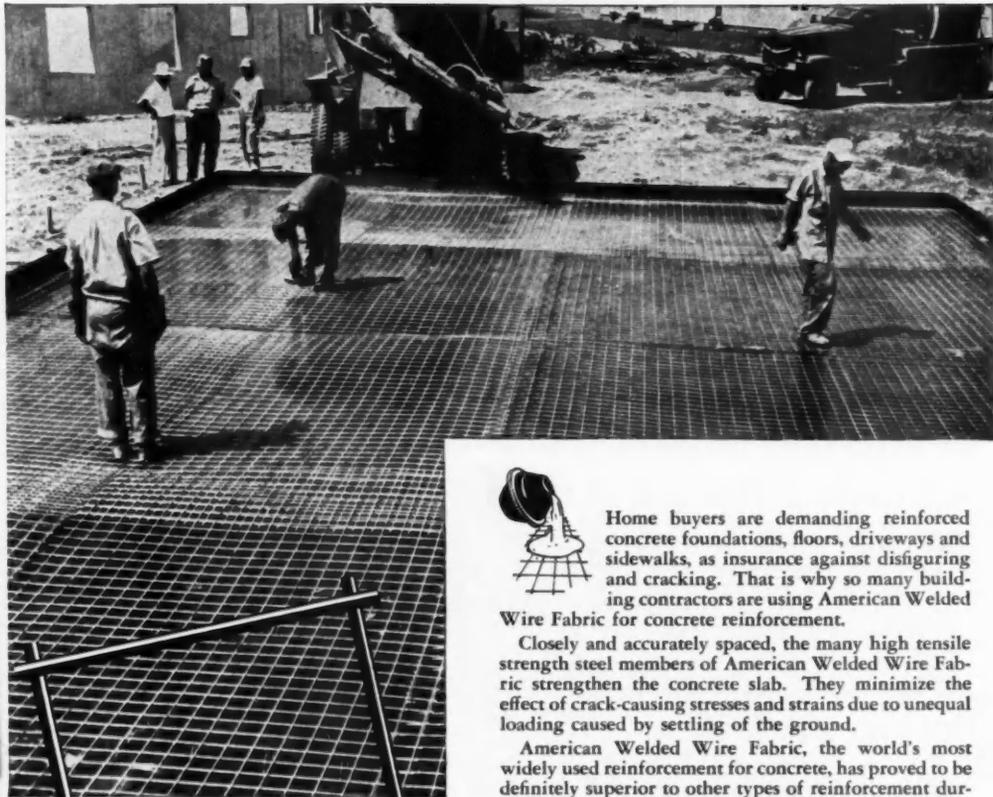
# B & GOSSETT

*Company*

Dept. BZ-11, Morton Grove, Ill.  
Canadian Licensee: S. A. Armstrong, Ltd.,  
1400 O'Connor Road, Toronto, Canada

®Reg. U. S. Pat. Off.

*Build more salable homes*  
**with American Welded Wire Fabric**



This picture shows American Welded Wire Fabric adding the high tensile strength of steel wires to a concrete ground slab. This type of construction protects the home against excessive settling and cracking, and insures the value of the buyer's investment.



Home buyers are demanding reinforced concrete foundations, floors, driveways and sidewalks, as insurance against disfiguring and cracking. That is why so many building contractors are using American Welded

Wire Fabric for concrete reinforcement.

Closely and accurately spaced, the many high tensile strength steel members of American Welded Wire Fabric strengthen the concrete slab. They minimize the effect of crack-causing stresses and strains due to unequal loading caused by settling of the ground.

American Welded Wire Fabric, the world's most widely used reinforcement for concrete, has proved to be definitely superior to other types of reinforcement during years of practical use and in sample slabs tested to destruction.

American Welded Wire Fabric is easily handled, quickly laid. Reduce costs—build more sales pull into every dwelling—use U·S·S American Welded Wire Fabric.

AMERICAN STEEL & WIRE COMPANY, GENERAL OFFICES: CLEVELAND, OHIO  
COLUMBIA STEEL COMPANY, SAN FRANCISCO, PACIFIC COAST DISTRIBUTORS  
TENNESSEE COAL, IRON & RAILROAD COMPANY, BIRMINGHAM  
SOUTHERN DISTRIBUTORS  
UNITED STATES STEEL EXPORT COMPANY, NEW YORK

*Every type of concrete construction needs*

**AMERICAN WELDED WIRE FABRIC**

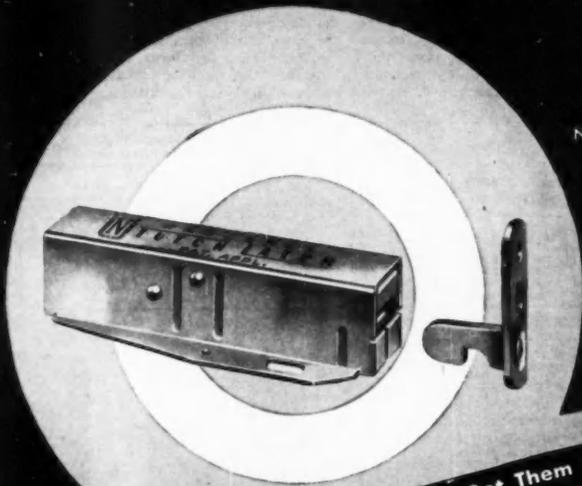
*reinforcement*



**UNITED STATES STEEL**

# Double Bulls-Eye!

Two Popular NATIONAL LOCK Hardware Items  
That Exactly Meet Your Market Requirements



NATIONAL  
**TUTCH LATCH**

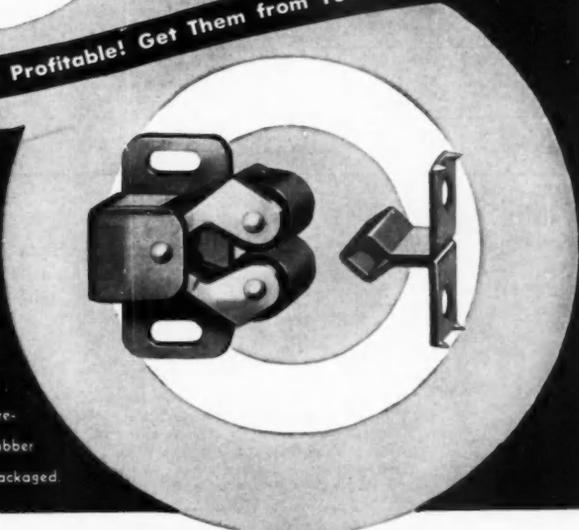
No. N61-380

National Tutch Latch is a substantially-built, easily-applied latch for use on wood cabinets. Completely concealed from exterior view, it opens door automatically at the simple touch of finger, wrist, arm, elbow or knee. Slam door shut or close it gently ... Tutch Latch holds securely, provides positive latching action. Envelope packaged for your convenience in handling.

**They're Available! They're Profitable! Get Them from Your Regular Supplier**

## No. N61-336 Rubber Roller Catch

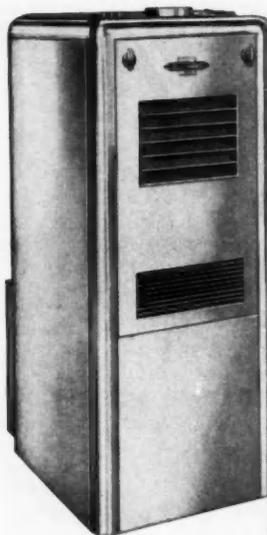
Inexpensive, yet remarkably effective in operation. Fills the bill perfectly in a wide range of applications. Quiet. Flexible. Has two free-wheeling rubber rollers. Sturdily built to last. Rust resistant finish. Strike has marker prongs to simplify installation. Careful inspection proves this to be the finest rubber roller catch on the market. It's envelope packaged.



## NATIONAL LOCK COMPANY

Rockford, Illinois • Merchant Sales Division

*Distinctive Hardware ... All from 1 source*



# DELCO-HEAT Units

give home buyers the value, dependability and features they want

Check the specifications of these outstanding General Motors products!

### "GA" series Gas-fired Conditioners.

These forced warm air furnaces feature multi-section heat transfer systems, with electrically welded *Multi-Rad* radiators that completely enclose the flames of

double ribbon-type burners . . . insuring the extraction of maximum heat from the fuel. Delco *Rigidframe* motors on blowers. AGA-approved for all gases and for high altitude installations.

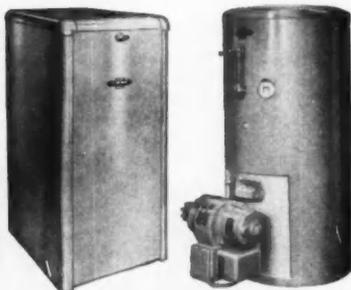
Model (Available with either 12 or 16 gauge heat exchangers)	Dimensions			Blower		AGA-Approved Ratings Btu per Hour (in thousands)			
	Height Inches	Width Inches	Depth Inches	RPM	CFM Max.	Nat., Mfg., Mixed or LP-Air Gas		LP-Gas	
						Input	Output	Input	Output
GA 63	55	22	26	550	550	62.5	50	60	48
GA 90	55	22	26	650	800	90	72	90	72
GA 120	55	28½	26	660	1050	120	96	120	96
GA 150	55	35	26	620	1300	150	120	150	120
GA 210	55	48	26	600	1600	210	168	210	168

### "S" series Steel Oil-fired Boilers.

Here are the perfect units for radiant heating systems in small homes—and for conventional steam and hot water systems, too. Have famous Delco-Heat

pressure atomizing burners, powered by *Rigidframe* motor. Provide year-round hot water for household use. Available in both de luxe and round-jacket models. Also larger capacity, cast iron boilers.

	Capacity			Oil Burner Nozzle GPH	Dimensions			
	Btu per Hour Output	E. D. R.	Net		Round Jacket	Height Inches	Width Inches	Depth Inches
Steam	95,200	396	300	1.0	49½	24½	37¾	
Hot Water	95,200	635	480	1.0	49	24	38½	



"OPC" series Oil-fired Conditioners. Value priced! Blower-filter unit may be mounted *beneath* or *behind* furnace. For basement, utility room or alcove installations. Features Delco-Heat pressure atomizing burner and *Rigidframe* motors. De luxe model, with matching furnace and blower units, also available.

Capacity Btu per Hour Output* (Plenum)	Firing Rate GPH	Blower				Filter Size Inches
		RPM	CFM Max.	Motor		
				HP	Watts†	
75,000	¾	400-700	800	¼	385	20 x 25 x 1

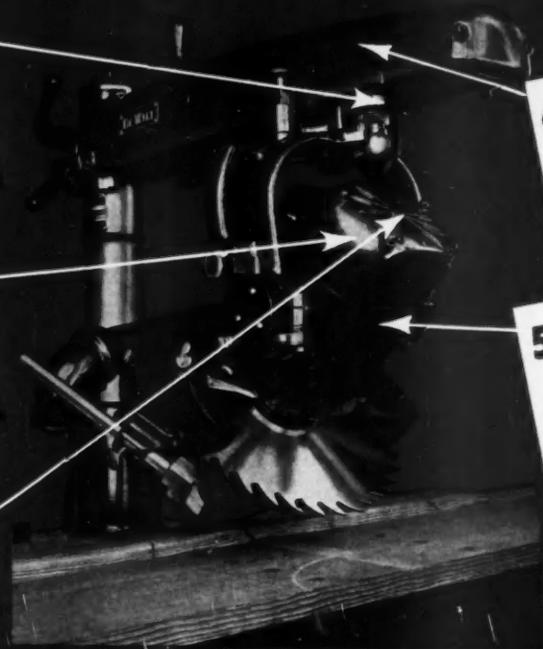
\*On basement installations add 15% duct loss to net heat loss—compensate for unusual conditions.  
†Maximum watts allowable on motor.

New homes sell better when they're equipped with Delco-Heat!

Delco-Heat manufactures a complete line of automatic home heating products—for all fuels, all heating systems, and all sizes of homes. And our engineering and sales departments will be glad to serve you in any way possible. Also manufacturers of electric water systems for domestic water supply. For information about Delco-Heat products, write to Delco Appliance Division, Dept. AB-24, General Motors Corporation, Rochester 1, New York.



# 5 NEW FEATURES in this famous DeWALT power saw!



**1 DOUBLE ROW grease-sealed-for-life BEARINGS**  
Double row bearings on carriage head mean more rigidity—and greater ease of operation.

**4 2 ARM LENGTHS**  
You can cross-cut 1" stock in 16" and 24" widths, and rip a maximum of 36".

**2 4 MOTOR CAPACITIES**  
Available in 2 H.P. and 3 H.P. single phase  
3 H.P. and 5 H.P. three phase

**5 LOW DEAD RISE 12% DEEPER CUT**  
Flat surface on bottom of motor permits greater use of cutting tool. You can use 14" saw blade and get 4 1/2" cut.

**3 TOTALLY-ENCLOSED FAN-COOLED MOTOR**  
At no greater cost than open motors.

Introduced a few months ago, this new DeWalt "Builder's Saw" has been a hit everywhere! Today, with the building market showing no signs of being over, this popular, all-purpose DeWalt will be even more of a success.

It's the kind of saw you'll have on the job... no matter what size building you do... whether you're building a single structure or a thousand.

You may already be planning changes in your building

plans... new structural methods... new designs and military building... new business model building... special wood structures, etc.

Make sure you have all the things DeWalt can do for you... 2 arm lengths... 24" width... faster and at low cost.

Get the DeWalt... and other DeWalt... at your dealer's. DeWalt models are available from 1/2 HP to 5 HP. Send the coupon for full information.

## DEWALT INC.

DE WALT, INC., Dept. AB-4, Fountain Avenue, Lancaster, Pa.

Please send me literature and complete specifications on the new DE WALT GR and GW.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

# built for duty in busy washrooms

The hard use inflicted on plumbing fixtures in busy washrooms makes it important to weigh with extra care the factors of quality, price and maintenance. Case lavatories, urinals and water closets are constructed for this type of service. Molded of fine vitreous china, they are unsurpassed in durable surface luster and resistance to acids and discoloration. Fittings designed for these fixtures add to their long service life. Available with chair carriers. Please consult your Case distributor—listed in most Classified Telephone Directories—or write W. A. Case & Son Mfg. Co., 33 Main Street, Buffalo 3, N. Y. Founded 1853.



**CASE WALJET\* #2100.** Wall Hung Siphon Jet Closet with hard rubber open front seat, concealed check hinge.

**CASE CASCO\* #2300-A.** Vitreous China Straight Front Urinal Stall.

**CASE WYNGATE\* #600** Lavatory. Square basin. Anti-splash rim, heavy wall hanger.

**CASE WINDSOR\* #720.** Lavatory with leg, square basin, anti-splash rim. Made in 2 sizes.

**CASE CASCO\* #2325-A.** Vitreous China Wall Hung Washout Urinal with shields, integral flush spreader and spud.

**CASE #1600.** Siphon Jet Flush Valve Closet Combination with elongated bowl.

**Case** *Fine Vitreous China*

**Dorflo**

# floating doors

now assembled in the new

## READY-UNIT



A completely assembled wall section . . . with all DORFLO hardware mounted on . . . shipped out to your job as a complete unit!

The growing popularity of DORFLO has created a widespread demand for a packaged unit which would simplify installation on the job. In response to this demand we now offer the new DORFLO READY-UNIT which accomplishes everything builders have been asking for—

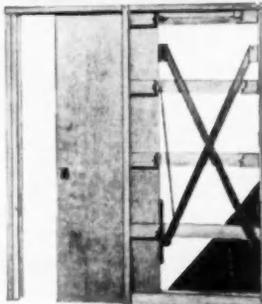
- It comes onto the job as an assembled wall section—with all hardware mounted on!
- It makes installation on the job easier . . . faster . . . more economical . . . and absolutely fool-proof!
- Complete assembly in just a few minutes—and the section is ready to be placed in rough wall opening.

**Dorflo** brings you  
**RECESSED DOORS**  
the *Modern* way

Dorflo gives you a combination of features never before obtainable with recessed doors. Just check your floor plans with the advantages of Dorflo in mind. You're sure to find many situations where these Dorflo features will prove indispensable—

For literature and further information concerning DORFLO or where it can be purchased, write to

**DORFLO MANUFACTURING CORPORATION**  
1904 First Avenue • Hibbing, Minnesota



**Dorflo**  
Packaged Hardware  
Knock-Down Wall Sections  
Ready-Unit Wall Sections

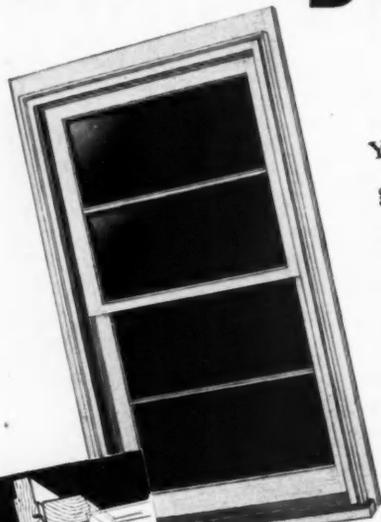
are all sold through distributors to retail lumber yards.

- NO TRACKS above or below—a new cantilever principle which makes for silent, trouble-free operation.
- BALANCE-SPRING CONTROL—providing the perfect balance that gives unique Dorflo fingertip operation.
- EASE OF ADJUSTMENT—every movable piece of hardware accessible and removable without disturbing wall or door trim.
- ADAPTABLE to 1 $\frac{3}{8}$ " or 1 $\frac{3}{4}$ " doors—stand-wall construction.
- EASY TO INSTALL—complete directions with every unit.

# Select BILT-WELL

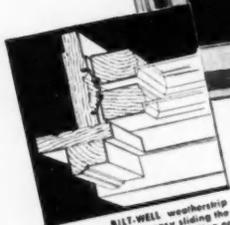
Yes . . . select Bilt-Well Products! It's your greatest assurance of accuracy and dependability. Bilt-Well Products provide real beauty, splendid convenience and extra comfort in the home. Bilt-Well has an outstanding reputation built on more than three-quarters of a century of leadership in the manufacture of fine woodwork. Bilt-Well offers you a complete line of building woodwork, everything from Basement Windows to Attic Louvers.

**CARR, ADAMS & COLLIER CO.**  
Dubuque, Iowa



## SUPERIOR UNIT WINDOWS

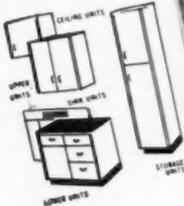
Improved double-hung wood window with exclusive BILT-WELL weatherstripping.



BILT-WELL weatherstripping assures easy sliding the year 'round. Swelling or shrinking will not affect the smooth weather-tight operation.

## NU-STYLE KITCHEN CABINETS

Units fit any shape or size kitchen. Come K-D packaged ready to assemble and paint.



DOORS

# Products

- 1 Made of kiln-dried Ponderosa Pine.
- 2 Accurately and skillfully made.
- 3 Sanded to a satin smooth surface.
- 4 Completely machined K. D. semi-assembled.
- 5 Carton packaged, in rare exceptions bundled.
- 6 Appropriate adaptations for all popular type homes.

Just look at these BILT-WELL features!



CORNER CABINETS



FRONT ENTRANCES



LOUVRES — GABLE SASH

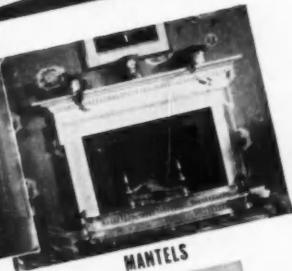


CARR-DOR GARAGE DOORS

Opens with the touch of a finger slides snugly overhead out of the way.



CLOSTITE CASEMENTS



MANTELS



BASEMENT WINDOWS

## BECAUSE.....

they give Homebuilders complete satisfaction.

## BECAUSE.....

both Carpenters and Builders find installation simple, easy, and rapid.

## BECAUSE.....

extra care has gone into making these products *Better to Serve Longer.*

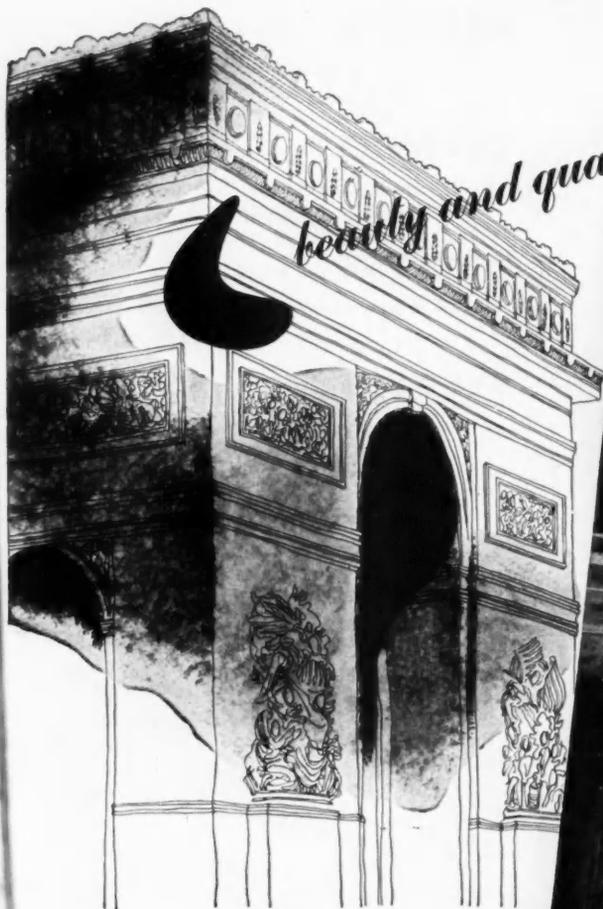
## BECAUSE.....

you can take pride in pointing to these products in your jobs.

## THE FAMOUS BILT-WELL LINE:

Mantels & Telephone Cabinets • Multiple-Use & Linen Cabinets • Stair Parts • Nu-Style Cabinets • Superior Unit Wood Windows • Exterior & Interior Doors • Entrances • Shutters • Clost-ite Casements • Carr-dor Garage Doors • Basement Unit Windows • Louvers & Gable Sash • Breakfast Nooks • Combination Doors • Screens & Storm Sash • Corner (China) Cabinets • Gll-dor Cabinets • Ironing Board Cabinets

**BILT WELL**  
**WOOD WORK**  
1911 - 1951



*beauty and quality that endure*



## HASKO ARCH-KOR DOORS

The proved engineering principle of the arch has stood for centuries as one of man's most beautiful and useful creations. This is why HASKO ARCH-KOR DOORS, utilizing the strength of the arch, and only the finest of materials and craftsmanship in their construction, have been of similar value in building and upholding the wholesalers' and retailers' reputations as suppliers of quality materials. Because there is always a demand for quality, HASKO DOORS have risen to a position of top leadership in their field . . . another proof of their worthiness of your endorsement and use. *Ask your supplier for HASKO DOORS. Write for complete information.*

The ARCH-KOR construction assures resistance to warping and complete support of the faces of the Hasko doors.

HASKELITE MANUFACTURING CORP., Grand Rapids 2, Mich.

West Coast Agents: Clay Brown & Co.,  
Portland, Ore., and Los Angeles, Calif.

Hasko ARCH-KOR and SOLID-KOR Flush Doors are available faced with birch, mahogany, oak, maple, walnut, and gum.

One of the world's largest manufacturers of plywoods, metal clad plywood, and other laminated materials for use in industrial and consumer products.



AMERICAN BUILDER

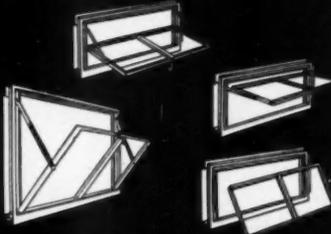
# VENTO

## STEEL WINDOWS



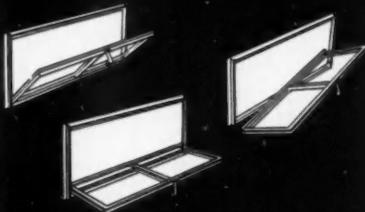
### VENTO STEEL CASEMENT WINDOWS

Extension type hinges for ease in cleaning. Gracefully designed Roto or Lever type operators and locking handles, as specified, allowing ventilator adjustment without screen removal. Positive cam action locking handle insures double contact weathertight seal around perimeter of the ventilator. Steel fins are designed for anchorage of casements into masonry, block and some brick veneer-frame walls.



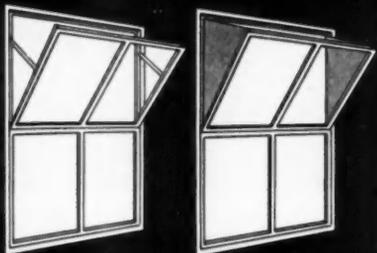
### VENTO "CHAMPION" BASEMENT WINDOWS

Effortless operation gives any of three ventilation openings, or sash removal. Double contact with leak-proof watershed sill stops wind and rain. Sturdy 14 gauge frame, electrically welded throughout. Fins welded to jambs for easy installation in block or poured concrete walls. Available in three standard sizes, putty or putty-less glazing.



### VENTO "THRIFTY" BASEMENT WINDOWS

A real economy window especially designed to meet the requirements of lower cost housing. An attractive window of sturdy construction, smooth operation, two position ventilation and easy sash removal. Fin flanges at jambs for quick installation. Available in three sizes, putty type only.



### VENTO "CHAMPION" UTILITY WINDOWS

Fully welded construction. Ventilator tilts in at top for normal ventilation and protection against drafts and rain. Each sash furnished with a positive cam action lock. Rigid and weathertight, Vento Utility Windows are especially suitable for a wide range of small commercial buildings, stores, warehouses, small factory buildings, garages and service stations. Vento "Champion" Barn Windows are similar to the Utility types but with the addition of side draft shields.

WRITE US FOR FULL INFORMATION  
AND NAME OF NEAREST DISTRIBUTOR

**VENTO STEEL PRODUCTS CO., Inc.**

247 COLORADO AVE.

BUFFALO 15, N. Y.

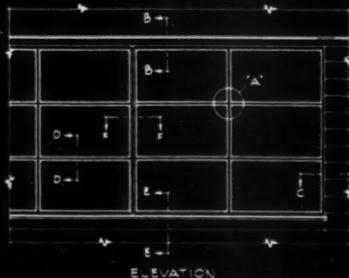
# HOW TO INSTALL *Thermopane*

## ...in a low-cost window wall

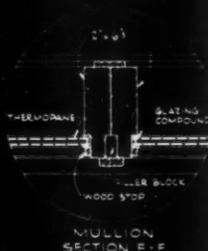
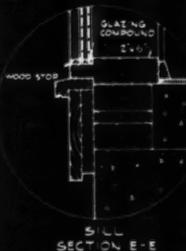
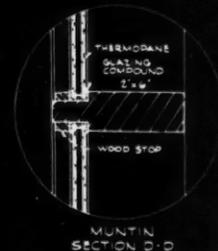
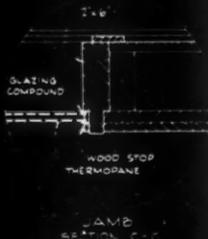
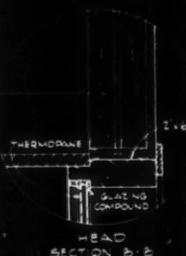


Here is a simple way to construct an insulated window wall. Dressed dimensional lumber is used to double as structural members and as frames for *Thermopane*\* units. This method cuts material costs and man-hours to rock

bottom. Many builders have found it a way to offer the benefits of an insulated window wall in even low-cost homes. See details below. For more complete information on this method mail the coupon.



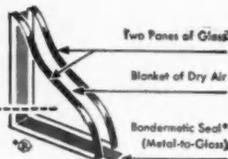
Thermopane glazed metal or wood ventilating units can be installed in any opening as desired without changing the window wall frame. Standard Thermopane glass size for window wall construction is 45 1/2" x 75 1/2" for non-ventilating units.



# Thermopane

LOOK FOR THE NAME ON THE SEAL BETWEEN THE PANES

FOR BETTER VISION SPECIFY THERMOPANE MADE WITH POLISHED PLATE GLASS



AMERICAN BUILDER

# INSULATING GLASS...

...in a simple wood frame

*Thermopane* presents no difficult installation problems. However, it differs from single glazing methods in several important ways, such as depth and width of rabbet, use of setting blocks, etc. The details shown here

may prove helpful in planning simple wood frames for picture windows and window walls with *Thermopane* units 1" thick. For units  $\frac{1}{2}$ " thick make suitable allowance. For more complete information, mail the coupon.

1

2

3

4

5

6

SPACER STRIP

SETTING BLOCK  
CONTINUOUS SPACER  
STRIP

1. Make a simple frame of dressed lumber, preferably redwood, ponderosa pine, sugar pine, cypress or fir. Use 2 x 6's for sides and top, and 2 x 8's for sills. Rout out sill for drip and siding grooves; also, plane a bevel on outer portion of top surface of sill for water drainage. Inside dimensions of frame should be  $1\frac{1}{8}$ " larger than size of *Thermopane* unit to be installed.

2. Nail on a spacer strip  $\frac{5}{16}$ " thick x  $1\frac{1}{4}$ " wide (lattice strips may be suitable) around the inside of the frame to form an opening in which the *Thermopane* will be glazed. Heads of nails must not protrude.

3. Simple frame is placed in opening. Make sure that frame is square and plumb, that sill member is flat and level. A: Center of opening. B: Points midway from center to outer corners where setting blocks are placed.

4. Section shows how *Thermopane* rests on setting blocks and is cushioned by  $\frac{1}{8}$ " bed (A) of glazing compound on each surface of the glass.

5. Section, left, shows how stool can be used as backstop for the *Thermopane* unit. To the right is an alternate method.

6. Same section as illustration at far left but backstop does not double as stool. Plain trim covers joint of sill at interior wall.

## Free *Thermopane* Manual

**JUST OFF THE PRESS!** Its 20 illustrated pages includes:

1. Glazing instructions.
2. *Thermopane* standard sizes.
3. Types of sash which will take *Thermopane*.
4. Typical sash details.

ALSO AVAILABLE—a complete set of detail sheets on the window wall discussed on the opposite page.

Libbey-Owens-Ford Glass Company  
1141 Nicholas Building, Toledo 3, Ohio

Please send me

- Your new *Thermopane* Manual.  
 Folder of simplified framing details for Picture Windows.  
 A complete set of detail sheets on window walls.

Name \_\_\_\_\_ (Please print)

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

THESE

# Superior Features

MIRROR-SMOOTH, HI-BAKED ENAMEL SURFACE. COMES IN 18 BEAUTIFUL COLORS — 4 MODERN DESIGNS.



THE NEW, CONTOUR BEVEL SCORE LINE ADDS EVEN GREATER BEAUTY.



FOR WALLS, CEILINGS, FLAT OR CURVED SURFACES, ARCHES, RECESSES.



EASY TO CLEAN — A DAMP CLOTH QUICKLY RESTORES ORIGINAL LUSTRE AND NEWNESS.



BEAUTY PERMANENCE ECONOMY ALL COMBINED IN ONE



EASY TO INSTALL. ONCE APPLIED IT NEVER NEEDS RE-PAINTING OR RE-FINISHING.



## WILL HELP YOU SELL MORE Miracle Walls by TYLAC

Wherever it is installed Miracle Walls by TYLAC builds greater satisfaction for your customers — more good will and more profits for you.

There is a wide need for TYLAC—in homes, stores, offices, schools, hotels, hospitals and public buildings of every kind—for new construction or modernization. Its sparkling hi-baked plastic enamel pre-finish offers a practical beauty, a permanence and utmost economy of installation and upkeep—that appeals to every taste, in every market—large or small.

Tylac helps you make "extra profit" sales, such as: Tylac Super Cement, Tylac Touch-up, Tylac Calk, Tylac Wax Base Polish, and other products. Why not join the ranks of prosperous TYLAC dealers—for more satisfaction—for greater Sales and more Profits.

Write today for our new liberal Sales Plan, our many Advertising and Dealer Helps, Displays—prices and discounts.

PEER OF ALL PRE-FINISHED WALL PANELS, TYLAC TURNS DEALERS' PROSPECTS INTO PROFITS — QUICK PROFITS.



# TYLAC COMPANY MONTICELLO, ILLINOIS

PIONEERS IN THE PREFINISHED WALL PANEL INDUSTRY

# Plywood Means Profits When You Sell Roddiscraft



## FOUR ESSENTIALS . . . BASIC TO PLYWOOD PROFITS

**1. Big Markets!** Wherever wood is used, Roddiscraft Plywood is recognized as a material combining strength, utility, beauty and economy. In residences, apartment houses, schools, hospitals, commercial buildings and institutions, the demand is big . . . and growing every day.

**2. Top Quality Plywood! Real Sales Features!** The best demands no shortcuts. There are no shortcuts in Roddiscraft manufacture. All materials are carefully processed — bonded with the best adhesives in hot plate presses — sanded to satin smoothness — and carefully stored under proper conditions. You can depend on Roddiscraft quality.

Then, too, your customers will like this. *The first cost is practically the last cost with Roddiscraft Plywood.* Figures obtained from well known building authorities indicate that over a period of ten years or less, based on using 1/4" plywood, the average cost of a paneling job

will be no more than that of an ordinary plaster job using paper or paint finishes requiring constant maintenance. Beyond that period, the negligible amount of maintenance needed to preserve a panelled wall results in real savings to the building owner.

**3. Wide Variety to Suit Every Customer!** Roddiscraft warehouses carry complete stocks to meet your needs. Call on yours for • Douglas Fir • Birch • Maple • Gum • Pine • Cupboard Door Stock • Oak • Mahogany • Walnut • Prima Vera • Blonde Limba • Avodire • Chen Chen.

Other woods available from the mill on special order.

**4. Available When You Want It!** A nationwide warehouse service makes delivery of Roddiscraft Plywood fast and reliable. For prices and prompt service get in touch with your nearest Roddiscraft warehouse.

# Roddiscraft

RODDIS PLYWOOD CORPORATION  
MARSHFIELD, WISCONSIN

### NATIONWIDE Roddiscraft WAREHOUSE SERVICE

Cambridge 39, Mass. . . 229 Vassar St. Louisville 10, Ky. . . 1201-5 S. 15th St.  
 Charlotte 6, N. C. . . 123 E. 27th St. Marshfield, Wis. . . 115 S. Palmto St.  
 Chicago 32, Ill. . . 3865 W. 41st St. Milwaukee 8, Wis. . . 4601 W. State St.  
 Cincinnati 2, Ohio . . 457 E. Sixth St. New York 35, N. Y. . . 920 E. 149th St.  
 Dallas 10, Texas . . 2805 Medill St. Port Newark 5, N. J. . . 103 Marsh St.  
 Detroit 14, Mich. . . 11855 E. Jefferson St. Philadelphia 34, Pa. . . Richmond & Tioga Sts.  
 Houston 10, Texas . . 2403 Sabine St. St. Louis 16, Mo. . . 3344 Morganford Road  
 Kansas City 2, Kan. . . 33 Southwest Blvd. San Antonio 6, Texas . . 727 N. Cherry St.  
 Los Angeles 38, Calif. 2620 E. Vernon Ave. San Francisco 24, Cal. . . 345 Williams Ave.  
 New Hyde Park, L. I., N. Y. . . Plaza Ave. & S. 18th St.

For jobs that stay sold . . . bring you



THIS OPEN-VISION drug store in Montreal, Canada, is an excellent example of what can be achieved in store modernization with Pittsburgh Products. Merchants know that a store like this stops more passers-by, impels them to enter, increases sales. They know, too, that Pittsburgh Glass Products are leaders in the store modernization field. In your locality there are undoubtedly scores of prospects for store remodeling work. Make sure you use Pittsburgh Products. The complete line, the wide range of designs possible with Pittco Store Front Metal, and the installation knowledge and experience of Pittsburgh's artisans combine to give your customers the best possible jobs. Architect: Elie Vincelli, Montreal, Canada; Contractor: O. Langlois, Montreal.

WITH READY-BUILT Carrara Structural Glass Panels, the high quality, enduring beauty, permanence and ease of cleaning inherent in this wall material are available to low-cost homes. These panels were developed for use in bathroom recesses and for stove backing in the kitchen. Prefabricated units, assembled at the factory, their installation is quick and easy. There's no cutting on the job and this reduces your labor costs substantially. Like fine Plate Glass, Carrara is mechanically ground and polished to a flawless, brilliant surface. It won't stain, fade or discolor with age. It doesn't absorb odors. It's not affected by grease, grime, grit, acids, water and pencil marks. And Carrara Glass is available in ten attractive colors.



more business . . .

# Pittsburgh Glass can help you!

**A GOOD MIRROR** is indispensable in the bathroom. And in any room in the home, wall mirrors add charm and sparkle, increase the apparent size of the room. When you include Pittsburgh Mirrors in your homes, or in remodeling plans, you impress your customers with the fact that they are getting plus value for their money. Pittsburgh Mirrors are available in types and styles for every structural and decorative need. They are made from genuine Pittsburgh Plate Glass, offering superior reflectivity. Tourinn Motel, Allentown, Pa. Architects: Malcolm Graeme Duncan and W. Lee Moore, Scarsdale, N. Y. Contractor: Straight Construction Corp., New York City.

**USE TWINDOW**, Pittsburgh's window with built-in insulation, in your homes. Recommend it to homeowners who plan a remodeling. The demand for large, insulated windows is increasing. And Twindow is the ideal unit for this work. It's a completely prefabricated window, consisting of two or more panes of Pittsburgh Polished Plate Glass, with a hermetically-sealed air space between. The entire assembly is enclosed in a stainless steel frame which makes handling and installation safe and simple. Twindow reduces heat loss through windows, minimizes downdrafts, adds to inside home comfort for the year around. Under normal conditions, Twindow reduces the tendency for condensation to form. The cutaway view below shows the construction of a Twindow unit with two panes of Plate Glass. Architect: Ray Stuermer, Chicago, Ill.



Build it better with **Pittsburgh Glass**

See the complete listing and descriptions of Pittsburgh Plate Glass Company products in Sweet's Catalog Files.

PAINTS • GLASS • CHEMICALS • BRUSHES • PLASTICS

PITTSBURGH PLATE GLASS COMPANY



Things to Look For  
When Buying A  
Radial Power Saw

## Long Productive Life

Long, trouble-free service from your radial power saw lowers its cost per day of operation. Comet saws... designed to be trouble-free, last longer and have lower maintenance cost than any other saw. Comets cost less to operate... make more profit for you.

### COMPLETELY WEATHERPROOF

Comet Saws will not rust! All exposed parts are chrome or cadmium plated or covered with heavy enamel.

### RUGGED CONSTRUCTION

All Comets are built of tough materials—designed for rough use in the field. Semi-steel castings and moving parts of hardened steel provide maximum rigidity, strength and accuracy. Radial arm rides on eight completely enclosed permanently lubricated ball bearing rollers. Precision milled bearing tracks assure free, easy operation.

### EXTRA CAPACITY MOTORS

Comet Saw motors are rated to provide 100% overload capacity. Available in 1 to 10 h.p. with speeds from 1200 to 3600 r.p.m.—ample power for any job.

## Other Features That Make Comet Saws Your Best Buy

Comet controls are grouped within easy reach of operator to save time and increase production. Fully retracting radial arm keeps work always in plain view. Heavy oiled felt wipers permanently seal radial arm bearings from dirt damage. All exposed power cables are protected by flexible metal conduit. Exclusive safety return spring greatly increases saw production—cuts operator fatigue to a minimum—acts also as safety stop and helps return saw to starting position.

With all these advantages, Comet saws cost no more than others. They do more work and last longer. They are your best buy! Over 50 different combinations to fit your requirements. See your building machinery dealer or write for further information.

## THERE'S A COMET SAW DESIGNED FOR YOU



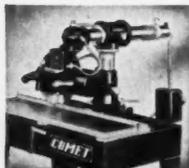
### THE JUNIOR

Up to 1½ h.p., cuts 4" deep, 19" wide, rips material 25" wide.



### THE COMET CLIPPER

Up to 5 h.p., cuts 4¾" deep, 19" wide, rips material 29" wide.



### THE COMET SENIOR

Up to 7½ h.p., cuts 6" deep, 22" wide, rips material 40" wide.



### THE SENIOR 8"

Cut off Saw—up to 10 h.p., cuts 8" by 10" timbers.



### THE TIMBER CUTTER

Up to 10 h.p., cuts 16" by 16" timbers.

Send coupon for free information and literature on the Comet that fits your need.

# COMETS Cut Quicker

CONSOLIDATED MACHINERY & SUPPLY CO., LTD.

2031 SANTA FE AVENUE · LOS ANGELES 21, CALIFORNIA

## CONSOLIDATED MACHINERY & SUPPLY CO., LTD.

2031 Santa Fe Avenue, Los Angeles 21, California

Please rush me prices and data on:

- Comet Junior     Comet Clipper     Comet Senior  
 Comet Senior 8"     Comet Timber Cutter

Name \_\_\_\_\_

Firm \_\_\_\_\_

Address \_\_\_\_\_

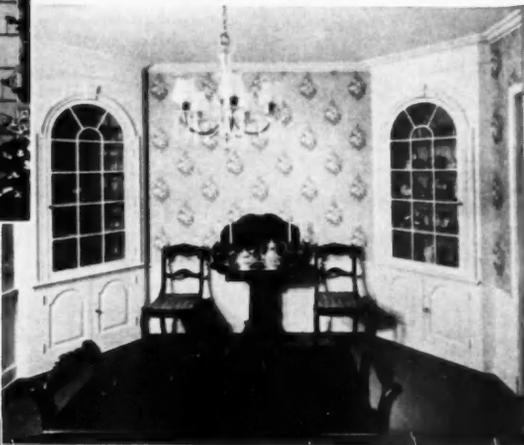
City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

CROSS CUT ★ RIP ★ MITRE ★ COMPOUND MITRE ★ BEVEL ★ PLOUGH ★ SHAPE

# How to Catch an Eye (and/or) a Sale



A Curtis entrance design which recalls many doorways to be found in the New England area. The entablature with its bowed face, dentil course, and pilaster beading, all contribute to the beauty of an entrance that is suitable for most any type home. Curtis Entrance C-1730—Door C-1040.



Formal and dignified is this very beautiful Curtis cabinet—often used in pairs as here. It is made for corner use only and is shipped completely assembled. This is Design C-6505. Curtis makes cabinets in all styles and sizes and priced to meet every budget.



This Curtis mantel fits gracefully into a traditional or modern interior. It is pictured here in a beautiful Ranch Style home. Curtis mantels, like all Curtis Woodwork, are made with the skilled craftsmanship used for fine furniture. This is Curtis Design C-6055—one of several styles.

*Curtis makes a complete line of architectural woodwork and kitchen cabinets for the modern home. Make your next house "all Curtis."*

You'll want illustrated literature describing Curtis Woodwork and Silentite Windows for your files. Just mail the coupon!



Curtis Companies Service Bureau  
AB-4W Curtis Building  
Clinton, Iowa  
Gentlemen: Please send me literature on Curtis Architectural Woodwork.

I am ( ) Architect ( ) Contractor ( ) Prospective Home Builder ( ) Student. (Please check above.)

Name.....

Address.....

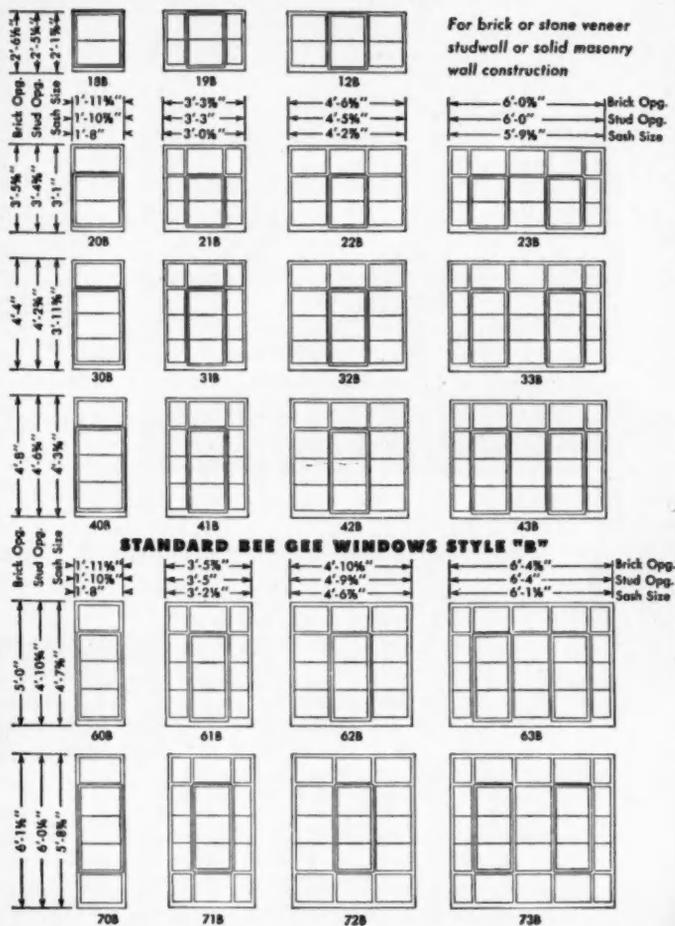
City.....State.....

# BEE GEE

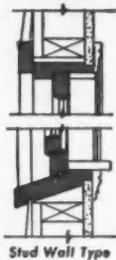
## MODERN WOOD

# WINDOWS

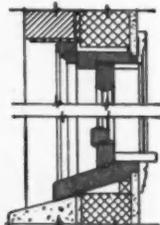
BEE GEE Modern All-Wood Windows are finding more and more favor with customers everywhere. They're light and airy... with the styling particular people want. The modern BEE GEE Window is a complete unit consisting of FRAME, pre-fit glazed SASH with the glass bedded in putty, a bronze SCREEN and all HARDWARE installed at the factory. The more than 42 styles and sizes are shipped ready to set in the wall.



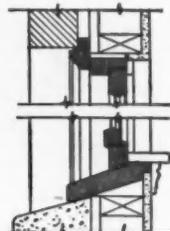
### FRAME DETAILS



Stud Wall Type



Solid Masonry Type

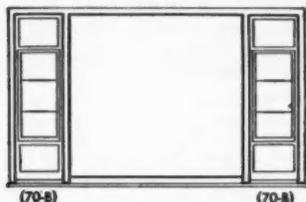
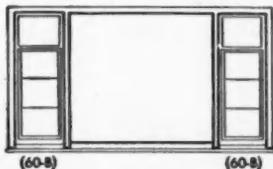
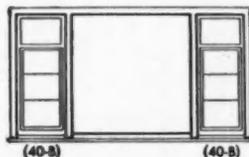
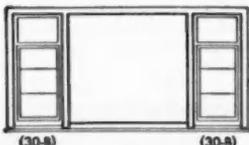
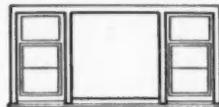


Brick or Stone Veneer with Plaster Reveal\*

\*Plaster Reveal available also in Stud Wall and Solid Masonry Frames.

## CLEAN THE OUTSIDE FROM THE INSIDE

Housewives immediately sense the convenience of this famous Bee Gee feature. Bee Gee Windows meet the needs of every home, fit every budget... a source of lasting pride and satisfaction. At your request the 20 sizes of Bee Gee Picture Windows can be shipped completely glazed with either Thermopane or Twindow.



### HOW TO ORDER BEE GEE WINDOWS

1. State the quantity needed, the unit number, and the type of frame construction desired, such as "Studwall, Solid Masonry, or Brick Veneer."
2. If narrow jams are needed for Plaster Reveal, just state "Plaster Reveal" with your frame construction.
3. Standard jams are 1 3/8" x 5 1/8". Narrow jams down to 3 1/8" wide are available for Plaster Reveal on inside, or where wall construction necessitates less than 5 1/8" wide, without extra cost.
4. Clear glass always shipped unless "Obscure" is specified.
5. When marble stools of more than 3/4" thickness are to be used, it is only necessary to specify "For Marble Stools" and a frame for this type of stool will be furnished at no extra cost.
6. Frames for bay windows on corner windows with extended sills for mitering will be furnished if requirements are specified on order, at a slightly higher price.
7. Frames for all sizes are available for Studwall, Brick, or Stone Veneer, and for Solid Masonry Walls.

SOLD BY  
YOUR LUMBER  
DEALER

Write today for the  
complete BEE-GEE Window  
details and Catalog.

BROWN-GRAVES CO., Dept. AB-100  
Akron 1, Ohio

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_

**BROWN-GRAVES CO.**  
Akron 1, Ohio

Take it from this SUCCESSFUL builder



Kevy K. Kaiserman  
President of Claremont Corp. and Plaza Square Corp.

**"We Wanted The Finest  
... So We Chose Kelvinator"**

*Says Kevy K. Kaiserman, co-sponsor of the great new  
Rittenhouse Claridge and Rittenhouse Savoy  
projects in Philadelphia.*

"Of course, in every kitchen we wanted the finest refrigerator. We chose Kelvinator because we know Kelvinator refrigerators will delight our tenants with their features, beauty and performance. And through our own experience we know that Kelvinator means real dollar-saving dependability."

With these words, Kevy K. Kaiserman, co-sponsor of the new Rittenhouse Claridge and Rittenhouse Savoy Apartments in Philadelphia, sums up why he and so many other successful builders choose Kelvinator for their new projects. Investigate the economies you too can make by selecting Kelvinator. For full information, write to Dept. AB, Kelvinator, Division of Nash-Kelvinator Corporation, Detroit 32, Michigan.



**708 Apartments—708 Kelvinators!** Soon to tower over Philadelphia's beautiful Rittenhouse Square, the new Rittenhouse Savoy (left) and Rittenhouse Claridge (right) will offer "new concepts in modern living." Both projects will feature panoramic windows, year 'round air conditioning, sound-proofed cork hallways, autotronic controlled eleva-



tors. There will be a Kelvinator refrigerator for each of the Claridge's 482 apartments, a Kelvinator for each of the Savoy's 226 apartments. Co-sponsors are Kevy K. Kaiserman and Matthew H. McCloskey. Architects are Samuel I. Oshiver, J. Raymond Knopf and J. Ethan Fieldstein. Builder, McCloskey & Company, Inc.

**Kelvinator**

DIVISION NASH-KELVINATOR CORPORATION, DETROIT 32, MICHIGAN



*Kelvinator featured exclusively,  
nation-wide, in the  
Good American Home Program*

**REFRIGERATORS, RANGES, FREEZERS, WATER HEATERS, AIR DRIERS . . . Electric, of course!**

**Unify Purpose**

**W**HEN REGULATION X was issued the Housing and Home Finance Agency announced a goal of 800,000 to 850,000 housing unit starts for 1951. It was assumed by the industry that the goal announced by HHFA represented a government policy for housing. The same assumption undoubtedly was made by HHFA. But up to March 1 prohibitions on the use of various metal items for housing, and large demands on plywood production for military purposes, indicated that military authorities and probably other departments of government did not feel themselves bound to the announced goal for housing.

First, the copper order, later relaxed with respect to tubing, posed a problem to the manufacturers of builders' hardware. No one apparently knew what could be done about producing enough hardware to supply 800,000 units. In the closing months of 1950 military authorities began to exercise their rights under the declarations of intent which had been signed by plywood producers. This bound the producers to supply up to 50 per cent of production for military requirements. By the end of December, 24 per cent of plywood production was going to the military, and there was reason to believe that the percentage would increase.

Late in February the aluminum order was issued. This prohibited the use of aluminum after June 30 for windows, storm sash and in heating, ventilating and air conditioning ducts. It is true that no one of these three requirements can stop building. But it is also true that each of them presents a serious problem to many builders, and with other orders reported to be contemplated, can cut building starts to much less than the announced goal. In the case of aluminum and builders' hardware critical unemployment can result at a time when high earnings are essential to meet the increased tax load.

HHFA's Regulation X and announced goal for housing starts, NPA's restriction orders on the use of materials, military's requisitioning of plywood and Treasury's demand for higher income and other taxes, indicate that only HHFA has an interest in 800,000 to 850,000 housing starts for the year, that only Treasury is interested in having incomes to tax, and that NPA and the military establishment are interested only in military requirements. Certainly each is entitled to its own primary interest, but not in the fulfillment of that interest at the expense of the other three.

It is time for unification of purpose if the national economy is to be preserved while adequate national defense is being provided. Without such unification the economy will not survive and there will be nothing left to defend. It is also time that industry was given a voice in the drafting of prohibitions, such as aluminum. Fabricators of aluminum building products are convinced that the base used for the restriction is wrong, that the order is not necessary, and that it will result in a surplus of raw aluminum by mid-year, and no fabricators left to use it. Housing should have a priority next to food, and all government departments should be so advised.

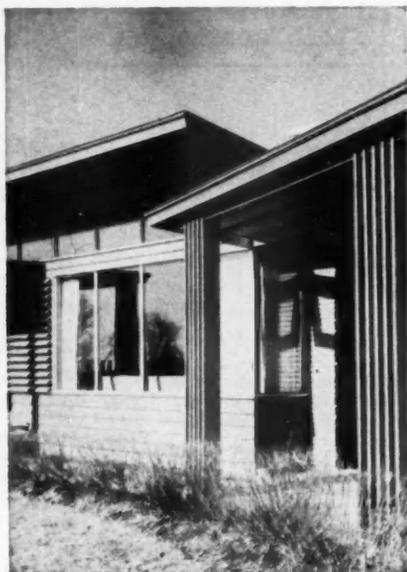
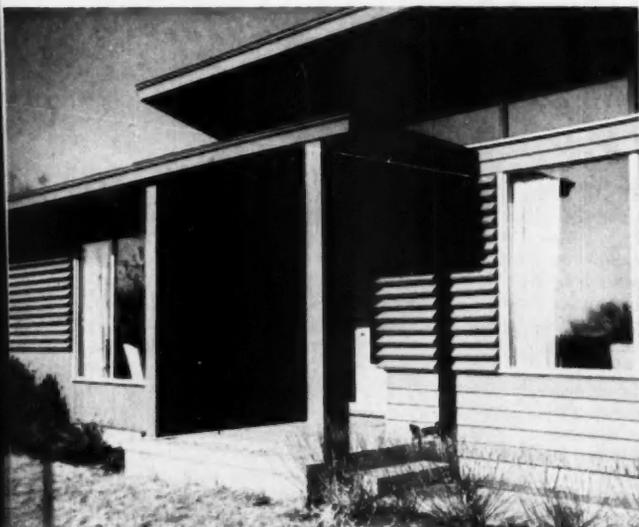
**PUBLISHER**  
Robert H. Morris  
**EDITOR**  
Edward G. Gavin  
**MANAGING EDITOR**  
Lyn E. Arent  
**EXECUTIVE EDITOR**  
S. H. Wambolt

**ARCHITECTURAL EDITOR**  
Arthur V. Hansen  
**WESTERN EDITOR**  
William C. Redd  
**ASSISTANT EDITORS**  
Robert Charles  
Raymond Stein  
Richard Govey

**PRODUCTION EDITOR**  
Margaret C. Carroll  
**ART EDITOR**  
George M. Clark  
**CHIEF DRAFTSMAN**  
J. T. Froh  
**CONSULTING ARCHITECT**  
Walter T. Anicke

Editorial Office, 79 W. Monroe St., Chicago 3, Ill.

Every effort will be made to return material submitted for possible publication (if accompanied by stamped, addressed envelope), but the editors and the corporation will not be responsible for loss or damage.



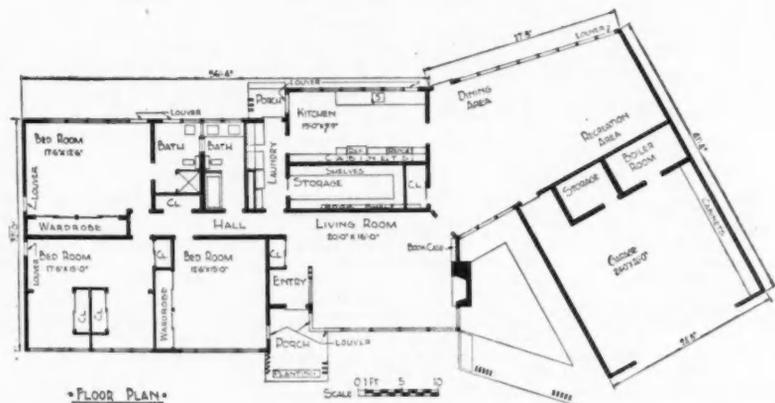
## Living Quality of Modern Proved by

**Freedom expressed in the use of space and design in lumber dealer's latest home is the result of satisfaction obtained from his first venture in modern planning and living**

**A**N APPRECIATION of the design quality, comfort, and economy of the flat roof house was impressed upon Clarence A. Thompson, Champaign, Ill., when he built his first home of this type a number of years ago. In planning his new home, Thompson again chose the advanced styling, incorporating features of the original model together with a group of interest-adding refinements.

The new home, designed by Simon and Rettberg, architects, who were

recently on the staff of the Small Homes Council, University of Illinois, re-introduces a number of the principles and features of the first house (September 1947 *American Builder*). These include vertical wall louvres and access panels for room ventilation, the omission of exterior wall sheathing, the omission of exterior wall heating, drywall construction and plywood veneer for wall surfacing. An interesting fact is the increase in square foot costs, from \$8 in 1947



• FLOOR PLAN •



FRONT VIEW of house. Flat roof effect is broken by clearstory windows and shed roof

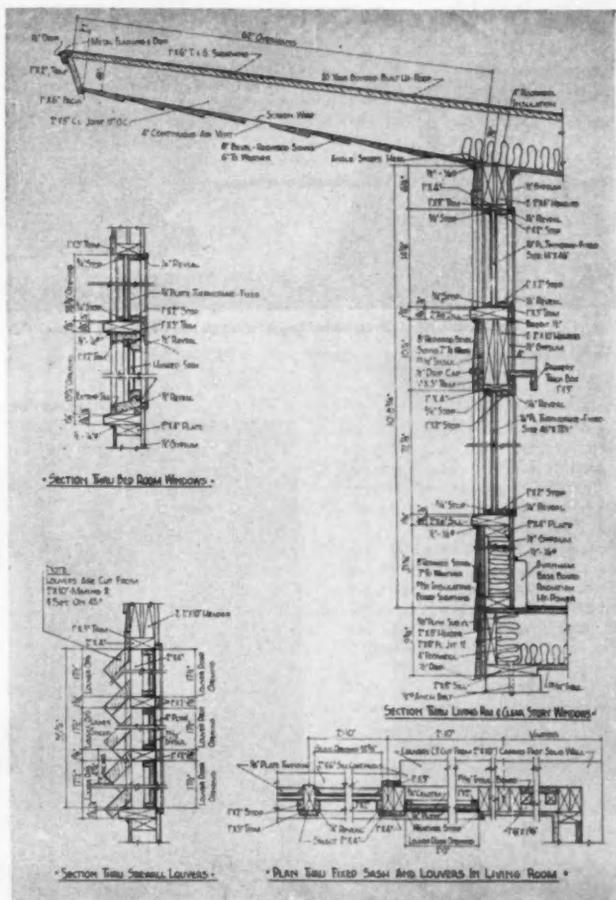
DETAILED VIEWS: Front entrance showing position of ventilating louvres adjoining fixed windows. Roof overhang forms covered walk between house and garage

## Experience

when the first house was built, to \$12 in 1949 when the present house was completed. The house was built on a cost plus basis by B. B. Bunn & Son, Champaign, Ill., for a total cost of \$45,000.

In building and living in two houses of similar types Thompson had a splendid opportunity to compare the relative merits of some of the features of the first house. The concrete slab floor of the old was changed to crawl space under wood joists in the new. The primary reasons for the change were site conditions and the fact that the open area would allow easy access to heating pipes in case of maintenance. This lumber dealer has assured himself that exterior sheathing in the wall construction is unnecessary. The exterior finish of  $\frac{3}{8}$ -inch Weldtex plywood is glued, nailed and butted directly on the 2 x 4 studs. This is a stress-skin principle that is satisfactory and economical. This method is used only where penetrating oil stains are used for the finish.

A feature of the house is the extension of the front living room wall to include the clearstory windows. The raising of the center unit breaks the continuous level of the roof line and increases the height of the living room. The extension of the roof over-





**LIVING ROOM** is given added height through use of sloping ceiling. Fireplace is of Indiana limestone

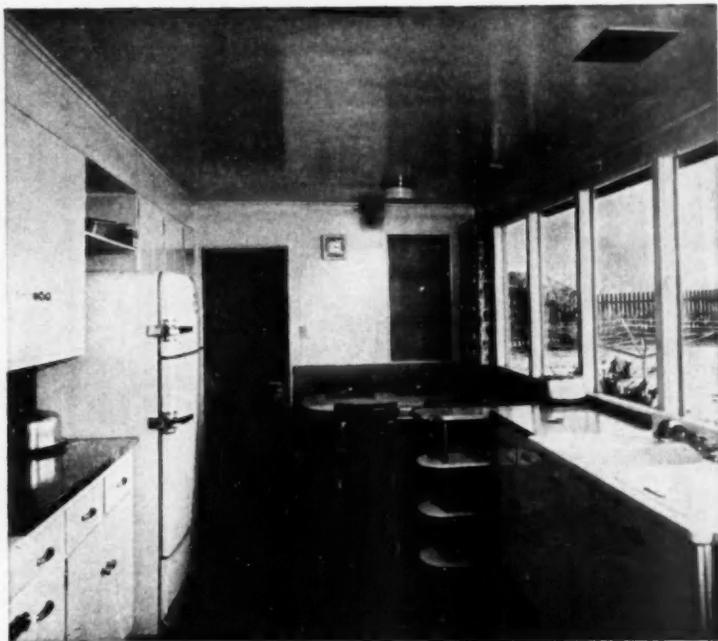
**DINING ROOM** is part of all-purpose room

hang to form a covered passage between garage and house is primarily an architectural feature that forms an interesting geometrical pattern. Overhang is supported by a grouping of 2 x 8 wood posts.

A feature of the plan which contains approximately 2500 square feet including a two car garage is the combination dining room and recreation area. Three bedrooms, two baths, kitchen, storage and laundry complete the plan arrangement.

Materials used in the Thompson home include Anderson wood sash; Johns-Manville rockwool insulation; Sisalkraft aluminum vapor barrier; Schlage hardware; J-M built-up roofing; Thermopane and Twindow glass; Bruce oak block flooring; Kentile floors; Crane Co. plumbing fixtures; Morgan Co. wood cabinets; Nu-Tone kitchen fan; Janitrol gas-fired boiler, Taco water heater.



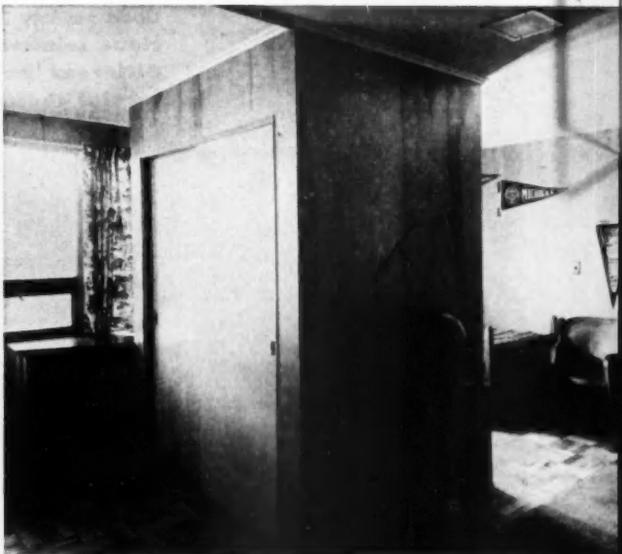


▲ **BATHROOM** has double lavatory arrangement with continuous counter for children's use

◀ **KITCHEN** with battery of windows on north wall provides excellent light for work, meals

**BOYS' BEDROOM** is divided by double storage wardrobes with built-in desks on each side ▶

▼ **HINGED WOOD PANELS** used with exterior louvres ventilate rooms with sealed windows





ONE of five different exterior treatments of a single basic split level plan—dark colored shingle siding with white trim

## Five Elevations—One Split-Level Plan

**Good variety in exterior was achieved by judicious selection and use of combinations of different exterior materials along with careful choice of trim and color treatments**



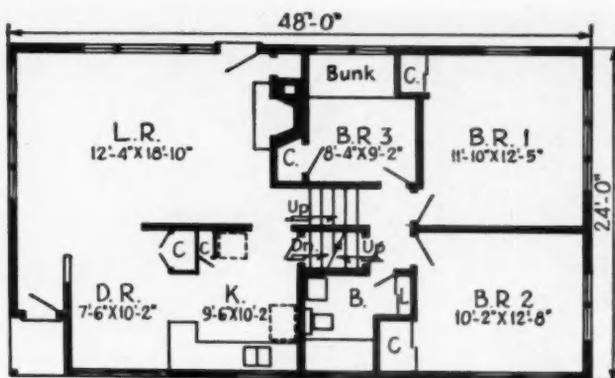
VERTICAL siding was used on the house at the left. At the right is a combination of brick veneer and vertical siding

**T**HE CAREFUL selection and effective use of a good variety of exterior finishes with a single basic split-level house plan enabled Bradford W. Stiles to offer five distinctive elevations of a single model home in his Rollingwood community development at West Hills, Long Island. In addition to his combinations of siding shingles, vertical siding and brick veneer, his variation in colors for roofs and trim as well as the body of the houses, permitted still more distinction in the individual homes.

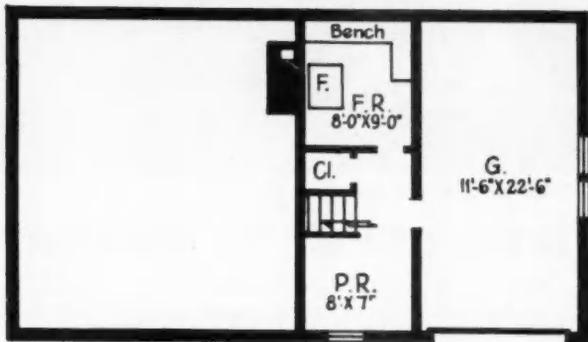
The three bedroom units, located on one-third acre plots, are priced between \$14,000 and \$15,000. This includes a fully equipped kitchen with natural wood cabinets, breakfast bar, gas range, refrigerator, combination washer and dishwasher, and a 10-inch exhaust fan. The partial basement, which comprises the first level, includes the garage and an additional room suitable as a children's play area, workshop or hobby room. The crawl space under the second level has a concrete floor and is suitable for storage use.

Standard treatment in the living room includes a beamed ceiling, wood burning fireplace, built-in bookshelves and cabinet, two large 12-paned studio windows and a Dutch door leading to an 8 x 10 flagstone terrace at the rear of the house. The small bedroom is paneled in pine with a built-in bunk. Floors in the living room, dining room and bedrooms are oak. Walls and ceilings are insulated with mineral wool. The heating system is forced warm air with an oil-fired furnace.

Stiles claims that in using the split-level plan, he can convert a maximum amount of space in the house to livable, usable area at less cost. At the top level, there is a short

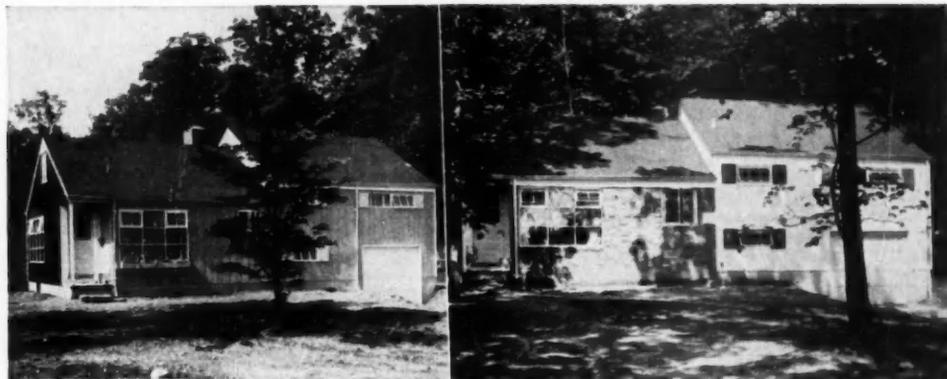


FIRST FLOOR PLAN

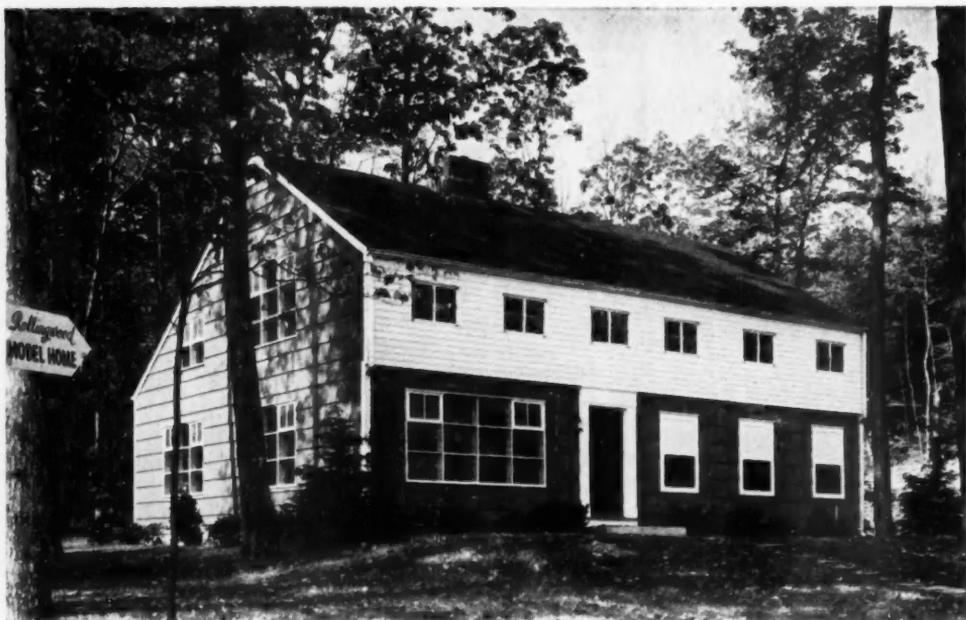


BASEMENT PLAN

**THE COMPACTNESS** of this split-level plan permitted Builder Stiles to incorporate a maximum amount of usefulness into all areas of the house with the use of a minimum amount of materials and time in its construction



SHINGLE siding used with vertical siding is effective. Garage area was given different treatment in house at right



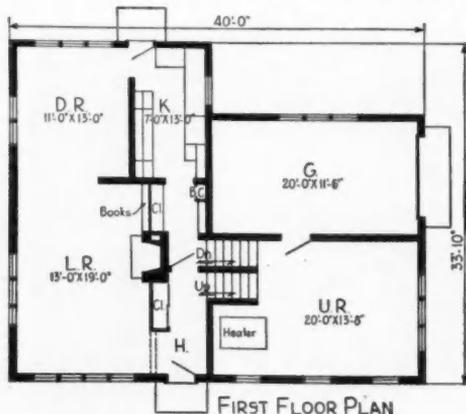
EXTERIOR of this large, four-bedroom split level house conceals the fact that it has rooms at five different levels

stairway to a large attic storage area, making it easily accessible for regular use. By avoiding monotony with a variety of distinctive exteriors, the framing and interior layouts on every house could be uniform, thus achieving economies in time required for cutting and assembling the materials.

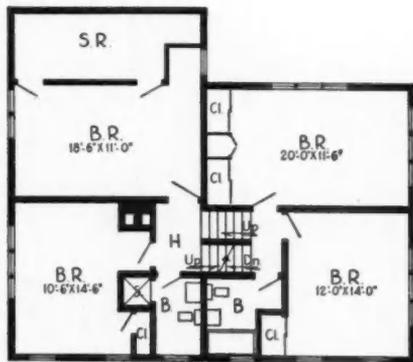
For those prospective home purchasers who wanted larger, more elaborate homes, Stiles planned and erected a new conception of the split-level house, combining modern and colonial characteristics in its design. This model, which was offered at

\$25,500, has five levels with six steps between levels. The lowest basement level, approximately two-thirds of which is below grade level, includes garage, heating unit, and space for a hobby shop or basement playroom. A half flight of stairs leads to the living-dining level, which includes a 32-foot long living and dining area with built-in bookcases and wood burning fireplace, a large center hall with coat closet and guest bar, a pass-through service bar to the kitchen and the kitchen itself, equipped with an electric dishwasher, clotheswasher, range, refrigerator and exhaust fan.

The third separate level has two large bedrooms with a bath. Closets have sliding doors in these bedrooms. Two more bedrooms and a bath with a shower stall are on the fourth level, which also includes a large storage area back of the knee wall. A fifth level, not shown on the plan, can be used as a large multi-purpose room, adaptable as a children's playroom, sitting room, television room or additional bedroom. There is still another level which can be used as attic storage space. These houses are also set on one-third-acre plots in the wooded development.



FIRST FLOOR PLAN



SECOND FLOOR PLAN

ONE of the features of this plan is the large center hall which gives privacy as well as easy access to second-level rooms



**ADOBE IS SHAPED** in form by one workman while another shovels the prepared mix into adjoining form

## **The Use of ADOBE in Construction**

**A**DOBE—one of the oldest and simplest of building materials—has far more than a historical interest for Lloyd G. Clark of Studio City, Calif. Clark has been specializing in adobe construction for five years and is highly enthusiastic about its adaptability for current home building, predicting an excellent future for the ancient material.

Principal reason for growing popularity of adobe in Southern California, Clark said, is that it gives a distinctive, rustic appearance which

cannot be duplicated with any other material. Other advantages cited: it gives perfect thermal insulation as well as insulation against sound; it is fireproof, waterproof, termite- and vermin-proof and earthquake resistant; and no maintenance is required; it is plentiful and will never be in critical supply; it is inexpensive in itself and, because architectural simplicity characterizes the structures it is used for, permits lower total costs.

Clark first became interested in the

material through seeing some of the famous California Spanish missions. Hundreds of years old, their adobe walls are intact despite never having had paint or care of any kind. A little research on the product revealed that it has been extensively used throughout this country and Europe and that in Palestine there now stands an adobe wall reputedly built around 1000 B.C.

In planning his adobe homes, Clark works almost entirely with one architect, Maurice H. Robertson of Los



**ROUGH SURFACES** give better bond



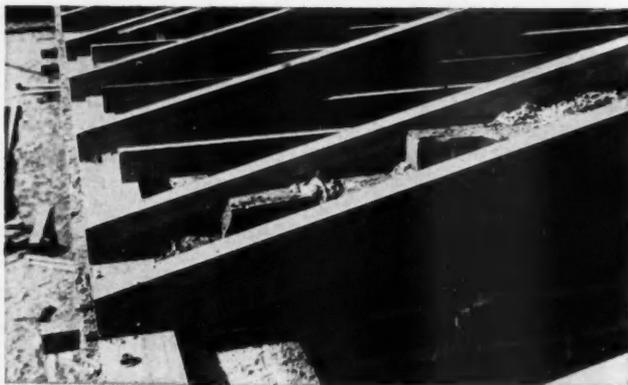
**PYRAMID STACKS** minimize breakage



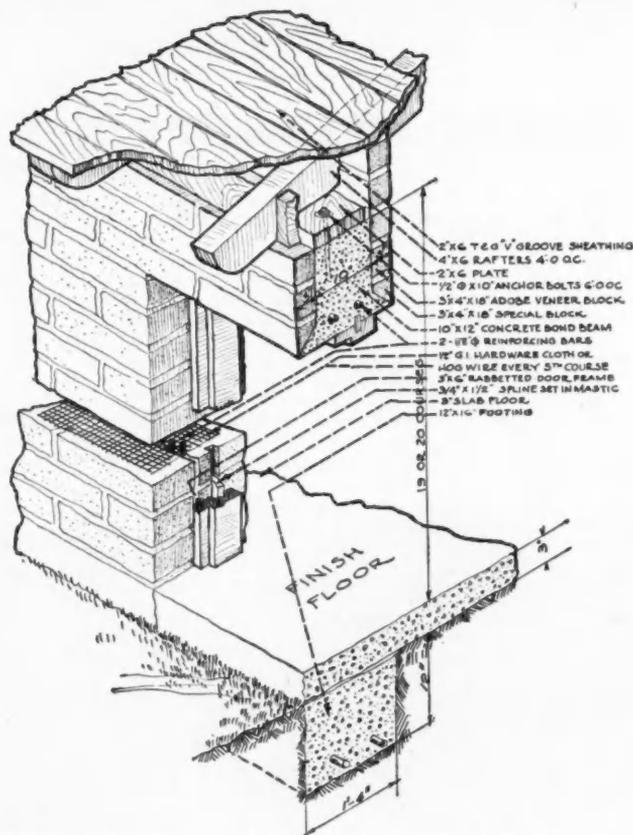
**STRING LINES** keep proper levels



**SAME MASONS** who lay the blocks usually make them between construction jobs



**RAFTERS** are nailed to wood plate (ordinarily a 2 x 6) bolted to top of the bond beam



**ISOMETRIC SECTION** through typical wall. Drawing by Maurice H. Robertson, A.I.A.

Angeles, who has made an extensive study of the material. The two agree that in true adobe architecture the design is kept simple. Interior surfaces are usually left natural, or painted; plaster is seldom used. Interior trim is held to a minimum. Beamed ceilings of heavy timbers are popular. The material, traditionally identified with the Spanish architecture in the southwest, has proved well-suited for modern and ranch-type design.

Clark makes his own blocks in Van Nuys, Calif., where he has a big batch mixer and plenty of space for curing. Machine-made blocks are available but he feels they are too "precise" in appearance. Except for scientific determination of proportions of sand and clay and waterproofing with an asphalt emulsion they are made in much the same way the Indians made them centuries ago.

Standard blocks are 16 inches long, 8 inches wide and 4 inches high; special sizes are made for sills, trim, etc. Ideal soil for making the blocks is 70 per cent sand, 30 per cent clay. Clark does preliminary field testing himself, but before accepting soil has conclusive laboratory checks made by the Standard Oil Co. of California. His crew of four men can produce about 1,000 blocks a day; one man tends the mixer, two handle the wheelbarrow and the other packs the forms.

Made of cold rolled steel, the forms cost about \$10 each. Only two are needed for each size of block since they are removed as soon as the mix has been packed into them. The mix has the consistency needed to retain the general shape of the form but develops a little bulge or "slump" which has come to be recognized as characteristic of adobe.



ANOTHER rustic living room interior



TYPICAL living room with fieldstone fireplace. 8 x 10 beams and rafters were hand-axed

Clark likes to use adobe mortar because of its darker shade, but the Los Angeles code calls for cement mortar which is considered slightly stronger. Mortar joints can be rough, harmonizing with the blocks' appearance, or smooth when exterior painting is desired. Smoothing is sometimes done by rubbing cement into the joints after the blocks have been laid. A sealer coat of asphalt paint is used because of the asphalt emulsion in the blocks, but the final coats can be lead or oil paint. No waterproofing is needed.

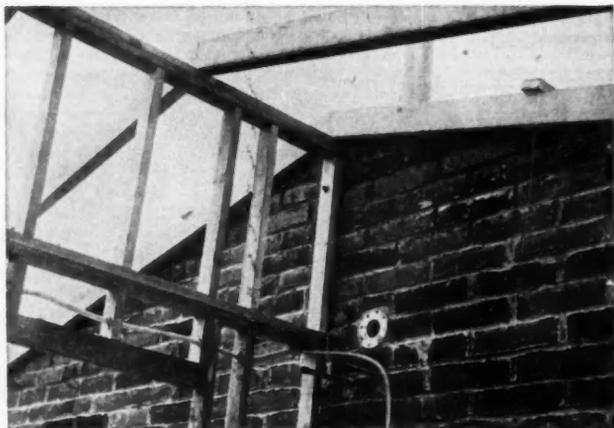
Footings for the adobe buildings

are of standard depth, but the width must conform to the width of the walls. Blocks are applied in two courses with grout joints between. Plumbing pipes and electrical conduit are carried in the grout joints. Strips of 1-inch 18-gauge reinforcing wire mesh about 12 inches wide are applied at intervals of two feet on the wall; and a reinforced concrete bond beam consolidates the whole structure. A channel for this beam is created by using narrow blocks on both sides of the opening.

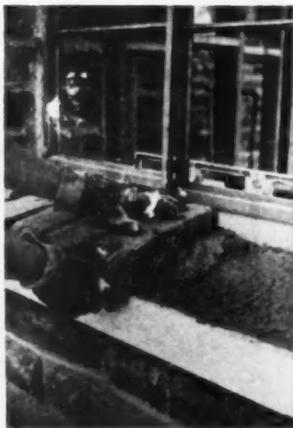
Door jambs are set in place and propped up before block-laying is

started. To each jamb is nailed a 1 x 4-inch fin which protrudes three inches between blocks, holding the jamb in place and also providing an air and moisture seal. Windows and switch boxes are set in place as the laying progresses.

When frame partitions are used, 10-inch foundation bolts with hooked ends are set into the grout between blocks and the partitions bolted to the walls. A wood plate for nailing rafters is bolted to the top of the bond beam. If cornice moldings are used they are nailed to the wood members at the ceiling.



FRAME PARTITIONS are bolted to block walls with 10-inch foundation bolts



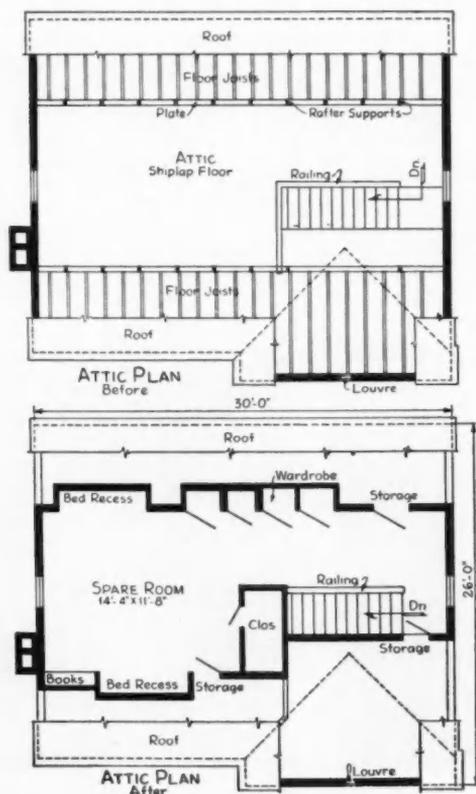
NARROW BLOCK being laid for sill



**EXTERIOR** of two-bedroom house used for this study of attic expansion. It is located in a suburb of Minneapolis and was built about 4 years ago



**THE UNFINISHED** attic as it was when the family purchased the home, except for luggage and other articles which were stored in the area before it was finished



## Converting

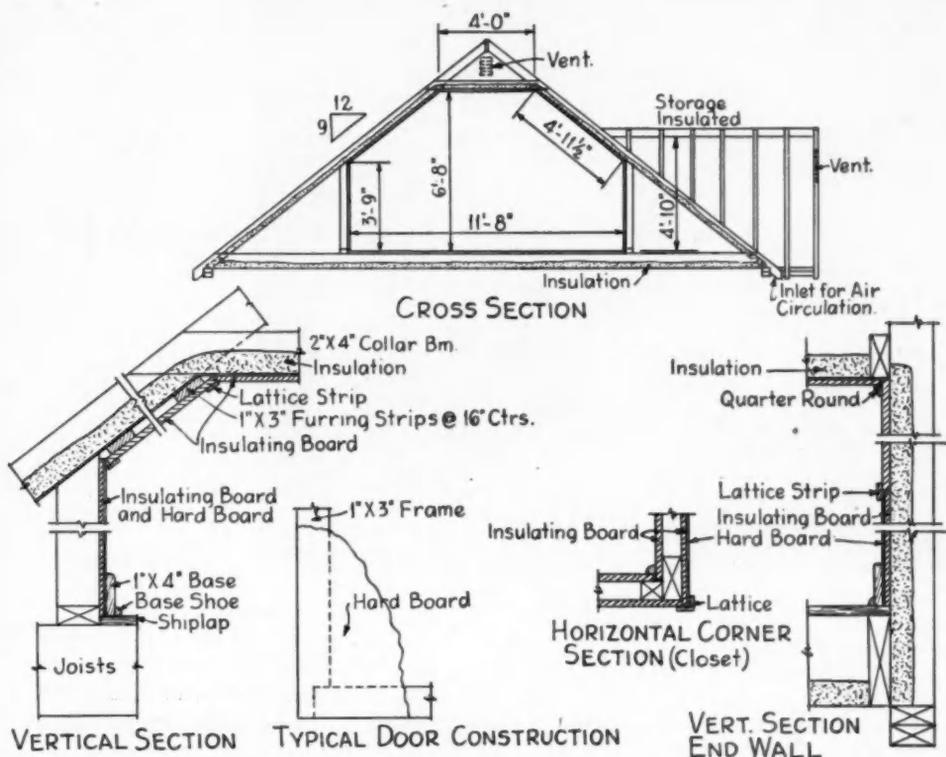
# Attics into Bedrooms

**is becoming a bigger part of the business of builders and dealers because of the large number of growing families which are occupying small homes erected since the war with expansible attics**

**T**HE LARGE number of small homes with unfinished attics or second floors built since the end of World War II is developing an increasingly large volume of business for builders and dealers. Young couples who purchased these houses are rearing families, many with two, three or more children. As the family expands, the need for additional sleeping and living areas makes it advisable and sometimes necessary to complete the unfinished attic.

A trim bungalow in the suburbs of Minneapolis, Minn., offers a typical example of how a modest attic can be converted into a useful room. The house was several years old. When it was built, the builder had included details for future completion of the second floor, just as a great many of his colleagues did in houses of this type all over the nation. The house measures 26 x 30 feet overall and it had a roomy attic with hundreds of feet of usable space. Also typical of so many small houses built since the war, the attic stairway was already in and the sub-flooring had been laid by the builder. The owner of this home is a Navy veteran and his wife with a boy, a girl and a newly-arrived baby.

Although every family has its individual requirements and ideas on what should be done in expanding the attic



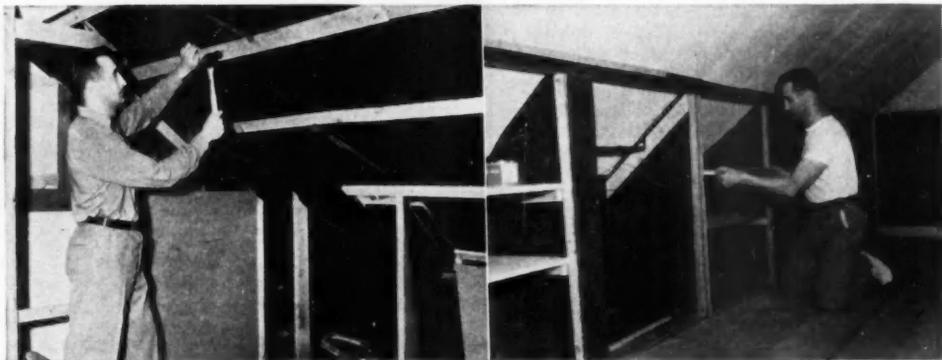
to satisfy the need for additional living space, this job was tailored for the household mentioned. As finally drawn, the plans included a bedroom, a children's play area, space for sewing and additional storage space.

Whenever attics are completed, they become a permanent part of the existing house and home owners should be discouraged from doing the job in a haphazard or temporary manner. If there is to be any plumbing, it should be installed according to existing codes with good quality materials. The same is true of heating and electrical installations. In many cases builders roughed in plumbing

and stubbed heating ducts to the attic in expansible houses, thus making it easier for him or another builder to come in and have the balance of the work completed by qualified tradesmen.

In this particular house there is no plumbing on the second floor. Subflooring was in place and some of it had to be removed to install the heating ducts and wiring. The insulation previously placed above the first floor was left intact.

Although louvers had been installed in this house when it was built, it is imperative that when an attic is com-



WHERE insulating board plank was applied to walls and ceiling 1 x 3-inch furring strips were nailed to framing members

AREA back of the knee wall was insulated and finished so it could be used for handy built-in storage shelves and cabinets



**PART** of the completed second-floor room. This is one of the corners with a built-in recess for a bed. Note built-in bookcase and corner storage unit

Photos and drawings courtesy Insulite Co.

pleted for living quarters and fully insulated that louvers of adequate size are in place. (See September 1950 *American Builder*, Page 94.) Good, efficient insulation on all sides and the ceiling of rooms built in an attic area is essential for year round comfort as well as heating economy. In this job, three-inch mineral wool blankets were installed with a stapling gun to hold the vapor barrier flanges to the studs until the wall board material could be applied.

Because economy was a factor in the completion of this attic job, as it is in the majority of similar cases, insulation board was chosen as the wall finish, except for the wainscoting and knee walls, where hardboard was used. A thin insulating board was used as backing for the hard board, so that when the two were applied, they equaled the thickness of the regular insulating board finish.

Where insulating board plank was applied vertically the walls were furred out with 1 x 3 strips, 16 inches on centers, to provide a firm surface for nailing.

Ceiling insulating board was applied in large sheets, 4 x 8 feet in size, and then scored every 32 inches with a special tool. The scoring not only adds to the attractiveness of the ceiling finish, but serves to conceal the joints. Lattice strips and moldings were applied to cover joints at ceiling, sloping wall and knee walls.

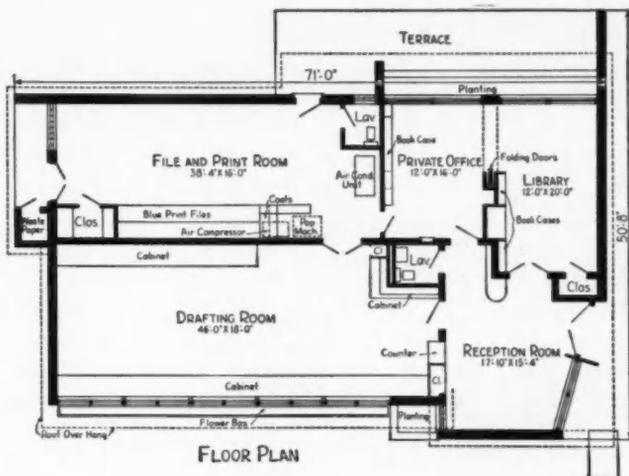
The fact that there was heavy insulation between the first and second floors, installed by the original builder, and because the family was attempting to hold total costs to a minimum on this job, the subflooring in the attic was sanded and finished so that it is satisfactory as a temporary floor. Plans call for finishing it eventually with rubber or asphalt tile.

The attic expansion job shown on these pages was selected by the Insulite Company for study as typical and a careful tabulation of all costs was made, with the exception



**DOORS** in the knee wall provide easy access to storage area

of the carpenter-contractor labor. The other costs are as follows: Insulating Wool, 960 sq. ft., \$48.00; Durolite Plank, 350 sq. ft., \$34.00; Durolite Interior Board, 192 sq. ft., \$13.50; Leatherite, 416 sq. ft., \$62.40; Graylite wall-board, 352 sq. ft., \$22.89; electrical wiring and fixtures, \$35.00; heating ducts, \$50.00; lumber, \$80.00; hardware, \$17.65; paint and sander, \$18.00. Total, \$381.44.



## Planned for Maximum Lighting

**New office building for architects incorporates latest innovations for maximum efficiency**

**I**N PLANNING their new building, which is reasonably small and compact, and arranged primarily to accommodate their own activities, Mann and Company, architects, Hutchinson, Kansas, gave first consideration to the position of the large drafting room and the lighting of this and other rooms.

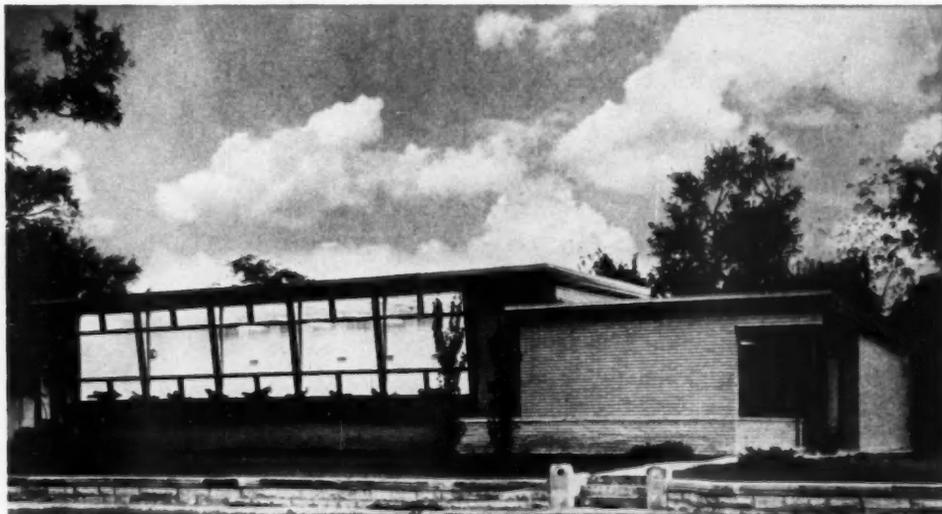
With the building placed on a north-facing lot, the drafting room was planned to spread across the en-

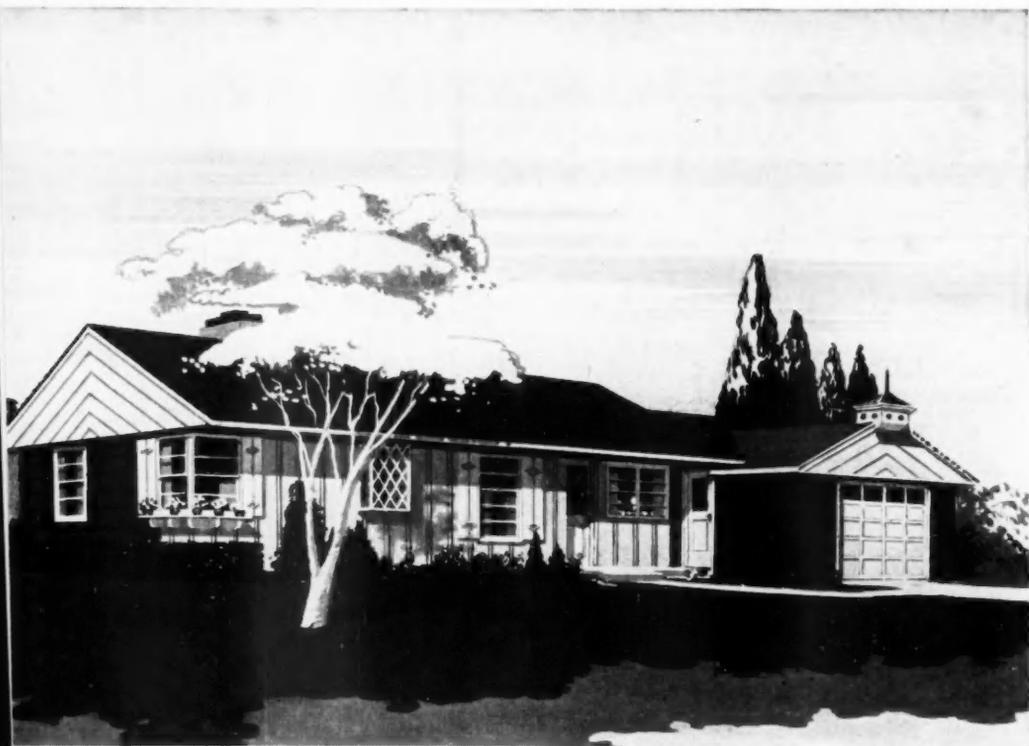
tire front of the main structure. This in turn permitted an unusual fenestration with large windows extending to underside of open web steel joists. These windows are angled outward from the bottom to eliminate glare. A continuous planting box at the sill provides a decorative note.

The roof of the drafting room portion of the building, which has a sloping shed roof, extends above the roof of the adjoining rooms. A battery of directional glass block openings along the south wall of the drafting room is placed between the level of the two rooms. In this manner the drafting room is diffused with a soft controlled natural light on both sides.

Exterior masonry walls are 12 inches thick backed up with 8 inches of Haydite block. This block is exposed in the drafting, file and print rooms to take advantage of its acoustical properties. Surface of the block is painted a light color. U. S. Gypsum Pyrofil slabs are laid over the exposed open web steel joists to form the roof over the drafting room. Fiberglass insulation is placed between the slabs and the finished prepared roof.

The building is completely sealed with all Thermopane fixed units. A Carrier air conditioning system is located over the drafting room lavatory. This provides comfort for working in all kinds of weather. Heat, which is provided through a Bryant gas-fired boiler, is a combination of radiant coils in a slab supplemented with wall fin radiation and some standard cast iron radiators. Cost of the building was \$45,000.





## ***A Home for Two or More***

### **AMERICAN BUILDER**

#### **Blueprint House**

#### **Number 52**

**Norman R. Johnson**

Further information and complete  $\frac{1}{4}$  inch scale blueprints available on this house from American Builder Plan Service, 30 Church Street, New York 7, N. Y.

**A** HOUSE PLANNED to be large enough to meet emergencies, yet small enough to be cozy, is a rare product. When this is accomplished, the house can be considered successful, both from the owner's and builder's standpoint.

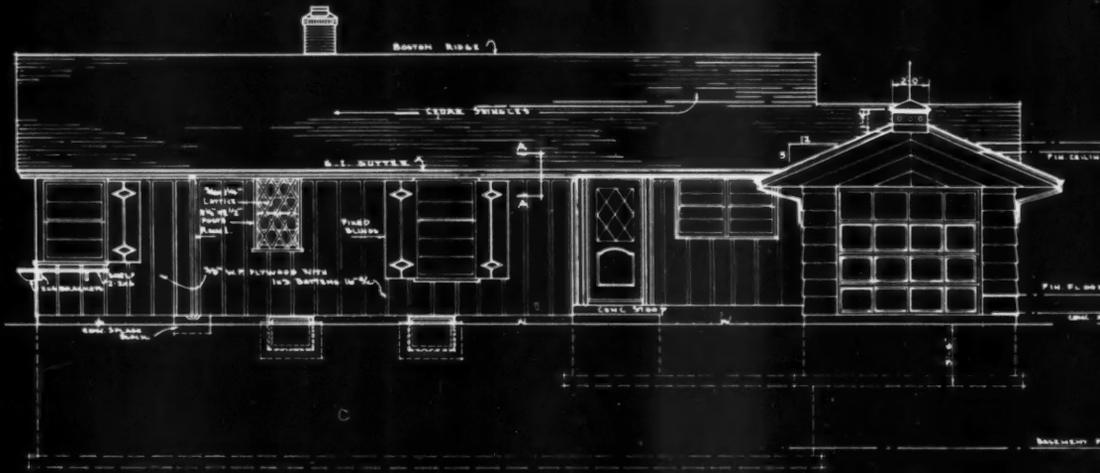
This month's Blueprint House, designed by Norman R. Johnson, architect, St. Paul, Minn., has the quality of being intimate and yet roomy. The three bedrooms are arranged in such a manner that if the family were small the bedroom adjoining the vestibule could substitute as a study, den or possibly, an office. The entrance door to this room is convenient to the vestibule while an opposite door gives direct access to the bathroom. No space is lost getting to the other bedrooms. A small service hall makes the bathroom available to all three rooms.

The fireplace positioned in the far corner of the living room is a happy

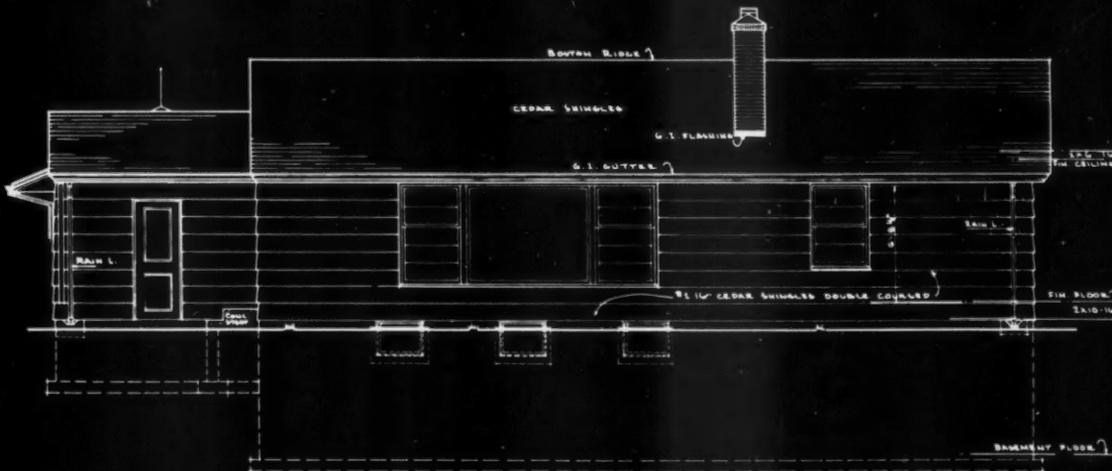
arrangement. It makes a pleasant conversational area without intruding from the necessary traffic. Placement of the kitchen toward the front of the house is desirable. The entrance door then becomes just a short distance from the work area of this room. The two entrance doors to the garage, one front, one rear, make an efficient setup. Full basement completes an orderly arrangement.

The exterior follows the general trend in this type of house, except that points of interest on the street elevation are emphasized. These include the entrance with a moulded side frame; bathroom window with wood lattice screen acting as a shield; cutout blinds for main windows, and flower pot shelf at sill of corner bedroom window.

House contains 1117 square feet of living area, not including garage or basement. Garage contains 264 square feet.



FRONT ELEVATION  
SCALE 1/4" = 1'-0"

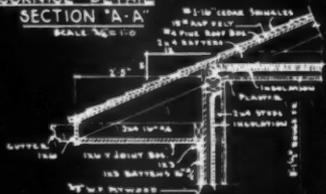


REAR ELEVATION  
SCALE 1/4" = 1'-0"



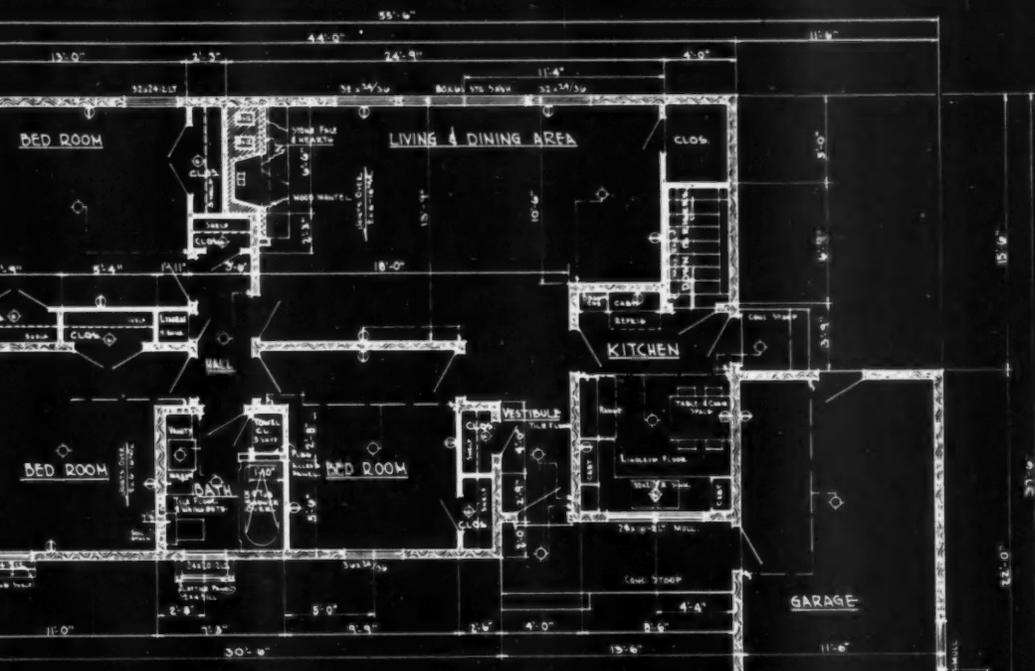
RIGHT ELEVATION  
SCALE: 1/4" = 1'-0"

CORNICE DETAIL  
SECTION "A-A"

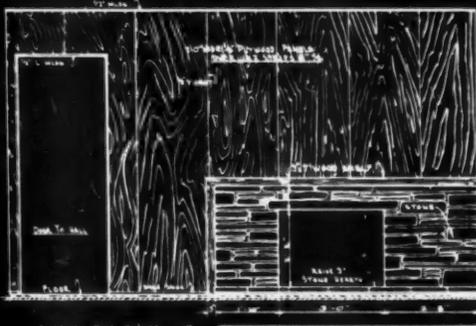


LEFT ELEVATION  
SCALE: 1/4" = 1'-0"

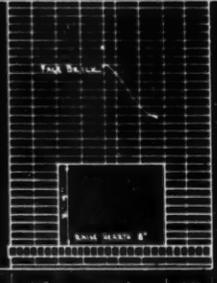




FIRST FLOOR PLAN



LIVING RM. FIREPLACE



BASEMENT FIREPLACE

DESIGN NO A.B.166

AMERICAN BUILDER BLUEPRINT SERIES

Designed By

NORMAN R. JOHNSON ARCHITECT.  
664 So. Cleveland Ave., St Paul, Minn.

Simmons Boardman Pub Corp. 79 W Monroe St. Chicago, Ill.



ROOF of Trails End Court, St. Petersburg, Fla., is made of Flexicore concrete slabs. Shown here is form for casting beams

### Motor Court Construction —

## Precast Slabs Permit 8-Foot Overhang

**A pleasing, restful design, fire resistance, and savings in maintenance and insurance costs are highlights of Trails End Motor Court, St. Petersburg, Florida**

**A**MONG features of motor courts that appeal most to owners and to those who use them are fireproofing, sound-proofing, attractive exterior and interior appearance, and adequate domestic facilities.

These features, and others, were incorporated in the Trails End Motor Court in St. Petersburg, Florida, primarily through the use of a comparatively new building material for that area. The material, Flexicore prestressed concrete slabs, effectively enhanced the design through providing 8-foot overhangs. It increased fire-resistance of the structure to the tune of an \$850 saving a year in fire and wind insurance.

Living rooms in the \$175,000 motor court are 16 feet wide, and cantilevers on both sides are eight feet wide. A 32-foot continuous slab is required for

the roof, and since this is more than the maximum length of Flexicore slabs, two 16-foot slabs were used. These are supported near their centers on the outside walls. A 12-inch space was left between the ends of the slabs in the center of the living room, where 12x10-inch steel reinforced beams were cast. Concrete, reinforced with ½-inch dowels, 2 feet O. C., was vibrated 18 inches into the Flexicore cores at the same time the beams were cast to form a solid roof structure.

Walker and Hawk, contractors for the job, reported, "We were very well satisfied with installation of Flexicore. Although the installation was unusual, with large cantilever overhangs and long slabs (up to 22 feet, 6 inches), Flexicore greatly expedited our job . . ."

In Trails End Court, 12,200 feet of

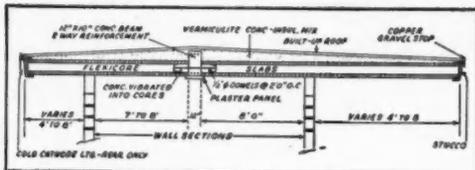
Flexicore slabs were installed. Superimposed load requirements varied from 40 to 80 pounds per square foot. The built-up roof was insulated with up to 4 inches of vermiculite fill on top of the prestressed slabs and weather-proofed with tar and gravel. The ceiling of the structure was the exposed edge of the slabs, painted.

Though Flexicore slabs can and are used in many cases in warm air radiant panel heating, they were not in this case. Plumbing was installed in poured concrete floor and concrete block side-walls. Vent stacks were installed through the Flexicore slabs. Electrical conduits were placed under the poured concrete slab floor, in the block side-walls, and over and through the Flexicore before vermiculite concrete was poured.

Trails End Court, designed by



SLABS with prestressed steel reinforcement made 8-foot cantilevers possible. Finished ceiling is Flexicore, painted



SINCE LIVING ROOMS are 16 feet wide and cantilevers on both sides are 8 feet wide, a 32-foot continuous slab is required in Trails End Court. Two 16-foot slabs, supported near their centers on outside walls, were used. In 12-inch space between ends of slabs in center of building, 12x10-inch reinforced beams were cast

Architect William B. Harvard of St. Petersburg, is one of the most attractive and desirable units of its kind on St. Petersburg's Gulf Beaches. It has 21 units available for rent, ranging from 3-room apartments to overnight hotel accommodations. It is designed to give its patrons as many conveniences as possible, with a minimum amount of effort or disturbance to adjoining occupants.

The court is located directly on the Gulf frontage, with a wide private beach separating it from the water. The building has a 160-foot frontage, with two wings extending towards the Gulf. Parking facilities are conveniently provided at the rear of each unit. This area is near the cantilevered roof overhang, which provides shelter for a walkway that runs the full length of the rear of the wings.

The front of the Trails End units faces a large court and has an 8-foot-wide loggia, or open gallery, covered by the cantilevered roof construction. This extends the full length of the court. During inclement weather the cantilevered roof enables sheltered movement to any point in the project.

Both the interior and exterior of the courts offer an appearance that attracts tourists and other clients. For



BEAUTIFUL landscaping, proximity to beach, and wide overhangs of building make Trails End Court a restful, attractive place for tourists



**OVERHANG** offers shelter near parking area in rear of Trails End Court, and around almost entire building

sunny Florida, the wide overhang and open gallery offer practical appeal. Interiors of the rooms are handsomely decorated; are well planned, and functional.

Construction used in the courts should offer valuable ideas to builders who are planning or building homes of contemporary design, where overhangs are a prime consideration.

The Trails End Court was a profitable experiment for the architect, the builder, and for Owner William A. Weber. Weber was particularly impressed with the speed of construction achieved by using the prestressed slabs.

After the Court was completed, Weber wrote: "The Flexicore roof exceeded our expectations as to ease

and speed of erection, and its finished appearance. Beauty, permanence, long-time economy, adaptability at competitive cost, give Flexicore a prominent place in modern design and construction."

The prestressed slabs were manufactured by W. R. Bonsal Co., Inc., Lilesville, North Carolina, and erected by the Florida Flexicore Co.



**TEMPORARY** shoring supported cantilevers while reinforcing beams were cast. Beams eliminate center supports in living rooms.



**KITCHEN** has overhead lighting for dining; also four recessed ceiling lights



**THIS** 14x23-foot living room has six recessed ceiling lights, fluorescent cove lighting above the window, and six duplex convenience outlets



**LIGHT** in this bedroom, as well as over windows in living and dining rooms, comes from General Electric's new "de luxe warm white" fluorescents

## LIGHTING *and*

**I**F ANY BUILDER needs to be convinced of the practicality of including adequate wiring in a home, Theodore Kirkpatrick, of Los Gatos, California, should provide the clinching argument. He believes good home lighting, used as a sales feature, has potentialities that many builders are overlooking.

Last year, while Kirkpatrick was planning a model home for his 82-lot Blossom Hill Manor tract in Los Gatos, he wanted a sales feature that would draw people to the home and the tract. LeRoy H. Bennett of the Northern California Electrical Bureau suggested wiring as the feature. The idea was as sound as offering well planned kitchens, since the object of both adequate wiring and good kitchen planning is to provide greater home comforts and conveniences. Result of the Kirkpatrick-Bennett discussion was "Sunrise House," appropriate name of the Blossom Hill Manor model home, replete with the latest ideas in wiring and lighting.

"Sunrise House" was opened to the public June 4. Within two months, more than 6,000 visitors went through it, the entire 82-lot tract was sold out, and Kirkpatrick, with assurance he knew what the people wanted, was planning another 82 houses—all to feature adequate wiring.

There was no magic formula in the Kirkpatrick approach to wiring. He merely wired the homes in such a way that the normal family needs for lighting could be fulfilled. He realized

# ELECTRICAL LIVING *Sell Out Tract*

**Within 60 days, a model home with adequate wiring as a feature drew 6,000 visitors and helped sell an entire 82-lot tract**

that the difference in lighting needs in a home and a factory, for example, is that the former needs light for reading, games, conversation, work, and dining; the latter, for work. The living room of Sunrise House offers general, over-all light for a conversation group provided by lights behind cornices at the top of window draperies. Recessed, concealed down lights in the ceiling, provide illumination for reading, work, or games. These are supplemented with numerous convenience outlets for floor or table lamps.

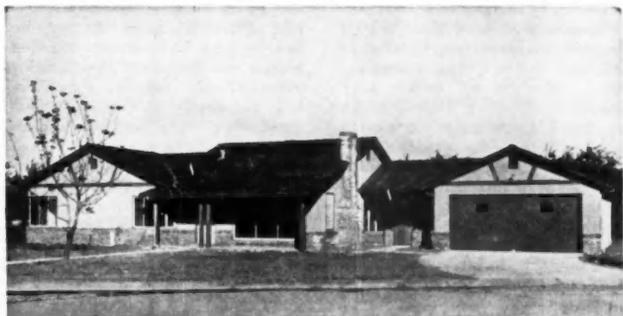
Kirkpatrick stated that the crowds were most enthusiastic about the engineered lighting, the electric kitchen, and the electric laundry. But Sunrise House had other significant features. The floor of the dining room, kitchen and breezeway is red clay tile in 12-inch squares. One entire wall of the dining room is brick with a brick fireplace and barbecue in the center, with a copper hood. A counter 6 feet wide by 2 feet deep between the kitchen and dining room serves as a breakfast bar where four to six may eat comfortably. An innovation here is the Owens-Illinois Rock Crystal glass panel which slides down when it is desirable to close the kitchen from dining room view, and up into the attic when the counter is in use. The panel is balanced by a 250-pound weight in the attic space, so it rolls up and down easily.

The kitchen has the new Hotpoint flat top or cabinet water heater, as well as the Hotpoint sink containing dishwasher, garbage disposal unit and Hotpoint steel cabinets. The counter top is Formica; there is a Pryne exhaust fan.

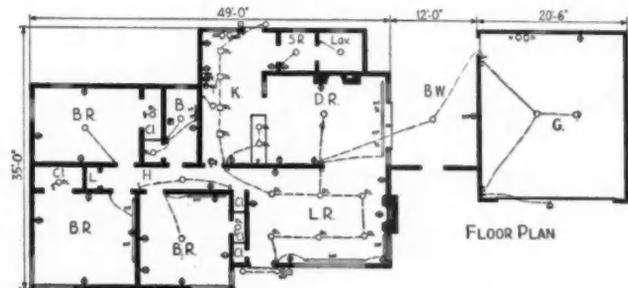
Blossom Hill Manor homes sold from \$10,000 for two-bedroom models with 996 square feet to \$14,000 for the three-bedroom homes with 1,200 or more square feet of floor space. There were seven floor plans and a great number of elevations. Some of the homes have flat roofs and in these the ceilings were beamed. Interiors are finished with Sheetrock, textured or papered, and combed plywood was frequently used for variation.



**AERIAL** view of the 82-lot Blossom Hill Manor tract as it looked when partially completed. A second development of 82 houses was started when these were sold



**DURING** the first two months the "Sunrise House" was opened to the public more than 6,000 visitors went through it. The 82 houses were sold out in record time



**BUILDER** Kirkpatrick worked out wiring and lighting details on his model house with the Northern California Electrical Bureau. It proved to be an excellent sales feature

# Radiant HEATING With Glass Wall Panels

Studies made on test houses and other structures equipped with electrical radiant glass panels are establishing a pattern for costs on this type of automatic heating



ELECTRICAL radiant glass heating panels installed under bookcases in living room

THE POPULAR misconception that electrical heating for homes, offices and stores is too expensive to be economically feasible is being dispelled rapidly by the success and moderate operating costs of radiant glass heating panel installations. The Continental Radiant Glass Heating Corporation first offered its panels to the market in October 1948 and up to the present time more than 100,000 complete jobs have been installed in the United States. A number of competent and thorough studies have been made of several typical homes and small commercial structures heated with the glass panels.

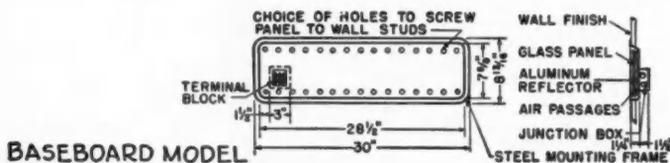
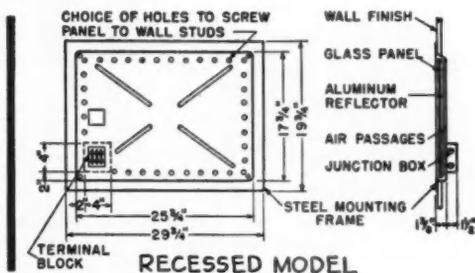
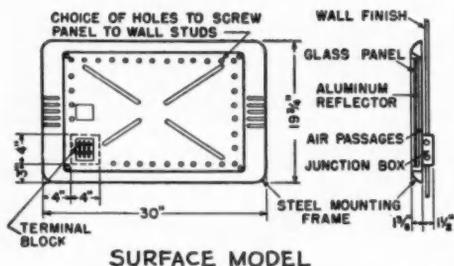
The units consist of a quarter-inch thick 16x24-inch rectangular glass panel with an aluminum grid fused

to the back of the glass. The glass used is 20 times stronger than ordinary glass and is almost impossible to break. An aluminum reflector is placed between the glass panel and the back of the mounting frame. Electricity passing through the aluminum grid raises the temperature of the grid and glass panel to as high as 340 degrees F. Temperature differentials cause air to circulate through vents at the top and bottom of the panel, thus heating with a combination of convection and radiation. The heated glass panel, when warm, acts as a radiating surface. The panels have been tested and approved by FHA, the Electric Testing Laboratories and many leading electrical utility firms

throughout the country. Even though the surface temperature of the glass at times approximates 300 degrees F., persons do not receive burns on contact because of the insulating qualities of the glass. Thermostats provide automatic operation to assure uniform temperatures at desired degrees.

In a house, for example, the panels are usually installed with separate controls for zones in the home, or for separate rooms. There are two basic types. One which is designed for recess into the wall and one which can be installed on the surface of a wall. The latter is used in completed structures during remodeling or modernization where

(Continued on page 208)



DETAILS of construction and installation for three types of Glasheat electrical radiant panels are shown here

# One Front Is Enough

By R. E. Saberson

"A vast destructive momentum is at work in the world today and sanity has yet to find a way to stop it." So we read. The sentence well describes our international situation.

As a result we are deluged with floods of bad news that comes to us in the heavy headlines of the daily papers, the panicky predictions of critical columnists, and the breathless outpouring of radio commentators. We are inundated with sensationalism until we know not where to turn our heads. We seem to have forgotten that even good news can be news.

It isn't that we can't take it. Far be it from such! Actually we are so hell-bent on dishing out despair that we appear to have forgotten all about the good that lies dormant within us and without which we cannot succeed at any project we shall undertake . . . internationally, nationally, industrially or individually.

It is passing strange that a spirit of defeatism should grip the hearts of so many men and women who live in the richest nation on the face of the globe. Sure thing Washington is in pretty much of a mess. Small men came into power because most of us were so busy making and spending money that we didn't have the time to go to the polls and elect better men. But it should not be forgotten that great leaders invariably emerge from emergencies and there is nothing to indicate that history will not repeat itself.

## Forced Prosperity

One trouble is, we have had too much forced-draft prosperity. It has reared its head high for the longest period in our history. Instead of something greatly to be desired it now is turning into a menacing phenomenon that is yet to take its full toll.

Prolonged, unprecedented prosperity is anything but a good conditioner. On the other hand, it weakens the muscles we need to keep us strong and fit for the hard tasks ahead.

Bob Zuppke, famed football mentor, once made the observation that the hardest thing any coach has to overcome is a long series of easy victories.

We have had our easy victories for so many years we find it difficult to believe we shall now have to really

take off our coats and go to work. But that isn't all. Perhaps we may even have to give up temporarily the accumulation of more and more things and to invest our earnings in the perpetuation of a way of life we have enjoyed greatly and one that seems to be far more preferable to any other that has been known to mankind.

We talked much of our "problems" during the past several years when we couldn't get enough materials or manpower to build as many houses as we could have sold.

Such shortages really were not problems at all. True, they were annoying but actually they were blessings in disguise since they were the result of such a huge demand that we could sell houses at a profit as rapidly as we could build them.

## Spiritually Weak

Now we are up against an entirely different situation and the question is how well are we equipped to meet it.

We might as well face the obvious fact that easy going prosperity has weakened our spiritual armor. We have succeeded right well from a materialistic standpoint and we have done things mechanically that no one ever dreamed could be done but we have not made comparable progress in the development of the finer emotions which will hold us together as a free people . . . friendliness, confidence, hopeful faith, zeal, loyalty and brotherly love. We have all but forgotten the fundamental concepts of "You treat me the way you'd like to have me treat you."

This doesn't mean that we must give up all the things we have earned by the sweat of our brows but that the time may be near at hand when we shall have to rekindle our flagging spirits. Defeatism has no place in the thoughts of any one who has enjoyed what America has given him.

Our enemies are surcharged with a fanatical zeal that surpasses any emotional upheaval in history. The only weapon that will defeat it is a stronger belief in a better cause . . . a solid front—not labor versus capital, or Democrats versus Republicans, or big business versus little business, or race against race, or sectarianism versus sectarianism. Survival assuredly will not be achieved through the ability of any group to grab off one more round of wage in-

creases or by any company striving to make another price advance.

It has not come home to us yet that wars cannot be won on distant battle fronts alone. What we do at home is of even greater importance. There are far too many of us who don't want to be bothered with an all-out mobilization program or a war. It would be much more pleasant for all parties concerned if we could have broken another home building record in 1951.

Or would it?

Actually we have never been able to keep right on going up indefinitely. Perhaps there had to be a leveling off. Booms turn into busts and busts usually don't leave many pieces worth picking up.

Now we veer our course in another direction. We have (or should have) a different objective. The light construction industry has a new job. It must provide defense housing, farm buildings (food factories), military structures, essential industrial plants . . . and maintain existing structures so that replacement can be postponed as long as possible.

## Can Industry Do Job?

How well is the industry equipped to do the job?

The answer, fortunately, was written in letters of gold during the post-war years when home construction records were smashed to smithereens, not by the blundering bureaucrats with taxpayers' hard earned dollars, but by hard-working, intelligent home builders who went ahead and did the job on their own know-how.

The five-year record of the home building industry ought to convince any bureaucrat that his efforts should be expended in other directions. Yet in the din of preparation for adequate protection for our way of life . . . our homes . . . our schools . . . and all our precious heritages, we are already beginning to hear more and more about public housing in one guise or another.

If we are to maintain our precious freedoms . . . if we are to generate a national spirit that will enable us to cope with the fanatical zeal of our enemies, we should not be called upon to protect our industrial way of life at home while fighting in some foreign clime to preserve it. One front is enough.

# UNIT PLANNING

By the  
**Small Homes Council**  
**University of Illinois**

**H**OUSE PLANS which permit standardized construction practices and yet avoid the appearance of being "mass produced," are now under development through a system referred to as unit planning by the University of Illinois Small Homes Council. Typical of the houses that can be developed from these units are the two at the right designed by National Plan Service, Chicago. National Plan Service has published a book including these two, and 26 other plans.

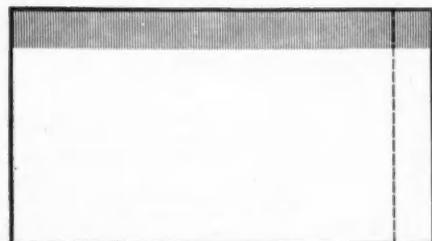
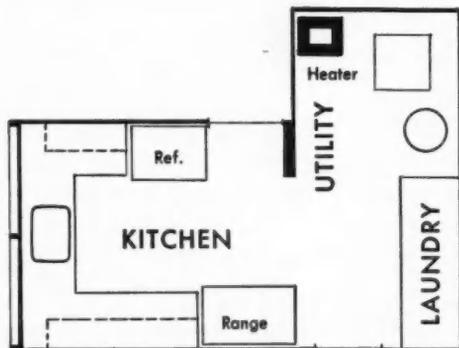
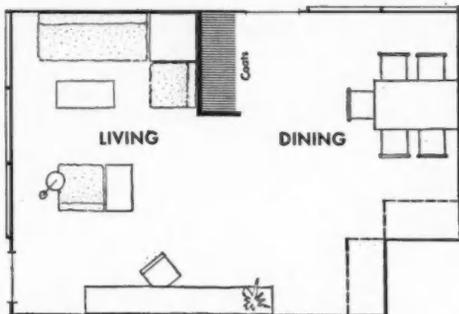
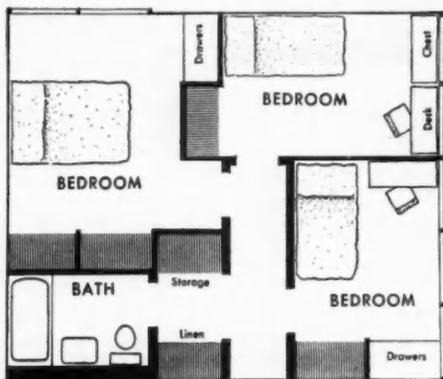
A large number of standardized house plans can be developed by integrating the four basic units—living-dining area, a work area, sleeping area, and a garage. Each unit is carefully planned within itself without regard to the rest of the house or exterior. For example, the bedrooms in the sleeping units have an acceptable relationship to the bathroom and the linen closet which are parts of the unit. The bedrooms are large enough to accommodate the usual pieces of furniture and have a pre-determined amount of storage space. Such a unit of bedrooms and bath can answer the needs of a dozen houses, no two of which need be alike. The only standardization is the rooms themselves.

Since other units are similarly designed, considerable variety in appearance and flexibility in room arrangement is offered in planning a house. This flexibility is essential because different families use a house in different ways. Moreover, flexibility in the structural design of a house and in the materials is also possible. In combining the units into a house plan, the builder has his choice of exterior materials, roof types, floor construction and materials, heating system, and extra elements, such as fireplaces, and outdoor terraces. The units are designed for one-story basementless houses; however, alternate schemes for the work area units have been developed to show basement stairways.

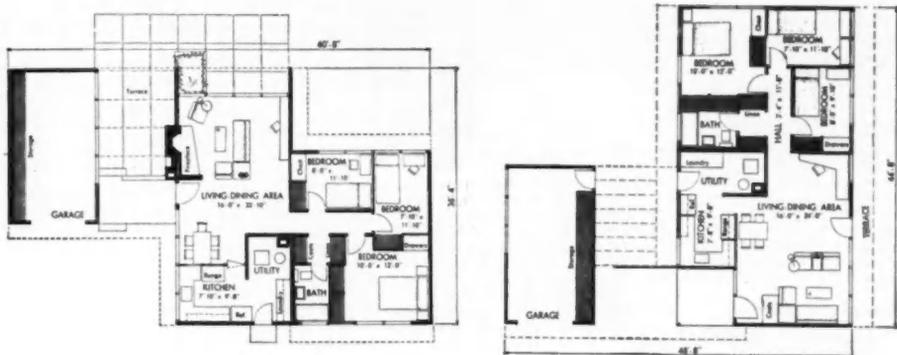
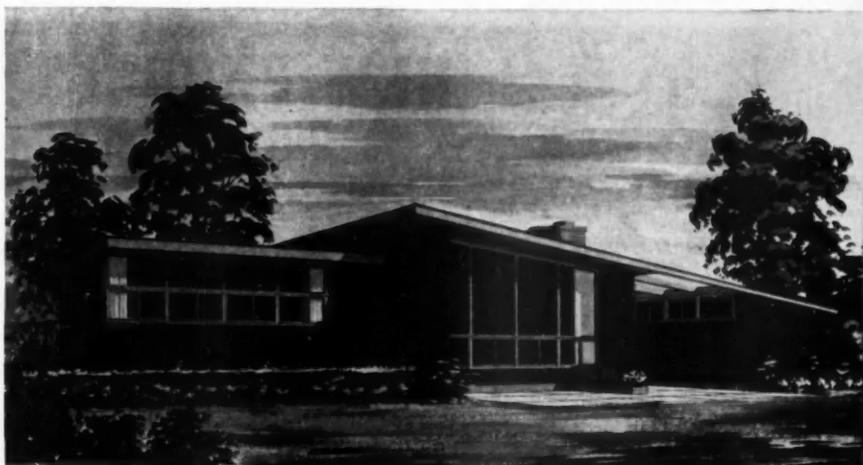
Each series of units provides for a wide variety of room sizes. Minimum houses, as well as larger ones, can be built from the units. In order to insure the livability of the units and the houses developed from them, the sizes of the living-dining areas and the bedrooms were determined by studies which involved furniture, traffic lanes, and possible door and window locations. The work areas were designed in accordance with space and storage standards established through research at the University of Illinois.

This new method, which is the result of a project sponsored by the Lumber Dealers Research Council, was presented to the builders assembled at the sixth annual short course in residential construction, held at the University, January 17-18, 1951. House design and planning were the principal topics of discussion during the course. A poll among the builders during the fifth such course indicated the rising interest in design. The next most popular topic at the short course was land planning and subdivision development. These subjects were covered in detail by the Council staff and University members.

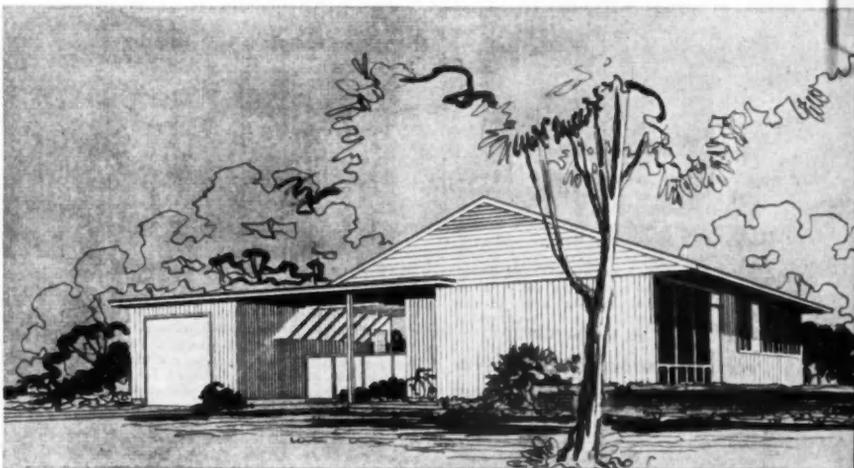
**PORCTIONS** of a house, as shown in the four drawings at left, are subdivided into one room or a group of rooms and referred to as units. These units are modularly designed (planned on a four inch basic measurement) and can be grouped in many different combinations to form interesting plan patterns

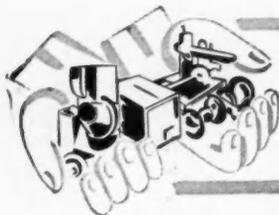


THE HOUSE at right, and plan below, show a grouping of typical units. In the living-dining space fireplace is substituted for closet



ANOTHER example of planning with space units is shown at right with plan above and at right

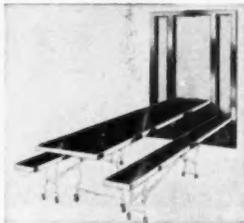




# NEW PRODUCTS

## Offered by Manufacturers

### BUILT-IN TABLE, CHAIRS AB45121

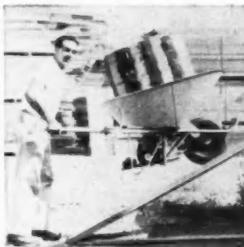


In-wall table and bench unit is designed to accommodate numerous requests from school officials across the country. Features standard 13x8-foot tables, 25 inches high. Will seat 10 students on each side. Height of benches allow smaller children to rest their feet on the floor. Schieber Manufacturing Co., Dept. AB, 12720 Burt Rd., Detroit, Mich.

### PLAN SERVICE DISPLAY AB45115

Counter display rack for home plan books published by Home Building Plan Service is designed especially for lumber dealers. Occupying a minimum amount of counter space, the attractive rack will hold 12 or more books. Display card attached to it briefly lists the publications in which Home Building Plan Service advertising is carried. Home Building Plan Service, Dept. AB, 2454 NE Sandy Blvd., Portland, Ore.

### POWER WHEELBARROW AB45113



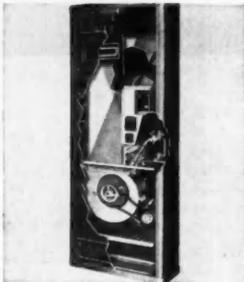
"Pow-R-Barrow" self-powered wheelbarrow will pull a full load up a 40 per cent grade. Compression acts as a brake on the downgrade. Speed on the level is a comfortable walking pace. Main advantage of the new machine is to eliminate most of the effort, rather than to materially speed up the operation. Air-cooled engine is mounted beneath bed and drives by friction on the tire tread, with simple controls all on the right handle. S and S Vending Machine Co., Dept. AB, San Jose, Calif.

### PORTABLE SCAFFOLDING AB45110

Portable scaffolding, built up from lengths of aluminum or steel tubing and quick-acting clamps, may be assembled with ordinary wrench. Unskilled workman can set them up for all kinds of construction and maintenance work. Basic parts are light but strong, easy to handle, easy

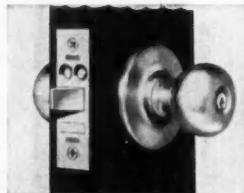
to assemble and easily adaptable to any working conditions. In erecting a tube-and-clamp scaffold, the vertical tubes are set up and linked together at intervals with horizontal members. The horizontals are arranged both parallel and at right angles to the working surface, forming a box-like, rigid structure. Safway Steel Products, Inc., Dept. AB, 6234 W. State St., Milwaukee 13, Wis.

### FURNACE-SPACE HEATERS AB45120



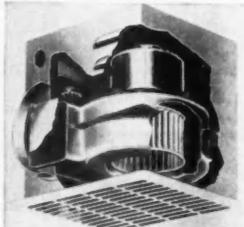
GHSS gas-fired furnace requires less than 3 square feet of floor space, and serves as a vented wall heater as well as a space heater and utility furnace. Used as a furnace, heat may be delivered in any direction through ducts connected to front, sides, back, or top of cabinet. Installed as a space heater, the low resistance grilles furnish warm air circulation with minimum resistance. Compactness is due to the inclusion of efficient wadgetube heat exchanger. Built-in plenum chamber and draft diverter. Fully automatic controls. Approved by AGA as a vented wall heater and forced air furnace for use with natural, mixed, manufactured, LP, and LP-air gases. Ingersoll Products Div., Dept. AB, Borg-Warner Corp., 760 E. Vine St., Kalamazoo, Mich.

### RESIDENTIAL LOCKSET AB45109



A new, light duty model of the Sargent Integralock, designed for residential entrances, is a mortise lockset with sealed, tamperproof case, offering the security of a deadbolt and a protecting shearpin in the knob. It requires an extremely small mortise. Design of knob and trim harmonize with modern decor. Features popular key-in-knob action, and is offered with either round or square escutcheon plates in four finishes. Excellent for apartments and housing developments as well as individual residences. Sargent and Company, Dept. AB, New Haven, Conn.

### BATHROOM VENTILATOR AB45116



Equipped with a time-delay switch, the Trade-Wind Clipper bathroom ventilator will completely exhaust all odors, dampness and steam from shower or bath before automatically shutting itself off. The switch can be set for any period up to 30 minutes. Unit is installed in ceiling and vented to the outside. Four-inch blower wheel, driven by a 1/75 h.p. motor, delivers 100 CFM. Motor is located entirely outside the air stream, minimizing service problems. Trade-Wind Motorfans, Inc., Dept. AB, 5725 S. Main St., Los Angeles 37, Calif.

### PACKAGED AIR CONDITIONER AB45108

New 11-ton packaged air conditioner is equipped with sealed radial compressor which operates at 3,500 r.p.m. Unit has cooling capacity of 132,000 B.T.U.'s. Compressor, directly connected to compressor motor, is cushioned mounted for quiet operation and sealed in a bath of oil for lifetime performance. Return air grille is equipped with cleanable type filters. "Maxifin" cooling coil is used to produce greater heat transfer per pound of weight, and combination condenser and receiver is equipped with coil-type spiral finned water passages. Air-temp Div., Chrysler Corp., Dayton, Ohio.

### CARRY-IN FIREPLACE AB45104



The pre-built "Hearthplace," a carry-in fireplace, comes complete with chimney and can be installed in one day. Fire chamber and dome are steel, designed to be installed with one of the many Underwriters' approved prefabricated chimneys. Insulation is listed as standard by Underwriters' Laboratories to take up to 1,400 degrees F. For use in the living room, den, recreation room, they are available in either wall or corner models. Variety of finishes. Width in front, 40 inches; in back, 36 inches. LaSalle Products Co., Dept. AB, Elkhart, Ind.

New products continued on page 192

AMERICAN BUILDER



ALL YOU COULD ASK FOR  
*in an overhead type door*

*Whatever* you want in an overhead type door—for commercial, industrial or residential application—Ro-Way has it, and *more!*

**BEAUTY**—the eye-catching good looks of clean, simple lines that blend so well with any style architecture.

**MATERIALS**—selected west coast lumber, and heavy gauge steel hardware—all fabricated in Rowe's own plant. Hardware Parkerized and painted *after* fabrication.

**CONSTRUCTION**—none better! Mortise and tenon joints glued and steel doweled. Muntins, rails and stiles precision-squared. Sections rabbeted to assure weather-tight joints. Millwork both drum sanded and hand sanded.

**FEATURES**—for smooth, easy operation. Power-metered springs. Friction-reducing track. Ball bearing rollers with double-thick tread. All exclusive with Ro-Way.

**MODELS**—standard and special sizes and styles fit practically any need.

All you could ask for—and more, besides! Yours—with Ro-Way Overhead Type Doors. Specify Ro-Way and get what you want.

*there's a Ro-Way for every Doorway!*



Nationwide sales and installation service. See your classified telephone directory for names and addresses of Ro-Way distributors.



ROWE MANUFACTURING COMPANY • 782 Holton St., Galesburg, Illinois

## NEW PRODUCTS

(Continued from page 190)

### SWEDISH HARDWARE

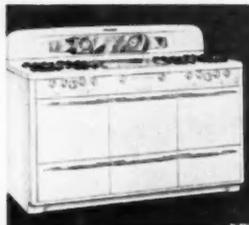
AB45102



T and strap hinges, barrel and window bolts, hinge and safety hasps, shelf brackets and corner irons have been added to line of builders' hardware imported from Sweden by General Steel Warehouse Co. Bright steel and japanned finishes are predominant in the line that is reported to be priced competitively and available for immediate delivery. Gensco Tool Div., General Steel Warehouse Co., Inc., Dept. AB, 1830 N. Kostner Ave., Chicago 39, Ill.

### GAS RANGES

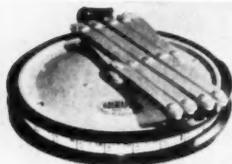
AB45107



New 1951 Roper gas ranges are completely restyled, and appear longer and lower. Features include new deluxe door handles of chrome, "silent-glide" drawers and broilers, Roper Alltral "center-simmer" top burners with keep-warm heat, newly designed oven racks for safe convenient usage and easier cleaning, and the addition of enameled storage drawers. "Signalite" indicates when baking oven has reached desired temperature. Sizes include 21, 36, 38, 40, and 58 1/2 inches. Designed for all gases, including LP. Geo. D. Roper Corp., Dept. AB, Rockford, Ill.

### ROLLER TAPE

AB45111



Lightweight "Rolotape" for accurate one-man measurements can be used vertically, horizontally or around curves. Permits safe and accurate measurements of from a few inches to almost unlimited lengths by single individual. Recessed tape face on rim or wheel indicates measurement in fraction of inches up to 2 feet. Automatic counter clocks measurements in feet and in cycles of 100 feet. In operation, an audible click is made for every two feet measured and a bell rings at the 100-foot mark. Rolotape, Inc., Dept. AB, 1415-14th St., Santa Monica, Calif.

### GAS FURNACE

AB45114



Model 66 is a Superflex "Homogen-Air" gas furnace which warms the shoulder region as well as the ankle level. It has 3-stage fire and 2-speed blower and the blower is located at bonnet where it is synchronized with the 3-stage fire to assure uniform distribution of warm air at all times. With an input of 150,000 B.T.U.'s per hour, it is ideal for average size homes or larger. Finished in Silverspray brown baked enamel. For use with natural or manufactured gases. Perfection Stove Co., Dept. AB, 7609 Platt Ave., Cleveland 4, Ohio.

### PORTABLE ELECTRIC PLANTS

AB45117

Lightweight Kohler electric plants, for sole source of current or for portable and stand-by use, use gasoline for fuel and are powered by one-cylinder air-cooled engines. Light enough for easy carrying by hand or by light conveyance. Available with automatic or manual starting. Kohler Co., Dept. AB, Electric Plant Div., Kohler, Wis.

### UNBREAKABLE MIRROR

AB45103

Flexmir's unbreakable non-glass mirror is available in silver, gold, pastels and many other colors. It can be cut into circles, squares, arcs and beveled forms. Will not steam up or cloud up in frost, and is shock resistant and light weight. High mar resistance. Flexmir, Inc., Dept. AB, 20-28 Broome St., Newark 3, N. J.

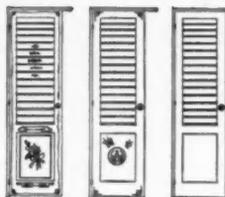
### PORTABLE HEATING PLANT

AB45119

Carpenters, plumbers, painters, or paperhangers will find the twin heater salamanders and a tank of bottled gas a quick answer to their need. Equipment with portable units includes a gas tank, steel standard to hold burners, burners and all necessary connections and valves. Hoods which help to hold the heat are also available. The Star Welding and Manufacturing Co., Dept. Y, 1056 E. 134th St., Cleveland 10, Ohio.

### JALOUSIES

AB45105



Easily installed Jalousies have slatted louvers which help air circulation between rooms. Available in black or chinese red, plain or trimmed in gold, with varied floral designs. Also available unpainted or with gray prime coat, enabling them to be matched with previous color schemes or woodwork. Inglenook Craftsmen, Dept. 1, Box 26, Station O, Cincinnati 8, Ohio.

### PAINT BRUSH BATH

AB45106

Old paint brushes can be salvaged with Cabot's brush cleaner. It restores hardened brushes for use and maintains freshness and vitality in new brushes. Non-caustic liquid solvent is ready to use out of container. Will not evaporate and can be used over and over again. Non-inflammable. For natural or nylon bristle brushes. Samuel Cabot, Inc., 1371 Oliver Bldg., Dept. AB, Boston 9, Mass.

### SHINGLE DISPLAY BOARD

AB45112



Smart, new shingle display board is being used by Philip Carey Mfg. Co., Dept. AB, Cincinnati 15, Ohio, to better display its recently introduced line of modern-colored asphalt shingles. Copy is lettered in forest green on a soft lemon-yellow background. Board is equipped with cardboard easel so that it may be used on counters, in windows or on walls. A board is available for all of the various colors in Carey's asphalt shingle line.

New products continued on page 204

### INSERT NUMBERS AND MAIL COUPON FOR INFORMATION American Builder, 79 W. Monroe Street, Chicago 3, Illinois

Name .....

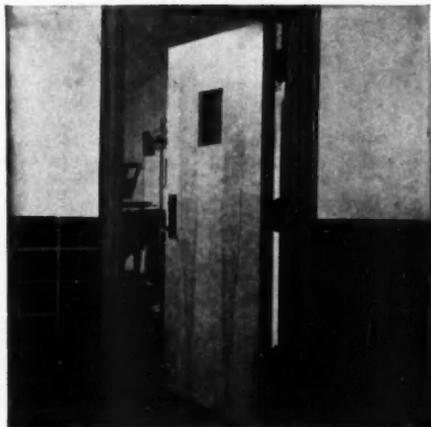
Address .....

City ..... State .....

No. .... No. .... No. .... No. ....

When you address inquiries direct to manufacturers concerning a new product described here, please mention that you saw it described in American Builder

# Sell the Superior Features of Roddiscraft Flush Doors



## Roddiscraft Solid Core Flush Doors

For office buildings, apartment houses, hospitals,  
schools, hotels, institutions

The Roddiscraft Solid-Core Assembly Is —

✓ **Fire Resistant** . . . Independent laboratories have proved Roddiscraft Doors easily exceed the 40-minute fire test.

✓ **Sound Resistant** . . . Roddiscraft Solid Core Doors develop an average sound transmission loss of only 30.9 decibels — a little less than specially constructed sound resistant doors.

✓ **Resistant to Abuse** . . . Roddiscraft construction welds core, crossbandings and face veneers into a single unit with the inherent strength of true plywood construction.

✓ **Waterproof** . . . Recommended for exterior as well as interior use. Phenolic resin glue provides two completely waterproof shields over the entire area of the door on each side of the core.

**Roddiscraft Solid Core Doors Have Standard Thickness Face Veneers\* . . . Better Because —**

1. They resist checking.
2. They permit better matching.
3. They take abuse better.

Roddiscraft construction utilizes 1/10" thick hardwood crossbandings . . . sure protection against core pattern showing through face veneers after finishing.

\*1/28" Thick for Most Woods.

APRIL 1951



## Roddiscraft Housemart Hollow Core Doors

For residences and multiple dwelling units

The Roddiscraft Housemart 7-Ply all-wood assembly is **Light**—Weights 50% less than Solid Core construction.

**Strong** — Core assembly is engineered for strength.

**Generously Made** — Lock blocks both sides, extra wide end rails, double thick edge strips provide ample trim tolerance with plenty of wood left over for safe anchoring of hardware.

**Economical** — A quality product priced for the residential market.

### Roddiscraft Housemart Doors Feature — 7-Ply Construction

1. It is stronger.
2. It is more resistant to distortion.
3. The core pattern will not show through the face veneers after finish is applied.

There is a Roddiscraft Door to fit every specification calling for wood doors. Consult your Roddiscraft warehouse for full particulars.

### NATIONWIDE Roddiscraft WAREHOUSE SERVICE

Cambridge 39, Mass. . . . . 229 Vassar St.	Louisville 10, Ky. . . . . 1201-5 S. 15th St.
Charlotte 6, N. C. . . . . 123 E. 27th St.	Marshfield, Wis. . . . . 115 S. Palmetto St.
Chicago 32, Ill. . . . . 3865 W. 41st St.	Milwaukee 8, Wis. . . . . 4601 W. State St.
Cincinnati 2, Ohio. . . . . 457 E. Sixth St.	New York 53, N. Y. . . . . 920 E. 149th St.
Dallas 10, Texas. . . . . 2800 Madill St.	Port Newark 5, N. J. . . . . 103 Marsh St.
Detroit 14, Mich. . . . . 11855 E. Jefferson St.	Philadelphia 34, Pa. . . . . Richmond & Tioga Sts.
Houston 10, Texas. . . . . 2403 Sabine St.	St. Louis 16, Mo. . . . . 2344 Morganford Road
Kansas City 3, Kan. . . . . 35 Southwest Blvd.	San Antonio 6, Texas. . . . . 727 N. Cherry St.
Los Angeles 58, Calif. 2620 E. Vernon Ave.	San Francisco 24, Cal. . . . . 345 Williams Ave.
New Hyde Park, L. I., N. Y. . . . . Plaza Ave. & S. 18th St.	

# Roddiscraft

RODDIS PLYWOOD CORPORATION, MARSHFIELD, WIS.

NOW . . . Sand Floors with  
**MORE SPEED...  
MORE PROFIT!**

Double your production with

**AMERICAN  
SUPER 8**

On job after job—contractors report this new American Super 8 cuts twice as fast as a standard 8" machine! This greatly reduces time and costs . . . and increases the contractor's profit!

The Super 8 is powered by a specially designed 2 H.P. motor . . . drum driven by vari-speed transmission . . . drum speed range from 1600 to 2800 r.p.m. assures greatest efficiency under varying conditions . . . drum speeds easily selected by "dialing" Drum Pulley . . . great range of drum pressures selected by variable control—52 lb. to 103 lb.—to meet all conditions in floors. Operates efficiently even with low voltage! Has double volume dust pick-up . . . low center of gravity . . . plus many more all-new Super Features! Send coupon for details.

SINCE 1903  
**AMERICAN**  
FLOOR MACHINES



Powerful 2 H.P. motor starts under a "no load" condition due to automatic take-up of motor pulley.



American Sustaining Device provides variable control of drum pressure to meet all conditions in floors.



Single adjustment quickly changes drum speed . . . range 1600 to 2800 r.p.m.

The American Floor Surfacing Machine Co.  
511 So. St. Clair St., Toledo 3, Ohio  
Please send free description and prices on the new American Super 8 Floor Sander. No obligation.

Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_

## No. D-77 Garden Boxes

THREE garden box arrangements are shown on the opposite page. One is in connection with the front wall of a house. The other two are made a part of the fence and garden composition. All of these ideas are applicable in the development of the average home builder's landscape plans.

An interesting treatment of an otherwise plain wall surface is provided in the multi-level flower beds which are made an integral part of the house design. This is indicated at top of detail plate. Framing for boxes is of vertical and horizontal 2x4's, with the portion of vertical 2x4's that is imbedded in ground treated with creosote to prevent premature rot. Each level is provided with a separate metal-lined box.

One background of good landscape planning is an attractive fence around which feature motifs can be placed. The shadow boxes shown in the center of the detail plate provide a protected space for potted plants to lend color to the garden during the off seasons. The wood frame of the fence is covered with asbestos cement board. While the double-framing members of the fence in back of the shadow boxes present an effective pattern, they also serve as supports for boxes that are set at different distances from the corrugated asbestos cement board. Plywood for the back of boxes should be of the "weather-proof" variety. Additional interest may be given boxes by painting the frames in bright colors.

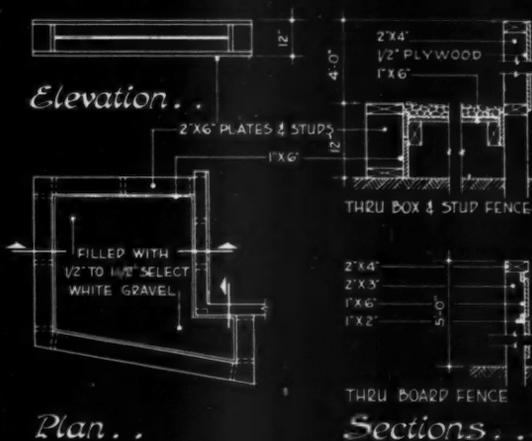
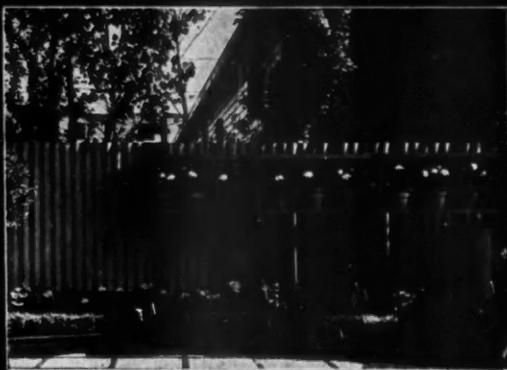
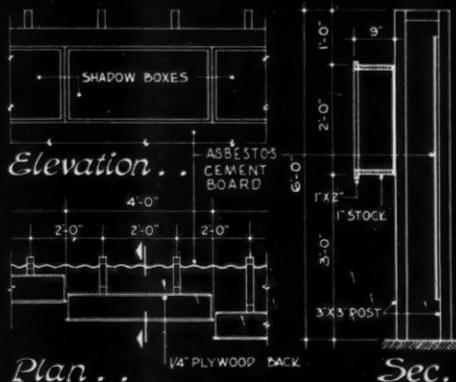
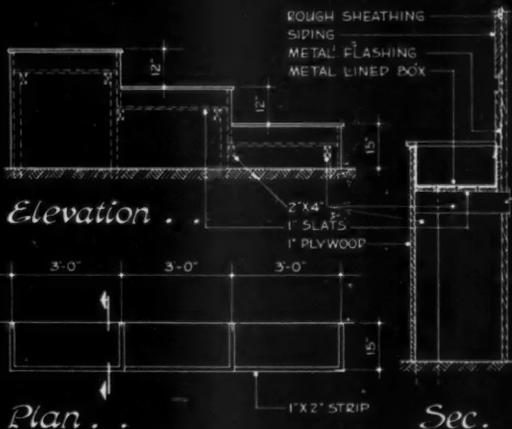
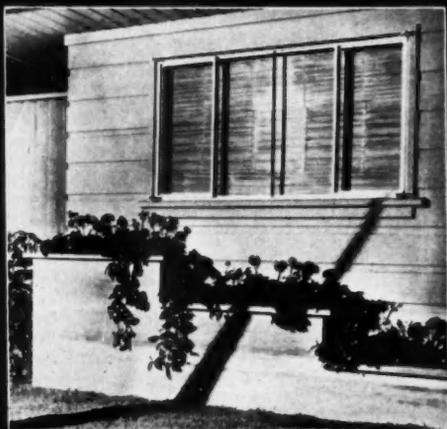
The feature at the bottom of the detail plate is primarily decorative. In the example shown the motif is an ancient piece of driftwood which rises from the corner of a raised bed filled with beach stones and shells. The fence in back is constructed differently on each side. On one side half inch plywood is secured to vertical framing; on the other wood slat boards are laid horizontally; 2x6 vertical and horizontal members placed in front of the raised bed form a seat. When garden features are painted it is suggested that colors used should be of the same shade as the sidewalls or trim of the house.

Let your suggestion pay you five dollars (\$5.00) in cash. This sum is paid by the American Builder for each short cut or job pointer that is accepted for publication. Send all material to Architectural Editor, American Builder, 79 W. Monroe St., Chicago 3, Ill.

# AMERICAN BUILDER'S BETTER DETAIL PLATE

Detailed by K. Roderick O'Neal A.I.A. for *American Builder*

## NO. D-77 GARDEN BOXES . . .



# Fiat Precast Receptors

(Regular black & white or special colored terrazzo)

## ...for Built-up Tile Showers

Save money and speed up the job by eliminating the difficult lead pan and tile floor



**Details of suggested construction in building up a tile shower on a Fiat precast receptor. Metal lath and foundation plaster are brought down inside the rust-proofed metal flange. The tile setter starts directly with the wall construction without the delay involved in laying a tile floor and waiting for it to harden to a working surface.**

Fiat precast terrazzo receptors are made of black and white marble chips and white cement, ground and polished. A rustproof galvanized reinforcing flange and a 2" brass drain fitting are cast integral with the receptor to form a strong, leakproof, slip-proof, non-absorbent floor for the shower.

The use of a precast receptor eliminates the easily damaged lead pan and the labor consuming job of laying a tile floor. It enables the contractor to complete the shower faster and produce a better job at a lower cost.

Fiat precast receptors reduce the danger of leaky cracks developing in the tile shower walls by providing a solid, rigid foundation that is not affected by shrinkage of supporting wood framing or settling of the building.

The attractive appearance of terrazzo makes a beautiful floor that is in perfect harmony with tile walls. Various colored terrazzo is available on special order, to blend with tile colors.

Your plumbing contractor can get quick delivery of a Fiat receptor as many plumbing wholesalers have Fiat receptors in stock. Standard square type sizes—32" x 32", 36" x 36", 40" x 40". Corner type—36" x 36", 40" x 40".

Section through pre-cast receptor showing brass drain and adaptation to 2" waste pipe and "P" trap. (Trap and pipe by others).



**FIAT METAL MANUFACTURING COMPANY**

Three complete plants  
 Long Island City 1, N.Y. Los Angeles 33, Calif.  
 9301 Belmont Ave.; (Chicago area) Franklin Park, Ill.  
 In Canada: The Porcelain and Metal Products, Ltd. Orillia, Ontario

## No. G-18, Show Window Details

This window was designed to give the effect of a showcase in light scale yet permitting large department store type of display setups. It is the second of a series of details on show window construction.

To accomplish the sense of lightness this window was supported on a cantilevered steel framework and bronze legs, with a very light bronze frame set on this platform. The projecting display windows are supported on cantilevered construction consisting of double steel channels over steel angle struts, both of which have been spaced so that the precast concrete platforms fit between struts. This concrete platform is covered with a removable plywood floor to facilitate window dressing. The platform also has a 3/5-inch plywood show window back on wood furring strips.

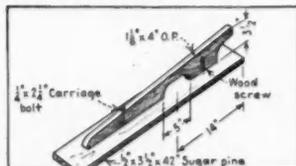
A light trough also was cantilevered from the wall behind and covered with a fascia of bronze. This light trough avoids the usual valance treatment of a window whose soffit is below the ceiling affording a floating source of light. It is decorative and at the same time it is functional.

The wall treatment behind the show window consists of a veneer of long narrow tiles glazed in antique gold on the pier and soft green penny rounds set in a backing of dark green cement plaster.

The lighting for the show window consists of fluorescents and recessed bi-hats in the light trough previously described.

The vestibule floor of the store front is terrazzo in ebony black marble chips with brass divider strips. The vestibule ceiling is painted plaster of a Morocco gray color which provides a soft background for the large white domes of indirect light and recessed downlights.

## How to Make a Cement Float



The two-handed cement float shown in sketch above is very handy for working on small areas of concrete, such as porches, walks, etc. It eliminates the use of knee-boards.—J. G. Caldwell, San Mateo, Calif.

AMERICAN BUILDER



# Designed for TODAY'S BUILDING NEEDS AND METHODS

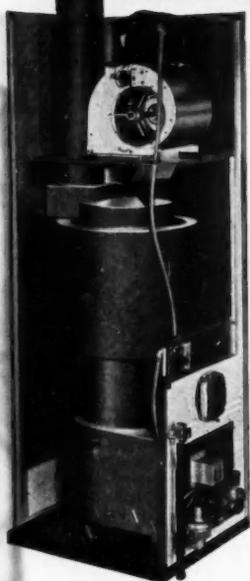
**CONCO**  
heat

**Ranchief**  
WARM AIR FURNACES

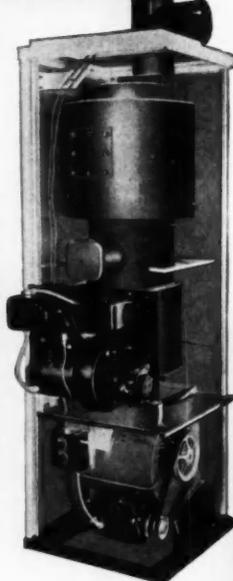
MORE COMPACT!  
MORE EFFICIENT!  
MORE BEAUTY!

**COUNTERFLOW**  
FOR PERIMETER HEATING

**HI-BOY** FOR  
BASEMENT OR BASEMENTLESS HOMES



Enclosed View  
COUNTER-  
FLOW



**NINE MODELS** — Counterflows, Hi-Boys, Lo-Boys. Pressure oil, vaporizing oil, or gas-fired, using any common oil or gas. Rated at 64,000 BTU and up at bonnet.

**BEAUTIFUL** — Gleaming white enamel finish, smart styling.

**COMPACT** — 22" x 22", U.L. Listed for reduced clearances. Top flue outlet for added compactness, neatness.

**APPROVED** — U.L. Listed for oil and gas, A.G.A. Approved for gas. Convertible at any time from oil to gas without loss in capacity.

**PACKAGED** — Fully assembled and fire-tested at factory. Fully wired including controls. All wiring and operating parts fully enclosed.

*Write* today for complete details and specifications.

**CONCO ENGINEERING**  
WORKS • DIVISION OF H. D. CONKEY  
& COMPANY, MENDOTA, ILLINOIS

**AFFILIATES:**

Materials Handling Div. • Cranes, Hoists  
Conco Bldg. Prod., Inc. • Brick, Tile, Stone

*Specifications*

## COUNTERFLOW

### SPECIFICATIONS:

	VC-1 VAPORIZING OIL	GC-1 GAS-FIRED	PCIA-65 PRESSURE OIL
<b>RATINGS</b>			
Rated air flow rate	37 cu./min.		.65GPM
Pilot burning rate	2 cu./min.		
Oil used in C.S. Grade	No. 1		NO. 2
Draft in broaching, water column	.530"		.535"
Output rating at bonnet, BTU/hr.	64,000	64,000	64,000
Input rating, BTU/hr.	64,000	64,000	64,000
Gas used, nat., mix'd, mixed, L.P.			
<b>BLOWER</b>			
Maximum C.F.M. @ 20" S.P.	640	640	640
<b>CABINET</b>			
Width x length	32" x 22"	22" x 22"	22" x 22"
Louver projection each side and rear	1/2"	1/2"	1/2"
Burner housing projection, front	4 1/2"	4 1/2"	8 1/2"
Height	65"	65"	65"
Warm air outlet	18" x 18"	18" x 18"	18" x 18"
<b>HEAT EXCHANGER</b>			
Gauge of heat exchanger steel	14	14	14
<b>CHIMNEY &amp; SMOKE PIPE</b>			
Flue outlet diameter	6"	5"	6"
Av. chimney height above flue outlet	6'	8'	6'
<b>MINIMUM INSTALLATION CLEARANCE</b>			
At sides, from casing (1" from louvers)	1/2"	1/2"	1/2"
In front of cabinet casing	6"	5"	18"
At rear, from casing (1/2" from louvers)	1"	1"	1"
From smoke pipe, in any direction	9"	6"	9"
<b>WEIGHTS</b>			
Net	305 lbs.	285 lbs.	400
Shipping	400 lbs.	370 lbs.	500

## HI-BOY

### SPECIFICATIONS

	PRESSURE OIL PHIA-70	VAPORIZING OIL VHIA-70	GAS-FIRED GHIA-70
<b>RATINGS</b>			
Max. input, GPM Oil or C.C. Oil	.65GPM	.66cc	.87,500 BTU
BTU per	65,000	70,000	70,000
Bonnet output, BTU	70,000	70,000	70,000
Type of Fuel	No. 2 Oil	No. 1 Oil	All Gases
<b>BLOWER</b>			
Maximum C. F. M. @ 30 S. P.	750	750	750
Motor	1/6 H.P.	1/6 H.P.	1/6 H.P.
<b>CABINET</b>			
W.A.L. (End. of 1/2" Louvers) 22" x 22"	22" x 22"	22" x 22"	22" x 22"
Overall depth, including burner	20 1/2"	28 1/2"	28 1/2"
Height under smoke outlet	71"	71"	71"
Return air outlet, either side or bottom	14 1/2" x 18 1/2"	14 1/2" x 18 1/2"	14 1/2" x 18 1/2"
Warm air outlet, at top	12" x 20"	12" x 20"	12" x 20"
<b>CHIMNEY</b>			
Flue outlet diameter	6"	5"	6"
Ht. to top of draft hood or Control	8'	8'	8'
<b>MINIMUM INSTALLATION CLEARANCES</b>			
In front of cabinet	6"	6"	6"
Either side of cab. (1/2" from louvers)	1"	1"	1"
At rear	1"	1"	1"
From chimney	3"	3"	3"
From smoke pipe, any direction	9"	9"	9"
<b>WEIGHTS</b>			
Net, lbs.	425	330	307
Shipping, lbs.	525	430	405

# Brand-new Dealer Sells 38 National Homes

in First  
Open  
House

**BANKS & LEE, INC.**

*Contractors and Builders*

224 TOWER BUILDING

Washington, D. C.

ESTABLISHED 1908

L. A. BULLARD, BUFFALO

Mr. James R. Price  
National Homes Corporation  
Lafayette, Indiana

W. S. BANKS, PRES.

February 23, 1951

Dear Mr. Price:

We are so pleased with the results of our first National "Thrift Home" open house at Glen Burnie, Maryland, that we want to give you the details.

Our three-bedroom "Thrift Home" was open for inspection from 1:00 to 8:00 P.M. Saturday and Sunday, February 3rd and 4th. During these hours, more than 3,800 persons visited the house and thirty-eight firm sales were made, representing total business of over \$320,000.

We have been in the building and development field for many years and are accustomed to crowds and sales, but we were genuinely astounded by the interest shown in National Homes. Prior to the showing, we thought that if 1,200 people visited the house and nine or ten sales were made, our venture would be a success.

Naturally, we are extremely gratified with the results. So much so, in fact, that we are going ahead immediately with plans to develop this entire tract. This year we hope to erect more than 450 National Homes.

Yours very truly,

BANKS & LEE, INC.



W. S. Banks  
President



## a Typical Experience of NATIONAL Homes Dealer-Builders Everywhere. Investigate!

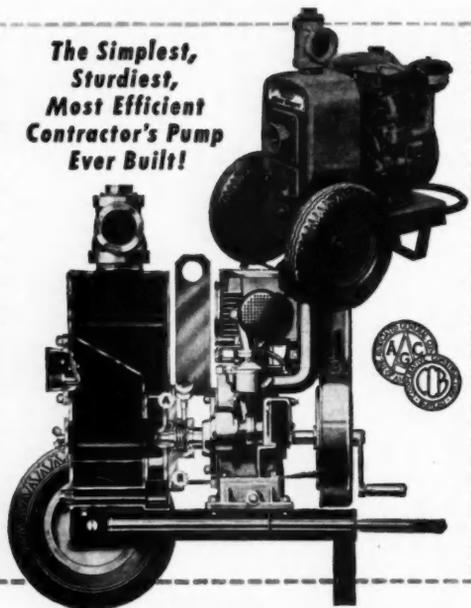
National Homes not only helps dealers attract huge crowds to local "open house" showings by the biggest ad campaign in the field . . . we also offer a steady supply of houses to erect. And every National Home is tops in quality, beauty, comfort, value. Write or phone!

*National*  
**HOMES**  
CORP., Lafayette, Indiana  
Eastern Plant: Horseheads, N. Y.

**NATION'S LARGEST PRODUCERS OF PREFABRICATED HOMES**

## Worthington's Answer To Your Toughest Pumping Problems...

**The Simplest,  
Sturdiest,  
Most Efficient  
Contractor's Pump  
Ever Built!**



**Impeller (A) and shaft seal (B)  
— the only moving parts**

Only two moving parts in a Worthington Blue Brute Self-Priming Centrifugal! And no ports, jets or valves to clog up. Instead, positive self-priming results from expert application of basic hydraulic principles — a Worthington specialty for over 100 years.

Materials are right — in the right places. Impeller and renewable wear plates are of special abrasive-resisting alloy... the dual shaft seal is fully enclosed and self-adjusting... the steel alloy casing defies rust, erosion and hard knocks... the air-cooled engine is easy-starting. So, with all trouble-making gadgets left out, this Blue Brute Portable has absolutely everything you want for fast, dependable pickup, plenty of reserve power — and next to no maintenance!

See your nearby Worthington Distributor for the A. G. C.-rated sizes, base-mounted or with steel or pneumatic-tired wheels.

## WORTHINGTON



**WORTHINGTON PUMP AND MACHINERY CORPORATION**  
Construction Equipment Sales Division

Dunellen, New Jersey

Distributors In All Principal Cities

**IF IT'S A CONSTRUCTION JOB, IT'S A BLUE BRUTE JOB**

## Catalogs and HOW-TO-DO-IT INFORMATION

**903—ELECTRIC PALLET TRUCK**—A 16-page booklet in color issued by the Towmotor Corp., 1226 E. 152 St., Cleveland 10, Ohio, illustrates and describes the operation, design, construction and other details of the Towmotor Model "W" Electric Pallet Truck, a combination of electrical and hydraulic mechanisms.

**904—FURNACES AND BURNERS**—Folder from Reliance Products Corp., Portland, Ore., gives data and drawings on outstanding features of Reliance automatic oil-fired warm air furnaces and burners for small homes.

**905—REMOTE CONTROL GARAGE DOOR OPENER**—Operation of Crane "300" automatic garage door opener with "Magic Circle" electronic device is illustrated in booklet issued by the H. W. Crane Co., 1443 W. Lake St., Chicago 7, Ill.

**906—INSULATING MATERIAL**—The Special Products Branch, Weyerhaeuser Timber Co., Longview, Wash., has published a new illustrated booklet on the properties and application of its new organic insulating material, Silvawool. All phases of the material's use are shown.

**907—GAS FURNACES**—Features of Evenflo gas furnaces, along with specifications and installation methods, are shown in new booklet circulated by the Economy Gas Furnace Manufacturing Co., 10 S. La Salle St., Chicago 3, Ill.

**908—CRAWLER TRACTORS**—Two attractive 16-page catalogs on the New A-C crawler tractor have been issued by the Allis-Chalmers Tractor Division, Milwaukee 1, Wis. One describes the Model HD-9, weighing 18,500 pounds and developing 70.0 drawbar HP; the other covers the Model HD-15, which weighs 27,500 pounds and develops 102.0 HP at the drawbar.

**909—HARDWARE**—Catalog No. 12, recently published by the Sterling Hardware Manufacturing Co., 2345 W. Nelson St., Chicago 18, Ill., gives data, specifications and installation details of Sterling hardware for residential sliding doors, casement windows, storm sash and transoms.

**910—PORTABLE TOOLS**—Line of electric and pneumatic tools, including drills, saws, grinders, polishers, screw shooters and hammers, is presented by Milwaukee Electric Tool Corp., Milwaukee 8, Wis., in attractive new Catalog No. G875.

**911—POCKET HEAT CONTROL CALCULATOR**—A new slide-rule guide to help heating contractors and service men to determine the proper thermostatic control for radiant panel heating has been introduced by the Minneapolis-Honeywell Regulator Co., Minneapolis 8, Minn.

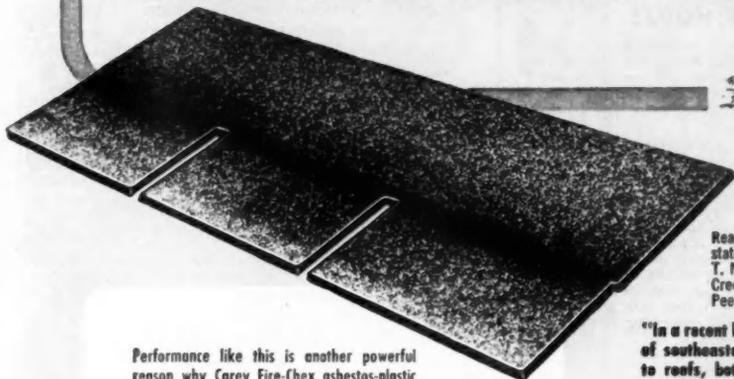
**912—PLUMBING FIXTURES**—Catalog "K" of the Milwaukee Flush Valve Co., 301 E. Reservoir Ave., Milwaukee, Wis., contains wide variety of the firm's tub and shower, lavatory and other fixtures and accessories, including adjustable multi-purpose shower and tub fixtures.

**913—PLASTIC WALL TILE**—Hachmeister - Inc., Pittsburgh, Pa., has issued two brochures, one describing and illustrating the characteristics of Hako Coronet plastic wall tile and the other giving detailed instructions on application of the tile.

(Continued on page 202)

**NOW! More proof of Fire-Chex superiority**

# FIRE-CHEX SHINGLES DEFY hurricane winds



Read this sworn statement from  
T. Niblo Creed,  
Creed Bros., Inc.  
Peekskill, N. Y.

"In a recent hurricane that lashed this area of southeastern New York state, damage to roofs, both old and new, was heavy. However, on roofs where Carey Fire-Chex shingles were installed, we could not find even one shingle that had been loosened."

Signed:

*T. Niblo Creed*

# Carey

## FIRE-CHEX SHINGLES

**Specify** Carey Fire-Chex for lasting protection and beauty! For further information, see your Carey Dealer—or write for literature.

The Philip Carey Mfg. Co., Lockland, Cincinnati 15, Ohio  
In Canada: The Philip Carey Co., Ltd., Montreal 25, P. Q.

Performance like this is another powerful reason why Carey Fire-Chex asbestos-plastic shingles should be your choice for roofing!

Here are the easy-to-see reasons! Remember—Fire-Chex is the only roofing that provides all these important advantages—

### 1. Amazing Wind-and-Weather Protection

Fire-Chex are husky heavyweights . . . a whopping 325 lbs. per sq. They lie flat, stay put, even through hurricane winds.

### 2. Nail Won't Harm

Fire-Chex Asbestos-Plastic Coating is so heavy that hail bounces off harmlessly.

### 3. Lasts Far, Far Longer

Accelerated weather tests prove conclusively that Fire-Chex has a much longer life than ordinary shingles.

### 4. Highest Fire-Safety Rating

Only Fire-Chex are rated Class A\* by Underwriters' Laboratories, Inc. This is the highest Fire-Protective rating any roofing material can earn.

### 5. Exclusive New Solid Colors and Shadow Blends

The crowning glory for any roof . . . Fire-Chex come in rich, solid colors and in exclusive shadow-blends to make roof designs which are copyrighted as "works of art."

\*Without asbestos underlayment.

FROM THE HOUSE OF CAREY — Bathroom Cabinets and Accessories • Ceramco Siding • Tri-Tone Asbestos Shingles • Fire-Chex Asbestos-Plastic Shingles • Rock Wool Insulation • Other Famous Products for Home, Farm and Industry.

NICHOLS  
NEVER-STAIN

## Rust-Proof ALUMINUM NAILS

**GIVE YOU AN EXTRA  
\$25 TO \$40 PROFIT  
PER HOUSE**

If you haven't sold or used some of the two billion Nichols Rust-Proof Aluminum Nails that were made last year, you are losing a nice extra profit bonus and the opportunity of building more and better satisfied customers.

Aluminum Nails are economical in many ways. For only an additional cost from \$1.80 to \$3.00 more than common nails, the elimination of countersinking and putting (approved by the FHA) will give you an extra bonus from \$25 to \$40 per house. In addition, a longer paint-life is assured since aluminum nails will never cause unsightly rust streaks or stains on the surfaces to which they are applied. Your customers will like this protection against the frequent repainting of the exterior of their homes.



### NOW CONVENIENTLY PACKAGED

"Never-Stain" Aluminum Nails in a wide range of types and sizes are now available in "packaged for the job" containers and in 50 lb. cartons. They are easy to stock—easy to handle. Save selling and inventory time. Aluminum Nails are etched for greater holding power. They are strong and easy to drive.

### PACKAGED IN 12 DIFFERENT TYPES IN ALL POPULAR SIZES

Sinker and Casing Head Wood Siding Nails, Cedar Shake and Shingle Nails, Asbestos and Insulated Siding Nails, Gypsum Lath Nails and Standard Shingle Nails. Also Roofing Nails with plain shank or screw grip with or without neoprene washers. Write for complete descriptive circular of types and sizes.



**NICHOLS WIRE & ALUMINUM CO.**

GENERAL OFFICES—DAVENPORT, IOWA  
Branches: Mason City, Ia. • Battle Creek, Mich.  
• South Deerfield, Mass. • Oakland, Calif. •  
Cincinnati, Ohio • Seattle, Wash.

## Catalogs

(Continued from page 200)

**914—ACOUSTICAL TILE**—An 8-page design data sheet describing Fiberglas textured and perforated acoustical tile has been published by the Owens-Corning Fiberglas Corp., Toledo, Ohio. It includes application methods by adhesive, mechanical suspension or clipping on wood furring strips.

**915—ROOF TRUSSES**—A number of different installations of American wood roof trusses are shown in a brochure issued by the American Roof Truss Co., 1030 E. 87th St., Chicago, Ill.

**916—OVERHEAD-FRONT END SHOVEL**—The Loloover, a new 1-yard combination overhead and front end shovel for International Harvester tractors is described in an 8-page illustrated catalog published by the Service Supply Corp., Philadelphia 32, Pa.

**917—CARRIER INDEX**—Carrier indexes for use by architects and specification writers in selecting and specifying the proper carriers and fittings to use with wall type plumbing fixtures have been published in booklet form by J. A. Zurn Manufacturing Co., Erie, Pa.

**918—MOISTURE METER**—The Tag Midget Moisture Meter, designed for quick determination of moisture content of wood, lumber, plaster and wood products, is described in a six-page booklet issued by the Tagliabue Instruments Division, Weston Electrical Instrument Corp., 614 Frelinghuysen Ave., Newark 5, N. J.

**919—ALUMINUM PRODUCTION**—A new booklet describing the production of aluminum pig by the Hall electrolytic reduction process at its Jones Mill, Ark., plant has been published by the Reynolds Metals Co., 2000 S. Ninth St., Louisville 1, Ky.

**920—BALANCED WINDOW UNITS**—is the title of an attractive 8-page booklet published by the Caldwell Manufacturing Co., Rochester 14, N. Y. The booklet describes the counterbalancing of double-hung windows with particular emphasis on pre-assembled unit windows.

### SERVICE COUPON—CLIP and MAIL to CHICAGO

Readers Service Department

(March, 1951)

American Builder

79 W. Monroe St., Chicago 3, Ill.

Please send me additional information on the following product items, or catalogs, listed in this department:

Numbers .....

Name .....

Street .....

City ..... State .....

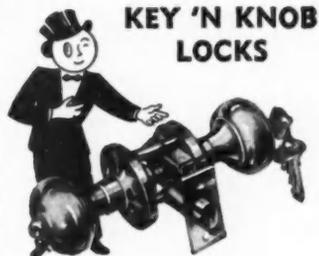
OCCUPATION\* .....

\*Please note that occupation must be stated if full service is to be given.

*Lockwood*

**SERVING THE HARDWARE TRADE  
FOR OVER 70 YEARS**

Shown here are just a few of the profit-makers in the complete LOCKWOOD line of Builders' Hardware — designed to have the style and dependable security that people want. Priced to build sales for stock or contract requirements. Write for full information about these — and other — fast moving items in the LOCKWOOD LINE.



**KEY 'N KNOB  
LOCKS**

Reversible Hand



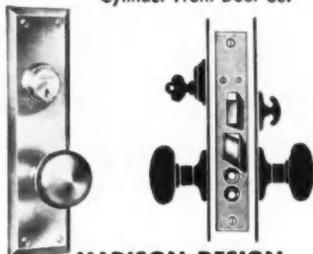
Tubular Inside Set for  
Bath or Bedroom

**BERKELEY DESIGN**



Inside Set with Bit Key

**CHANBY DESIGN**



Cylinder Front Door Set

**MADISON DESIGN**



Sectional Entrance Handle  
**BARCLAY DESIGN**



**CYLINDER** Screen and  
Storm door **LOCK**



**SASH FASTENER**



**WALL-TYPE  
DOOR STOP**

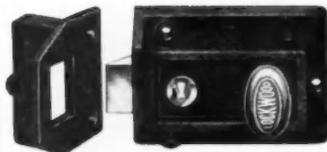


**BAR SASH LIFT**



**SCREEN DOOR CLOSER**

**BALL BEARING  
Door Closer**



**NIGHT LATCH**

Subject to any Government restrictions or  
limitations which may be imposed.

*Lockwood*

**FITCHBURG**

**HARDWARE MANUFACTURING COMPANY  
MASSACHUSETTS**

- building supply dealers
- building contractors
- builders
- draftsmen
- architects

*Write today*

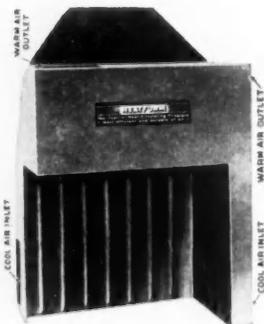
(Identifying your trade)

FOR YOUR COMPLIMENTARY BOOK OF

**HEATFORM\***  
**FIREPLACE DESIGNS**



HEATFORM Model "A"  
Eight stock sizes 24" to 72"



HEATFORM Model "S"  
View of Fire from Front & Side



SUPERIOR FORM DAMPER  
The Architects' Friend

**SUPERIOR FIREPLACE CO.**

Dept. AB512  
1708 East 15th St.  
Los Angeles 21, Calif.

Dept. AB512  
601 North Point Road  
Baltimore 6, Maryland

Pioneer manufacturers of heat circulating fireplaces and Form Dampers. Nationally advertised to millions of potential users. Sold through leading building supply dealers everywhere.

**HEATFORM** The **SUPERIOR** **FIREPLACE**  
heat circulating  
*most efficient and durable of all*

This 36-page book contains 50 beautiful interiors and fireplace designs. These photographs were selected from our National Photo Prize Contest. The book contains elevations, sections and plans for installation of three HEATFORM Models: A, C and S. It also shows proper location of fireplace for best heating results; how to heat adjacent rooms on first and second floor, and other valuable fireplace information you will want.

**HEATFORM**

• Model "A" is the standard HEATFORM used in homes throughout America for the past 30 years. Complete information on Model "A" and Superior Form Dampers is contained in:

- 1950—Sweet's Architectural File, Section 29g/7
- 1950—Sweet's Builder's File, Section 4-c/26
- 1951—Sweet's Architectural File, Section 29k/Su
- 1951—Sweet's Builder's File, Section 4-d/Su
- 1950-51—Western States A-E-C Catalog File

Model C and S are completely described in Book of HEATFORM Fireplace Designs.

**SUPERIOR FORM DAMPER**

— the Architects' Friend — always building good fireplaces without your personal supervision. It saves in labor time — no forms to build, no bricks to cut, no throat to plaster. Cracking of masonry is eliminated by use of rock wool and detached lintel bar. It is constructed of heavy steel for lifetime service.

\*T. M. Reg.

**NEW PRODUCTS**

(Continued from page 192)

**ACOUSTICAL TILE CEMENT AB45118**



"Sur-Stik," new resin-based cement for applying acoustical tile, fibre board, wallboard, gypsum and similar composition sheeting, remains pliable to give and take with expansion and contraction of bonded materials. The cement is said to provide superior adhesive qualities for use on wood, metal, glass, cement and plaster. Unaffected by moisture absorption encountered with most tile and wallboards. Easy to use direct from container. The W. S. McGuffie & Co., 3400 Theurer Court, Cleveland 9, Ohio.

**LINOLEUM UNDERLAYMENT**

**AB45122**

One-quarter inch Temboard in short sizes is designed for underlayment to receive linoleum, asphalt tile, and other resilient floor coverings. It is available in 4x3 foot and 4-foot sizes with the back planed to eliminate screen marks and to insure uniform thickness. The short sizes prevent buckling from expansion and contraction with changes in relative humidity. Temboard is easily nailed and readily conforms to irregularities in the subflooring. Armstrong Cork Co., Dept. AB, 964 Concord St., Lancaster, Pa.

**WATER SOFTENER**

**AB45101**



The "Softmaster" water softener regenerates by push of a button which may be located anywhere in the house. Automatic by-pass permits water to be drawn at any outlet during regeneration for any emergency. No salty water can ever enter the house lines. Salt is added to brine tank two or three times a year. Water level in brine tank is accurately controlled by two feeler electrodes which prevent salt from creeping up sides of tank. Plugs into any 110-volt outlet. Selection of three sizes and two Zeolites. The F. E. Myers & Bros. Co., Dept. AB, Ashland, Ohio.

**PortlandHomeShowMay12**

Dates of the Portland, Ore., 1951 Home Show are May 12-20, the Portland Home Builders Association, sponsors, have announced. The place is the 11-acre Pacific International Exposition building.

**AMERICAN BUILDER**

# TENSION-tite SCREENS

the *Low Cost* screen that's *Easiest* to INSTALL!



## Exclusive GUIDE BAR speeds installation!



The adjustment bar on the bottom of every TENSION-tite screen also serves as a GUIDE BAR, or template, showing precisely where to place the five screws for easy, perfect fit.

### COST LESS THAN ORDINARY SCREENS

TENSION-tite screens offer attractive savings on both original cost and installation.

### INSTALLED WITH FIVE SCREWS

Driving five screws... six on wide screens... is all the work required. Installation is done from inside.

### APPROVED BY LOAN AGENCIES

Regional offices of F.H.A. and the V.A. have approved TENSION-tite screens.

### RUST-PROOF NON-STAINING

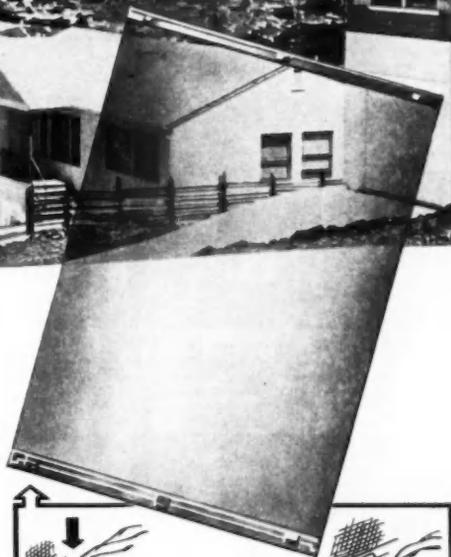
TENSION-tite aluminum screens are normally all aluminum... nothing to rust or stain.

### NO PAINTING NO UPKEEP

TENSION-tite screens are delivered ready to install... no painting is necessary.

### ATTRACTIVE APPEARANCE

With no bulky stiles... no center rail... TENSION-tite screens present an attractive, modern appearance.



## Sizes for All D. H. Wood Windows

TENSION-tite aluminum screens are made to fit all standard modular, eastern fractional, and Pacific Coast modular double hung wood sash sizes. Special sizes are also available.



### SEND FOR THIS BOOKLET

Shows details about the construction and features of TENSION-tite screens, and lists their sixteen points of superiority.



# RUDIGER-LANG CO.

FACTORIES IN BERKELEY, CALIF., AND TOCCOA, GEORGIA

EIGHTH AND CARLETON STS. • BERKELEY 10, CALIF.  
P. O. BOX 408, TOCCOA, GA. 7966 MELROSE AVE., LOS ANGELES, CALIF.

# More and More Thousands of Installations All Over the Country



## **AIR WALL** Heating System

General Electric's amazing new heat distribution system that continues to smash sales records.



**MASSACHUSETTS** G-E Air-Wall Heating makes this home, and eighty-eight others in the project in Weymouth, Mass., warm and comfortable even on the coldest days.



**CALIFORNIA** Three thousand five hundred homes equipped with G-E Air-Wall Heating at Housing Project in San Francisco, Calif.



**MICHIGAN** Thirtieth anniversary model home in project of eight hundred homes constructed by Miller Homes, Inc., in Detroit, Mich., equipped with G-E Air-Wall Heating.



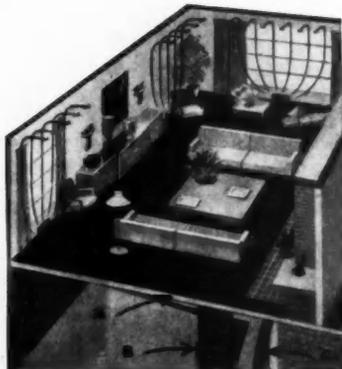
**NEW JERSEY** This is a typical G-E Air-Wall installation showing small duct size and return air fittings.



**PENNSYLVANIA** G-E Air-Wall installation in Williamsport, Pa., showing G-E Oil-Fired Unit and extended plenum.



**COLORADO** This interesting G-E Air-Wall Heating installation in Denver is made with ducts in concrete slab of basementless house.



Builders who use G-E Air-Wall Heating have important advantages over other builders. First, they can use G-E Warm Air Furnaces, for gas or oil, that are famous for economy and reliability. Second, they have a heating system that gives two types of heat in one—radiant and forced warm air. Third, since smaller ducts and standard fittings are used, costs can be figured more quickly and exactly. Fourth, they can use the power of the famous General Electric name to help sell their houses.

- A—Small Diameter Ducts
- B—G-E Oil or Gas Warm Air Furnace
- C—Return Air Ducts



Notice the pattern of heated air from the G-E Air-Wall Register. It blankets the cold walls of the rooms in your home...and warms them so they naturally radiate heat!



New advanced automatic G-E Air-Wall Register provides all the advantages of the standard G-E Air-Wall Register plus automatic individual room temperature control.



## HOME HEATING EQUIPMENT

For economy and comfort . . . these efficient, quality units for gas heating.



General Electric GAS-FIRED Warm Air Furnaces...come in five compact sizes. Home planners will enjoy clean, quiet operation, their quick heat, their high efficiency, their filtering which cuts down dust and dirt. All units circulate and humidify the air. Designed for use with the new G-E Air-Wall system of heat distribution.

General Electric GAS-FIRED Boilers...turn gas fuel into low-cost comfort. Three to five minutes after the flame goes on, steam is in the radiators, or hot water is pouring out its warmth. Clean, complete and efficient combustion. Heavily insulated, with jacket construction of heavy steel. All models approved by American Gas Association.

### ● You get benefits of 2 types of heat!

The amazing new G-E *Air-Wall Register*, a product of G-E research and engineering, is generally placed just above the baseboard. It directs air up and out in front of the wall... warming the cold surface so it radiates heat. You get better forced warm air heat, too. The air pattern cuts down natural cold drafts which normally creep down cold walls.

### ● Freedom of furniture placement!

No interference from radiators or heat supply grilles. You can sit directly in front of the G-E *Air-Wall Register* and feel no draft... no uncomfortable hot blasts. In the morning, when the system goes on automatically, you feel no cold air that has settled overnight in the ducts.

### ● Balanced heat in all rooms!

You can accurately adjust heat flow to each room in the home by simple adjustment of the damper on each duct, with minimum disturbance to the "balance" of heat to other rooms.

### ● Uniform floor-to-ceiling temperatures!

The wall of warmed air diffuses quickly to give even temperatures throughout the room. Warmer floors, too!

### ● Quiet!

Small *Air-Wall* ducts dampen furnace noise more fully than large ducts. Register design also helps to reduce noise.

*architects—  
builders—contractors!*

G-E *Air-Wall* Heating is engineered for low installation cost; its design is guided by the same famous standards long built into G-E furnaces. It is easier and less expensive to estimate a job when you plan to use G-E *Air-Wall*—because of the standard ducts, elbows, and register boxes. This system can be installed in houses with or without basements.

### *Where is GE AIR-WALL available*

It is available RIGHT NOW through your local General Electric Heating Distributor. He is listed in your classified telephone directory.

For oil heating, use these famous G-E Units.



General Electric OIL-FIRED Warm Air Furnaces are low-cost, compact, easily installed, quiet and long-lasting. They are designed to save you money on fuel bills because of the compressed air-oil impact method of atomization of each drop of oil. Designed for use with the new G-E *Air-Wall* system of heat distribution.

General Electric OIL-FIRED Boilers...give quick comfort, at less cost. The way the oil is burned assures you the most heat from every gallon because (1) the oil is mixed with air into a frothy, bubbly foam; (2) each single bubble is then shattered into millions of particles; and (3) these particles burn completely. Five models.

G-E *Air-Wall* Heating  
is a product of  
General Electric "Climate Engineering"



You can put your confidence in—

**GENERAL  ELECTRIC**

APRIL 1951

**GENERAL ELECTRIC COMPANY,  
Automatic Heating Division,  
Section AB-14, Bloomfield, N. J.**

Please send:  
Free information on G-E *Air-Wall* Heating   
Free booklet on G-E Oil Furnace  G-E Gas Furnace   
G-E Oil Boiler  G-E Gas Boiler   
4-page insert from "Sweet's Builders' File"

NAME.....

ADDRESS.....

CITY.....ZONE.....STATE.....



Save **INSTALLATION TIME**  
**WITH COMPLETE ALUMINUM**  
*Fleettlite* **WINDOWS**

★ *All Seasons*  
**Windows**  
**for New Homes**

FLEETLITE is a revolutionary new window—a complete year-around unit combining interior and exterior double hung windows and screen in an aluminum frame! FLEETLITE windows are delivered assembled and glazed in corrugated cartons. It is the greatest advance ever in window design and construction . . . the **ONLY COMPLETE** all Aluminum window unit on the market today.

Thousands of FLEETLITE windows have been installed in new homes throughout the United States and Canada. Builders are boasting about the easy installation and the spectacular selling advantage of FLEETLITE equipped homes. Home owners are delighted with the beauty, convenience and ever-lasting construction of FLEETLITE units. Eliminate storm sash. No storage problems, less dirt and dust, warmer winters and cooler summers. FLEETLITE features sell homes for you . . . spell comfort for your customers.



Write today  
 for  
 Complete Literature

*Fleettlite*  
 AMERICA'S *finest* WINDOW

As advertised in *House Beautiful*, *House and Garden*,  
*Small Homes Guide*, *American Builder*, *Practical Builder*  
 and *Magazine of Building*.

Made by  
**FLEET OF AMERICA, INC., 112 PEARL STREET, BUFFALO, N. Y.**  
 208

**Radiant Heating**

(Continued from page 186)

conversion to electrical radiant glass panel heating is done.

As is common when many new products are placed on the market, there were a few obstacles for the manufacturers of glass heating panels to overcome when their product was first marketed. Because of improper installations by dealers or electricians unfamiliar with the product there was some glass breakage. Other problems arose because of poor inspections at the manufacturing plant and the lack of knowledge on the part of workers in the technique required to assemble this new heating device. All these problems have been gradually eliminated and defects in the product have been reduced to two tenths of one per cent.



BASEBOARD type of glass heating panels installed on porch at Flushing, N. Y.



TYPICAL installation of recessed panel in clay tiled bathroom wall in a residence

Compilation of cost figures on this type of heat reveals that where the kilowatt rate is two cents or less, radiant glass panel heating will compare favorably with oil or coal heating costs in a well-insulated building. The average base rate for this type of electricity use throughout the country is one and one-half cents per kilowatt.

During the 1949-1950 heating season, the Iowa Public Service Co. of Waterloo conducted a study on electric radiant glass panel heating in an average-sized home to determine for themselves, under actual operating conditions, the power require-

(Continued on page 210)

AMERICAN BUILDER

# Cottage Skyscraper



**CONCRETE MASONRY**  
Ideal for ANY  
Type of Structure!

**NOTE THE BEAUTY**  
of Vibrapac block. Made  
in a variety of pleasing  
designs with any desired  
texture, finish and color.

Yes — in the full range of building construction, from a small cottage to a huge multi-story skyscraper — you'll find that concrete masonry excels as a building material. Contractors, everywhere, like it because:

**It's PERMANENT... Greatly Simplifies Building Job... and Actually COSTS LESS!**

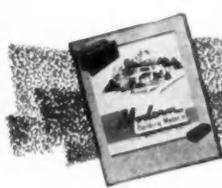
When you build with Concrete Masonry, your investment remains as sound as "money in the bank." The first cost is surprisingly low and upkeep is a negligible factor. No loose or broken boards! No sagging or warped floors. No periodic painting required. A concrete masonry structure is built for permanence... assures easier financing... lower insurance rates... and always has a high resale value.



**TYPICAL CONCRETE MASONRY HOME**

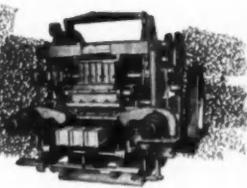
Combines beauty with utility. It is armored against age, climate, fire, weather, termites, rodents, tornadoes, hurricanes and floods. Maximum comfort is assured when you use units of cellular materials which provide greater insulation against cold and heat. Wall dryness provides good health and sanitary conditions. Sound-conditioned walls and floors assure restful quiet.

**BESSER MANUFACTURING COMPANY**  
Complete Equipment for Concrete Products Plants  
ALPENA, MICHIGAN, U. S. A.



**FREE BULLETIN**

Ask for copy of Bulletin No. 51 illustrating standard masonry units available, also names of Vibrapac equipped plants in your area.



**BESSER VIBRAPAC**

— the fully automatic concrete block machine. Produces high quality masonry units of any desired texture or density.

# BESSER

**BATCH MIXERS**

**SKIP LOADERS**

**BLOCK & BRICK CUBERS**

**SUPER VIBRAPAC**

**SINTERING PLANTS**

**ACROW CENTERS**

**ROOF TILE MACHINE**

# ANNOUNCING

## Return of a Flooring Favorite!

### Haddon Hall Pattern (Basketweave) Flooring Again Available in Choice of Fine Hardwoods

Unavailable since 1942 due to material shortages, this authentic reproduction of the classic English Haddon Hall Pattern is again returned to the Parkay line. Dance floors, show windows, salons, residences, apartments and hotels can now enjoy the beauty of this world-famous basketweave pattern flooring at only a fraction of its original cost.

### Pre-fabricated and Pre-finished to Save You Time and Money

Parkay Haddon Hall flooring is factory assembled in 12"x12" beveled edged units composed of 2"x4" and 2"x2" solid blocks 1/4" thick. Each unit is then finished by proven factory methods to insure a uniform and lasting finish. Flooring is applied to any sound, smooth subsurface—solid wood, plywood, concrete, terrazzo—with Special Parkay Adhesive. Choice of five woods—light and medium finish Oak, Walnut, Avodire, Mahogany and Teak. Write for descriptive literature. Parkay, Inc., Louisville 9, Ky.



## PARKAY

READY-FINISHED HARDWOOD  
FOR FLOORS AND WALLS

### Radiant Heating

(Continued from page 208)

ments necessary to heat a home with electric radiant panels as the primary heat source. The house selected is at Hudson, Iowa. Excerpts from the report on the test, prepared by John B. Green, follow:

"This five-room bungalow, size 32x28 feet, was constructed in 1949. It is a very well built home combining two bedrooms with full basement and attic. The house is equipped throughout with storm windows and storm doors. Doors and windows are completely weather-



**BEDROOM** installation in a motel. These panels are thermostatically controlled and can be connected so temperatures can be varied in zones of a home or other structure

stripped. The outside walls, ceiling and floors are completely insulated with three-sheet aluminum foil rolls (ALFOL) fitted between the studs, which allow four separate air spaces. The ceiling of the basement is plastered and the attic stairway walls are insulated with the ALFOL. The outside wall construction is asbestos cement shingle siding, tarpaper, 3/4-inch sheathing, the foil insulation and plaster board interior walls.

"There is no duct work because the house was constructed to utilize electric radiant panels as the central heat source. The attic stairway is open and the attic door is not weatherstripped. This accounted for some unnecessary heat loss.

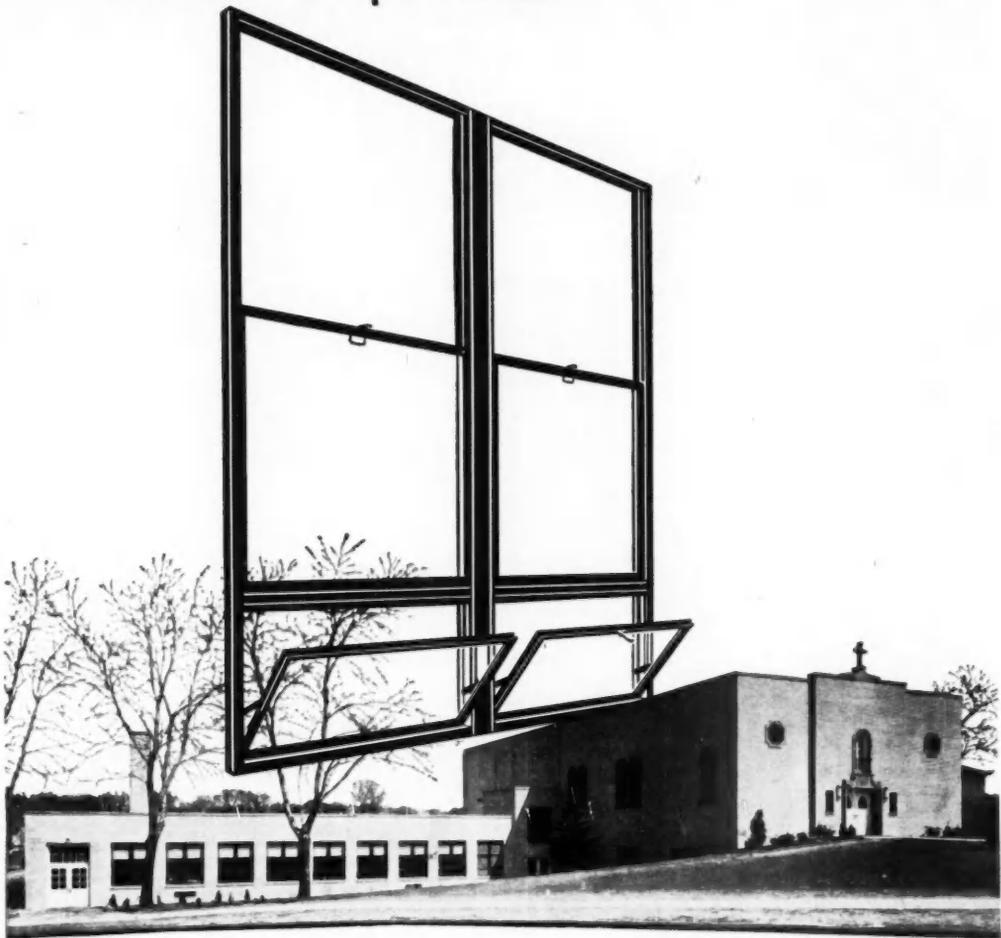
"The total (first floor) heat loss per hour is 26,000 BTU, using NWAH&ACA heat loss formulas and 80 degree temperature difference.

"There are eight 1,000-watt, 220 volt panels installed on the first floor. Three are in the living room, two in the master bedroom and one each in the kitchen, bath and guest room.

... The panels are installed six to eight inches above the floor and, except for the bath, on the outside walls. The units are rated on the basis of the stabilized current input after an operating period of approximately 20 to 25 minutes. When a panel is first

(Continued on page 212)

TRUSCON...a name you can **build** on



for **better** classroom service . . .



Truscon Series 138 Double-Hung Steel Windows with Sill Ventilators admit a maximum of natural daylight, thus providing superior classroom working conditions; offer more glass area for distant vision; and permit convenient and adequate ventilation. The cost is less, too!

A typical, well-engineered structure using Truscon Series 138 Steel Windows is the Church of St. Mel church and school, Cleveland, Ohio.

*Credit: Rolland B. Johns, Architect. J. L. Hunting Company, Contractors.*

See SWEET'S for complete details on the entire line of Truscon Steel Windows for every purpose; and write for detailed literature on all other Truscon Steel Building Products.

**TRUSCON® STEEL COMPANY** YOUNGSTOWN 1, OHIO  
Subsidiary of Republic Steel Corporation

# the **BIG NAME** in **HEATING** — for warm air heat!

*Tailor-made for today's homes!*



# Mueller Climatrol

Winter Air Conditioners  
for gas or oil: 60,000  
to 540,000 Btu. (Type  
110 shown)

**... meets your customer's demand  
for warm air heating at its best!**

You're sure to satisfy your customers when you give them what they want. And when it comes to warm air heating they want the Big Name—Mueller Climatrol!

It's a line designed to meet every need — sizes and types for every home . . . for gas, for oil, for coal . . . forced-air or gravity . . . steel or cast-iron . . . hi-boy, low-boy or horizontal design . . . unit heaters . . . conversion burners . . . Mueller Climatrol fills the bill!

With a Mueller Climatrol you can meet their demands and count on their good will. Specify and recommend the Big Name in Heating. Write for our new "all product" catalog . . . L. J. Mueller Furnace Co., 2021 D W. Oklahoma Ave., Milwaukee 15, Wisconsin



Gravity Furnaces —  
for gas or oil: 90,000  
to 135,000 Btu  
(Type 111 Shown)



## Mueller Climatrol

**FOR GAS FOR OIL FOR COAL**

B-53

### Radiant Heating

(Continued from page 210)

turned on, it will use between 1,400 and 1,500 watts. The wattage decreases as the temperature of the panel increases until a stable point is reached. There is also one 1,250 watt, 110-volt manually operated panel in the basement shower room. This is a portable plug-in unit



**THIS** large church in Los Angeles, Calif., is electrically heated with the radiant glass panels installed along the walls



**TYPICAL** installation in a school. In this room the units are along both walls, one of which is entirely glass from floor to ceiling

needed only when the shower is in use. The electricity used by this heater was not included in the test.

"There is a thermostat in each room, which is connected to each of five mercoid relays located in the basement. Each relay is capable of handling up to three panels. The thermostats are located about four feet above the floor and are set for 70 degrees F in the living room, kitchen and bath and about 65 degrees in the bedrooms where the doors are kept closed.

"A uniform temperature of 70 degrees was evident even on the coldest day. A test thermometer was placed eight inches below the ceiling in the living room. The air this close to the ceiling was nearly always at 70 degrees F. . . .

"A 100 ampere service is provided with No. 4 wire coming in from a

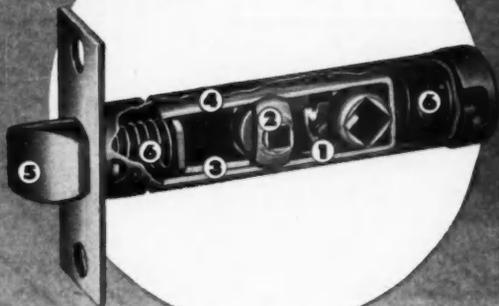
(Continued on page 214)

## Extra quality that's easy to spot

You don't have to be a locksmith to see why Russwin tubular locks and latches give you top quality for your bottom dollar. Just a glance at the actuating mechanism reveals these *extra-quality* features:

1. the unique, all-steel rack and pinion construction . . . simple, strong, trouble-free
2. automatic safety "throw off"
3. entire locking mechanism housed within the lock case
4. wrought steel case for maximum protection
5. forged brass bolt
6. double compression springs

You might expect that locks and latches with these *extra quality* features would cost more . . . but they don't. See the complete Russwin Quality Line of tubular locks and latches at your Russwin dealer's, Russell & Erwin Division, The American Hardware Corporation, New Britain, Conn.



Russwin "Key-nob" Lock No. 201 — features exclusive ball bearing cylinder.



Russwin No. 0250 Night Latch with ball bearing cylinder



Russwin No. A0250 Night Latch with auxiliary dead lock latch and ball bearing cylinder

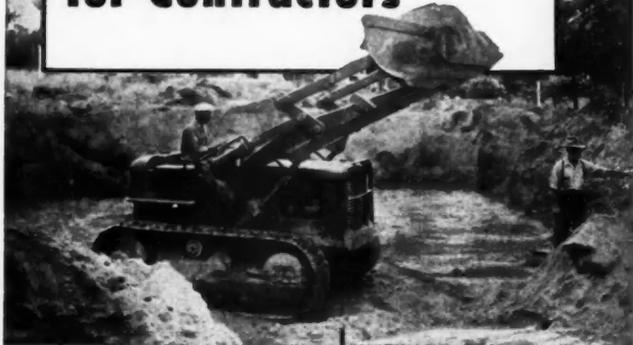


Russwin No. 400 B2K bath and bedroom set with easy action locking lever

SINCE 1839  
**RUSSWIN**<sup>®</sup>  
 DISTINCTIVE HARDWARE

Proving the Economy of Quality

# a One-Tractor Fleet for Contractors



**Allis-Chalmers**

**HD-5G**

with your choice of  
**14 interchangeable  
Attachments**

Weight with standard bucket, 16,200 lb.  
... 40.26 drawbar hp. ...  
diesel-powered ... hydraulic operation

- ★ 1 cu. yd. Standard Bucket
- ★ ½ cu. yd. Narrow Bucket
- ★ 2 cu. yd. Light Materials Bucket
- ★ 1 cu. yd. Rock Bucket
- ★ Teeth for All Buckets
- ★ Heavy-duty Bulldozer Blade
- ★ Heavy-duty Angledozer Blade
- ★ Lift Fork (4,000 lb. lifting capacity)
- ★ CraneHook (5,000 lb. lifting capacity)
- ★ V-type Snowplow
- ★ Trench Hoe
- ★ Drag Bucket
- ★ Tine Fork
- ★ Rock Fork

Here is a versatile time-saver on any project. Equipped with Tracto-Shovel quick-change attachments, the HD-5G Tractor becomes a fleet of machines in one . . . hurries every phase of building, from breaking ground to final leveling and landscaping. For example:

**Standard bucket (above)** digs basements, moves and loads materials of all kinds, elevates bricks, shingles, etc. to roof height on small construction jobs.

**Trench hoe (right)** cuts a narrow, flat-bottom ditch to a depth of eight feet . . . ideal, too, for precision work on footings and other small excavations.



**Straight or angled blade (left)** handles clearing, final leveling, back-filling and landscaping.

The machine's usefulness is further expanded by other attachments — changes from one to another are made in 20 minutes. Write for new literature, or ask your Allis-Chalmers dealer for a practical demonstration.



**ALLIS-CHALMERS**  
TRACTOR DIVISION • MILWAUKEE 1, U. S. A.

## Radiant Heating

(Continued from page 212)

15 KVA transformer. Greenfield cable is used from the panels to the relays and heat resistant wire in connections to the panels. The single panels are fused at 15 amperes on both wires, while the double panels are fused at 20 amperes. The circuit never blew a fuse.

"The cost of the heating panels and related equipment was as follows: Eight 1,000-watt, 220-volt panels at \$45 each; five room thermo-



**ELECTRICAL** radiant glass heating panels are being used extensively to heat dairy barns and milk houses on farms where electricity in rural areas has been made available. The cost of the heating equipment was \$478.10. The cost of the complete wiring job including house wiring and fixtures amounted to \$236.50 for labor and \$443.60 for materials.

"A separate watt hour meter registered the 200 volt current used by the eight panels in heating. Meter readings were taken on the first day of each month. Total degree days for the season were five per cent greater than the ten year average, or 7.323. The lowest recorded temperature was 14 below zero. Total energy requirements for the season was 10,991 KWH. At the available rate for this installation of 2½ cents per KWH, the cost was \$247.30. An

(Continued on page 216)

Finest Buy in the Land... on Every Count!

# NEW 1951 CHEVROLET

## Advance-Design TRUCKS

These new 1951 Chevrolet trucks are tops in value. They're tough and rugged. They're loaded to the brim with power. They're thrifty . . . move massive loads . . . handle like no other truck. Chevrolet's latest haulers have 51's finest new features, too. Features like new, super-effective brakes that are extra-safe and easy to operate. Features like Chevrolet's Dual-Shoe parking brake, Chevrolet's new Ventipanes and new cab seats that bring you comfort with a capital "C." Visit your Chevrolet dealer and look over these great new trucks: You'll find the right truck for *your* job!

CHEVROLET MOTOR DIVISION, *General Motors Corporation*  
DETROIT 2, MICHIGAN



### ADVANCE-DESIGN TRUCK FEATURES

**TWO GREAT VALVE-IN-HEAD ENGINES**—the 105-h.p. Loadmaster or the 92-h.p. Thriftmaster—to give you greater power per gallon, lower cost per load • **POWER-JET CARBURATOR** — for smooth, quick acceleration response • **DIAPHRAGM SPRING CLUTCH**—for easy-action engagement • **SYNCHROMESH TRANSMISSIONS**—for fast, smooth

shifting • **HYPOID REAR AXLES**—for dependability and long life • **NEW TORQUE-ACTION BRAKES**—for light-duty models • **PROVED DEPENDABLE DOUBLE-ARTICULATED BRAKES** —for medium-duty models • **NEW TWIN-ACTION REAR BRAKES**—for heavy-duty models • **NEW DUAL-SHOE PARKING BRAKE** —for greater holding ability on heavy-duty

models • **NEW CAB SEATS**—for complete riding comfort • **NEW VENTIPANES**—for improved cab ventilation • **WIDE-BASE WHEELS**—for increased tire mileage • **BALL-TYPE STEERING**—for easier handling • **UNIT-DESIGN BODIES**—for greater load protection • **ADVANCE-DESIGN STYLING**—for increased comfort and modern appearance.



## BUILD CEDAR CLOSETS WITH A PAINT BRUSH

**FIREPROOF!**  
**FRAGRANT!**  
**ECONOMICAL!**  
**ECONOMICAL!**



EASY TO APPLY

### LABORATORY TESTS PROVE

that Cedar-Lux is 100% protection against moths and larvae. Amazing discovery sweeping the country.

**CEDAR-LUX BRUSHES ON JUST LIKE PAINT**

## NOW—ADD A CEDAR CLOSET TO EVERY NEW OR REMODELED HOUSE

CEDAR-LUX is readily applied by the average laborer on the job. No painting skill required.

**BRUSH ON!**  
**SPRAY ON!**  
**TROWEL ON!**

With CEDAR-LUX it costs you only a few dollars to "feature" a Cedarized Closet as "standard equipment."

Using genuine cedar wood panels, even if obtainable, the cost would be many times this amount. Genuine cedar wood loses odor and effectiveness in about a year. CEDAR-LUXED closets retain that woody, cedar smell and give protection against moths for years.

Not a substitute for cedar. IT IS CEDAR! Crushed cedar scientifically treated. Can't wash off! Can't rub off! Cedar odor stays in! Perfect protection for furs, valuable wearables.

### TAKING THE COUNTRY BY STORM

CEDAR-LUX covers twelve to fifteen square feet per pound. Just mix with plain water.

and paint on—trowel on—spray on. Dries three times as hard as plaster. Light pink in color. Thousands of home owners use it to cedarize closets, boxes, do dens, rumpus rooms.

QUANTITY PRICES TO BUILDERS AND CONTRACTORS.

**FOR**  
**—STUDIOS**  
**—DENS**  
**—RUMPUS ROOMS**

Write for the whole story about CEDAR-LUX

## CEDAR-LUX PRODUCTS CO., INC.

703 Main Street, Dept. AB-4  
Kansas City 6, Missouri  
Gentlemen, Send detailed literature on CEDAR-LUX.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_

216

## Radiant Heating

(Continued from page 214)

analysis of the ratios between KWH consumption per month and the number of degree days per month shows that during the colder months a greater amount of KWH's are required per degree day."

Another test has been made on a house in Hartford, Conn. This home is of Cape Cod style, two-story frame construction with three bedrooms, living room, dining room and kitchen. There are two bathrooms, a large upper and lower hall, a basement playroom, workshop and laundry. The house is fully insulated with complete storm doors and windows. Three outside doors are weatherstripped but casement windows are not. With an inside design temperature of 70 degrees and an outside temperature of 5 below zero the net total calculated heat loss was figured at 48,700 BTU per hour. The house has 2,101 square feet of living area, with 742 square feet in the basement, which is also heated.

A total of sixteen 1,000-watt, 230-volt radiant glass heating panels were installed, with eight zones of heat, each controlled by its own thermostat. In the season studied there were 6,198 degree days and the total electrical energy consumption was 18,267 KWH.

In both of the test houses discussed here, which are equipped with Continental Radiant Glass Heating Corporation's Glassheat, occupants reported completely satisfactory comfort conditions at all times.

The Louis Sterchi Furniture Co. of Bristol, Tenn., recently installed radiant glass baseboard heating panels in a new display room 90x170 feet with a cubic footage of 190,000. In a copyrighted report prepared for the Appleman Art Glass Works, Inc., manufacturers of Electriglas radiant heating panels, Joseph Marshall says: "A combination of perimeter heating and radiant heating through the use of Electriglas electric radiant glass baseboard, installed in the new building of the Louis Sterchi Furniture Co. provided in excess of 65 degrees of rise and an air temperature uniform within two degrees in space and one degree in time over 190,000 cubic feet, maintaining an air temperature of 70 degrees and a relative humidity of 60 per cent and providing a very high quality of heating comfort, with the remarkably low capacity of .29 watts per cubic foot." The test was run during two weeks following January 24, 1951.

Renew Your Subscription

## STEP UP YOUR REMODELING ... AND NEW HOME SALES



**WITH WEL-BILT FOLD-A-WAY STAIRWAYS**

**SAFE**  
**★ STRONG**  
**★ EFFICIENT**

Quick demonstration makes easy sale! Converts wasted attic into an extra room or usable storage space. Easy to raise and lower. Folds compactly, requiring minimum ceiling space, negligible installation cost. Comes completely assembled. Write for FREE folder—full details.

Sold by Retail Lumber Dealers Coast-to-Coast

Manufactured by THE

## WEL-BILT PRODUCTS COMPANY

P. O. BOX 95  
MEMPHIS, TENNESSEE

## Red Cedar Closet Lining

**Brown's SUPERCEDAR**  
**NATIONALLY ADVERTISED**



Guaranteed 90% Red Heart or Better

Only SUPERCEDAR is of the same uniform high quality standard that guarantees every package to contain 90% Red Heart or better, and 100% oil content that produces the pleasing aroma.

ALL WIDTHS PUT-UP 40 FT. TO PACKAGE

More home builders are specifying cedar lined closets today than ever—and Brown's SUPERCEDAR is nationally advertised to thousands of new home prospects, architects and builders. SUPERCEDAR closet lining is surfaced, tongue and grooved, ready to put on with no waste. Packaged and sealed with the Geo. C. Brown label and guarantee, famous since 1888.

100% oil content  
Suggest Cedar Lined Closets to Every Home Builder. There is Nothing Better than

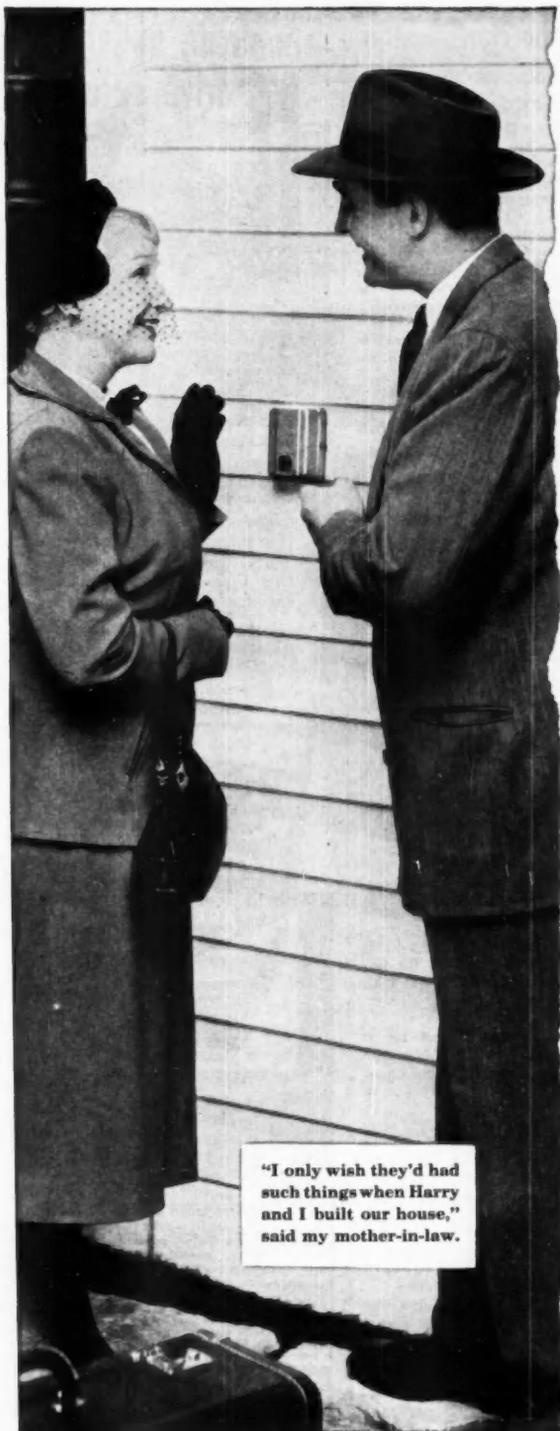


SEALED PACKAGED LABELED

Product of  
**GEO. C. BROWN & CO., Inc.**  
GREENSBORO, N. C. ESTABLISHED 1888

LARGEST MANUFACTURERS OF AROMATIC RED CEDAR IN THE WORLD

AMERICAN BUILDER



"I only wish they'd had such things when Harry and I built our house," said my mother-in-law.

## My mother-in-law gave me the sales idea of the year!

It was the time my mother-in-law first came to visit us in our new house. As we started to go inside, she somehow spied the Honeywell Anticipating Thermostat.

"Now what in the world is *that*?" she asked.

"It's *one* of the thermostats of our electronic temperature control system," I explained.

"But why *outside*?"

"Well, you see, it matches our heating to *any* change in the weather. It works with *other* thermostats inside to keep the house comfortable all day long."

I thought she'd forgotten about it until later, one night at dinner, she said, "Jim—those new houses you're building. Do they all have the same kind of heating arrangement—I mean, will they all be as cozy and warm as yours?"

"Absolutely! Honeywell Moduflow—as we call it—is a standard feature of every house I build."

"Do people know about it?" she asked. "Because it would certainly sell me this house *fast*! I only wish they'd had such things when Harry and I built our house."

That caused me to shift gears in my sales approach. Electronic controls—*100 times more sensitive than standard controls*—had gone into my houses because I knew my customers would be more comfortable and better satisfied. But, gosh, I'd never really looked on Moduflow as being a *sales* feature.

Believe me, I do now! It's one of the first things I point out in my sales talks and in my advertising. And, brother, how it pays off!

Thanks to my mother-in-law, I discovered Honeywell Electronic Moduflow is the sales idea of the year. Electronic controls can help *you* sell houses, too. For more of the *why's* and *how's* call your local Honeywell office. Or write Minneapolis-Honeywell Regulator Co., Department AB-4-59, Minneapolis 8, Minnesota.

MINNEAPOLIS  
**Honeywell**

*First in Controls*

## Better Design

makes the difference

- in easier handling
- faster sawing

Model 160  
6" Saw



Model 180  
8" Saw



Model 160—Straight cut: 2" max.; 3 1/4" min. Bevel cut at 45°: 1 1/2" max.; 3 8" min. Net weight: 10 lbs. 4 oz.

Model 180—Straight cut: 2 29/32" max.; 1" min. Bevel cut at 45°: 2 1/16" max. Net weight: 17 lbs. 8 oz.

## BRADFORD

ELECTRIC SAWS

Bradford engineered design has taken the awkward "bulk" out of old-time powered hand saws — and created a streamlined, precision tool that glides through the work with easy, effortless control. Only a Bradford has the fine balance that gives greater ease of handling in any working position.

Bradford Saws are designed inside and out to take on the toughest sawing jobs. Ball bearings with permanent lubrication are used throughout. Heat-treated alloy steel helical gears give maximum driving power. A powerful, 110 volt AC/DC motor drives the blade with quiet, cool-running efficiency.

Own a Bradford — they are popularly priced and the choice of craftsmen everywhere. See your tool supplier for a demonstration or write direct for free bulletin giving complete specifications and prices.

**The BRADFORD MACHINE TOOL CO.**

654 Evans Street Cincinnati, Ohio  
Precision Since 1840

## Association News, cont'd

### Atkinson

mountable type housing in areas where the need will not extend beyond the defense emergency.

(4) FHA's insuring authorization increased sufficiently to cover both present and proposed FHA operations. Atkinson said FHA's insuring operations during the past 17 years have constantly shown a very substantial profit and have not required expenditures from the Federal treasury, as is sometimes mistakenly assumed.

(5) Extension of the Wherry Act for two years and amendment to include projects of the Atomic Energy Commission.

(6) Financial assistance to provide utilities or community facilities in defense areas where local governments are unable to furnish such aid.

(7) Suspension, at least during the emergency, of the present tax-subsidized public housing program.

### Dealer Conventions



Clarence D. Burkholder

cinnati; and Dr. W. H. Alexander, First Christian Church, Oklahoma City.

A popular feature was a dealer clinic covering nine phases of the Retail Building Materials market in 1951.

### Michigan

Walter A. Peacock of Port Huron was elected president of the Michigan Retail Lumber Dealers convention at the group's 62nd annual convention in Grand Rapids February 6-8.

Other 1951 officers are T. P. Peterson, Grayling, and Donald P. Yerkes, Jr., Northville, vice presidents; Norman B. Cove, Lansing, treasurer; Hunter M. Gaines, secretary, and Donald J. Moe, assistant secretary, both of Lansing; and Donald P. Schuur, Detroit, counsel.

Attendance at the meeting totaled 2,135 and there were 118 exhibits.

One of the program highlights was an audience participation panel discussion. Panel members were Edward G. Gavin, *American Builder* editor, moderator; C. A. Thompson, Champaign, Ill., dealer; Robert E. Russell, managing editor, *American Lumberman*;

(Continued on page 220)

## linoleum underlay drive screws



To make your linoleum underlays hold tightly and lay flat permanently, secure them with Hassall linoleum underlay drive screws. They are spiral-threaded and cement-coated for maximum holding power. Heads are flat countersunk type. Size: 1 1/4" x #3 ga. State quantity when writing for prices to:

**JOHN HASSALL, INC.**

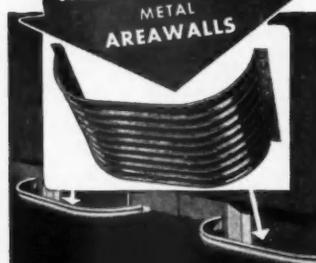
186 Clay Street  
Brooklyn 22, N. Y.  
Established 1850



*Lux-Right*

NATION'S BEST

METAL  
AREAWALLS



**LUX-RIGHT** Areawalls are now made with HUG-TITE Flange. This means tighter fit against vertical foundation wall. Retards lifting of fill into basement well. One-piece unit, acknowledged to be "The Nation's Best" by home-owners, dealers, builders everywhere. ORIGINAL and ONLY Areawall Hot-Dip-Galvanized AFTER forming. Every edge, every surface protected from corrosion.

See nearest distributor, or dealer, or write.  
Free illustrated folder. TM Reg. U.S. Pat. Off.

**ST. PAUL CORRUGATING CO.**

Expert Sheet Metal Manufacturers for 66 years  
SOUTH END WABASHA BRIDGE • ST. PAUL 1, MINN.



Add to the beauty—  
protect it permanently!

Residence of E. L. Kaylor, Saginaw, Michigan. **Architect:** Glenn M. Beach, Saginaw, Mich. **Roofing Contractor:** MacArthur Roofing and Sheet Metal Company, Saginaw, Mich. **Roofing:** "Century" No. 5 Shingles, Surf Green.

## Use "Century" ASBESTOS-CEMENT ROOFING SHINGLES

### Colors to please every customer

Attractive roofing of stone-like durability! "Century" Asbestos-Cement Roofing Shingles add to the beauty of any home—protect it against weather; are not affected by termites; will not rust or rot. And, being entirely mineral by nature, they cannot burn—are eligible for lowest fire insurance rates . . . a point any home owner appreciates!

The broad color selection is another "owner pleaser." "Century" Roofing Shingles are available

in Spanish Red, Surf Green, Gray Duoface, and Black. These are "built in" colors—won't weather out; won't fade—don't ever need painting to preserve their beauty.

And tell your customers about the economies, too! "Century" Roofing Shingles are moderately priced; are specially designed for quick, easy application.

With advantages like these, you can build your business—increase your profits—with "Century" Asbestos-Cement Roofing Shingles. Ask your Keasbey & Mattison dealer for details, or write us direct.

### About the "Century" Shingles on the above residence . . .

"Century" Asbestos-Cement No. 5 Shingles, American method appearance; random-width, thatched butt design. Application cost is low—each unit covers more than 1 sq. ft. of exposed area; 90 shingles per square; 2 nails per shingle; self-aligning. Give complete weather protection on roof pitches as low as 4" rise per foot.



*Original manufacturers of  
Asbestos-Cement Shingles in this country*

**KEASBEY & MATTISON**  
COMPANY • AMBLER • PENNSYLVANIA

**SAVES  
TIME**  
fast, easy operation

**SAVES  
MONEY**  
low-cost...trouble-free



**\$107<sup>50</sup>\***

## Smith-Corona ADDING MACHINE

**N**ew ease of operation and top-flight features are yours with a Smith-Corona. *Colorspeed Keyboard* quickens finger action . . . *Error Control* corrects mistakes instantly before adding . . . *"Clear" Signal* guards against including unwanted figures . . . *Instant Tape-Eject* shoots out the used tape with a flip of the finger.

Enjoy the satisfaction of trouble-free operation. Smith-Corona is built to last for years without costly servicing. You'd pay dollars more for machines with comparable advantages. See your Smith-Corona dealer or mail coupon.

\*Price for all states permitting Fair Trade Laws. Subject to change. Tax extra.

### SMITH-CORONA CASHIER

A complete cash register plus adding machine service at lowest cost.



### MAIL COUPON TODAY

L C SMITH & CORONA TYPEWRITERS INC  
137 ALMOND STREET SYRACUSE 1 N Y

Gentlemen: Send detailed literature on

Adding Machine     Cashier

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

## Association News, cont'd

Edward H. Libbey, National Retail Lumber Dealers Association secretary; and Charles M. Mortenson, managing director, Producers' Council.

Other speakers included Clyde A. Fulton, NRLDA president; Robert P. Gerholz, 1950 president of the National Association of Real Estate Boards; and G. F. Hoppe, sales promotion manager, Minnesota and Ontario Paper Co.

### Western Pennsylvania

A fight against black markets was pledged by the Lumber Dealers Association of Western Pennsylvania during its recent convention in the William Penn Hotel, Pittsburgh.

The association resolved to ask wholesalers to transmit to manufacturers an appeal urging consideration of an equitable quota system, and called upon members to report black market products to the association for submittal to proper authorities.

Attendance at the 44th annual meeting reached 1,110 and there were 58 exhibits.

George B. King of Tidouste was re-elected president of the group. New vice presidents are M. R. Fetterhoff, Johnstown, and V. L. Smyers, DuBois. Also reelected were S. W. Means, treasurer; R. F. McCrea, secretary manager; and R. P. Greiner, assistant secretary-treasurer, all of Pittsburgh.

Speakers included C. A. Luce, manager, West Coast Lumbermens Association; Daniel J. Boone, manager, merchandising division, Zonolite Co.; Harold K. Wilson, eastern representative, Douglas Fir Plywood Association; Joseph F. Leopold, Dallas, Tex.; Nathan H. Gist, New York City; and H. Roe Bartle, president, Missouri Valley College, Marshall, Mo.

### Middle Atlantic

A highlight of the 59th annual convention of the Middle Atlantic Lumbermens Association was a management workshop in which experts discussed the effect of current national and international problems on the retail lumber and building materials dealer. The convention was held February 7-9 at Atlantic City, N.J.

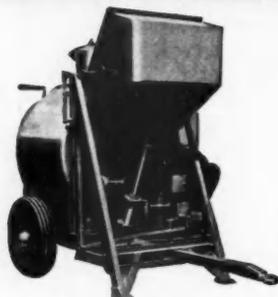
Moderator of the "workshop" was J. Ewing Kennedy, director of Pennsylvania state college's management training extension program. It was held each of the three days of the convention, with a different panel of speakers each day.

The Middle Atlantic Silver Plaque was presented to Senator Robert A. Taft of Ohio at the annual banquet, honoring him in absentia "for charting a course of sanity and safety for America." The plaque was accepted for the senator by Miss Bertha S. Adkins, director of women's affairs for the Republican national committee.

Fred P. Adkins, Salisbury, Md., was

(Continued on page 222)

## GILSON MIXERS



MODEL 6-S-PT

For Value Buy Gilson

- Quality Built
- Dependable Performance
- Best Price on the Market

Since 1911 manufacturers of quality concrete and mortar mixers from 2 to 15 cu. ft. capacity. Write for illustrated bulletin and name of your Gilson distributor.

GILSON BROS. CO.  
FREDONIA, WIS.

## PRECISION folding stairway



- No springs—Actuated by counterweights
- Easy to operate
- Safety treads on steps
- Insulated door panel
- Requires no attic space
- Shipped in one package

Write for full information

PRECISION PARTS CORP.  
Nashville 7, Tennessee

AMERICAN BUILDER



# Don't guess

*about quality*

# Be sure

*with names you know!*

These Trademarks on doors  
you buy are quality insurance

Hollow core flush doors today can almost be described as a building "staple." Probably no other building item has had such a sudden and sustained consumer acceptance and demand.

Be sure you reward that demand with the quality it deserves. Install Weldwood Honeycomb Core or Mengel Hollow Grid Core Doors.

THE WELDWOOD HONEYCOMB CORE DOOR is a new development of the United States Plywood Corporation. Thoroughly tested in actual service, it is extremely strong, exceptionally light, eminently serviceable and unusually attractive . . . this new door can be had with birch, oak, Korina or other hardwood faces. Here's top-flight quality at low prices.

United States Plywood Corporation carries the most complete line of flush doors on the market including the famous Weldwood Fire Doors, Weldwood Stay-Strate Doors, Weldwood Honeycomb Doors, Mengel Hollow-core Doors, Mengel and Algoma Lumber Core Doors, 1 $\frac{3}{4}$ " and 1 $\frac{1}{2}$ " with a variety of both foreign and domestic face veneers.



## WELDWOOD FLUSH DOORS

*Manufactured and distributed by*

**UNITED STATES PLYWOOD CORPORATION**

55 West 44th Street, New York 18, N. Y.

Branches in Principal Cities • Distributing Units in Chief Trading Areas

Dealers Everywhere

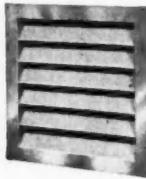


THE MENDEL HOLLOW GRID CORE DOOR has thousands of satisfied users to attest its quality. A long-time, low-cost favorite, this popular door is available with faces in a wide variety of beautiful, decorative hardwood veneers.

Don't accept any substitutes. Wherever you have a requirement for interior flush doors, make certain the doors you install bear one of the trademarks above. That way, you can *be sure* about quality, with a name you know.



That's what builders through-out the country are saying. They know that the Leigh Line of Ventilators is the complete line with a size and a type to fit every ventilating job. They know too, that while the quality is high the price is right.



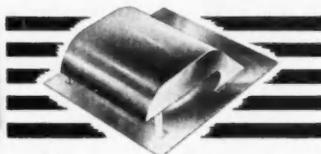
#### ATTIC VENTILATORS

Built in two styles — recessed and flush type. Louvers have rolled edges for greater strength and better looks and they are designed to keep out rain and snow. These Ventilators are screened in the back. Available in a wide range of sizes.

#### TRIANGLE VENTILATORS



Low price, peak type Ventilators. Two sizes — 9 x 12 pitch with wide flange fits 8-12 or 10-12 pitched roofs. A 6 x 12 pitch fits 5-12 or 7-12 pitched roofs. A sturdy large area ventilator with no loose or sliding parts.



#### New ROOF VENTILATORS

A really new idea in Roof Ventilators. Made in two sizes, 60 sq. in. and 40 sq. in. of ventilation. These ventilators are open on three sides with a screened venturi type opening that really moves the air out of the attic. One piece base eliminates any chance of leakage. Both are small and compact with a very low silhouette.

And don't forget the Leigh Foundation Ventilator. Also, Brick, Cement Block and Thru-the-Wall Ventilators.



Write for the Leigh Pocket Catalog showing the complete Leigh Line of Metal Building Products.

**LEIGH BUILDING PRODUCTS Division**  
Of Air Control Products, Inc.  
LEIGH AVE., COOPERSVILLE, MICHIGAN

## Association News, cont'd

awarded the Civic Achievement Bowl for 1950 as the lumberman "who has done most to promote better understanding, better human relations and better living in his community."

Named association president for the third consecutive year was Claude G. Ryan of Lancaster, Pa. Vice president is G. Hunter Bowers, Frederick, Md.

Convention registration totaled 1,475. Ninety booths were occupied by 68 exhibitors.

#### Kentucky

High interest in two panel discussions—on local and national problems—was given a major share of the credit for attracting a record number of registrants to the 46th annual convention of the Kentucky Retail Lumber Dealers Association January 15-17 at the Brown Hotel, Louisville. Attendance was 853 and there were 12 exhibitors.



Sam Levy, left, 1951 Kentucky President, and Elbert Myers, vice president

On the local problems panel were Lloyd Yeager, secretary of the National Gypsum Association, Chicago; Sid L. Darling, secretary, National-American Wholesale Lumber Association, New York City; C. Boyd Mahin, attorney, MacLeish, Spray, Price and Underwood, Chicago; and W. W. Owsley, lumber dealer, Cynthia, Ky.

National problems were discussed by Roscoe R. Dalton, state director of the Federal Housing Administration, Louisville; H. R. Northup, executive vice president of the National Retail Lumber Dealers Association; John L. Haynes, Department of Commerce, Washington; and Rumsey Taylor, lumber dealer, Princeton, Ky. Moderator for both sessions was Don A. Campbell, Lebanon, Ky., secretary-manager of the Kentucky Association.

Sam Levy of Louisville was elected president for 1951, Elbert Myers, Glasgow, was named vice president, and Don A. Campbell, executive vice president.

#### Mountain States

High interest in the 58th annual convention of the Mountain States Lumber Dealers Association was evidenced by a record registration of 1,000, heavy attendance at all business sessions and a capacity number of exhibitors—60. The meeting was held in the Shirley-Savoy Hotel, Denver, February 7-9.

(Continued on page 224)

## SIGNS AT FACTORY PRICES



NOW IS THE TIME  
... TO ORDER ...

Signs made to order for BUILDERS, REAL ESTATE, on METAL, MASONITE or Cardboard. Any amount. Large or small.

Write for details . . .  
● PROMPT SERVICE

"WE SIGN THE NATION"  
**ACTIVE DISPLAY ADV**  
1702 West 19th Street Chicago 6, Ill

## BOSTROM LEVELS FOR HALF A CENTURY



No. 5 BOSTROM Convertible Level Detachable Compass when desired

Have been the most economical precision leveling instruments on the market.

Used and endorsed by contractors and builders everywhere. Sold on guarantee of satisfaction or money back.

Carried in stock by distributors from coast

to coast. Write today for literature, prices, and name of our distributor near you.



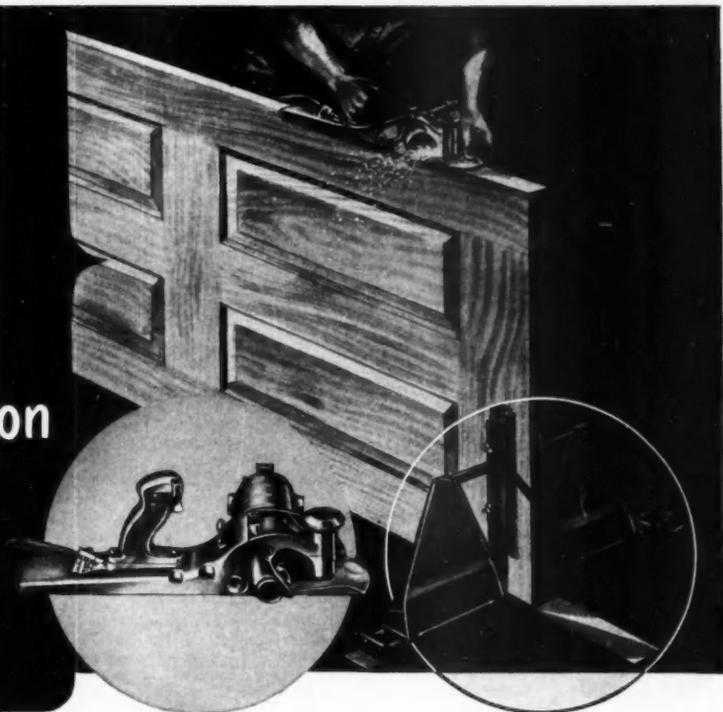
No. 4 BOSTROM Contractors' Level

Simple, Accurate, Durable, Complete

**Bostrom - Brady Mfg. Co.**  
535 Stonewall St., S. W. ATLANTA, GA.

# World's Most Efficient Tool Combination

for fitting  
doors and  
windows



You're dollars ahead on every building job with this Stanley team working for you. Extra power and convenience make for faster, better fitting of doors, windows, screens, transoms, etc.

#### STANLEY ELECTRIC PLANE No. J5

The most powerful electric plane on the market! Full 1 h.p. motor drives spiral cutter 18,000 r.p.m. Planes surfaces up to 2½" wide. Adjustable for straight or bevel cuts to 45°, and for depth-of-cut to 3/16". Polished aluminum casting . . . strong, light, rustproof. Plane furnished with bench bracket and patented grinding attachment for sharpening cutter. Can be used as jointer.

#### STANLEY SASH AND DOOR HOLDER No. GA-156

Solves problem of holding door or window firmly while planing or routing for hinge butts. Eliminates makeshift sawhorse arrangements. Easy to handle . . . lightweight. Holds any normal-size door, screen or other woodwork up to 4" thick. Clamps and releases automatically.

See your dealer or write for complete catalog. Stanley Electric Tools, 400 Myrtle St., New Britain, Conn.



**For clean, time-saving sawing,  
use Stanley Safety Saws.**

<b>W65</b>	—	6" diameter
<b>W7</b>	—	7½" diameter
<b>W8</b>	—	8" diameter
<b>W9</b>	—	9½" diameter

# STANLEY

Reg. U.S. Pat. Off.

HARDWARE • TOOLS • ELECTRIC TOOLS • STEEL STRAPPING • STEEL

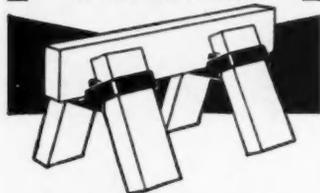
APRIL 1951

223

# Jiffy

## SAWHORSE BRACKETS

SET UP OR TAKE DOWN  
WITHOUT NAILS OR BOLTS



Saves time for carpenters, painters, paper hangers, contractors, and builders. Also saves trucking and storage space between jobs. Use any 2x4 for legs—2x4, 2x6, or wider for crossbar.

At building supply and hardware stores. Look for the handy display carton. If your dealer cannot supply you, order direct.



**GRAND HAVEN  
STAMPED PRODUCTS  
COMPANY**  
GRAND HAVEN, MICH.

## Association News, cont'd

The four business sessions were highlighted by a forum on "Materials Handling and Yard Planning Problems and Methods," a sound and color film on lumber grading, a clinic on dealer operations under a controlled economy, and a "Mobilize for Selling" talk by Chester C. Kelsey of the Asbestos Cement Products Association.

J. F. Scott, Denver, was named president for the 1951 term. T. H. Walker, Casper, Wyo., is vice president. New directors are Walker, F. E. King, Pueblo, Colo., and F. L. Smith, Roswell, N.M.

### Ohio

William H. Stine of Bryan, was elected president of the Ohio Association of Retail Lumber Dealers at the group's 70th annual convention January 29-31. Stine, former vice president, succeeds John M. Horn of Hamilton.

Registration at the 1951 meeting, held at the Netherland Plaza Hotel, Cincinnati, was 2,700.

Other new officers are James H. Clemens, Youngstown, and Homer Praker, Versailles, vice presidents; and Allen Brain, Springfield, treasurer.

Featured speakers included Clyde Fulton, president of the National Retail Lumber Dealers Association; Edward G. Gavin, *American Builder* editor; Col. Robert B. Brooks, St. Louis business analyst; Dr. William H.

Alexander, First Christian Church, Oklahoma City.

## Utah Association Sponsors Seminar on Building

A seminar for the light construction industries of the state, jointly sponsored by the Utah Home Builders Association and the University of Utah, was held February 14-17 in Salt Lake City.

The program, which covered contemporary methods of designing, planning and building, was arranged by Prof. Roger Baley, director of the university's department of architecture. Films, lectures and panel discussions were included.

The regular membership meeting of the association was held in conjunction with the seminar. Alan E. Brockbank, seminar chairman, was in charge of the meeting program.

## Plywood Leader Chosen For Price Control Post

Norman O. Cruver of Tacoma, Wash., a past president of the Douglas Fir Plywood Association, has been named price executive for the lumber and wood products division of the Office of Price Stabilization, one of the four top jobs in administering present and future controls for all of the na-

(Continued on page 226)



Floor for the years to come... with Northern Hard Maple! For 1951 modernization work—industrial plants—defense and low-cost housing—residences—schools—military construction. MFMA grades for every purpose: *First* Grade for "high style"—*Second*, utility and appearance—*Third*, utmost value with economy... or Combination Grades, Second-and-Better, Third-and-Better. MFMA Grading Rules, technical data, FREE. Write: MAPLE FLOORING MANUFACTURERS ASSOCIATION, Suite 550, Pure Oil Building, Chicago 1, Illinois.

FLOOR WITH **NORTHERN HARD MAPLE**  
BEECH AND BIRCH

## SAMSON BAR CUTTERS

- All Steel Construction
- Unbreakable Frame
- Easy Operation
- Immediate Shipment



Write for catalog of Metal Working Equipment

CAPACITY	No. 20	No. 23	No. 26
Rounds	1/2"	3/4"	7/8"
Squares	1/2"	5/8"	3/4"
Plats	2" x 1/4"	2 1/2" x 5/16"	2 1/2" x 3/8"
Concrete Bars	3/8"	1/2"	5/8"
PRICE	\$44.90	\$60.30	\$68.50

f.o.b. New York (Prices subject to change)

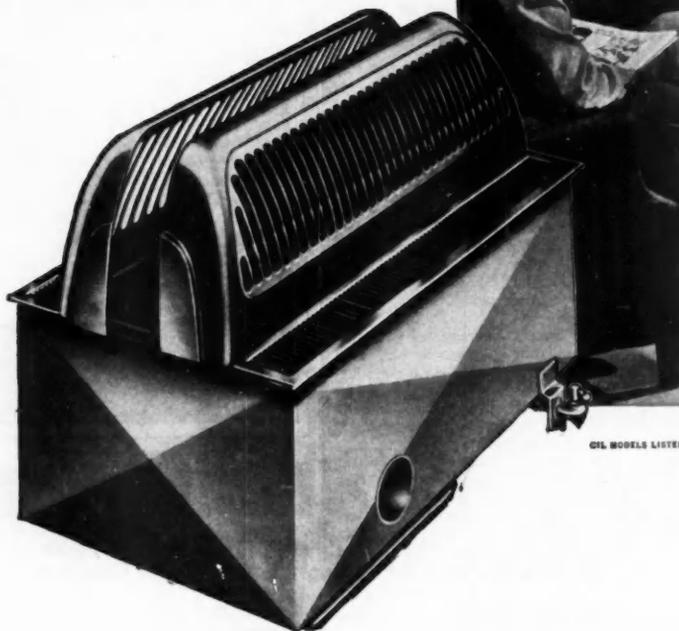
**JULIUS BLUM & CO., Inc.**

Established 1910

532 West 22nd St., New York 11 • WAtkins 9-7042

AMERICAN BUILDER

The finest automatic  
heating—at a price that  
cuts your costs!



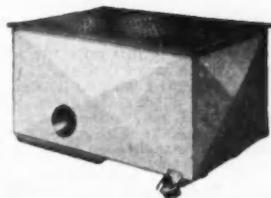
GAS MODELS APPROVED BY AMERICAN GAS ASSOCIATION  
OIL MODELS LISTED UNDER LABEL SERVICE BY UNDERWRITERS' LABORATORIES  
SHALLOFLOW GAS MODELS ILLUSTRATED

## Coleman Floor Furnaces

Both buyer *and* builder share in the work-saving economy of Coleman Floor Furnaces. These wonderful heating plants come in one compact package ready to install in the floor! Engineered for homes with or without basements, they eliminate excavations, duct work and extra plumbing costs! Heats 3 to 5 rooms.

The "move-the-heat" action of Coleman Floor Furnaces means a lot more healthful comfort for your customers. With Coleman, low-cost homes can be better-heated homes! *Automatic* Coleman Floor Furnaces circulate clean, warm air *where it's needed*. Uniform comfort for the whole family, plus warm floors for the children's health!

There are Dual Wall and Flat Register Models. The Flat Register Model lies flush with the floor. The Dual Wall Model fits beneath wall or partition to heat two adjoining rooms at the same time. Models for Gas, Oil and LP-gas. Find out more about this ideal low-cost heating service—write for complete information today! The Coleman Company, Inc., Wichita 1, Kansas.



The Coleman Flat Register Floor Furnace lies flush with the floor.

*Coleman "know-how" and consumer acceptance of the Coleman name as a standard of quality will help you sell homes faster.*

**Coleman**®

Comfort Costs So Little with a Coleman

SEE OUR CATALOG IN SWEET'S

**America's Leader In Home Heating**

The Coleman Company, Inc., Dept. AB-650, Wichita 1, Kansas

Please send me information on Coleman Floor Furnaces—

Gas     Oil     LP-gas

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

TRY **Coro-Pel**  
at our expense! \*

**PROTECT  
MASONRY FROM  
WATER AND STAIN  
DAMAGE**

**Coro-Pel**

The invisible Silicone Base  
**WATER REPELLENT**  
for New & Old Walls

Now, more than ever, it is important that masonry receive positive protection from destructive water and unsightly stains. *Coro-Pel is proven to be thoroughly effective for more than ten years.* It is "custom manufactured" for use on stone, cement, brick, etc. and is very effective in mortar joints.

**COR-O-PEL IS WATER RESISTANT**  
COR-O-PEL is produced from Silicone—invisible—permanent—heat stability—water repellence—yet it penetrates deeply—leaves the surface unchanged in color or texture.

**COR-O-PEL IS STAIN RESISTANT**  
COR-O-PEL prevents unsightly efflorescence (salts) from leaching out of the exterior masonry surface and stops moisture from carrying stains into the masonry surface.

**ONE APPLICATION DOES THE JOB**  
One application of COR-O-PEL is all that is required, making it unusually economical in both labor and material. COR-O-PEL may be applied at any temperature. It is recommended for above grade application only.

Our confidence in the outstanding effectiveness of this product is found in our invitation that you test it for yourself at our expense.



**CON-COR PAINT COMPANY**  
4550 Main Street Kansas City, Mo.

\* Please send, without obligation . . .  
 Free sample of COR-O-PEL.  
 Full information and Price List.

NAME \_\_\_\_\_  
COMPANY \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
 Distributor  Dealer  Contractor  Architect

## Association News, cont'd

tion's wood products industries.

Cruver, president of the Cruver Door Co. of Tacoma and Anacortes, Wash., has had more than 30 years experience in the production and distribution of forest products. During World War II he served as chairman of the door industry's advisory committee to OPA and as a member of the plywood advisory committee to WPB.

### New Hampshire Educator Is 1951 ASHVE President

Lauren E. Seeley, dean of the College of Technology of the University of New Hampshire, was elected 1951 president of the American Society of Heating and Ventilating Engineers at the recent 57th annual meeting of the group in Philadelphia.

Other officers are: First vice president, Ernest Szekely, president of the Bayley Blower Co., Milwaukee; second vice president, Reg F. Taylor, consulting engineer, Houston; and treasurer, Howard E. Sproull, division sales manager, American Blower Corp., Cincinnati.

The Tenth International Heating and Ventilating Exposition, held concurrently with the ASHVE meeting, attracted an attendance of nearly 18,000. There were 350 exhibits, covering all types of heating, ventilating and air conditioning equipment.

The exposition was officially opened by Lester J. Avery of Cleveland, 1950 ASHVE president, assisted by 1951 President Seeley, Charles L. Todd, executive director of the Philadelphia Convention and Visitors Bureau, and Charles F. Roth, exposition manager.

### Severe Drop in Starts Seen by MBA President

A severe drop in housing starts is coming just as soon as present commitments for FHA-insured mortgage loans and VA-guaranteed loans are absorbed, members of the Mortgage Bankers Association of America were told at their recent mid-winter mortgage conference in Chicago.

The forecast was made by Milton T. McDonald, MBA president, who had previously said that a drop of as much as 50 per cent might be in store for the building and real estate financing fields this year.

More than 650 mortgage, commercial and mutual savings bankers, real estate executives, title and trust company officials and officers of life insurance companies attended the conference, the largest regional meeting the association has ever sponsored.

Other speakers included Raymond M. Foley, administrator of the Housing and Home Finance Agency; Franklin D. Richards, commissioner of the Federal Housing Administra-

(Continued on page 228)



1st—Measure tread or riser in 10 seconds

## ELIASON STAIR GAUGE

Saves HALF Your Time  
Building Staircases

In 10 seconds you get both correct length and angle for stair treads, risers, closet shelves, ready to mark board. Each end automatically pivots and locks at exact length and angle needed for perfect fit. Length adjustable from 20" up. Saves a day or more, increases your profits \$20 to \$30 on each staircase. Fully guaranteed. Circular on request.

Only \$12.95 Postpaid (cash with order) or C. O. D. plus postage

**ELIASON TOOL CO.**  
2119 E. 56th St., Minneapolis 17, Minn.  
Dealer Inquiries Invited

2nd—Mark board with gauge for perfect fit.



This EMBLEM ON  
YOUR DOOR MEANS...

- A More profits for you
- B More service to your customers
- C MORE SALES

Let Us tell you more about  
it and send you a copy of...

THE ABC'S OF MAKING MONEY

**ALLIED BUILDING  
CREDITS, INC.**

HEAD OFFICE: 3100 WILSHIRE BLVD. • LOS ANGELES

NATIONWIDE SERVICE

AMERICAN BUILDER

# It's to be Her Home

She expects you to  
build it well



Don't Overlook

## CUPRINOL®

### Water Repellent Wood Preservative

- Stops Rot and Termites
- Reduces Swelling and Shrinking
- The Cost is Little—the Protection Long

On sills, studs, posts, sleepers . . . on porch flooring and steps . . . on wood gutters . . . Cuprinol treatment is a proven protection against rot and termites.

On doors, windows, jambs, frames . . . on fitted mill work of all kinds . . . Cuprinol treatment reduces the absorption of moisture that causes warping, shrinking and swelling — and criticism of your job.

On Plywood Cuprinol treatment minimizes grain raising and separation checks and subdues prominent grain patterns to give a lasting smoother finish under paint, stain or varnish.

Easily applied by brush, spray or dip on-the-job. There is Cuprinol Green for general use by itself or under paint, and Cuprinol Clear under paint, varnish or stain. Carried by lumber yards and building supply dealers.

See Sweet's File for Builders 2b/CU or write for information on types of Cuprinol for specific uses.

**CUPRINOL Division, Darworth Incorporated**  
56 Maple Street Simsbury, Conn.

Everybody's  
happy  
when I install  
this

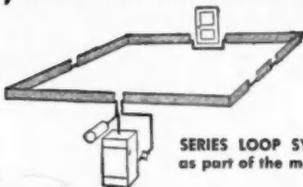


Low Cost  
Hot-Water Heat-



**BURNHAM BASE-RAY  
RADIANT BASEBOARD**

plus THIS SIMPLE SERIES HOOKUP



SAVES PIPE  
SAVES FITTINGS  
SAVES LABOR  
A SURE-FIRE BUSINESS  
GETTER

SERIES LOOP SYSTEM with BASE-RAY  
as part of the main (forced circulation.)

**ARCHITECTS** like it, along with heating contractors, because they know the high quality of BASE-RAY® and with this hookup they can provide ultra-modern hot water heating at a satisfyingly low price.

**BUILDERS** like it because it cuts the overall price of a house, yet provides lifetime, trouble-free heating . . . also because it's ideal for the modern, ranch-type and basementless-houses.

**HOME OWNERS** like it because they are on the receiving end . . . and they get the very latest in radiant heating comfort . . . with complete assurance mechanical upkeep will be practically nil.

Try this series hookup† with sturdy cast-iron BASE-RAY Radiant Baseboards. It's a combination that you can specify with complete confidence!

\*Reg. U.S. Pat. Off.

†See I.B.R. Guide#5—pp. 10.

To assure your clients an abundance of low-cost, year-round domestic hot water, there's nothing like a Burnham PACEMAKER or YELLO-JACKET Boiler with built-in copper water heater—tankless or storage type.

## Burnham Corporation

"PIONEERS OF RADIANT BASEBOARD HEATING"  
Irvington, N. Y., Dept. AB-41



BURNHAM CORPORATION Dept. AB-41  
Irvington, New York

Please send me new copy of "Ratings and Installation Guide" on BASE-RAY Radiant Baseboards.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

USE THE



### Portable Powerful Accurate

Designed for the building trade, this fast-cutting, versatile saw cuts rafters without marking or handling material twice. It can save you from \$200 to \$400 on small home jobs. You owe it to yourself to get full information on the speedy, accurate, cost-saving WALLACE NO. 1.

Send Coupon Today For Free Bulletins

Name .....

Company .....

Address .....

City ..... State .....

**J. D. WALLACE & COMPANY**  
136 So. California Ave., Chicago 12, Ill.

## Association News, cont'd

tion; T. B. King, chief loan guaranty officer, Veterans Administration; and W. A. Clarke, Philadelphia mortgage banker, now special consultant to the Office of Real Estate Credit in the Federal Reserve System.

### New England LP-Gas Group Joins National Association

Affiliation of the Liquefied Petroleum Gas Association of New England with the Liquefied Petroleum Gas Association, Chicago, national trade organization of the LP-Gas industry, has been announced.

Under the affiliation, the New England group, representing Maine, Massachusetts, Connecticut, New Hampshire, Rhode Island and Vermont, becomes a district of LPGA, but continues to operate with autonomy in its own area.

Plumer E. Pope, East Weymouth, Mass., is president of the New England Association. Louis S. Davis, executive secretary, has been appointed district secretary.

### L-P Gas Meeting May 7-10

Speeches on industry problems growing out of the national emergency will keynote the 1951 convention of the Liquefied Petroleum Gas Association,

scheduled May 7-10 at the Stevens Hotel, Chicago, it has been reported by Howard D. White, executive vice president.

White said that approximately 2,000 persons are expected to attend the meeting, which will mark the association's 20th anniversary.

### ASHVE Awards Plaque To Executive Officer

A bronze plaque "in recognition of 25 years of loyal service" to the American Society of Heating and Ventilating Engineers was recently presented to Aubry V. Hutchinson, executive secretary. The award was made for ASHVE by Lauren E. Seeley, president, who is dean of the College of Technology, University of New Hampshire.

Hutchinson, a native of Brooklyn, N.Y., became secretary of the society in 1926 after having been editor of several engineering trade publications.

### Detroit Industry Group

John Weinhart, president of the Builders Association of Metropolitan Detroit, has been named first vice president of the Detroit Construction Industry Council, a joint organization of trade associations and other groups in the construction field. One of Weinhart's jobs will be chairmanship of the Council's slum clearance committee.

## SPACE SAVER



Write  
today  
for  
literature

The Bessler Disappearing Stairway makes the upper story a valuable asset to the home without using space in the room below. When not in use it slides into the ceiling and out of the way.

It sells houses faster. Home owners appreciate this useful added space. Alert contractors are using the Bessler Disappearing Stairway.

Easily assembled and installed.

Made in seven models.

**THE BESSLER DISAPPEARING STAIRWAY CO.**  
1900 E. Market St. Akron 5, Ohio

## Scroll-etts

FOR SCREEN AND STORM DOORS

MORE SALES!

MORE PROFITS!

Write today for  
literature and  
trade discounts



You can't miss with SCROLL-ETTS - attractive cast aluminum, filigreed high-relief scrolls that add beauty and picture frame the screen or storm door. Gleaming white enamel or semi-polished aluminum finish for wood or metal doors, storm doors or screen doors. Retail from \$7.50 to \$16.00 per set. Packaged complete with mounting screws, ready for easy installation.

MANUFACTURERS AGENTS - Some choice territories still open. Write, giving complete information.

**Beaux Art Crafts**

2015 BROOKFIELD RD. PITTSBURGH 16, PA.

# HOLT Floor Machines are your **BEST BUY** and here's **WHY!**

Exclusive Holt patented features help you to do better work faster. Every Holt Machine is job proved through years of trouble-free, top-notch performance on the toughest floor work. And — every Holt Machine is built to make more profit for you.



**HOLT PROFESSIONAL SANDER, SNMPL 12.** Fast, smooth; super-accurate cut. Chatterless operation, demountable drum cushion, improved vacuum system, fingertip motor speed selector, two H.P. motor and many other features. NMPL 8 (not shown) has 8-inch drum width.

**HOLT ARISTOCRAT, A16.** All-purpose floor maintenance machine. Hand-grip control; heavy duty enclosed capacitor motor; self-leveling brush bracket; life-time grease sealed gear reduction unit; many other features.



**HOLT WHIRLWIND SPINNER.** Heavy duty, super-powered. Five tools in one — sands, wire brushes, grinds, planes and bevels.

**HOLT HAND SCRAPER.** Life-Time, Vice-Jaw scraper for old paint and varnish. Easily sharpened double-edge tool steel blades. Heavy brass or light weight aluminum models.



**HOLT HOPPER-TYPE NAILING MACHINE**  
For accurate top nailing of floors, plywood, wallboard, sheet metal, tile board, etc. Comes complete in handy case. Magnetic feeder prevents clogging, jamming, speeds up work. Takes floor brads and common flat nail heads.



**HOLT HORIZONTAL ROTARY EDGER, HD EZE-77.** Designed for accuracy, ease of control and dust-free operation. Ideal for close work in confined areas, also for glass beveling, marble and tile — many other uses. Sturdy, universal motor.

Write to Department 451 today for complete information on these and other of the famous profit-making, precision-built Holt line of Floor Machines.

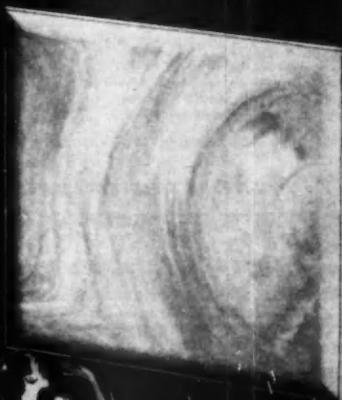
Due to restrictions and material shortages, all orders are subject to prior sale.

## HOLT MANUFACTURING COMPANY

651 20th STREET, OAKLAND 12, CALIFORNIA  
777 BADGER AVENUE, NEWARK 8, NEW JERSEY

# new!

## PRESTILE *"Beauty-Bevel"* PLASTIC TILE



### Most Realistic of Plastics!

Here's new magic for sales — Prestile's "Beauty-Bevel" Tile! More beautiful... thicker... stronger... easier application... greater wall adhesion. Backed by a brand name of national acceptance. Get the facts... now!

DISTRIBUTORSHIPS OPEN!

PRESTILE MANUFACTURING CO.

5850 OGDEN AVENUE  
CHICAGO 50, ILL.

WRITE

PRESTILE MFG. CO., 5850 OGDEN AVE., CHICAGO 50, ILL.  
Yes, we want to learn more about Prestile Plastic Tile. A

Your Name \_\_\_\_\_

DEALER  DISTRIBUTOR  APPLICATOR

Clip this memo to your letterhead and mail today

# LEMCO

## Solid Section Steel Casement Windows

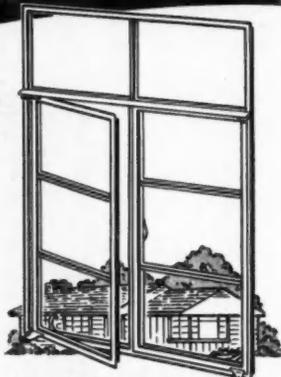
offer **PLUS VALUE**

IN RESIDENTIAL AND APARTMENT CONSTRUCTION

Low original cost plus economy of installation and continuing owner satisfaction make LEMCO Casement windows the choice of builders throughout the country.

Plan to use these high-value, low-cost windows in your next building project. See our catalog in Sweet's Architectural File or

WRITE TODAY FOR DESCRIPTIVE LITERATURE



AMERICA'S OLDEST CASEMENT WINDOW MANUFACTURER

# Croft STEEL PRODUCTS, INC.

14 MARKET STREET • JAMESTOWN, N. Y.

Balanced design — easy operation

Zip! Zip!  
Fast as you grip!

**C**EILING TILE, with flanges, can be fastened to furring strips easily, speedily with HANSEN. You hold the tile with one hand—tack with the other. Zip! Zip! fast as you grip—single-leg, 1/2" T-head Tacks are driven thru the flanges of the ceiling tile. No denting hammer blows to damage, mar or break tile while being applied. T-head Tacks hold securely without being visible.



Hansen T-1 Tacker tacking ceiling tile.

# HANSEN

the Tacker with 1001 uses —

Tacks insulation, ceiling tile, metal lath, etc.

Many other uses for Hansen—tacking insulation, metal lath, screens, building paper, etc. REQUEST BOOKLET T-40.

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

## Association News, cont'd

### Controls May Sap Strength, Building Group Leader Warns

The building industry is better prepared and equipped to meet all defense construction demands than it was at the start of World War II, but its efficiency could be seriously impaired by unrealistic government restrictions, Fred J. Driscoll, new president of the Building Trades Employers' Association said at the group's annual meeting held recently in New York.

Driscoll, head of the George F. Driscoll Co., general contractors, is BTEA's 14th president, Harry J. Stellman was named first vice president. Re-elected were Eugene Duklauer, second vice president; Perry S. Dewey, third vice president; and J. George Costello, treasurer.

The employers' group, an organization of 14 separate trade associations, in the building industry, represents 1,000 general contractors and sub-contractors.

### Short Course Teacher Is Former Student

When the annual 30-day Retail Lumber Dealers Course sponsored by the Illinois Lumber and Material Dealers Association was held at Robert Allerton Park, Monticello, in 1947, Alvin K. DeWilde, Eureka, was a student, gaining the highest scholastic ranking in the class. This year DeWilde was back at the school, but had graduated to the position of instructor, the first student to earn the distinction. His subject was hardware.

DeWilde has been associated with the K. J. C. Proctor Lumber Co., Peoria, for 12 years, the last four as head of the hardware department. A graduate of Eureka College, he spent three years in the Navy during World War II.

### Enamelware Group Elects Henry J. Held Chairman

Henry J. Held, vice president of the Universal-Rundle Corp. was named chairman of the Enameled Cast Iron Plumbing Fixtures Association at a recent meeting in Chicago.

Members of the executive committee, in addition to Held, are David J. Crane, vice president of the Eljer Co.; O. A. Kroos, executive vice president, Kohler Co.; and W. G. Moore, president, Humphreys Manufacturing Co.

It was reported at the meeting that bathtub shipments in 1951 reached a record 2,290,000, the highest previous production having been attained in 1948 when 1,899,994 were shipped.

*This low-priced*  
**UTILITY HARDWOOD  
 PLYWOOD**  
*takes perfect*  
**"NATURAL" FINISHES!**



Mengelbord\* is a low-priced, one-piece face, 3-ply, utility hardwood plywood, 1/4" thick. Made from beautiful White Tupelo Gum (a genuine cabinet-maker's hardwood). It is ideal for "natural" finishes!

Mengelbord is ideal for all interior uses:

DRY WALLS	PARTITIONS
CABINETS	STORE FIXTURES
FURNITURE	

*Write today for descriptive literature.  
 No obligation, of course.*

Where fine wood panels of Mahogany, Oak, Birch or Walnut are desired—ask for Mengelux\*. Literature on request.

**THE MENGEL COMPANY**  
 Plywood Division • Louisville 1, Ky.  
 \*Reg. U. S. Pat. Off.



## CANVAS AWNINGS

*make  
 your selling job easier!*

● There's a real dollars and cents advantage in favor of Canvas Awnings on new homes of every kind. They not only increase salability but they also pay a profit on costs of materials and installation. First summer occupants of homes protected by Canvas Awnings are enthusiastic in their praise compared with the discomforts of no protection against the sun. As a good-will factor, nothing will do so much at such low cost.

Your local Canvas Awning dealer's service covers fabrics, hardware, and installation service.

**THE CANVAS AWNING INSTITUTE, INC.**  
 and **NATIONAL COTTON COUNCIL**

"There is No Substitute for Canvas Awnings"



**45%** MORE METAL HEAT-RADIATING SURFACES AT NO EXTRA COST

with the exclusive **Radiant Blades** in



Note wide *Radiant Blades* within the heating chamber. Solidly welded to firebox, these metal fins boost heat-radiating surfaces and guide air over unit's hottest area.

Also a complete line of Outdoor Fireplace Units. Write today.

## Majestic CIRCULATOR FIREPLACES

Build a "heat bonus" into any home, easily and at low cost, by fitting masonry around this all-inclusive fireplace core. It's properly proportioned to work perfectly! Saves labor, materials. Send for details.



- FIT ANY MANTEL
- WILL NOT SMOKE

**The Majestic Co.**

300-B Erie St., Huntington, Ind.



## 4' BILDRITE\* SHEATHING

That's right! 4' Bildrite is the first insulating sheathing to meet the rigid requirements of F.H.A. for use without corner bracing. Now save \$25.00 to \$50.00 more per house.

Made of Hardy



Northern Wood

® 4

INSULITE DIVISION, MINNESOTA AND ONTARIO PAPER COMPANY

### Toll Sources of Military Contracts Information

Names of contractors awarded Army, Navy and Air Force contracts of \$25,000 or more are made available on a weekly basis through Department of Commerce and Armed Forces field offices and all Army, Navy and Air Forces purchasing offices now serving as outlets for procurement information, the Department of Defense has reported.

This service, in effect since July, 1950, provides businessmen with a weekly synopsis of unclassified contracts, whether negotiated or formally advertised, through more than 1,200 information outlets. A similar arrangement funnels information from the purchasing offices of the General Services Administration and other government agencies to the same outlets.

The service is especially useful as a service for subcontractors, the Department said, and usually there is no need for a businessman to go farther than the nearest procurement information field office to handle defense contracts.

### Predicts Gypsum Supply Will Meet All Needs

Gypsum production facilities will be put to the most severe test in the history of the industry by the government's accelerated rearmament program combined with demands carried over from the record 1950 home building boom, Lloyd H. Yeager, general manager of the Gypsum Association, said in a recent statement on production.

Enormous quantities of gypsum products will be needed, Yeager stated, to meet military demands for more airplanes, tanks and guns, the manufacture of which requires gypsum casting plasters; for the general building program on the civilian front and for special construction in key areas to house military personnel and industrial workers.

He predicted, however, that barring acute labor shortages or other unforeseen slowdowns, the industry would meet all "war" requirements for gypsum and would supply civilian needs for new home and industrial construction and remodeling.

Yeager reported that manufacturers are now geared to produce more than six billion square feet of gypsum board (lath, sheathing and wall-board) annually, an all-time high rate. In addition, he said, the industry, because of its vast expansion since World War II, is in a much better position than ever before to meet demands for gypsum products.

# DURALL® SCREENS

the fastest, most economical way  
to give your houses  
fine quality screens!



RECOMMENDED BY A LEADER IN HOME  
Guaranteed by  
Good Housekeeping  
on all advertised products.



**SNAPS INTO PLACE FROM INSIDE!** Flick of a finger installs Durall. No ladder climbing, no side frames to cut.



**ALUMINUM! NO RUST AND NO PAINTING!** Durall keeps its good looks, will not rust or stain house.

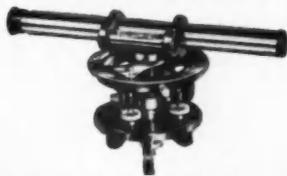


**ROLLS UP FOR STORAGE!** Durall swings free for window washing... makes compact roll for storing.

**DURALL** Tension Screens are made by one of the oldest manufacturers of wire screening. For complete information, write the New York Wire Cloth Co., Dept. AB-4, 445 Park Avenue, New York 22, New York.

APRIL 1951

You can get  
ideal light construction  
levels made by  
David White



This low-priced, reliable David White Improved Light Construction Level No. 8020 is simple and easy to use. Telescope 10" long, 10 power. Graduated spirit level, 4½" dia. circle graduated in degrees in quadrants. Has leveling screws and clamp screws. Complete with instruction book, carrying case, plumb bob, hinged leg tripod, rod and target. List price: \$55.00\*.



The David White Improved Light Construction Level Transit No. 8022 is a low-priced, simple, complete combination instrument. Levels and plumbs from same set-up. Has same features of instruments costing \$100.00 or more. 2½" graduated spirit level. Vertical arc 2½" graduated. Horizontal circle — 4½" graduated in degrees in quadrants. Base has 4 leveling screws and shifting center. Clamp and tangent screws for vertical arc and horizontal circle. Complete with instruction book, carrying case, hinged tripod, plumb bob and rod with target. List Price: \$75.00\*.

\*Prices subject to change without notice.

How many times have you wished for easy-to-use, low-cost levels and transits? Instruments ideally suited to light or rough construction work — basement excavating, landscape grading, trenching, tiling, concrete work, laying out building lots, etc. Here's your answer. These instruments are fully guaranteed. Small contractors have successfully used them for years. Big contractors often supply their individual crews for on-the-job service. See them at your nearest David White



dealer or write us direct for literature. **DAVID WHITE COMPANY**, 311 W. Court Street, Milwaukee 12, Wisconsin.

We offer complete, prompt repair service on all makes of instruments—levels, transits, theodolites, etc.

# KOHLER ELECTRIC PLANTS

## Portable and Mobile

Low cost portable power, easy to transport for jobs where power line is not available. Saves time—operates saws, drills, pipe threaders, cutters, other tools having universal (AC-DC) motors. Develops 1500 watts for intermittent service. Compact, weighs only 75 lbs. Handle for carrying. Other models, 350 watts to 15 KW. Write for folder 17-A.

MODEL 1.5MS, 1500 watts,  
115 volt DC. Manual  
control. Length 18",  
width 14", height 21".



Kohler Co., Kohler, Wisconsin. Established 1873

# KOHLER OF KOHLER

PLUMBING FIXTURES • HEATING EQUIPMENT • ELECTRIC PLANTS  
AIR-COOLED ENGINES • PRECISION PARTS



FINISHED Norge pre-cut cottage

## Log Cabin Technique Used in Precut Home

The old log cabin type of construction has been borrowed for a new precut, packaged home proving popular particularly as a summer cottage but adaptable for year-around occupancy.

The "log cabin" houses are built of 2x8-inch t&g planks, interlocked at the corners and requiring no nailing. Planking is double-tongued into rabbeted window and door frames. Partitions are dovetailed into the walls. The system makes for an extra-strong wall frame.

Introduced in this country by the Norge Co. of Norway, the construction is called the Tregaard Interlocking System. It has been featured in several shelter group magazines with emphasis on adaptability for simple and speedy erection.

Each piece of the house is cut to exact length and numbered to show where it goes. Floor beams are



PIECES are factory-cut, numbered to fit

locked in the wall planks with a dovetail joint. Beams are laid 16 inches o.c. and are 2x8 in the larger cottages, 2x6 in the smaller. Floor boards are tongued and grooved.

Roof purlins are 4x6, roof boards 1x6 or 1x7 tongued and grooved.

The eight models listed range from a small one-room cottage for \$595 to two- and three-bedroom houses with garage and breezeway for from \$2,585 to \$2,850.

One of the two-bedroom homes, built in the east, cost only slightly more than \$5,000 when ready for occupancy. The breakdown of cost was given as: Complete precut house, \$2,685; delivery, \$90; labor, \$392; foundation, \$250; paint, \$85; electricity and fixtures, \$108; bath, \$615; kitchen, \$350; refrigerator, \$229; and floor furnace, \$215.

thousands of contractors will want this new Bostwick catalog

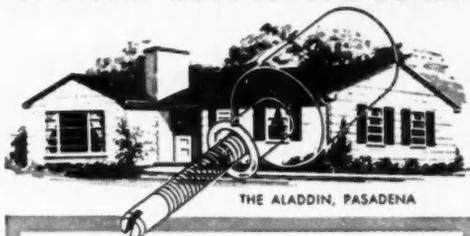
**Bostwick**

## METAL LATH AND ACCESSORIES

• Bostwick has promoted metal lath and metal lath accessories since 1890. All this experience is reflected in our Catalog which will make an excellent reference book for you. Don't miss seeing your copy . . . send for it today.

**THE BOSTWICK STEEL LATH COMPANY**  
103 HEATON AVENUE • NILES, OHIO

# ALADDIN CO. ADOPTS VIKRE SASH HOLDER



THE ALADDIN, PASADENA

J. N. Vikre Company, Inc.  
3016 14th Avenue South  
Minneapolis, Minnesota

**Gentlemen:**

During our forty-four years of manufacturing Aladdin readi-cut houses, we scrutinize every new development pertaining to the building industry and housing in general. After extensive research, we have adopted as standard window equipment, the Vikre sash holder, and during the past two and a half years have used tens of thousands of these and have never had one complaint.

We are very glad to be able to supply our customers with trouble-free equipment for the windows of their Aladdin home which adds to the economy when buying and building an Aladdin readi-cut home.

Very truly yours,

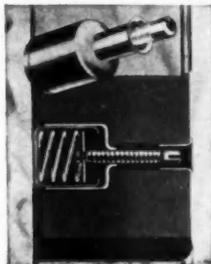
THE ALADDIN COMPANY

*R. V. White*  
R. V. White  
Asst. General Manager

BW:jda

"Tens of thousands of them—and never had one complaint." That's the record of Vikre Sash Holders in the famous Aladdin Read-Cut houses all over the nation.

Contractors, carpenters and home owners everywhere have found that Genuine Vikre Sash Holders are the *only spring tension type holders to have all moving parts fully enclosed* . . . will not stick or bind. Vikre Holders are quickly and easily installed, requiring



only one hole drilled in the sash. Designed for both new construction and modernizing old windows. Sturdy brass face plate with patented adjustable steel spring tension holds sash securely in any position. Only one holder required per sash. Once adjusted Vikre Holders require no further attention . . . act as an efficient anti-rattler. For dependable service always install Genuine Vikre Sash Holders in your clients' windows.

For additional information write DEPT. B.

**TWO SIZES**

Model VSH-57  
3/4" dia. for Check Rail Sash  
Model VSH-20  
3/4" dia. for Plain Rail Sash



**J. N. VIKRE CO. INC.**

3016 14TH AVENUE SOUTH MINNEAPOLIS 7, MINNESOTA

The heavy duty tool with  
built-in blower.....

RCS  
**SUPER SAW**

**AIR  
COOLED  
PATS. PEND.**



...an all-purpose roughing-in saw that saves more time than any other tool in your kit!

...fits any heavy-duty 3/4" drill—10 different blades saw ANY material—no starting hole needed.

...built to stand up under constant, every day Contractor or industrial use!

Cutting opening in oak flooring in less than 3 minutes—no starting hole needed!



● **NO STARTING HOLE NEEDED**...Simply place guide next to material and "rock" tool into an upright position.

● **CUTS RIGHT THRU IMBEDDED NAILS** . . . wood, plaster, iron pipe, sheet metal, "Transite" and most other materials—even in cramped quarters.

● **FITS ANY HEAVY DUTY 3/4" or 1/2" DRILL** . . . as easy as changing bits! Overall length only 10 1/4"; weight only 3 lbs. 6 ozs.

● **ANTI-FRICTION REPLACEABLE BEARINGS—BUILT-IN BLOWER** . . . Blower keeps tool comfortably cool even under continuous use—blows dust and chips away from cutting line. All friction surfaces are of "Oilite", phosphor bronze or high speed ball bearings. All wearing parts are replaceable.

Super Saws and Blades are listed on Federal Supply Schedules, Class 40 Material.

SEND THE COUPON TODAY for Complete Information and Prices

**R.C.S. TOOL SALES CORPORATION**

JOLIET, ILLINOIS, U.S.A.

Gentlemen:

Please send us Bulletin L-4 and name of the nearest Super Saw distributor.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_



Assure your clients  
*Scott's*  
LAWN PERFECTION

*Lawn Care* TELLS HOW, and it's Free!



Poor lawns can plague a builder for years . . . while lawns of Scott beauty are a lasting boom to his reputation. The easy way to specify and always get outstanding lawns is to read *LAWN CARE*. The practical soil conditioning tips, grading, feeding and seeding procedures outlined can save you time, money and above all assure your clients outstanding lawn beauty. Send today for a digest of over 100 *LAWN CARE* bulletins, and Free subscription to future issues. Both are free and without obligation. Just ask for *LAWN CARE* on your business stationery.

O M *Scott & SONS CO* 36 Spring Street, Marysville, Ohio  
also Palo Alto, California

For outstanding LAWNS use SCOTT'S *Lawn Care* PRODUCTS

**Speediest**  
FOR SIDEWALL JOBS!

"Trouble Saver" Scaffold Brackets speed construction. Here's why they save you labor, time and materials:

Put them up and take them down faster than you can erect makeshift wooden scaffolding.

Fold compactly—  
light in weight.

Made of rail carbon steel—3' and 3 1/2' lengths.

Nail, Studding and Bolt-attached types.

Attachments convert one type to any other.

Corner-type bracket also available.

Write for CATALOG M

Used by thousands of builders. Write for free literature giving information on all "Trouble Saver" Scaffolding accessories.

**The Steel Scaffolding Co., Inc.**

856 Humboldt Street, Dept. AB • Telephone EVergreen 3-5510 • Brooklyn 22, New York



**"TROUBLE SAVER"**  
Scaffold Brackets

Conveniently obtainable through offices and distributors from coast to coast.

Manufacturers of  
"Trouble Savers" © since 1912

**Wage-Hour Act Analysis**  
Published by NRELA

A detailed analysis of the right status of retail lumber dealers under the Fair Labor Standards (Wage-Hour) Act as amended in 1949 has been prepared by the attorneys and staff of the National Retail Lumber Dealers Association.

With regard to the retail exemption, the 36-page booklet expresses these opinions:

"As a general rule lumber dealers who were exempt under the former law and administrative rulings will continue to be exempt under the new amendments.

"Dealers who did not formerly qualify for exemption may or may not be exempt, depending on the type of sales which previously prevented their exemption.

"Most dealers, therefore, will wish to review their status at the present time, both because the amendments clear up some previous uncertainties and because there are certain definite changes in the classification of sales.

"Some dealers, because of their particular methods of doing business or special labor or other local circumstances, have complied with the minimum wage and overtime provisions of the Act rather than argue the question of exemption. It is believed that such dealers will be well advised to review their status at this time. If exempt, they can, of course, continue the voluntary payment of overtime, etc., without meticulous attention to technical compliance regulations. If not exempt, however, it will be necessary to comply with all requirements of the law, including compliance with detailed and technical regulations as to time and payroll records, computation of hourly rates and overtime pay, individual employee exemptions, etc.

"Not all dealers will find it necessary to study the contents of this booklet in detail. We do recommend, however, that all dealers, in order to be currently up to date, acquaint themselves with the following:

1. The new statutory provisions of the amended law and the brief description of these provisions contained below and on page 7.
2. The Summary Check Lists on page 8 and 9.

"If twenty-five per cent or less of sales are in the 'wholesale' category, it is probable that you qualify for exemption.

"If there is some doubt as to your status, we believe you will find it worthwhile to study the more de-

(Continued on page 238)

**MORE  
BUILDINGS**

**FINISHED  
PER SEASON!**

Contractors praise  
speed of  
**RILCO**  
erection



**T**AKE, for instance, the experience of E. Gartner, contractor at Lena, Ill. He recommends Rilco buildings to his customers so he can handle more jobs during the building season. He is also giving his customers greater value because of the 100% usable space, modern appearance and engineered dependability of Rilco glued laminated wood framing members.

There are Rilco arches, trusses, rafters for every type of commercial and farm building.

They are delivered precision cut and drilled. Efficient timber connectors are furnished for all joints. Rilco members cut building time and payroll cost. Make the most of your 1951 building season.

Get full information on economical Rilco construction.

**RILCO**

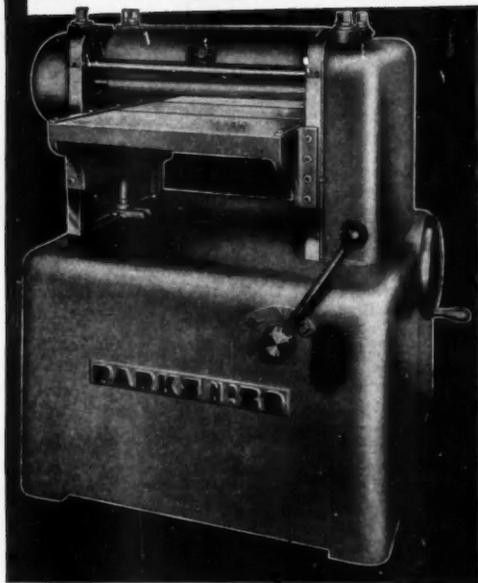
ONLY GENUINE RILCO BATTERS  
BEAR THIS TRADEMARK. YOUR  
ASSURANCE OF A DEPENDABLY  
ENGINEERED PRODUCT.



*Laminated* **PRODUCTS, INC.**

2511 First National Bank Building • Saint Paul 1, Minnesota

*The Sensationally NEW Low-Priced*



## **PARKS No. 20 20" PLANER**

Here is a modernly designed, rugged, high-speed, low-priced planer that is ideally suited for every shop and industrial plant requiring a quality sur-facer. The Parks No. 20 Planer has a four-knife cutterhead with a speed of 3600 R.P.M. and offers two feed speeds — 20 and 40 F.P.M., and 40 and 80 F.P.M. Write for complete descriptive literature.

### **The PARKS Heavy-Duty 12" x 4" Planer**

A compact, sturdy, thickness planer that offers mill planer precision and ruggedness at a sensationally low price. Write for descriptive catalog sheet.



**The PARKS WOODWORKING MACHINE CO., Dept. 30-B 1546 Knowlton St., Cincinnati 23, O.**

# Perfect Partners

for  
better  
boring



**STANLEY No. 923 Bit Brace.** Heavy duty. New self-centering duck. Steel clad ball bearing head. Cocobolo hardwood handle and head. Strong, sturdy box ratchet. Forged Universal jaws hold all auger bits and round shank drills from  $\frac{1}{8}$ " to  $\frac{1}{2}$ ".



**RUSSELL JENNINGS No. 100 Auger Bits.** Extension tip and spur hand filed for longer life edge, more holes between sharpenings. Sizes  $3\frac{1}{16}$ " to  $3\frac{1}{2}$ ".



**STANLEY No. 610 Hand Drill.** New enclosed gear for safety. Drills holes easier and faster to full  $\frac{1}{2}$ " capacity. Smooth action. Full-size comfortable grip handle.



**STANLEY No. 137 Countersink.** High quality tool steel, hardened and tempered.  $\frac{1}{2}$ " cutting edge.



**STANLEY No. 26 Screw Driver Bits.** Forged alloy steel, all tempered and polished. Sizes  $\frac{1}{8}$ " to  $\frac{1}{2}$ ".

And these accessories:

Expertly built for building experts, Stanley Boring Tools are your partners in skill . . . work with you, save time and effort on every job. See the complete line of Stanley Tools on display at your local dealer's.

Stanley Tools, New Britain, Connecticut  
THE TOOL BOX OF THE WORLD

# STANLEY

Reg. U.S. Pat. Off.  
HARDWARE • TOOLS  
ELECTRIC TOOLS • STEEL STRAPPING • STEEL

238

## Millionth Menge! Door



**MILLIONTH DOOR** produced in 1950 by Plywood Division of the Mengel Co. is turned over by Thomas Bopp (left), Plywood Division production manager, to A. L. Entwistle, Mengel vice president, and R. Fay Kulmer, Door Department sales manager. To make the million doors, the company said, it took over 176,000,000 feet of veneers, around 12,750,000 board feet of lumber and 3,500,000 pounds of water-resistant glues.

## Walter Geist Dies; Was Allis-Chalmers President

Walter Geist, president of the Allis-Chalmers Manufacturing Co., Milwaukee, died of a heart attack January 28. He was 56.

Mr. Geist, who joined Allis-Chalmers in 1909, had been chief executive since 1942. He was named general sales representative for the General Machinery Division in 1933 and a vice president in that division in 1939.

## Wage-Hour Act . . .

(Continued from page 236)

tailed discussion which follows.

"Particular attention has been devoted to the exemption problems confronting the so-called borderline dealers, i.e., those who are somewhat uncertain as to their status. The discussion of these problems, including the two appendices, should be of assistance to dealers and their attorneys in determining their future course of action."

The booklet reprints the statutory provisions of the amended act. It also contains a check list to aid dealers in classifying their sales; definitions of important terms found in the act, such as "Annual dollar volume of sales," "Within the state," "Retail sales," and "Wholesale sales"; a discussion of the effect of processing or fabrication on the retail exemption and the answers to a number of miscellaneous questions and problems which arise under the act.

## 1st choice for AUTOMATIC CONTROL



A-100 Thermostat Relay Automatic Reset

L-34 Fan and Limit Control



TX-5 Cold Air Return Package Set

T-70 Room Thermostat



BX-69 Room Thermostat Package Set

## GENERAL CONTROLS

Manufacturers of Automatic Pressure, Compressor, Level and Flow Controls

FACTORY BRANCHES: Baltimore 5, Birmingham 3, Boston 16, Buffalo 3, Chicago 5, Cincinnati 2, Cleveland 15, Dallas 2, Denver 4, Detroit 21, Glendale 1, Houston 6, Indianapolis 5, Kansas City 2, Minneapolis 2, Newark 6, New York 17, Philadelphia 23, Pittsburgh 22, St. Louis 3, San Francisco 7, Seattle 1, Tulsa 6, Washington 6.  
DISTRIBUTORS IN PRINCIPAL CITIES



to caulk easier . . . faster . . . better  
contractors choose Calbar!

Wherever air-tight, weatherproof perfection is required . . . call on non-hardening, non-staining CALBAR CAULKING COMPOUND. It's "elasticized" and adheres to ANY surface.  
available everywhere in a complete line of colors and containers. Write for the name of your nearest distributor.

CALBAR PAINT & VARNISH CO.  
Manufacturers of Technical Products  
2613-26 N. Martha Street • Philadelphia 25, Pa.

# CALBAR

AMERICAN BUILDER

# FRANTZ SECTIONAL TYPE DOOR

Now Available...  
in 6 Sizes



**14  
WAYS A  
BETTER  
BUY**

- No. 286 — 8' wide x 6'6" high
- No. 200 — 8' wide x 7' high
- No. 279 — 9' wide x 6'6" high
- No. 219 — 9' wide x 7' high
- No. 235 — 15' wide x 7' high
- No. 226 — 16' wide x 7' high

The tremendous popularity of Frantz Sectional-Type Overhead Garage Doors, presented less than a year ago for 8' x 7' and 9' x 7' openings, has brought the development of four additional sizes (see list above) to care for practically every residential requirement. Builders and contractors favor the Frantz Sectional Overhead Door because it offers so many appealing, new construction features for quick installation... easy, fool-proof operation... for easier selling and greater customer satisfaction. If you are not acquainted with Frantz Sectional-Type Overhead Doors, write today for free illustrated folder; it tells you why they're a better buy!



# FRANTZ

GUARANTEED BUILDERS HARDWARE

FRANTZ MANUFACTURING CO., STERLING, ILLINOIS

APRIL 1951

# HOW TO BUILD AT LOWER PRICES

- Free yourself from high mill charges
- Avoid long waits for special-made sash and millwork
- Keep your men busy on off days
- Save hours spent in trips to the mill

## MAKE YOUR OWN

- Sash—double hung and casement
- Trim—including base, shoe, crown and cove
- Mould, window step
- Special—and matching old style millwork
- Raised panel doors
- Window blinds
- Storm windows and screens
- Interior panelling
- Nosed stair treads
- Lipped cupboard doors
- Special shaped windows
- Drawer fronts

## AT GREAT SAVINGS

with a low cost

# BOICE-CRANE SHAPER and "TRU-FORM" SHAPER CUTTERS



(Total investment around \$300)

The Boice-Crane No. 2100 Shaper is designed for 1750 r.p.m. high torque, high power motors up to 1½ H.P. Proper power for making commercial doors and sash. Shapers with 3600 r.p.m. low torque motors simply will not do a satisfactory job. The Boice-Crane Shaper has an accurate, one-piece spindle, strong enough for cutters to 6¼" diameter. (Contrast with the 3" maximum of other makes with spindles under 1" diameter.) Makes longer tenons.

**YOU CAN COPE AND RABBET**

**AT THE SAME TIME**

and without a stub shaft. The tenon can be passed under the long swing cope cutter.

**YOU GET DOUBLE THE WORK RANGE WITH**

**A BOICE-CRANE SHAPER**

Boice-Crane intermediate capacity power tools are of just the right size for setting up a mill in your own shop. A 10-inch saw—6-inch jointer combination; a drill press and mortiser and a 14-inch band saw can be had for less than \$700. They'll pay for themselves in no time and go on to make money for you for years to come. Boice-Crane tools are sold through industrial supply distributors and building supply dealers in most cities.

## BOICE-CRANE COMPANY

966 Central Avenue Toledo 6, Ohio

Please send FREE LITERATURE on Boice-Crane ( ) Shaper; ( ) New 44-page No. 50 catalog on complete line; ( ) Tru-Form Safety Cutters for Shapers.

Name .....

Firm .....

Street .....

City and State .....



# KENCO Utility Pump



**PUMPS WATER FROM  
SEWER TRENCHES,  
SEWERS, EXCAVATIONS**

New-amazing Kenco Submersible Electric Utility Pump always operates as long as there is electric current. Operation is completely automatic. Requires no installation time or expense. A pump every home builder and plumbing contractor should have available.

It has no equal as a sump pump! It requires no attention—no servicing. It may be entirely concealed to operate in sumps as shallow as one foot in depth, with the floor area above the sump entirely free of obstructions because nothing protrudes from the sump except the electric cable and the discharge line.

Operation is completely automatic with the exclusive Kenco Liquid Level Switch rated at over one hundred thousand off and on cycles. There is no float to stick, warp, corrode or leak. The Liquid Level Switch is protected against fouling by debris or silt. Manual Switch control for starting pump at any water level less than that required to start pump automatically is obtained with a hand switch.

A Kenco Utility Pump, because of its compactness, can be used where it would be impossible to install conventional type pumps. Immune to power failure. When power is restored, pump with its hermetically sealed motor instantly resumes operation. Capacity: 3300 G.P.H. at discharge head of ten feet. Constructed of corrosion resistant bronze. Order Kenco Utility Pumps through your building supply dealer or plumbing contractor.

**KENCO, INC.** 1125 N. RIDGE ROAD  
LORAIN, OHIO

## KENCO, INC.

1125 N. RIDGE RD., LORAIN, OHIO

Please send Catalog 51 on Kenco, Automatic, Submersible, Electric Utility Pumps.

Name & Title \_\_\_\_\_  
Company \_\_\_\_\_  
Kind of Business \_\_\_\_\_  
Street \_\_\_\_\_  
City & State \_\_\_\_\_  
Dept. 48 \_\_\_\_\_

## Rent Tile Cutter to Increase Retail Sales

The offer of a rental tile cutter has proved responsible for a large increase of retail tile sales over a one-year testing period, according to the J.M.J. Products Co. of St. Louis, tile cutter manufacturer.

The company sponsors a tile cutter rental plan, designed to sell a customer on doing the job himself by providing simple instructions on use of the machine. Company officials said that in the recent test the cutter was rented 90 per cent of the time, providing an appreciable revenue for dealers in addition to increased sales.

The J.M.J. model FT-1 cutter is of magnesium construction and weighs 19 pounds. It cuts any type of resilient floor tile up to 12x12 inches.

Company merchandising aids for the rental plan include point of sale displays, newspaper advertising mats and rental forms.

## Prefab Sales Meeting Attended by 300

More than 300 contractors, factory representatives, bankers, realtors and mortgage brokers from 16 states attended the recent general sales meeting of the Thyer Manufacturing Corp. in Toledo, Ohio.

The company more than doubled its production of factory-assembled homes in 1950 at its Toledo plant, E. E. Kurtz, vice president and general manager, said, predicting that production would be tripled in 1951 at the Collins, Miss., plant, where an expansion program is going on.

Thyer has been manufacturing Pollman Homes for five years. A southern division was recently organized, headed by Milton O. Gustafson as sales manager.

## Dealer Newspaper is Published by Hotpoint

A monthly dealer newspaper, giving information on company activities, products, economic conditions, service and other phases of the appliance business, is now being published by Hotpoint, Inc.

In announcing the dealer organ, called the Hotpoint "Headliner," Edward R. Taylor, general sales manager, said that it is not a "puff sheet, but rather an informative newspaper that will keep retailers up to date on conditions at headquarters and in the field."

The paper is in tabloid format, 10x14 inches, five columns wide, and will vary in size from eight to 12 pages. It will be mailed monthly to the company's 13,000 retailers.

# For RAPID-FIRE GLAZING

## Red Devil AUTOMATIC DIAMOND POINT DRIVER

Speed up your glazing of sash and frames and mirrors. Use only one hand. Automatically drives DIAMOND POINTS at machine-gun speed into hardest wood. 100% efficient from any angle. Points can't drop out. Holds a clip of 100 Diamond Points.

Diamond Points are made in 1/2" and in 3/4" lengths. 100 to the stick. Will not corrode. Will not bend.

### RED DEVIL TOOLS.

Irvington 11, N. J., U. S. A.

GLASS CUTTERS - GLAZING POINTS - GLASS Pliers  
PUTTY KNIVES - WOOD SCRAPERS - PAINT CONDITIONERS  
FLOOR TAMPING MACHINES - ELECTRIC FINISERS

how many days a  
year are you a  
*Slave*  
to this door ????

Non longer is it necessary for you to labor in opening your garage doors... now you can manage this work with the MAGIC CIRCLE remote control CRANE "300" door operator.

Just push a button in the car and doors open, the lights come on and you are in perfect safety, not dripping wet from rains and safe from the dark nights. Push the button again, and the operation goes into reverse. Simple isn't it?

The Crane "300" is low in first cost... and inexpensive to maintain. It's easy to install and will last for years and years! FHA APPROVED. Ask us for additional information!

WRITE TO BUILDER!  
Literature on Crane Door Operator  
Write: Dept. AB4  
H. W. CRANE COMPANY  
1443 West Lake Street, Chicago 7, Illinois

AMERICAN BUILDER

**NOW! Earn Better Pay This Easy Way**

# CARPENTRY ESTIMATING

**...QUICK...EASY...ACCURATE**  
with this simplified guide!

You can earn higher pay when you know how to estimate. Here is everything you need to know "take off" a bill of materials from set of plans and specifications for a frame house. Saves you time figuring jobs, protects you against oversights or mistakes that waste materials and cost money. Nothing complicated—just use simple arithmetic to do house carpentry estimating with this easy-to-use ready reference handbook:

## SIMPLIFIED CARPENTRY ESTIMATING

Shows you, step by step, how to figure materials needed for (1) foundation, (2) framing, (3) exterior finish, (4) interior finish, (5) hardware, and (6) stairs. Gives definite "take-off" rules, with many helpful quick-reference tables and short-cut methods that simplify the work.

**SPECIAL FEATURES:** Lumber Checking List. Mill-ware Checking List. Materials Ordering Information. Quick-Figuring Tables for estimating concrete footings and walls, concrete piers, window frames, door and window areas, sash weights, nail quantities. How to figure labor hours per unit of work. Rules for linear, area and volume measurement. Mathematical reference tables, including decimal equivalents, lumber reckoner, conversion of weights and measures, etc.

**TURN TO CHAPTER 8,** when you receive this book, Short Cuts" you can use for quick figuring of board footage. Here are simplified ways to estimate lumber needed for floors, walls, ceilings, roof, door and window frames, inside trim for these frames, inside trim for inside doors, and drawers and cabinets. This chapter alone can be worth the entire price of the book to you!

**Send No Money**



### EXAMINE 10 DAYS FREE

Just fill in and mail coupon below to get "Simplified Carpentry Estimating" for 10 DAYS FREE TRIAL. If not fully satisfied, return the book and owe nothing. If you keep it, send only \$3.00 plus few cents postage in full payment. You take no risk. Mail coupon now.

## MAIL THIS COUPON

SIMMONS-BOARDMAN Publishing Corp. 6-51  
30 Church Street, New York 7, N. Y.

Send me for 10 DAYS FREE TRIAL, "Simplified Carpentry Estimating." I will either return it in 10 days and owe nothing, or send only \$3.50 (plus shipping charges) in full payment.

Name \_\_\_\_\_

Address \_\_\_\_\_

City & State \_\_\_\_\_

APRIL 1951

**NOW!** Every door can be a sliding door

with

**Sterling**  
HARDWARE

### The NEW 600 Line

- Mounts in standard door frame!
- Requires only 1" head room!
- Provides vertical adjustment!



The most outstanding achievement in sliding doors today! Now anyone can easily and quickly install a sliding door. Mounts in standard door frame. Requires only 1" head room! Made for 3/4" and 1 1/2" doors . . . also for light cabinet doors.

### NEW STERLING GUIDE STRIPS

Eliminate difficult and costly door grooving with new Sterling Guide Strips! Made for doors of all widths. Quick and easy to install.

Here is the quick, easy way to install by-passing doors. No special millwork . . . no notching or grooving . . . no troublesome hanging.

ANOTHER ALL-TIME FAVORITE! . . . STERLING'S 800 LINE



- No. 840 HANGER For side mounting. Not adjustable.
  - No. 845 HANGER For top mounting. Not adjustable.
  - No. 850 HANGER For top mounting. Fully adjustable.
  - No. 860 HANGER Ideal for pocket doors.
- For pocket doors.
  - For by-passing doors.
  - For single sliding doors.
  - For extra heavy doors.

**HANGER FOR CABINET DOORS**

STERLING has the most complete line of interior sliding door hardware on the market. Hangers for light cabinet doors, for all types of wardrobe, closet and pocket doors and heavy duty hangers for extra heavy doors. Latches, Flush Pulls, Edge Pulls and all other accessories. WRITE TODAY FOR YOUR ILLUSTRATED CATALOG.

**Sterling Hardware Manufacturing Co.**

2345 Nelson Street, Chicago 18, Illinois

FOR YOURSELF,  
YOU'D CHOOSE

**WEIR-MEYER**  
FURNACES • AIR CONDITIONERS

When you know the facts about WEIR-MEYER steel warm air heating equipment, we believe you'll see why you'd choose it for your own home. Of course, we don't know how many builders and contractors own WEIR-MEYER, but we do know that many continue to install our equipment year after year in the homes they are building. And we believe that the reason is this: *WEIR-MEYER performance pleases home owners.* After all, isn't that what you want?



Gas



Oil



Coal

Whatever the fuel—gas, oil or coal—there is a WEIR-MEYER warm air steel unit to fit your job. Outputs range from 35,000 Btu/hr through capacities of 1,000,000 Btu/hr and greater for schools, churches, factories and other large installations.

**WEIR-MEYER MEANS**  
*Modern HEAT*

THE MEYER FURNACE CO.  
Peoria 2, Ill.

Manufacturers of Weir & Meyer Furnaces  
Air Conditioners for Gas—Oil—Coal  
Factories: Peoria and Peru, Illinois

Keep WEIR-MEYER data on hand for reference. Send for complete File Catalog on WEIR-MEYER Equipment.

The Meyer Furnace Co.  
Builders Service Division

Peoria 2, Illinois

Please send File Catalog on the complete WEIR-MEYER line.

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

FILL OUT OR CLIP COUPON  
TO YOUR LETTERHEAD

### Mixed Hardwoods Used in New Block Flooring

Factory-finished blocks of a combination of mixed hardwoods are now being produced by the E. L. Bruce Co., Memphis, Tenn. The economy flooring, designed for installation in mastic over concrete, con-



#### NEW BLENDWOOD block flooring

tains pecan, ash, beech, sycamore and hackberry in standard 25/32-inch thickness.

The new flooring, called Blendwood, is manufactured with two metal splines inserted in the back and with opposing tongues and grooves on the edges. It comes in three sizes: 9x9-inch, 7½x7½-inch and 6¾x6¾-inch. The grade is No. 1 Common & Better.

The blocks are especially suitable, the manufacturers said, for apartment buildings, housing developments, offices, stores, schools and individually built houses with concrete slab construction.

### History of Timber

#### in Weyerhaeuser Book

"Men, Mills and Timber," a 50-page book recently published by the Weyerhaeuser Timber Co., tells the story of the firm's activity in the forest industry since it was formed in 1900 and the development of the lumber industry in the Pacific Northwest.

Included are data on the company's founders, development of reforestation, evolution of logging methods, advancements in production methods, research and introduction of new products and expansion of sales and distribution facilities.

The paper used in the well-illustrated book was made of Weyerhaeuser pulp products.

In May American Builder  
read

How to build with  
Brick and Clay Products

## For SPRING CONCRETING . . .

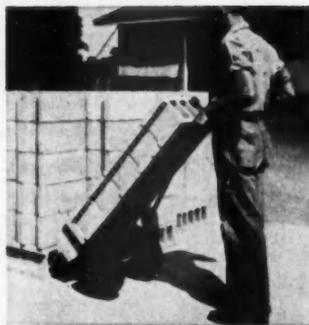
**SOLVAY**  
Calcium  
Chloride

- SAVES TIME
- REDUCES COST

Don't let 50 degree temperatures delay your spring building program. The addition of Solvay Calcium Chloride to concrete poured at 50 degrees will give you three-day strength in one day. This permits shorter protection periods, and allows for earlier removal of forms. GET ALL THE FACTS from Solvay's 40-page semi-technical book, "The Effects of Calcium Chloride on Portland Cement". This informative book is the result of research conducted by nationally recognized authorities, giving details of carefully controlled tests made in the field and in the laboratory. Write for your copy today—there's no obligation.

#### SOLVAY SALES DIVISION

Allied Chemical & Dye Corporation  
40 RECTOR STREET,  
NEW YORK 6, N. Y.



### "BLOCK-MAN" Cuts

Handling Costs 83%

Instead of only one cement block, one man easily lifts and moves 6 with "Block-Man." "Block-Man" floats on ball bearing wheels and inflated rubber tires with perfect balance and control. Strong enough for heavy duty and light enough for easy handling. The labor and time saved in one week will pay its cost. Also available with hoisting clamp for scaffold work and multi-story construction.

PRICES: Standard Model \$42.50  
Hoisting Model \$54.50

### Masonry Equipment & Engineering Co.

325 East Michigan Ave., Three Rivers, Mich.

AMERICAN BUILDER

## "TROUBLE SAVER" Scaffolds Save Time and Man-Power on light construction jobs

- BRICK LAYING
- STONE SETTING
- CHIMNEY WORK
- PAINTING
- STUCCO WORK
- SIDEWALL WORK

Even on the small jobs, "Trouble Saver" Sectional Steel Scaffolds are profit-makers for you. Prefabricated frames fit into place—quickly and securely—to provide a strong, safe scaffold that can be erected and dismantled in minimum time for many types of interior or exterior work. They are quicker and more efficient than old-fashioned built-on-the-job wood scaffolds.

You can build your scaffold to fit the particular needs of each job. Time-saving and extra efficiency features include extension legs for levelling, built-in ladders on mason frames. FOR SALE OR RENT.

Write for Bulletins PSS-15 and PSS-24 showing how "Trouble Saver" can save you money.

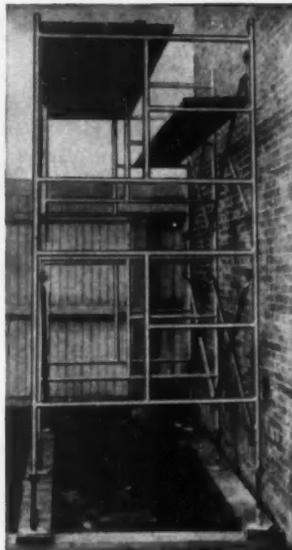
Approved by Underwriters' Laboratories, Inc.



Ladders and Scaffolds for Any Purpose—Any Place—Any Time  
for Greater Safety... Efficiency... Economy

THE PATENT SCAFFOLDING CO., Inc.

38-21 12th Street, Dept. A8, Long Island City 1, New York  
See Your Classified Telephone Directory for Nearest Office



Mason Type Frames

Strong 5' wide, many-purpose mason frames are handy units in "Trouble Saver" assemblies. Separate working and material storage levels are provided for faster, easier work. Rungs may be used as a ladder. Planks may be placed across the rungs, as illustrated.

## FACTORY CLOSE-OUT SALE OF CRITICAL MATERIAL Multi-Use POWER SAW! BRAND NEW IN ORIGINAL CRATES

**MR. BUILDER**  
**SAVE \$300<sup>00</sup>**  
**IMAGINE, IN THESE TIMES!**

You can get an all steel completely portable, multi-use power saw made by one of the world's leading precision manufacturers. Does the work of 3 saws—all in one, by adding abrasive blade for cutting steel sheets, pipes, tubing, aluminum, copper, TRANSITE PIPE in addition to sawing lumber of any length, or width—up to 4 inches thick. Complete with either Briggs & Stratton, or Wisconsin 3.6 H.P. gasoline engine. Very limited number available at a never-to-be-repeated offer. Yes, Mr. Builder you actually save \$300 by ordering now. Write for information.

TAKE THE SHOP TO THE JOB!



**EVERY SAW GUARANTEED**

**SPECIFICATIONS:** height, 36 in.; width, 42 in.; depth, 39 in.; table top, 39½ in. diameter; saw diameter, 10 in.; gas engine 3.6 H. P. operates all day for pennies. Shipping weight 460 lbs. in original crates.

**WAS \$499<sup>00</sup>**  
**\$199<sup>00</sup>**  
**WHILE THEY LAST**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE  
F. O. B. MINNEAPOLIS, MINNESOTA, U. S. A.

**LOOK WHAT IT DOES:**

- Saws wood • cuts brick • cuts metal • cuts ceramics • cuts plywood • cuts rafters • bevel rips • miters • cross cuts • angle miters • rabbets and tenons • not dependent on power lines • easily moved by 2 men • complete portability.

**MAIL THIS COUPON TODAY!**

Ennis Supply Company  
334 First Street North  
Minneapolis 1, Minnesota, U. S. A.

Please ship us  Gasoline Portable Power Saw  
FOR MINNEAPOLIS... via  Fast Freight  Motor Truck.

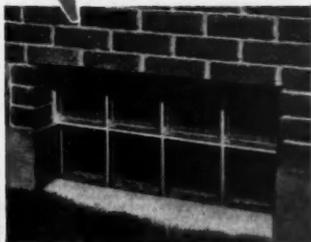
NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ ( ) STATE \_\_\_\_\_

**ENNIS SUPPLY CO.**

334 First Street North - AT. 1281  
MINNEAPOLIS 1, MINNESOTA

*"We push  
glass block  
for basement  
windows"*

says a typical  
glass block dealer



"WHEN customers come to us with replacement problems for rotted, or broken basement windows, we always suggest replacement with Insulux Glass Block."

Make the comparison! Figure it out for yourself! Compare the cost of sash, screen, storm window and maintenance against that of a lifetime panel of maintenance-free Insulux Glass Block.

A panel of Insulux Glass Block can't rust nor rot; never needs painting. Glass block is extremely hard to break . . . makes a sound, weathertight, insulating panel. And glass block lets in all the light yet blocks out sight.

\* Supplies of glass block and all of the accessories needed are non-critical and immediately available in quantity. Installation is simple and quick . . . requires only ordinary mason's tools.

Want more information about this use of Insulux Glass Block? Just write: Daylight Engineering Laboratory, Dept A.B. 4, Box 1035, Toledo 1, Ohio. Insulux Division, American Structural Products Company, Subsidiary of Owens-Illinois Glass Company.

## INSULUX

**"WALLS OF  
DAYLIGHT"**

**—by the pioneers of  
Daylight Engineering**

### Why Worry? A Hoo-Hoo Liked the Depression

In case readers are fearful that events of the time are leading to another big depression, perhaps they are unduly concerned. Even if worse comes to worse it may not be so bad. At least, not in the opinion of the author of the following article which was published in the Hoo-Hoo Bulletin for August, 1932—a time when prosperity seemed to have taken a permanent vacation.

"I like the depression. No more prosperity for me.

"I have had more fun since the depression started than I ever had in my life. I had forgotten how to live, what it meant to have real friends, what it was like to eat common everyday food. Fact is, I was getting just a little high hat.

"Three years ago, only one man of our organization could be out of town at a time and he had to leave at the last minute and get back as soon as possible. Many times I have driven 100 miles to a banquet, sat through three hours of bunk in order to make a 5-minute speech, then driven the 100 miles back to be ready for work the next morning. Nowadays as many of our organization as are invited make those trips and we stay as long as we want to. The whole outfit could leave the office now and it wouldn't make any difference.

"I like the depression. I have to visit my friends, to make new ones. Two years ago when I went to a neighboring town, I always stayed at a hotel. Now I go home with my friends, stay all night and enjoy home cooking. I have even spent the weekend with some boys who have been kind enough to invite me.

"Now I know what a holding company is—the boys on the inside are the company; the little fish on the outside do the holding.

"It's great to drop into a store and feel that you can spend an hour or two or three or a half day just visiting and not feel that you are wasting valuable time. I like the depression.

"I am getting acquainted with my neighbors. In the last six months I have become acquainted with folks who have been living next door to me for three years. I am following the Biblical admonition, 'Love your neighbors.'

"Three years ago, I ordered my clothes from a merchant tailor—two or three suits at a time. All my clothes were good ones. I was always dressed up. But now, I haven't bought a suit in two years. I am

*(Continued on page 246)*

**SPEED UP**  
Drilling and Cutting  
in Concrete and  
Masonry  
with

**SYNTRON**

DEPENDABLE

**ELECTRIC  
HAMMERS**



Write for Catalog Data

**SYNTRON CO.**

618 Lexington, Homer City, Pa.

**SUN-SASH**  
the lowest priced  
LOUVRE WINDOW  
on the market . . .



**THIS  
COUPON**

... can give you the  
*Amazing* story

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

Have Representative Call  Send Literature

CHECK ONE OF THESE:

Builder  Architect  Retailer  Home Owner

IMMEDIATE DELIVERY

**SUN-SASH Co.**  
38 Park Row New York 7, N.Y.

AMERICAN BUILDER

# FACTS FOR BUILDERS

ABOUT "CONSTRUCTION BY ADHESION"



HERE ARE NEW METHODS WHICH  
MEAN SUBSTANTIAL SAVINGS IN LABOR AND  
MATERIALS FOR MODERN CONSTRUCTION  
in both **NEW** building and **MODERNIZATION**

WRITE TODAY FOR RECOMMENDED SPECIFICATIONS ON  
1. Setting Genuine Clay Tile. 2. Insulating Ducts. 3. Insulating walls and ceilings  
either by Direct Adhesion or in conjunction with Surface Anchors. 4. Installing  
floor runners; bonding furring strips.



1. Today it is normal procedure to install clay tile in hotel bathrooms without losing a night's revenue. This illustration shows one of the 344 rooms in the White Plaza Hotel, Dallas, Texas, in which MIRACLE ADHESIVE was used to do the job from the time the guest left his room in the morning until he returned that afternoon.

2. Plaster applied over wire and cork which has been attached to aluminum ducts using MIRACLE ADHESIVE and MIRACLE SPIRDL ANCHORS at John Hancock Mutual Life Insurance Co. Building, Boston, Mass. ARCHITECT, Cram and Ferguson, BUILDERS, Turner Construction Co.



3. FIBERGLAS Insulation, Type PF-613, 2" thick — bonded to concrete ceiling using MIRACLE PRONGED ANCHORS at Radio City Studio 68, New York, N. Y. CONTRACTOR, William J. Sealy, Inc., New York, N. Y.

4. WOOD RUNNERS installed on concrete floors with MIRACLE ADHESIVE and MIRACLE ANCHOR NAILS to support 2" x 4" partitions. Washington Circle Apartments, Washington, D.C. GENERAL CONTRACTOR, Charles H. Tompkins Company.



VISIT MIRACLE EXHIBIT AT ARCHITECTS SAMPLES CORP.  
101 PARK AVE., NEW YORK CITY



Living space by day, slumber luxury at night, feature of Norwood Home

## MURPHY BEDS ADD LIVING SPACE! SAVE MATERIALS! LOWER COSTS!

5 rooms become 7 in four, sensational, new small-home projects! Murphy Bed featured in all-purpose room!



The Norwood Home: Erwin Gerber, Architect; A. Sam Gittin, Developer; Stafford Realty Co., Sales Agents; Stafford Mortgage Co., Financing.

The four New Jersey developments offering the Norwood Home will total approximately 600 units. This fast-selling, FHA, VA approved house, pictured above and subject of a feature article in the November issue of THE MAGAZINE OF BUILDING, features a recess type Murphy Bed. This particular bed is one of several Murphy Models that builders from coast to coast are finding to be the answer to the required "extra" room.

The floor plan at right illustrates the ingenuity of Norwood Home designers.



This is only one of many efficient layouts possible with Murphy Beds.

Although they require a minimum of space, all Murphy Beds are built to receive standard mattresses for maximum sleeping comfort.

Available models include new types that require as little as 13" depth and others that are ideal for building into recesses, book cases, cabinets, etc.

MURPHY DOOR BED CO., INC.  
19 West 44th St., New York 18, N. Y.  
Please send your free data file on Murphy Beds and Cabranette Kitchens.

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_

(B-2)

Send today for complete data file on all Murphy recess, pivot and roller bed models and Cabranette Kitchens.

25 TYPES . . . OVER 150 DIFFERENT SIZES!

# CHELSEA FANS



—FOR EVERY INDUSTRIAL, COMMERCIAL AND RESIDENTIAL REQUIREMENT!

Specifying Chelsea Fans for every installation is one sure way to proper ventilation. There's a Chelsea model for every requirement—industrial, commercial and residential—and each type is certified as to performance in accordance with the Standard Code of the Propeller Fan Manufacturers Assn.



← All-Purpose Fan Type BB  
For removing smoke, steam, heat, fumes, etc. Heavy duty direct drive fan for continuous operation. Recommended for use against static pressure and in dust work. One piece panel and orifice, lightweight. Simple to install. Sizes from 16" to 30". Totally enclosed motor.

Chelsea Comfort Cooler Type EV  
Designed for attics of low headroom, this Chelsea package unit is complete with automatic ceiling lever, brackets and springs, canvas heat, etc. Quiet in operation, economical to install. Sizes 24" to 48".



SEND FOR FREE CONTRACTOR'S KIT.  
Contains all the information you need to make ventilating and cooling installations in factory, store, office or home. Write for complete information pertaining to your defense needs. Address inquiries to Dept. F.



Industrial Fan Type IND  
For large general area ventilation. Moves large volumes of air under pressure. Scientifically designed blades overcome high resistance in hoods and ducts. "V" belt drive. Sizes from 24" to 60".



**CHELSEA FAN & BLOWER CO., INC.**  
PLAINFIELD • NEW JERSEY



## JOHNSON BURNERS

*really* **SAVE Oil**

**In HOMES  
HOSPITALS  
HOTELS  
FACTORIES  
STORES  
PUBLIC  
BUILDINGS**

—wherever  
dependable  
automatic heat  
is needed!

Johnson Burners give you more usable heat from every gallon of oil that you buy. Why? Because they capture and utilize an exceptionally high percentage of the heat generated in combustion. This extra "efficiency" is the product of 48 years of oil-burner research and "know how." It is paying off in homes, skyscrapers and industries all over the nation. It can save fuel oil and money for you. Let your Heating Engineer or your nearest Johnson Dealer show you why and how.

**S. T. JOHNSON CO.**

940 Arlington Ave.  
Oakland 8, California

401 No. Broad Street  
Philadelphia 8, Pa.



### Liked the Depression

(Continued from page 244)

mighty proud of my Sunday go-to-meeting clothes. When I dress up, I am dressed up and I don't mean maybe. I like the depression. A pair of shoes isn't real comfy like until they have had a third pair of half-soles and you don't really get acquainted with a suit of clothes until the missus has put a new seat in the pants.

"My wife has traded her scanties for petticoats and my shorts have been replaced by underwear—the kind that make a bulge around your shootops all winter. When we married she wore dresses. Three years later she was buying Frocks and still later Gowns. In 1929 she would have nothing but Creations. But thank heaven, she is back to dresses now. After all there isn't much difference—something like this: Dress \$19.50; Frock \$39.50; Gown \$79.50; Creation \$149.50.

"Up until a year ago I never took my wife on a business trip or to a convention. Three years ago I was so busy and my wife was so busy that we didn't see much of each other, consequently we sort of lost interest in each other. I never went home to lunch. About twice a week I went home to dinner—at 6:30 o'clock. I never had time to go anywhere with her. My wife belonged to all the clubs in town. She even joined the young mothers club. We didn't have any children but she was studying—and between playing bridge and going to clubs, she was never at home.

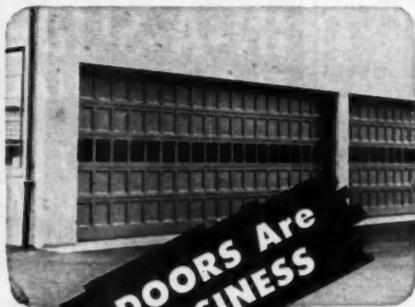
"I never really enjoyed a bath for three years. I was afraid I wasn't using the right kind of soap or that I would mess up something. Then the bathroom was a place to keep clean. Hurrah for the depression. The bathroom is now a place to get clean.

"Time after time I would start an important conference, forget my clubs and have to go back to the office after them.

"The first time my salary was cut, he (the boss) apologized for doing it, actually made me feel like it hurt him worse than it did me. But the second time he never apologized, just said he hoped business would pick up soon so he could keep me on the payroll. I am feeling better since the depression. I take more exercise. I walk to town and a lot of folks who used to drive Cadillacs are walking with me. I like the depression.

"My digestion is better. I haven't been to see a doctor in a year. I can

(Continued on page 248)



**BIG DOORS Are  
BIG BUSINESS**

with the **RAYNOR**

complete line of **COMMERCIAL  
and INDUSTRIAL DOORS**

**MODEL 120--COMMERCIAL.** Mounted on 2" track, this model includes sizes up to 192 sq. ft. and not higher than 14 ft. All Raynor commercial and industrial doors embody Raynor sturdy "three way stress" construction and are equipped with Raynor Graduated Seal.

**MODEL 210--INDUSTRIAL.** Mounted on 3" track, the Model 210 includes all sizes over 192 sq. ft. and a few smaller sizes where an extra heavy door is required. For added convenience, Raynor commercial and industrial doors can be equipped with chain hoist and electric operators.

**SPECIAL DOORS for SPECIAL JOBS**

**MODEL T-17**—an outstandingly designed twin torsion spring door for service garages, warehouses, factories and other commercial buildings.

**MODEL 6**—a fine Hy Lift door for service stations and lubricatoriums where ceiling height permits the installation of this special door.

**MODEL VL-22**—designed for installations where horizontal tracks are not desired and high ceiling permits the installation. Twin torsion springs are equipped with special safety locking device.



The Raynor complete line offers a wood sectional overhead door for every job.

SEE OUR  
CATALOGS IN  
SHEDS

**RAYNOR MFG. CO.**

River St.—Dixon, Ill.



This fine soft wood is one of the Associated Woods produced by member mills of the Western Pine Association. It is fine-textured, and although light in weight, is very strong for its weight. Carpenters like it because it is easy to work, nails without splitting and holds nails and glue firmly.

Engelmann Spruce is suitable for many building uses such as sheathing, subflooring, framing, ceiling and siding. It works up satisfactorily for interior finishing, mill work, industrial boxes and crates. The tight knotted boards are often used for knotty paneling particularly where a wood of light color and rather inconspicuous knots is desired.



For more information about Engelmann Spruce, send for free illustrated Facts Folder and Grade Use Guide. Address WESTERN PINE ASSOCIATION Yeon Building • Portland 4, Oregon

**THESE ARE THE  
WESTERN PINES**

Idaho White Pine,  
Ponderosa Pine, Sugar Pine

**THESE ARE THE  
ASSOCIATED  
WOODS**

Larch, Douglas Fir, White  
Fir, Engelmann Spruce,  
Incense Cedar, Red Cedar,  
Lodgepole Pine.

**WOODS FROM THE WESTERN PINE REGION**



The **2** best  
"HEADLINE" words  
in this - or any other - ad:

**NEW**  
and  
**EASY**



PATENT  
PENDING

... and they describe exactly the

**MOR-SUN**  
COUNTER FLOW Furnaces...

**NEW:**

... newly designed for PERIMETER and SPI-DER design radiant warm air heating.

**EASY:**

... designed for easy installation in basementless slab houses.



"Sells on Sight"

**FREE!**

Write for the story of MOR-SUN Counter Flow heating systems for basementless slab houses.

**MOR-SUN**  
FURNACE DIVISION  
**MORRISON**  
STEEL PRODUCTS, INC.

649 AMHERST ST. • BUFFALO 7, N. Y.

**Liked the Depression**

(Continued from page 246)

eat anything I want to. I am getting real, honest-to-goodness food. Three years ago, we had filet mignon once a week, now we have round steak and flour gravy. Then, we had roast breast of a guinea hen, now we are glad to get sow bosom with the buttons on it. I like the depression. My salary has been cut to where I can't afford to buy lettuce and spinach and parsley and we can't afford to have sandwiches and frozen desserts and all that foolishness which has killed more good men than the World War.

"I like the depression. Three years ago I never had time to go to church. I played golf all-day Sunday and besides I was so darned smart that there wasn't a preacher in West Texas who could tell me anything. Now, I am going to church regularly, never miss a Sunday. And if this depression keeps on, I will be going to prayer meeting before long. I like the depression."

**Celotex Announces New Merchandising Service**

A new merchandising service for lumber and building material dealers, consisting of quarterly "packages" of ideas, plans and programs, has been initiated by the Celotex Corp., Gates Ferguson, advertising director, has reported.

Every idea or plan in the service, Ferguson said, is completely organized and described in full detail with suggestions for getting quick and effective action. He listed the following among the aims of the merchandising aids:

1. To develop a more enthusiastic, more efficient, more alert business organization and to cut costs and make extra profits through teamwork.
2. To develop every employee into a selling force for his business.
3. To get additional promotional action on all the timely and available merchandise carried.

Ferguson also emphasized that, though the service is made available by Celotex, it is not a Celotex promotion, but designed to help the dealer promote all the merchandise he handles. Subscription is limited to building material dealers handling Celotex products and may be ordered either through the local Celotex sales representative or by writing directly to the Celotex Corp., 120 S. LaSalle St., Chicago 3, Ill.

Read

how to build with  
Brick and Clay Products  
May, American Builder

**IN-A-SLIDE**  
THE ORIGINAL  
ALL-STEEL  
EASY OUT  
BASEMENT WINDOW  
LEADS IN QUICK  
SALES AND PROFITS



**IN-A-SLIDE POPULARITY  
DOUBLED PRODUCTION  
IN 1950 ...**

This can mean only one thing: that, in the splendid All-Steel In-A-Slide, New Monarch's idea of producing the finest and best basement window on the market, in any price bracket, has been fully realized.

Alert dealers everywhere are taking advantage of this popularity among architects and contractors. They are stocking up on In-A-Slides, Mullions, Screens and Storm Sash so as to be ready for their full share of Really Profitable Basement Window business.

**MULLIONS**

With Monarch Mullions, In-A-Slides may be grouped into units of from 2 to 5 to a section, making sturdy, economical Utility-type windows.

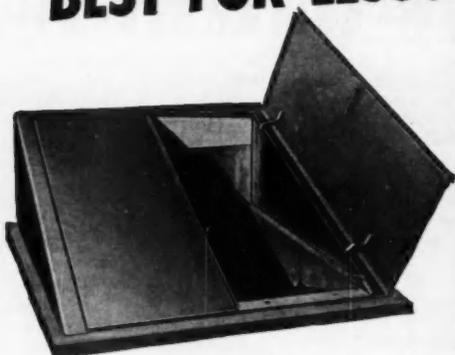


**SOLD BY ALL PROGRESSIVE  
DEALERS**

When you think of Basement Windows think of  
**NEW MONARCH MACHINE & STAMPING COMPANY**  
400 S. W. NINTH STREET  
DES MOINES 9, IOWA

**AMERICAN BUILDER**

# THE BEST FOR LESS!



when you install a

## Bilco

TRADE MARK

### Copper-Steel CELLADOOR

Modern design, finest materials, top craftsmanship make the Celladour vastly superior to ordinary, old-fashioned wooden basement doors. There's simply no finer door made . . . at any price!



### SAVES YOU TIME LABOR, MONEY!

You can install the Celladour in as little as ten minutes . . . as pleased builders everywhere can testify. And there's nothing to go wrong. No breakdowns, repairs, or maintenance for your customers.

### SATISFIES YOUR CUSTOMERS KEEPS THEM SATISFIED



The Celladour opens the way to new living pleasure! And it keeps giving pleasure for a lifetime. It's super-safe, foul-proof, weather-tight, fire-proof, and flatters every home. Bilco performance means happy customers . . . better business for you.

THE BILCO CO., 165 Hallock Ave., New Haven, Conn.

Please send me all the facts that prove the "best costs less" when I install Bilco Celladoors.

Company Name \_\_\_\_\_  Architect  
 Address \_\_\_\_\_  Builder  
 City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_  Dealer

APRIL 1951

## Sink-Lok does it better

### Locks both sink and covering in place

Edges of covering can't pull up or work loose

Frame overlaps edge of covering a full 1/4"

Wide lip ends need for close scribing or cutting of materials

Holds sink rigidly in place, tight against lip of frame

Sink and frame easily removed for repairs—no damage to covering

No mortising or rabbeting of the sink wall

Adjusts easily to thickness of counter top

No bolts or screws through counter top

Just tighten bolt—no special tools needed

### Save time with

## CHROMEDGE®

### Sink-Lok Frames

The Chromedge Sink-Lok Frame clamps coverings in place to stay! It seals out moisture . . . hugs the sink with a permanent grip. Coverings can't work loose or curl up.

Sink-Lok is easier to install too. No need for close scribing, cutting or fitting of the materials. The frame overlaps edges of the covering a full quarter-inch. And you just cut a straight-walled opening for the sink. No mortising or rabbeting—no special tools needed.

The frame anchors in place from underneath the sink top. It supports the sink itself in addition to sealing the joint between the covering and the sink. You finish the installation by just tightening the bolts on the Sink-Lok Frame lugs. No bolt holes to be drilled. No screws to fasten into the counter top.

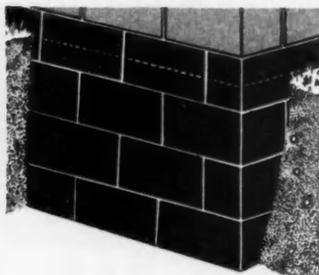
On new installations or cabinet top repairs, save time and make more profit with easy-to-install Sink-Lok Frames! Write for complete information.

Sink-Lok Frames are available for flat rim sinks of any size, with either round or square corners. No. A-725 Sink-Lok Frame fits 1/4" to 3/8" plywood tops covered with material up to 1/8" thick. No. B-725 Sink-Lok Frame is for 3/8" to 1" plywood counter tops, covered with any material up to 1/4" thick. Sink-Lok Frame No. C-726 is available for vitreous china sinks.

The **B & T** Metals Co.  
Columbus 16, Ohio

349

## protect masonry above grade . . .



## . . . below grade

Cabot's Clear Brick and Clear Cement Waterproofings keep moisture out of above-grade masonry — keep interior walls dry — prevent unsightly efflorescence.

Cabot's Foundation Coating waterproofs and protects all types of below-grade masonry, with a heavy, black, elastic coating that seals cracks and pores—repels termites because it's a coal-tar product.

Cabot's Waterproofings and Cabot's Foundation Coating are economical — easy to apply — long-lasting.

Check coupon — for samples and full information.

Samuel Cabot, Inc.  
431 Oliver Bldg., Boston 9, Mass.

Please send information and FREE samples: —

Cabot's Clear Brick Waterproofing

Cabot's Clear Cement Waterproofing

Cabot's Foundation Coating

Name.....

Address.....

City.....

State.....

**Samuel  
Cabot, Inc.**

### Letters . . .

(Continued from page 41)

and your answer to Ray Foley were splendid pieces of constructive analysis and writing. You are perfectly correct when you state that there are millions of other Americans who are thinking along the same trend of thought which you hold with regard to the actions which are being taken by the Administration. They have built up a greater hysteria and have generated more alarms in Washington than is felt in any part of Europe where there might be some reason for concern. I expect we should realize that this and the prior administration, over a period of twenty years, have practiced with great success the creation of crises to maintain their grip on the lives of the American people. Unless more Americans take action to break that grip we, and they, and our children after us will be strangled to death by these bureaucratic administrators.

Association Executive  
Louisiana

Sir: This will probably be but one of many thousand letters you will get congratulating you on your courage and forthrightness in your rebuttal of

Ray Foley's letter in the February issue. Thank God we still have some people in the country who are not afraid to speak up.

Manufacturer  
Ohio

Sir: I have just finished reading your reply to Foley—it was a "dilly."

Retail Lumber Dealer  
Washington

Sir: I have read your editorial "The Basic Problem," HHFA Administrator Foley's comments thereon and your reply to Mr. Foley. You hit the nail on the head in the editorial and you drove it home in your reply. Keep up the good work.

Builder's Service Organization  
Colorado

Sir: Permit me to congratulate you on your most beautifully written document to Mr. Foley. The position you have so ably expressed in words is certainly the position of every right-thinking American citizen. Again, my heartiest congratulations.

Manufacturer  
Illinois

Sir: I have the February issue of the *American Builder*, and you are certainly to be commended for your straight-from-the-shoulder reply to Mr. Foley of the HHFA. I am just

(Continued on page 252)

## NOW! NEW!

Low Cost . . . Low Wattage

### RADIANT

Wall-Insert

### HEETAIRES

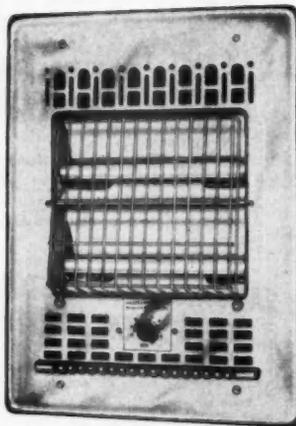
✓ AUTOMATIC or  
✓ MANUAL Control

Set it . . . and forget it!

Just set the thermostatic control dial—the HEETAIRE will automatically produce and maintain any desired temperature between 40° and 80° F—immediate healthful infra-red rays—turning itself on and off as needed.

With BUILT-IN THERMOSTATS or MANUEL Control

1000 - 1250 - 1500 Watts . . . 120 and 240 Volts. Only 17 $\frac{3}{8}$ " high x 12 $\frac{5}{8}$ " wide!



MARKEL Built-In HEETAIRE Model 241 TE



Tested and listed under re-examination service by Underwriters' Laboratories, Inc.

WRITE for all the details — and the name of our nearest HEETAIRE representative.

**MARKEL**  
ELECTRIC PRODUCTS, INC.

**LASALLE**  
PRODUCTS, INC.

151 Seneca St.

Buffalo 3, N. Y.

AMERICAN BUILDER

# PRACTICAL IDEAS for **BUILT-INS** with **VERSATILE WELDWOOD® PLYWOOD**



Built-in Bookcases add dignity and charm. Install them with or without cabinets, as needed.



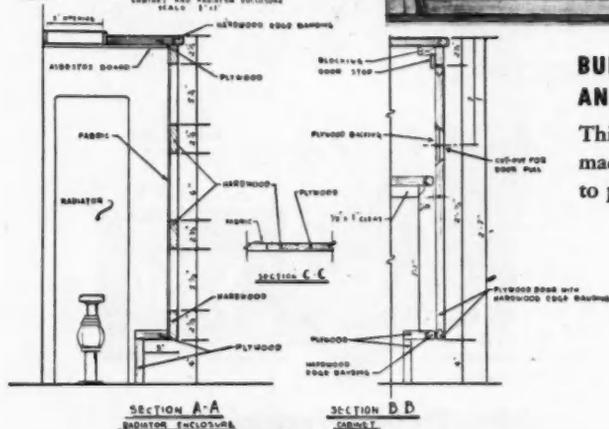
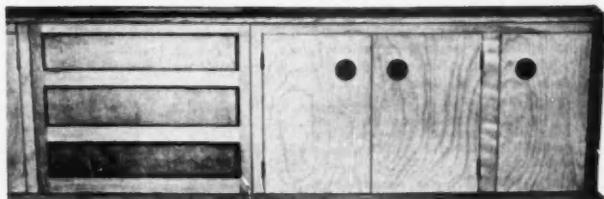
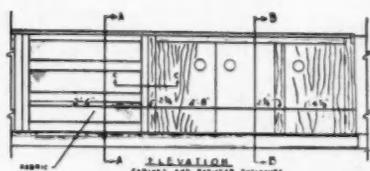
A Television Corner provides an attractive setting for this coming "must" in home furnishing.



Corner Cupboards go in quickly and easily. And, they combine charm with convenient storage space.

You'll combine utility and modest cost with strikingly different decorative beauty when you use even a little Weldwood in the homes you build. And, you'll find prospects quick to appreciate the unusual "plusses" you've added with

built-ins like these, or dozens of others that you can build easily and economically. Ask your lumber dealer to show you samples of Weldwood Plywood in  $\frac{3}{4}$ " thickness, especially useful for the construction of attractive built-ins of all kinds.



## BUILT-IN RADIATOR ENCLOSURE AND CABINET COMBINATION

This attractive built-in unit is easily made and combines beauty and utility to provide extra sales appeal.

Interior grade Weldwood Plywood is guaranteed for the life of the building in which it is used.



## WELDWOOD Plywood

Manufactured and distributed by

**UNITED STATES PLYWOOD CORPORATION** New York 18, N. Y.

and **U. S.-MENGEL PLYWOODS, INC.**, Louisville 1, Ky.

Branches in Principal Cities • Distributing Units in Chief Trading Areas • Dealers Everywhere

# BETTER CONCRETE SLABS COST LESS with SISALKRAFT LAID OVER SUBFILL



Big building, above; small home, below;  
SISALKRAFT covering subfill of both

## FOR BUILDINGS OF ALL SIZES

Whatever the job . . . from humblest homes to the biggest buildings . . . SISALKRAFT helps you build better for less. For instance, by laying SISALKRAFT over subfill before you pour any concrete slabs (at ground level or in excavations), you'll get denser, harder, drier floors, at lower cost, because . . .

- 1 Water and cement can't seep through SISALKRAFT into the subfill . . . the specified concrete-mix proportions and desired slab-characteristics are thus maintained.
- 2 SISALKRAFT blocks penetrations of concrete into voids of subfill . . . no concrete "fingers" can form to draw up ground-moisture into slab by capillary attraction.
- 3 You save concrete and labor . . . get better slabs at lower cost.

In many other ways, too, SISALKRAFT and SISALATION (Reflective Insulation) help you to build better for less.



Write Dept. AB-4  
for free samples and data



**THE SISALKRAFT CO.**  
205 West Wacker Drive, Chicago 6, Illinois  
New York 17, N. Y. • San Francisco 5, Calif.

## Letters . . .

(Continued from page 250)

a small town boy operating a one-horse building material business in a small New Mexico town. I was born in the State of Texas. One grandfather was an officer in the Confederate Artillery, the other a Confederate Infantry officer. Until I was grown I even thought a Republican had a Blue Band around his belly a full foot wide. With this background I am supposed to be a very good Democrat. I am, but I cannot stomach three fourths of the socialistic regimentation that the bureau boys seem determined to cram down our throats. They got a taste of power during World War II, and they don't want to let go. They even held trials without the benefit of a jury in the OPA days. If you will follow the course of events back to the end of the shooting in World War II, you will find that each time it looked like we were about to resume a degree of normalcy, that the bureau boys suddenly developed some kind or another of a crisis. Just most anything to keep the public eye off the bureaus and the direction of their travel. This page was stolen from the operations of both Hitler and Stalin. To add insult to injury, the President brands the trial of a Commu-

nist Traitor as "a Red herring" while the Secretary of State, after the man is convicted says, "He is still my friend." So why shouldn't we wonder just where we are going, and why. Even Mr. Foley joins the parade and writes Truman-like letters to you, just because you express your honest opinion. I think you are doing a fine job, and ask that you keep up the good work. Your reply to Mr. Foley is a masterpiece, and states the whole case. If I were to offer any criticism I would say you were too polite. To make them understand, you might have to borrow from Truman and call the people "names."

Retail Lumber Dealer  
New Mexico

Sir: Have just read Raymond Foley's letter on December 18th and your answer of January 8th, appearing in the February issue of American Builder. Congratulations to you! Your reply to Foley is, in my judgment, just good plain common sense. Our government has already sold the workers of this country down the river in aiding the labor racketeers to take over the unions to the point where labor possesses but little freedom. Having accomplished this the government would like to regulate and destroy private enterprise to

(Continued on page 254)

**KING**  
"540"  
CONTRACTOR'S  
HOIST  
ONLY  
**\$350**  
F.O.B. Chicago  
Other sizes and models available.

## Downs the Cost of getting things up!

The King "540" gives you all this in one labor and cost saving unit: 5 H.P. at 3200 R.P.M. . . . easily hoists 750 lb. capacity at 200 ft. per minute . . . just 28" wide, 31" long. Spool is 7" in diameter, 12 1/2" long for 5/16" or 1/4" wire rope. Weighs only 315 lbs. Easy to roll and load. Safe, simple to operate. Write for complete details . . . today!

**KING MANUFACTURING CORPORATION**  
3158 W. CHICAGO AVE., CHICAGO 22, ILLINOIS

WHATEVER  
THE FLOOR  
PLAN...



OR TYPE OF  
BUILDING...



BE SURE OF  
TIME-TESTED  
PERFORMANCE

WITH

**Janitrol** Advanced-Design  
Gas Heating

SURFACE COMBUSTION CORPORATION, TOLEDO, OHIO  
Offices in Principal Cities



### **Janitrol** WINTER AIR CONDITIONERS

Six sizes from 60,000 to 180,000 Btu/hr. ratings comprise the complete Janitrol line. Most popular sizes are completely factory assembled. All models are 26" in depth and 60" high, dimensions

vary in width only for the six different capacities. Features include provision for constant air circulation, cast iron heat exchangers, ribbon type burners, large capacity blowers and replaceable air filters.



### **Janitrol** GRAVITY FURNACES

Three models, a 75,000, 100,000 and 125,000 Btu/hr. size are smartly modern in appearance. Designed especially for easy and quick assembly, they meet the need for low cost installation and

completely automatic, quiet operation.

Janitrol Gas-Fired Gravity Furnaces are being widely used in large multiple housing projects, apartments as well as in single homes.



### **Janitrol** BOILERS..HOT WATER, STEAM

Twenty-one sizes of Janitrol cast-iron boilers with certified A.G.A. ratings of 170 to 2700 square feet of steam and 270 to 4320 square feet of water, make up the complete line for

any requirement. Operating controls are all enclosed enhancing the streamlined, attractive appearance of these modern, compact designed gas-fired boilers.



### **Janitrol** TRIPLE SERVICE STEEL BOILERS

A single compact unit provides mechanically circulated hot water for comfort heating (panel radiant heating or convectors) as well as high temperature water for automatic laundry and dishwasher and a tempered water for lavatory,

tub and shower. Three sizes, of units with input ratings of 100,000, 1,50,000 and 210,000 Btu/hr., are available in either gas or oil fired models.

Single installation requires a minimum use of floor space.



### **Janitrol** UNIT HEATERS

For commercial and industrial buildings, Janitrol Gas-Fired Unit Heaters offer many advantages. Because they are self-contained heating plants, they can be suspended overhead quickly at minimum installation expense.

Automatic operation provides fast heat exactly when and where it is needed. The com-

plete Janitrol line also includes heavy duty floor models for heating large areas. Janitrol Unit Heaters are available in 30 sizes with input ratings ranging from 50,000 to 1,500,000 Btu/hr. As with other Janitrol equipment, these unit heaters are equipped for any type of gas including LP.

*The complete Janitrol line also includes Floor Furnaces, and Conversion Burners. See Sweets Catalog for more complete specifications.*

## THESE ARE THE PAY-OFF SPOTS



Spot Sash Cord is highly resistant to wear . . . it's solid braided cotton . . . extra strong, extra smooth for easy, noiseless operation.



Minimum of stretch insures perfect and lasting balance without adjustments. Spot is firm yet at the same time flexible . . . knots easily for quick installation.



Look for these Colored Spots, our registered trade mark . . . your guarantee of the best. When customers want to replace old sash cord, recommend the best . . . recommend strong, long-lasting Spot Cord.

*Specify and use*

**SPOT  
SASH CORD**  
*Samson*  
**CORDAGE WORKS**  
Boston 10, Massachusetts

### Letters . . .

(Continued from page 252)

the end that they can take over and operate any and all types of business under socialized principles.

Savings & Loan Assn. Executive  
Pennsylvania

Sir: The writer is a property owner (motor court) and happens to work part time in a builder's office. I read the editorial on "Regulation X" and have just read Foley's letter and your reply in February *American Builder*. It is a pitiful thing that more representatives of business don't lay it right on the line the way you did. And also a pity that more people don't read it. I am clipping and sending it to our Congressman who is a wishy-washy Republican.

California

Sir: You're a fighting man, and obviously a potent one. I thought your letter to Mr. Foley in the February issue was excellent. I only wish that parts of it could be repeated and repeated across the country.

Manufacturing Executive  
Minnesota

Sir: I read your editorial re Regulation X and fully agreed with you. I wish we had more such editorials and I'm approving your answer to Mr. Foley. It appears he felt guilty.

Builder  
Illinois

Sir: It is my belief that Mr. Foley erected a straw man merely for the sake of knocking him down. I liked your editorial very much indeed. In "my book" I cannot find any mandate from the Almighty for the United States to constitute itself as the policeman for the entire world. I fully agree with your suggestion that the best service we can render to the world and to humanity is to demonstrate that under our economic system more wealth is produced and that it is more widely distributed than under any other system yet devised. Our foreign policy for the past seventeen years has been a stench in the nostrils of thinking men. Indeed, it is not too much to say that we have had no foreign policy. We have manufactured one crisis after another for political purposes. I hope you will continue your hard-hitting editorials.

Attorney  
New York

Sir: Mr. Foley's letter and your reply published on pages 102 and 103 of the February *American Builder*

(Continued on page 255)

## Short Cut



### ...to PROFITABLE Contracts and Sales!

#### Dodge Reports

- are just that; a short cut to profitable contracts.
- are early news, issued daily, about construction jobs to be built . . . and about bidding and awards of contracts as these individual jobs progress.
- are available to cover your trading area, from a single county to 37 eastern states.
- give you the information you need on just those jobs you can sell.

#### With Dodge Reports

- you know who and where your prospects are and when they should be seen.
- you multiply your (salesmen's) time by saving (them) many useless trips.

#### Without Dodge Reports

- you would spend far more time looking for opportunities than you have to.
- you may never have a chance to bid many of your best opportunities.
- you can't keep informed on the changing factors and may lose out by not knowing whom to see and when to see them.

Why not use the best sales tools available?

Thousands of firms are using Dodge Reports profitably, year after year, and have been over the past 59 years.

For complete details  
MAIL THIS COUPON NOW  
—while you think of it

F. W. DODGE

CORPORATION

AE-451

I would like to see some Dodge Reports on business within my area. I do business East of the Rockies.

Name.....

Firm.....

Address.....

#### Dodge REPORTS

Construction News Division  
F. W. Dodge Corp., 119 W. 40 St., N.Y. 18

## Letters . . .

(Continued from page 254)

have been read by me with much interest. Like you I was amazed at the tone of Mr. Foley's letter. I have heard his name mentioned many times in different meetings of our industry and I do not remember ever hearing "anything but the highest regard and respect expressed for your personal and official integrity and ability," to repeat the words used in the second paragraph of your reply. I saw nothing in your editorial to justify such an attack. Like many others, I do not understand why we are at war in Korea without a declaration of war. Also I do not understand the necessity for some of the controls already imposed while at the same time inflation in the form of deficit government financing, increased wages and prices have not been checked. I am glad you took the time and trouble to answer Mr. Foley in detail. I do not know of anybody better equipped or more able to do it.

Retail Lumber Dealer  
West Virginia

Sir: I read with consuming interest copies of Raymond Foley's letter addressed to you December 18th and your reply of January 8th as presented in the February issue of *American Builder*. It just did my heart good to read what you said and how you expressed yourself in reply to Mr. Foley. I only wish that these thoughts could be spread more widely and deeply into the minds of a greater number of readers. You are contributing excellent work for our entire building industry, and believe me your efforts are genuinely appreciated by all who know you.

Retail Lumber Dealer  
Virginia

### Condensation Problem

Sirs: In the December issue of *American Builder*, page 39, a question of condensation in a shed roof is raised by Elmer Ogborn of Salina, Kas., and a corrective measure is suggested. We do not believe that the method suggested will correct the condition described, and if followed it may cause unnecessary expense and additional discouragement to the owner. The causes of condensation in walls and ceilings are pretty well understood; the ready vapor permeability of unprotected insulating materials (however well installed) and the practice of placing a moisture barrier on the warm side of the insulation are accepted by modern

(Continued on page 256)

## Build Homes that sell faster with PC Foamglas,

THE  
LONG LIFE  
INSULATION

Your best prospects will appreciate the increased comfort and economy you can offer them in homes that are effectively insulated. And many successful builders can tell you that Foamglas Insulation has proved especially adaptable for modern home construction. PC Foamglas Insulation reduces heat losses, facilitates operation of home radiant heating systems, saves wear and tear on air-conditioning equipment.

The only material of its kind, composed entirely of glass and air in cellular form, Foamglas is an exceptionally effective, long lasting, economical material. In floors, walls and roofs of many types of dwellings, PC Foamglas—when properly installed—retains its original insulating effectiveness, without costly repairs, maintenance or replacement.

Decide now to make your homes more salable by including Foamglas Insulation in your plans. Your will find a lot of helpful information in our current literature. Just send in the convenient coupon and your free copy of our booklet will be forwarded promptly, with a sample of PC Foamglas.



PC FOAMGLAS insulates the radiant-heated concrete floor in this basement house. Applied to the inner face of the foundation wall, it reduces heat loss through the floor slab edges . . . increases indoor comfort and contributes to the efficient operation of the heating system. Architect: William F. Hoover, Jr., Pittsburgh, Pa. General Contractor: W. L. Carlensen, Johnstown, Pennsylvania.

THIS MAGNIFIED DIAGRAM shows that PC Foamglas is composed almost entirely of still air, which is sealed in minute glass cells. The black areas indicate glass, the white areas air. The insulating properties of still air and the unusual resistance of glass to moisture, chemicals and other elements that cause insulation to deteriorate, make Foamglas an exceptionally effective, long lasting insulating material.

Pittsburgh Corning Corporation  
Dept. A-41, 307 Fourth Avenue  
Pittsburgh, 22, Pa.

Please send me, without obligation, a sample of Foamglas, and your FREE booklet on the use of PC Foamglas insulation for homes of all sizes and types.

Name.....  
Address.....  
City..... State.....

**PITTSBURGH**  
**PC**  
**CORNING**  
**FOAMGLAS** cellular **INSULATION**  
glass

When you insulate with FOAMGLAS... the insulation lasts!

**BIRD PROBLEM  
ENDED FOREVER**



**Nixalite**  
PRECISION ENGINEERED

Pigeons, starlings, sparrows and other birds will not land nor roost on the building when you apply NIXALITE



NIXALITE is a precision engineered corrosion proof stainless steel product with needle sharp prongs extending upward and outward at varying angles in a semi-circle welded to a malleable base bar. It is held in position with rust proof stainless steel clips attached to corrosion resistant fasteners embedded in the material to which NIXALITE is applied.

NIXALITE is 3 1/2" high and 4 1/2" wide. Clips and fasteners furnished for any type construction.



**GUARANTEED 100% EFFICIENCY**

No Repairs—No Upkeep—No Replacement  
Lasts Indefinitely—Humane—Removable  
Easy to Apply—Economical—Inconspicuous

For further information write

**Nixalite Company of America**

115-119 W. 3rd St. Davenport, Iowa U.S.A.

**Letters . . .**

(Continued from page 255)

builders. We are indebted to Mr. L. V. Teesdale for the following comments: "The condition described by Mr. Ogborn is very common. Moisture vapor generated in the room below the shed roof passes through the ceiling material, the rock wool and condenses on the cold roof sheathing in cold weather, collecting there in the form of ice. When the weather moderates or even on cold days when the sun strikes the roof, the ice melts and drips back, wetting the ceiling below. This is described at some length in the Report No. 1196 (Forest Products Laboratory bulletin) . . . The corrective measure would be to add a vapor barrier to the warm side of the ceiling and to ventilate the space between the ceiling and the roof by providing an intake opening in the side walls and an exhaust ventilator in the roof. For a fiberboard ceiling already in place we would suggest using paint for the barrier, in this case two coats of aluminum paint followed by two coats of finish paint having an oil base . . . Ventilation of the roof space will serve to remove any vapor working through the paint."

Donald G. Coleman,  
United States Department of  
Agriculture  
Forest Products Laboratory  
Madison 5, Wis.

**Write Your Congressman**

With new government controls of all sorts, new taxes going into effect, and more in the offing, now—today—is the time to pause long enough to act. There is no better way to act than to write to the Senator and Congressman representing you in Washington. Enough letters written, such as those recently sent from *American Builder*, might curb the growth of a socialistic body in our country. Letters do bring response, as the following answers testify:

Sirs: Many thanks for your letter of January 17. I greatly appreciate the editorial from the Chicago Tribune which you enclosed. In the face of the situation confronting us, it is simply incomprehensible that the President is unwilling to make substantial reductions in non-defense spending but still insists upon his socialistic proposals.

Harry F. Byrd  
United States Senate  
Committee on Finance

(Continued on page 257)



4 new performance improvement features

**NEW DESIGN INCREASES  
PERFORMANCE AND SAVINGS**



1 The 1951 ES-nail is distinguished by a design change which positively eliminates danger of loose shingle corners at nailing points where sheathing is backed by studs or wood members. As shown by the adjoining sketch, when the driving leg penetrates a stud, the new design permits a bellows-like expansion into the sheathing material . . . allowing the nail head to flatten completely without distortion.

2 New longer, wider locking-foot increases holding power of the 1951 ES-nail more than 30%

when used with gypsum sheathing and up to 50% with insulation sheathing. Redesigned locking mechanism provides a tight clinch regardless of variations in sheathing, paper, and shingle thicknesses.

3 New, sharper ES-nail point assures quick, clean penetration of sheathing—prevents rupture of sheathing back.

4 New ES-nail head can be driven home with approximately 25% less force—automatically provides a complete clinch of the locking foot even with wide variations in shingle quality and nail-hole size.

Try the new 1951 ES-nail on your next side-wall shingling job!

For complete information write to Elastic Stop Nut Corporation of America, 2330 Vauxhall Road, Union, New Jersey.

**ES-nail®**

A PRODUCT OF

**Elastic Stop Nut  
Corporation of America**

Available through Johns-Manville Sales Corp., National Gypsum Co., Weatherbest Corp., Cro-Digit Co., Inc., Keasbey and Mattison Co., and American Stained Shingle Co.



Approved by the Red Cedar Shingle Bureau, Seattle, Washington, representing manufacturers of Certigrade Shingles.  
®Trade Mark Reg. U. S. Pat. Off.

**AMERICAN BUILDER**

## Letters . . .

(Continued from page 256)

Sirs: I have your letter of January 17th and I have read it with interest, including your controversy with Mr. Foley. I agree with you that the tremendous increase in government mortgage insurance and an unlimited authorization in direct spending for war housing is an abuse of the war emergency. It seems to me clear that the power of the government to build houses ought to be limited to real government projects such as military camps. I do not like the provisions of the bill which practically duplicate the provisions of the Lanham Act in effect during the World War. I would favor some additional mortgage insurance in order that there may be an inducement to build houses wherever there may be new plants. My own opinion is that there will be nothing like the number of plants built in out-of-the-way places, which required so much construction during World War II.

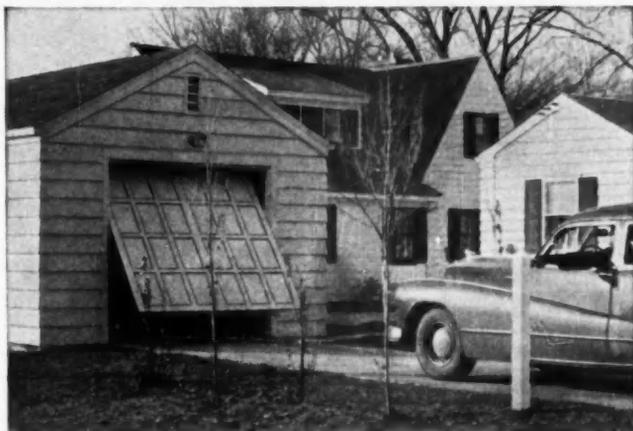
I do not quite agree with you as to the lack of danger of inflation. It seems to me clear that free government credit has undoubtedly created a very large amount of inflation in the housing field. Housing credit has been so very easy that billions of dollars have been spent before people had the money to spend. I have not examined the exact provisions of Regulation X, but I am afraid that I agree with the Federal Reserve Board and the Housing Administration that a very considerable curtailment of credit is essential in the housing industry if we are going to avoid further general inflation. I think this is the opinion of the best economists, both right wing and left wing.

Robert A. Taft  
United States Senate  
Washington, D. C.

Sirs: I have your letter and thank you for the same. I appreciate getting your views and they are very helpful to us in mapping out our course. Your letter is a sign the people of the country are being aroused, and if they are we can prevent state socialism from being permanently fastened upon us. This great fight is now pending and it is only through an aroused public we can win it. You can rest assured knowing the danger I shall do everything within my power to sustain the American life that has brought us so many blessings in the past.

Joseph W. Martin, Jr.,  
House of Representatives  
Washington, D. C.

## "Best operators in the business!"



## RICHARDS-WILCOX AuT-o-DoR®

Electric Operators

open and close garage doors automatically

Here you see the perfect answer for every home-owner who wants garage doors that open and close automatically—the R-W No. 1251 AuT-o-DoR Electric Operator, especially designed for opening and closing sectional or one-piece type residential overhead garage doors.

**Easy to Install**—R-W No. 1251 Operators come completely assembled in a single carton, ready to install and hook to AC current. Especially recommended for R-W 999 Garage Doors.

**Easy to Service**—Long life self-lubricating oilite bearings are used throughout. Roller chain is completely enclosed. Tension of chain is easily adjusted. V-belt drive has automatic adjustment. No special tools required to service any parts in this operator.

**Choice of Three Controls**—Three different types of controls are available, as shown above. Each type functions smoothly and efficiently. Send for catalog A-87 with detailed information about R-W No. 1251 AuT-o-DoR Electric Operators—write our nearest office today.

1880-1951



OVER  
71 YEARS

## Richards-Wilcox Mfg. Co.

"A HANGER FOR ANY DOOR THAT SLIDES"  
AURORA, ILLINOIS, U.S.A. Branches in all principal cities

SLIDING DOOR HANGERS & TRACK • FIRE DOORS & FIXTURES • GARAGE DOORS & EQUIPMENT  
INDUSTRIAL CONVEYORS & CRANES • SCHOOL WARDROBES & PARTITIONS  
ELEVATOR DOOR OPERATING EQUIPMENT

# Hydrocrane Cuts Slab-Setting Time 30%



Here the Hydrocrane inches a slab into place. Every crane function is fully hydraulic — boom hoist, load hoist, swing, boom, telescope, outrigger set and retract and bucket close.

**BUCYRUS  
ERIE**  
**HYDROCRANE**

"With our Hydrocrane and four men we can place as many Flexicore slabs in eight hours as we used to in 12 hours with five men and an A-frame," says R. L. Hubler, Price Brothers Contractors, Dayton, Ohio. "During normal operation the crane sets a slab every minute and a half. Why, on one job we erected 7,000 sq. ft. of pre-cast in eight hours.

"Another thing, the Hydrocrane is ready to work in a couple of minutes — the old A-frame took a lot of time just to set up. On our operation this hydraulic crane is a real time saver . . . has paid for itself many times over."

Two sizes — 2-ton, 1/4 yd.; 3-ton, 3/8 yd. Available with clamshell, crane hook, 3-tine and multi-tine grapple, trash bucket and magnet.

## BUCYRUS-ERIE HYDROCRANE DIVISION South Milwaukee Wisconsin



Now! A new sound and color movie shows the Hydrocrane in action. See your Hydrocrane distributor for details.

Gentlemen: Tell me how the Hydrocrane can speed up my jobs.

Name.....

Company.....

Address.....

City..... State.....

**BUCYRUS-ERIE HYDROCRANE DIVISION**  
South Milwaukee, Wisconsin 53185

## Promotion Ideas Boom Depression-Born Business

When Larry Johnson, president of Johnson Cashway Lumber Co., opened his yard at Hastings, Neb., in May, 1931, unemployment was at its peak, national business was virtually at a standstill, and Nebraska was struggling through its worst drought in history, one that lasted eight years.

Johnson's assets were: youth (he was then only 25), total resources of \$2,500, five years' experience in the retail lumber industry, unlimited courage — and a number of good merchandising ideas.



Larry Johnson

The depression notwithstanding, nor the fact that the new yard catered almost exclusively to farm trade, business at the end of the first year reached a spectacular \$75,000!

Today, Johnson Cashway owns and operates five of the largest lumber yards in Nebraska (one each at Hastings, Grand Island, and Gering, and two in Omaha); a ready-mix concrete plant at Hastings; two saw mills near Eugene, Ore., each with a capacity of 75,000 feet of lumber per day; a dry kiln; and 25 million feet of virgin growth Douglas fir. Sales last year were well above \$5,000,000.

Johnson credits a large share of the growth to the applying of department store methods to the retail lumber business. These methods have been reinforced by packaged selling combined with an enlightened customer-educative program.

For example: farm trade interest in vermiculite insulating concrete was stimulated by designing and displaying a building 12x20x8 feet that could be used for a grain bin (capacity 1,800 bu.), a poultry house, hog house, garage, or utility building. A descriptive folder listed the price and materials, even to the paint and nails. An alternate structure with a wood floor cost \$44 more.

"When the farmer asked, 'Why a concrete floor?' it brought him right into the picture," Johnson said. "We told them all about the lightweight aggregate, what it is, how it should be mixed, its advantages in animal shelters and in storage bins."

Ray F. Stryker, sales manager, pointed out that it is to the dealer's interest to take time to educate his patrons regarding the products they buy.

"We can sell them the best products in the world, but if they aren't used

AMERICAN BUILDER

right, it will reflect back on us. Suppose a man buys knotty pine for his basement recreation room. You know perfectly well that his neighbors will come in to see what's going on. We could sell him the finest knotty pine available, but if it isn't finished properly, it will look like the devil. His neighbors ask, 'Where did you get it?' He says, 'Johnson Cashway.' The neighbors get a bad impression, and the owner is disgusted himself. But if we tell him exactly how to put in a good job, everyone who sees it is impressed, the owner is happy, and we make him a salesman for us."

Asked for specific details of his merchandising program, Johnson said that in the beginning he used intensive direct mail and newspaper advertising. Each week, he put on



**JOHNSON CASHWAY'S industrial and contractor store, in Omaha, Neb.**

"specials," just as department stores do. These leaders covered the entire line, taking one item one week, another the next. Extreme care was used in choosing only those that were seasonable. Once, for a leader, Johnson bought an entire carload of window glass, something that had never been done before by any retailer in Nebraska, and disposed of it quickly as a "special."

"We had no salesmen to go out and sell our merchandise," Johnson continued. "We sold it by bringing people in to the yard. Mailings were aimed at the rural box-holder. We never had a mailing list: we broadcast our circulars. If a community had 150 rural box-holders, we mailed 150 pieces of literature. In small towns, we sent out boys with hand bills for door-to-door distribution. We put in a wall-paper stock to bring in women customers.

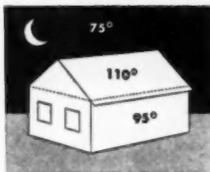
"We had a regular schedule of newspaper advertising that carried the same items featured in the hand bills. Lots of times they were exact copies of each other. Newspaper ads ran anywhere from 5 inches to a full page, depending on what we were trying to do. We chose county papers that were active, and ran specials in them every week through the year. In the Hastings newspaper, we opened with a full page ad, and thereafter ran an ad twice a week. Our ads do direct selling for some piece of merchandise at a stated price."

APRIL 1951

## Low-Cost Home Cooling

WITH HUNTER ATTIC FANS

### HERE'S HOW ATTIC VENTILATION COOLS A HOME

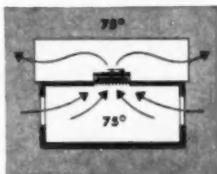


#### It's cooler outside at night.

All day long a home absorbs heat from the summer sun. At night when outside temperatures have fallen to 75°, for example, the dead hot air in your attic may remain as high as 110°. This keeps the rooms below at an unbearable temperature of up to 95° or more.

#### Attic fan pulls the cool air inside.

A Hunter Attic Fan pulls the cool fresh outside air into the house, driving out the oven-like heat. In a few minutes after the fan is started, room temperatures drop 10° to 20° lower. An automatic time switch can be used to shut off the fan while occupants sleep.



### NEW HUNTER PACKAGE FAN IS INEXPENSIVE AND EASY TO INSTALL IN OLD OR NEW HOMES



A Hunter Package Fan is the most practical and least expensive method of keeping a home comfortable on hot summer nights. This compact unit is easily installed in any new or old home. Furnished complete with fan, motor, suction box and ceiling shutter—with a choice of four sizes, to fit any home.

#### Cool comfort for a few cents a night.

This efficient attic fan is quiet and powerful, requires little or no maintenance. It costs only a few cents a night to operate and will last for many, many years. Backed by Hunter, exclusive fan makers since 1886. Mail coupon below for complete information on comfort cooling with Hunter Fans.



## Hunter PACKAGE Attic Fans

### MAIL FOR LITERATURE ON LOW-COST HOME COOLING

Hunter Fan and Ventilating Company  
381 South Front St., Memphis 2, Tenn.  
Send complete information on Hunter Package Attic Fans to:

Name \_\_\_\_\_

Street \_\_\_\_\_

City and State \_\_\_\_\_





**1** **ANCHOR WINDOW** — Pella Windows are completely assembled when they arrive. Just set the unit in the opening and anchor it firmly at the head and sill. Flange screws are furnished for this purpose.



**2** **ATTACH OUTSIDE FIN** — Next, attach metal fins at jambs. The grooved edge of the fin fits over the edge of the steel frame. The flat surface of the fin is nailed to the sheathing. Exterior trim can now be applied.

**FOR QUICKER, EASIER  
INSTALLATION  
USE**

*Pella*

**CASEMENT WINDOWS**

Pella Casement Windows cut installation costs to a minimum because all Pella Casement Windows are completely assembled and pre-fitted at the factory. Pella Casements, in modular dimensions, fit right into specified rough openings. All Pella Casement Windows are equipped with inconspicuous, convenient Rol-screens that roll up and down like window shades. More Thermopane standard sizes are available for Pella Casements than for any other wood casement window. Save time and labor costs with Pella Casement Windows.



**3** **ATTACH INSIDE FIN** — To complete the installation, apply the inside metal fins at head, sill and jambs. Fins fit under the lip of the steel frame and are nailed to the studding. This insures a tight weatherseal all the way around the window.

**Write Today** for the Pella Installation Instructions and full size Casement Details.

**ROLSCREEN COMPANY, Dept. C-28, Pella, Iowa**  
Without obligation, send me "PELLA CASEMENT Installation Instructions in Full Size Casement Details No. 1050M."

NAME \_\_\_\_\_

FIRM \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

PELLA CASEMENTS • ROLSCREENS • VENETIAN BLINDS



## Sell Your Unseller

By R. V. Winters

President, National Plan Service, Inc.  
Chicago, Ill.

The other day I was having lunch with a salesman of one of the larger concerns in the building materials field, and some of his remarks have remained in my memory. I think it worth while passing on to you some of the things he said. His company has recently come out with a new line, which they advertised well in national and trade publications, and he had told me he had been making very satisfactory



R. V. Winters

sales. This prompted me to ask: "What do you believe to be the greatest handicap in creating an increasing demand and acceptance of your product?"

His reply surprised me. "The Un-seller! You'll find him in almost every retail lumber yard. He really is a problem."

"You mean the inefficient, uninformed and indifferent man at the front counter?"

"Unfortunately, the answer to that one is 'no.' The unseller is frequently a good man, eager to make a sale, ambitious and anxious to make good. He has the interest of his company at heart, and has the makings of a top man."

"Why then is he placed in your classification of an unseller?"

"Because he has no opportunity of learning anything except across the counter up front. The boss likes and respects him, but has no time to spend with him. Business is good—everybody is busy. The salesman comes along and sells the boss or buyer an order—the goods are received—go into stock—and about all the unseller knows is that another shipment of 'some new gadget' is cluttering up the warehouse or yard."

"I don't quite follow you," I said. "You mean that the unseller knows that this gadget is in stock, and does not try to sell it?"

"It's even more than that. Remember that for some time he has been selling similar material and has become familiar with the old line. Comes in the new and better line, he unconsciously resents it, as he knows nothing about it. So frequently when the customer needs such material, or even when the new material is asked

for, the unseller voices a doubt as to the good qualities of the new line, and tells of his experience with customers who have been well pleased with the old. He actually unseals the customer on the better line, and is proud of his salesmanship."

"Well, it looks to me like the boss should fire the unseller," I commented.

"No," replied my salesman friend—"It looks to me like the unseller should fire the boss."

Naturally I accepted this as a piece of humor, and laughed accordingly.

"No, that's no joke," insisted the salesman. "That unseller has just got to be sold. That's my job—the job of the salesman, but the boss interferes. When I make an initial sale, I always ask if I can discuss the line with the staff who do the selling. The boss nearly always these days insists they are too busy for me to take up his men's time. I ask him to let me meet with them after closing time, but he says they are all too tired to come back. He admits I have sold *him*, and feels that I should be satisfied without bothering him further. So the boss, who seldom sells anything himself, is sold on my line, but his men know nothing about what the boss has bought for them to sell over the counter. So the unseller remains an unseller, and my line frequently slips on his shelves."

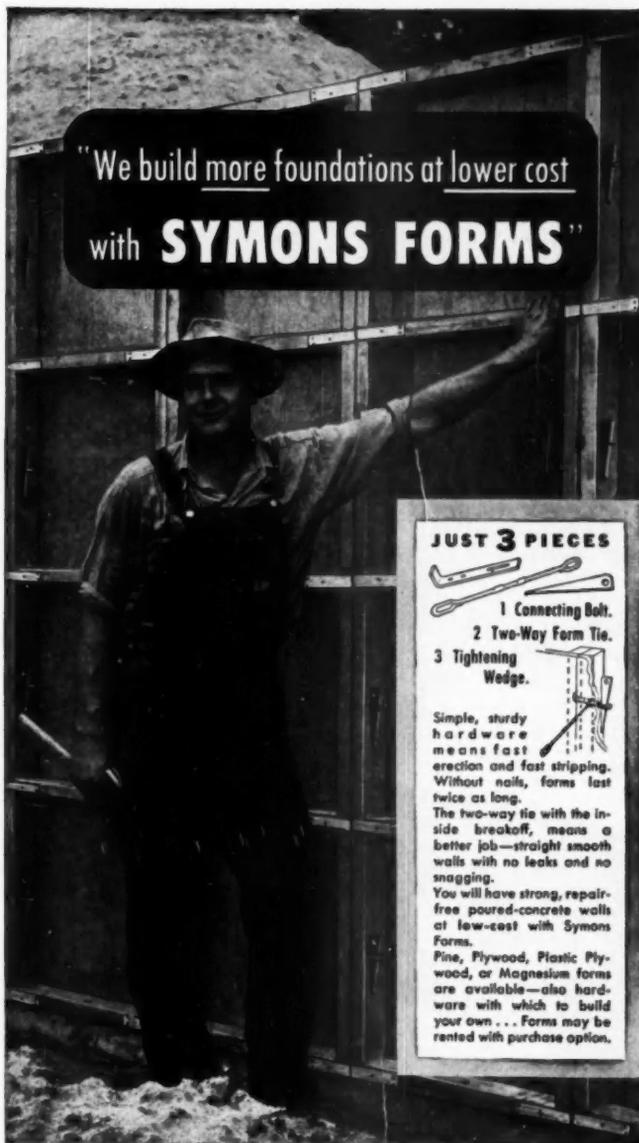
"What's your solution of this one?" I asked.

My friend shook his head. "I don't know, unless we can drive home the idea of having the boss sell his unsealers. It would be money in his pocket if he did. The unsealers are good salesmen, but they are not kept abreast of the new materials their boss is buying. Of course, the training schools held at the colleges over the country have helped hundreds, but there are still thousands of unsealers who have not been able to attend these schools, and who could be made into money-making salesmen if their bosses would only insist on the traveling salesman selling the unsealers after they have sold the boss."

Since this conversation with my friend, I have been thinking a good deal of what he had to say. I applied it to my own business. How have the unsealers influenced the use of the lumber dealers merchandising services I represent?

A couple of years ago we designed a very attractive and practical home known as the "Certigrade National Home." The Red Cedar Shingle Bureau of Seattle made it the feature of a national advertising campaign. This home appealed to their organi-

(Continued on page 262)



"We build more foundations at lower cost  
with **SYMONS FORMS**"

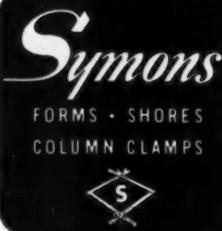
**JUST 3 PIECES**



- 1 Connecting Bolt.
- 2 Two-Way Form Tie.
- 3 Tightening Wedge.

Simple, sturdy hardware means fast erection and fast stripping. Without nails, forms last twice as long. The two-way tie with the inside breakout, means a better job—straight smooth walls with no leaks and no snagging. You will have strong, repair-free poured-concrete walls at low-cost with Symons Forms. Pine, Plywood, Plastic Plywood, or Magnesium forms are available—also hardware with which to build your own... Forms may be rented with purchase option.

See Our Catalog In Sweet's File Builders and Sweet's File Engineering



**SYMONS CLAMP & MFG. CO.**  
4261 West Diversy Avenue, Chicago 39, Illinois

Please send me the items checked:

Information regarding Symons Panel Forms  
 Catalog and Prices     Construction details     Samples  
 Layout and estimate (our plans being sent under separate cover)

Information regarding other Symons Products  
 Column Clamps     Bar Ties and Tie Chairs  
 Safety Shores     Scaffolding

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

# 3-Speed Milwaukee 1/2" Drill Cuts Costs for Contractors

**Exclusive Milwaukee HOLE-SHOOTER combines straight and right-angle drilling... wonder-tool for close quarters**

Used by Building Contractors everywhere, this Milwaukee 1/2" HOLE-SHOOTER... America's only 3-speed Right-Angle drill... has demonstrated its unmatched time-saving performance on thousands of jobs. Most powerful drill built, of its size and 9 lb. weight. Ball and roller-bearing equipped for extra-long service life.

You'll be amazed at its versatility — unit-built for quick change to suitable speeds for drilling in wood, metal, masonry, concrete, tile. Uses wood bits up to 3" ... also carbide-tipped drills.



Head swivels full 360°. Locks in any position.  
S-412 Drill with "2-speed Right-Angle Drive"..... \$69.00

For straight drilling, S-412 1/2" HOLE-SHOOTER (above) has a chuck speed of 450 R.P.M. With the 2-speed "Right-Angle Drive" attachment, speeds are 300 R.P.M. or 675 R.P.M.



3 flats specially machined on shanks of these bits to fit Jacobs 3-jaw chuck.

**Other bits available also** — See assortment at left. We can supply you with any size wood-boring bits up to 3". Write us.

**Complete S-412 Tri-Speed Kit Contains**

- 1 — S-412 1/2" HOLE-SHOOTER, Jacobs geared chuck.
- 2 — \*Two-speed "Right-Angle Drive" attachment.
- 3 — 3 special bits — 3/4", 1 1/8", 2 1/8".
- 4 — Special wrench.

\*Pat. Pending

**Complete S-412**

**KIT... \$87.00**



Call your distributor today, or write us and give his name.

**MILWAUKEE ELECTRIC TOOL CORP.**

Makers of portable electric drills, saws, hammers, grinders, sanders, and accessories.

5356 W. STATE STREET • MILWAUKEE 8, WIS.

## Sell Your Unseller

(Continued from page 261)

zation as its walls and roof were of cedar shingles. They also realized that by showing a complete, attractive home, thereby stimulating home ownership or modernization, they would automatically create an enlarged market for their product—shingles.

In all advertising the reader was told that blueprint plans could be secured through any retail lumber dealer, at a nominal price—the dealer to get the plans from our organization. That this campaign was a success is attested by the fact that more than 10,000 homes of this design have been built. The Certigrade National Home can be seen in nearly every community in the country, and I know that many more thousands of this home would have been built if it had not been for the unsellers.

Our files are filled with letters from people who have asked their dealers about plans for the Certigrade National Home, and who were told by the unsellers that they did not know of this campaign. Prospective home builders have written us that they have called on such and such a dealer and were told that the yard had never heard of National Plan Service, when believe it or not, that same such and such dealer had received full information on the Certigrade national campaign, and was even a regular distributor of our calendar and plan book service. Good customers of ours, with unsellers muffing the ball because the boss was too busy to keep them informed of what was doing up top.

Yes, I think my friend has the answer—*Sell Your Unsellers!* When you give an order to the salesman who calls on you, or you receive information concerning a new service, ask yourself the question—"Does my staff know all that is necessary to know about this material or these services?" If not, have the salesman educate your salesmen and unsellers so they may more intelligently and efficiently serve you and your customers. More group meetings in the evenings would help you and the industry. I suggest that we all join together to *Sell Your Unseller*.

## From our Book Dept.

**Stair Builder's Guide**, by Morris Williams. \$3.00—A treatise on the construction of straight flight, platform, cylindrical and elliptical stairs, explaining both theory and practice. Profusely illustrated.

AMERICAN BUILDER

# POUR CONCRETE PIERS and COLUMNS

FASTER, CHEAPER, BETTER

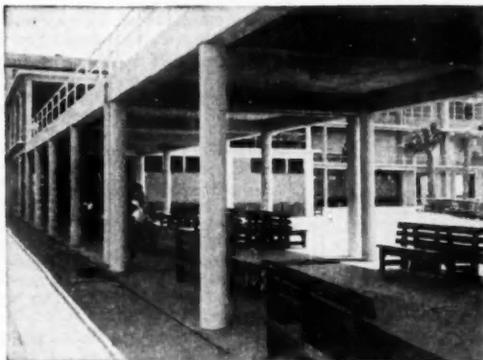
with  
**Sonotubes**

LAMINATED  
FIBRE FORMS

FOR ONE-TIME USE  
3" to 24" I. D. up to 25' long



REQUIRE MINIMUM BRACING



PROVIDE PERFECT FINISHED COLUMNS

Easy to set up, align and brace—SONOTUBES provide a fast, cheap method of forming concrete piers and columns. They are for one-time use and can be left on or easily stripped off. Reinforcing beams or braces can be set in before pouring or placed in position after pouring.

SONOTUBES save hours of costly labor—eliminate expensive lumber and permanent forms.

Write for complete information and prices.



**SONOCO PRODUCTS COMPANY**

HARTSVILLE S. C. PHILADELPHIA, PA.  
GARWOOD, N. J. MYSTIC, CONN. LOWELL, MASS.

Hang 3 to 4 Doors  
**an HOUR!**

with this NEW



**HINGE BUTT  
TEMPLET**



only  
**\$34.50**

- **QUICK**...mortises for hinge butts in 4 minutes or less
- **ACCURATE**...exact alignment—no variation
- **EASY**...simple to adjust—easy to mount!

Builders! Here's the sensationally low-priced Guild Hinge Butt Templet that eliminates tedious measuring and hand-chiseling . . . assures you the right depth at the right location . . . true alignment of door and jamb butts on every job!

This new Templet is easy to use—practically error-proof. To get an exact fitting on any door or jamb up to 8 feet high, you merely set the depth and length of cut on the templet—"tee-in" the fastening pins—slip on your Guild Router and zip!—top and bottom mortises in 8 minutes or less!

That's a door and a jamb approximately every 16 minutes—more than 20 doors a day—with time out for an occasional smoke! Just think—you can fit and hang all the doors for an average house in one day!

See the Guild Hinge Butt Templet at your dealer. And if you don't already own a Guild Router, ask him to show you one of these handy tools, too . . .

#### GUILD ROUTER

In addition to hinge butt mortising, does cut-outs, scrolls and relief work. Rabbits, dados, cuts beaded edges. Equipped with calibrated depth dial and 20,000 RPM motor.



- See your dealer for more information on either or both of these labor-saving Guild Tools— or write:

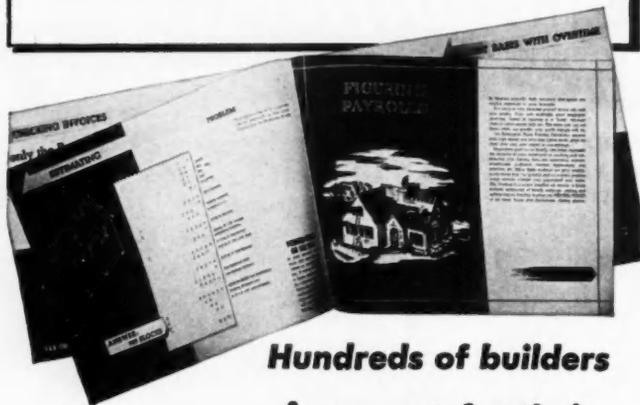
Cut butts for 2 1/2" to 8 1/2" hinges

**PORTER-CABLE MACHINE CO.**

7004-1 N. SALINA ST. SYRACUSE 8, N. Y.

## THE NEW, FREE BOOKLET EVERY HOME BUILDER WILL WANT

-helps you build homes for LESS by saving on figuring costs the Printing Calculator way!



**Hundreds of builders  
have sent for their  
free copies — GET YOURS NOW!**

When you estimate a job, do you laboriously cover sheets of paper with figures—figures that have to be checked... re-checked before you can be sure you're right?

Well, sir, all that's a thing of the past, as you'll see from Remington Rand's new publication "Blueprint for Figure-Fact Efficiency." It's a concise, graphic presentation of how to streamline your Estimating, Payroll work, Cost checking and many other phases of your business

where minutes spent on obsolete figuring methods are dollars down the drain.

You'll discover how the famous *Printing Calculator*, with its faster 10 key keyboard and its automatic division, direct multiplication... lightning-quick addition and subtraction... its constant visual check by *Printed Proof on the Tape*—eliminates figure drudgery... boosts your paper-work efficiency and cuts costs way down. Send the coupon today for your FREE copy.

## Remington Rand

PRINTING CALCULATOR

The ONLY calculating machine that PROVES as it FIGURES



Remington Rand, Business Machines & Supplies Div.,  
Room 2047, 315 Fourth Avenue, New York 10.

Please send me a FREE copy of "Blueprint for Figure-Fact Efficiency"—the booklet that shows how to CUT COSTS the Printing Calculator way.

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

Remington Rand Inc.

## An Open Letter

### University Head's Plan for Drafting Youths, 18, Scored as Socialistic

Denver, Colorado  
February 8, 1951

Chancellor Albert C. Jacobs  
Denver University  
Denver, Colorado

Dear Chancellor Jacobs:

Has Denver University's Chancellor capitulated to the "Fair Deal" planners? His plan for conscription of 18-year-olds in view of his inspired inaugural address of 14 months ago would indicate that he has.

In his report to the faculty members, Mr. Jacobs says all 18-year-olds should be:

- 1.—Placed in military service.
- 2.—Be given training in higher education or in technical duties,  
or
- 3.—Used for other services where they best can serve the country.

The Chancellor declared there would no longer be any 4-Fs.

Some, under the Jacobs' plan would be drafted into the universities. These are the intellectuals. Others would go to trade and technical schools. Presumably all would receive pay and tuition fees out of tax money.

Those not qualified to continue education, and who in the testing, are found peculiarly adapted for military service, would immediately be given military training. These are the modern "Uriahs." They are the ones to be exposed to front line fire.

No one escapes conscription under the plan—the residue, after the intellectuals, the technicians, and the fighters have been screened out, the common clay are compelled to work for the government at any job, anywhere the government chooses to use them. This is not exactly free enterprise!

"Under the Jacobs' conscription plan college and university testing services would be used to help Selective Service make the survey." The professors would determine who was intelligent and who not. One wonders how many Edisons and Carnegies would be sent to the front under such a scheme of selection and conscription.

"Freedom of judgement," says Mr. Jacobs, "must not be left to the individual who, as a patriotic American, would be led in most cases to choose the course of taking up arms—in every war, America has lost numbers of young men whom the nation should have had as civilian leaders when the crisis was past."

Since when did a crisis pass in the United States? We have had one crisis for the last nearly twenty years. First under the "new deal" and now under the "fair deal." Now we are on notice

of a continuing crisis in the years to come!

Why should anyone who wants to fight at the front be restrained from doing it on intellectual grounds, and another, who doesn't want to fight, be drafted to do his fighting for him? Which individual shows the most intelligence—the one who hankers to be shot at or the one who would rather live? That of course would be a matter for university professors to decide under the Jacobs' proposed plan!

In his inaugural address Chancellor Jacobs expressed one central thought, partially expressed in these challenging excerpts from his speech:

"Denver University stands at the crossroads of opportunity and responsibility—the independent school as the rugged pioneer on these frontiers.

"By its very divorcement from government as well as by its inherent purpose, it is an institution best qualified to preserve our sphere of liberty from incessant government encroachment.

"At a strategic point in the United States, and certainly in Denver is an important one, independent universities, free from political affiliations, must serve as testing laboratories, as guiding beacons in search for truth."

These words descended like refreshing rain on the parched desert of bureaucracy and governmental encroachment on private business and the sacred rights of the individual.

Denver University expanded its facilities to accommodate veterans of World War II, trainees of the government. If freedom of choice and action is preserved to the individual the University is greatly over-expanded. An economic crisis confronts the University unless a generous public comes to its support, as well it should.

Under the Jacobs' conscription plan the economic problem of the Denver University would be solved temporarily at least, it could be crowded to the rafters with conscripted students. Another big university expansion program may well be expected and a continuing crisis needed to support it. In this manner the university loses its academic freedom and becomes the pawn and agent of an all-powerful state. God forbid it!

Bureaucracy in government expands in the same manner. There is never any retrenchment, always expansion. New emergencies can always be dreamed up to extend the crisis.

If the American people do not soon awaken to the dangers ahead there will never be a third world "hot" war. Joe Stalin can sit on the sidelines and observe the United States grow seductively and surreptitiously into a pattern of government, so close to his own, that "fellow travelers" will fit into it and not be observed.

Respectfully yours,  
Gordon M. Tamblyn  
Builders' Service Organization

APRIL 1951

# PAINÉ HANGING and FASTENING DEVICES

## OFFER 3-WAY ADVANTAGES FOR YOU

**Known for QUALITY and VERSATILITY**

Paine Devices just can't pull loose so it's only natural they have become known and respected around the trade. Their many uses make them a must on every job.



Fig. 123



Fig. 950



Fig. 850

**Clearly marked packages for QUICK HANDLING**



The convenient package sizes and distinct markings make Paine products easy to handle. You'll spend less time hunting for products and more time making sales.



Fig. 900

SUPPLY DISPLAY



Fig. 375



Fig. 910



Fig. 600



Fig. 610



Fig. 365

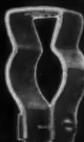


Fig. 445

**Self-Selling MERCHANDISER**

Make use of these convenient display merchandisers and watch your impulse sales climb. They take up little room on your counter yet are a big addition to your selling efforts.



**The PAINE CO.** 2959 Carroll Ave., Chicago 12, Ill.

Offices in Principal Cities

The Best Craftsmen Always Take **PAINE'S**

# VMP

VIRGINIA METAL PRODUCTS



## FRAMES

One Piece Welded Assembly. Frames for all types of wall construction—including dry-wall.



## DOORS

Welded, smooth, flush construction—single acting, double acting, and pairs.



## BI-PASS

Sliding steel closet door and frame units—Low cost open back and quality flush back insulated doors.



## FIRE DOOR

And frame units. Underwriters "B" label and NYBSA Certified.

Full technical information in VMP Arch. & Bldg. Manual. Send for your personal copy.



## VIRGINIA METAL PRODUCTS

Product Information Dept.  
66 Hudson Street, New York 13, N. Y.

Please send me information on:

DOORS & FRAMES  BI-PASS UNITS

Also information on other VMP products

MOBILWALLS  BOOKSTACK EQUIP.

Name

Company

Street and Number

City  Zone  State

## Avoid 'War' Sales Attitude, Kitchen Dealers Warned

"The public will not tolerate the 'Don't you know there's a war on' attitude which is cropping up again on sales floors in many places," F. F. Duggan, general sales manager of the American Central Division of Avco Manufacturing Corp., told distributors attending a recent regional sales conference at the Sheraton Hotel, Chicago.



Duggan

The meeting was the first in a nation-wide tour of 16 key cities. Duggan and his staff are making to confer with dealers and distributors.

"The salesman and his company," Duggan said, "for their best interest as well as for the national morale, must avoid the mistreatment of the public that occurred as a result of the 'don't you know there's a war on' attitude during and after the last war.

"We think that now is a good time to remind our entire sales organization, from factory to dealer, that the companies and sales people who cling to high standards of courtesy, tact and fairness, come-what-may, will prosper most from consumer good will in the future."

He pointed, as evidence of the firm's intention to "keep selling," to the 1951 advertising and sales promotion budget, the largest in the company's history.

Shown at the conference for the first time was the company's new "Mrs. America" packaged kitchen consisting of a 54-inch deluxe sink, and base and wall cabinets, designed to serve as a "starter" for a variety of kitchen arrangements or as a complete installation. It will be sold at a price no higher than many individual appliances, according to Duggan.



INTRODUCED at Chicago sales meeting was American Kitchens' "Mrs. America," designed as a starter or complete kitchen

## A FIRM PLASTER BOND for Concrete Drywall Brick Tile Painted Surfaces

A 5-room drywall house can be taped to the stage for plastering with NU-WALL in 6 to 7 hours.

Two plasterers can complete the entire house in under 17 man hours.



NU-WALL being applied directly to poured concrete column. Approximately 250 to 300 yards of NU-WALL was applied per man each day. 1/8" plaster finish is all that was used to complete job.

**NU-WALL**  
PERMANENT  
bonding plaster  
Reg. U.S. Pat. Off.

Easily applied NU-WALL is a permanent bonding plaster that remains flexible but firm with almost no tendency to crack or craze. Placed directly on painted surfaces, drywall, concrete, brick or tile, no wire lath or other base coat is needed.

Applied about 1/8" thick, NU-WALL is an ideal bond coat ready for any preferred plaster finish, or it can be used as a texture finish coat ready for painting or spraying.

NU-WALL saves you time. Nu-Wall saves you money. We will be happy to send complete case history information.

Some Territories Still Available For Distributors  
Write Today

# NU-WALL MFG. CO.

923 North 19th Street,  
Milwaukee 3, Wisc.

(Dept. A.B.)

AMERICAN BUILDER

# HERE'S THE SYSTEM THAT MAKES REMODELING Painless!

"Sales resistance melter"—"door opener"—  
"profit producer"—these are some of the names which  
builders are calling the Nu-Wood and Balsam-Wool  
System. They've found that remodeling jobs are amazingly  
easy to close when they put this system to work ...



**SEE HOW SIMPLE IT IS:** First you suggest remodeling an old room—or building a new one in unfinished space—with Nu-Wood Lok-Panels, Tile and Plank. Then you show the homeowner how Balsam-Wool sealed insulation applied in the uninsulated attic, can save enough in fuel bills to *pay for itself and the new room, too*. As additional clinchers, you explain how Nu-Wood goes up without muss or fuss—adds extra insulation—needs no painting or decorating—makes remodeling really painless. We'd like to give you all the facts about this remarkable "success" story. Just mail the coupon!

One bedroom, now two! That's good news for any homeowner, and you can make the transformation easily with the Nu-Wood and Balsam-Wool System.



Products of  
Weyerhaeuser

REG. U. S.  
PAT. OFF.



Wood Conversion Company  
Dept. 119-41, First National Bank Bldg.  
St. Paul 1, Minnesota

Please send me information about the Nu-Wood  
and Balsam-Wool System, and detailed hints on  
making 2 rooms out of 1.

Name.....

Address.....

City.....State.....



"That house is  
really weather-tight—  
it's weathersealed with

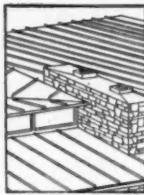
## **FOLLANSBEE TERNE METAL"**

Weathersealing with Follansbee Seamless Terne Metal is positive and long-lasting—somewhat like an insurance policy against rain and high winds. In fact, many homes and other types of buildings have Follansbee Terne Roofs that have given trouble-free service for more than a half-century.

But roofing is only one of the uses for Follansbee Seamless Terne Metal. This durable, time-tried material is particularly well suited for flashings, copings, ridges—for gutters, valleys, spouting.

Every building needs metal for weathersealing regardless of the type of construction. And terne metal is so readily accepted by architects and engineers that you can include Follansbee Seamless Terne Metal in your bids on new construction or repairs.

Be sure to call in your sheet metal contractor whenever you have a roofing or weathersealing problem. He'll tell you all about the advantages of Follansbee Seamless Terne Metal. And, from time to time, we'll have other information you'll want in your files—just write Seamless Terne Dept., Follansbee Steel Corporation and we'll see that it's sent you.



## **FOLLANSBEE STEEL CORPORATION**

GENERAL OFFICES, PITTSBURGH 30, PA.

COLD ROLLED STRIP • POLISHED BLUE SHEETS • SEAMLESS TERNE ROLL ROOFING



Sales Offices—New York, Philadelphia, Rochester, Cleveland, Detroit, Milwaukee. Sales Agents—Chicago, Indianapolis, St. Louis, Kansas City, Nashville, Houston, Los Angeles, San Francisco, Seattle; Toronto and Montreal, Canada.

Plants—Follansbee, W. Va.

FOLLANSBEE METAL WAREHOUSES

Pittsburgh, Pa.

Rochester, N. Y.

Fairfield, Conn.

### **Lewis Brown Dies; Was Top Johns-Manville Executive**

Lewis H. Brown, chairman of the board and chief executive officer of Johns-Manville Corp., died February 26 after a heart attack in Delray, Fla. He was 57.

Mr. Brown was also chairman of the board of Canadian-Johns-Manville Co., Ltd., and the Johns-Manville International Corp. He was a director of the American Telephone and Telegraph Co. and the Federal Reserve Bank of New York.

A native of Creston, Iowa, Mr. Brown served as an Infantry captain in World War I.

He leaves his widow, the former Mary A. Allen, and three daughters, Mrs. Edward Townsend, Mrs. William Homer Sweney and Mrs. Charles E. B. Griggs.

### **Research Homes Feature New Plan Book**

A new plan book, "Research Designed Homes," based on practical application of construction principles and improved building techniques suggested by architectural research in home design recently completed by the Small Homes Council of the University of Illinois, has been published by National Plan Service of Chicago.

The 18-month project, carried out under a research grant by the Lumber Dealers Research Council, was designed to develop, through "unit planning," house plans which permit standardized construction and yet avoid a "mass-produced" look in the finished homes. Results have been announced in national press releases from the Small Homes Council.

Blueprint plans for all the designs shown in the book will be made available to retail lumber dealers by the plan service, in accordance with its dealer distribution policy.

Unit plans in the publication are so illustrated that they can be cut out by prospective home buyers and adapted to fit individual requirements. Although new, modern house designs are emphasized, conventional types are also included.

Information about the plan book can be obtained from National Plan Service, 1315 Congress St., Chicago, 7, Ill.

### **"Where To Buy" Directory Issued By Lumbermen**

The West Coast Lumbermen's Association has announced the publication of its January 1, 1951 "Where To Buy" guide.

This directory of members of the association is designed to aid buyers of Douglas fir, West Coast hemlock, Sitka spruce and Western red cedar.

AMERICAN BUILDER

Detailed information is given on sawmills, manufacturing plants, timber fabricators, a wood pipe and tank manufacturer and wood treating plants in the Douglas fir region of Western Washington, Oregon and Northern California.

New member mills total 66 since the 1950 edition and their listing along with membership changes will give the lumber buyers the latest information on mill locations, officials and sales offices, facilities and products manufactured. Copies of the guide are available by writing the West Coast Lumbermen's Association 1410 S. W. Morrison St., Portland 5, Ore.

### Rotating Water Sprayer Reported Good Roof Cooler

Roof temperatures that soar as high as 150 degrees F. under a blazing summer sun can be cooled down to 100 degrees by use of a rotating water sprayer.

This was reported by G. E. Sutton, assistant in research, mechanical engineering department, Engineering and Experiment Station, University of Florida, at the 57th annual meeting of the American Society of Heating and Ventilating Engineers in Philadelphia.

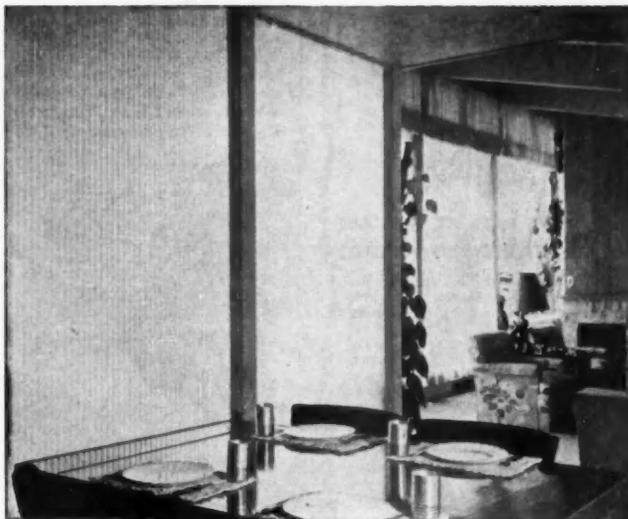
Sutton said the solar radiation on a horizontal surface in his state may be as much as 2,300 B.t.u.'s per square foot of surface in one day. This is nearly the heat equivalent of one horsepower-hour, or about two-thirds of the equivalent of one kilowatt-hour.

Since temperatures are lower and comfort conditions better within a space below a sprayed roof, Sutton said the installation of sprays on air-conditioned buildings will reduce the required refrigeration capacity and thus effect a saving in the cost of materials and insulation.

### Nation's Forest Situation Discussed

Timely facts about the forest situation in the United States are presented in a new book, "The Nation's Wood Supply," published by the American Forest Products Industries, Inc., 1319 Eighteenth St., N. W. Washington 6, D.C.

At a time when many Americans are asking if forests in the United States, after 300 years of production, are capable of meeting unprecedented military and civilian needs, this book has added significance. It is a concise, pictorial presentation of statistics made available by industry, and by federal, state and private agen-



This light-passing wall of Blue Ridge Satin® Patterned Glass separates dining alcove and entrance hall . . . adds distinctive beauty to this home. Architects: Garson T. Hirsch and R. H. Rosenberg, New York

## TRY THIS TO SELL HOUSES ... FASTER

Here's an effective way to make your house stand out . . . to add an extra look of luxury, quality, richness, value. Use walls or partitions of beautiful Blue Ridge *Patterned Glass* to separate some of the living areas in each of your homes.

That way you can give rooms privacy without the darkening effect of ordinary opaque partitions. No one can see through these walls of glass but light can move easily from one room to another.

You can use that idea a hundred ways. A distinctive panel beside the front door . . . or in the door itself. A beautiful wall between kitchen and alcove . . . between entrance hall and living room.

This wonderful glass saves plastering and painting. It decorates both rooms at once. And its beauty never dims. A swish of a damp cloth keeps it sparkling clean.

A partition of patterned glass is a mighty salable idea. In your present plans, there are probably plenty of places where this feature can be substituted for ordinary, uninteresting walls. You can choose from over 20 beautiful Blue Ridge Patterns. Call your L-O-F Glass Distributor for complete details. And mail the coupon below for our illustrated book. ®



Blue Ridge Sales Division, Libbey-Owens-Ford Glass Company  
8-141 Nicholas Building, Toledo 2, Ohio  
Please send me my copy of "New Adventures in Decorating"

NAME \_\_\_\_\_ (PLEASE PRINT)

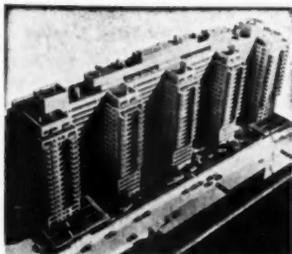
ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_



FOR SOFT, DIFFUSED LIGHT • SMART DECORATION • COMPLETE PRIVACY





ARCHITECT'S conception of "Manhattan House," new 582-unit New York apartment

### Big Apartment Building Uses Roper Ranges

"Manhattan House," a 582-apartment building being constructed for rental by the New York Life Insurance Co. in New York City, will use Roper gas ranges as standard kitchen equipment, it has been announced by S. H. Hobson, president of the Geo. D. Roper Co., manufacturers, and Charles E. Lane, Jr., resident manager for New York Life.

Apartments in the twenty-story building which covers an entire block contain from two to seven rooms. It will be entirely owned and operated by the insurance company. Ranges to be used are Model 10-7306 40-inch Ropers, Model 10-3402 38-inch Ropers and Model 10-600-inch "Rangette type" units. The manufacturers said that on a large percentage of the ranges, specifications include special features such as "Center-Simmer" top burners and infra-red "Roper-Glo" broilers.



DRAWING of one of apartment kitchens, with one of 582 Roper ranges installed

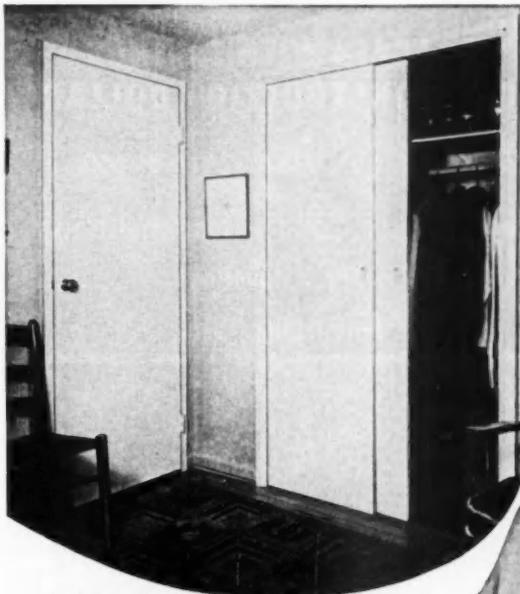
### FROM OUR BOOK DEPT.

**HOME BUILDERS MANUAL**—The Home Builders Manual is designed to provide the prospective home builder with competent advice, a general idea of the special features of homes designed for modern living, and complete sets of open specifications, material lists and property records. The loose-leaf binder permits the addition of material of special interest to the prospective home builder.

Included is American Builder's "Blueprint Plans" book offering a choice selection of home designs.

1950. 3rd. 270 pages, 150 illus., 9 1/2 x 11 1/2, 3-ring canvas binder, \$5.00

APRIL 1951



YESTERDAY...

TODAY and...

TOMORROW...

**AMWELD**  
STEEL DOORS AND FRAMES  
SLIDING CLOSET DOOR UNITS  
THE FAVORITE OF HOMEMAKERS AND BUILDERS

....And the reasons — they cut building costs, provide lasting beauty with trouble-free service, meet today's construction standards, blend with all types of construction, and require less installation time.

#### K-D UNITS, TOO!

Sliding Closet Door Units are also available in packaged, knocked-down form, complete with header, jambs, track and hardware. Suitable for new construction and particularly adaptable for remodeling.



Building Products Division

**THE AMERICAN WELDING & MANUFACTURING CO.**

360 DIETZ ROAD • WARREN, OHIO



**FIRST\* AGAIN WITH SAVINGS  
ON YOUR CONSTRUCTION DOLLAR**

*Pittsburgh Corning announces*  
the new Clean Easy "55" line functional blocks  
—simplify installation  
—cut fenestration costs



Now—when every hour, every dollar saved is a vital contribution to all-out mobilization—Pittsburgh Corning offers you a new way to reduce the cost of functional Glass Block fenestration.

A revolutionary new finish, applied to the surface of PC Functional Glass Blocks during manufacture, repels water, pre-

vents splashes of mortar from sticking to the block, prevents accumulation of installation scum. Therefore, finished panels can be cleaned much more quickly and easily, without excessive scraping, scrubbing, or the use of strong solvents.

This new development—proved by months of testing under the most strenuous service conditions—follows closely Pittsburgh Corning's introduction of brightly colored markings and "finger-fee!" ridges to assure correct positioning of blocks. These practical improvements are saving all-important time and money on the installation of PC Glass Block functional fenestration.

When you are facing problems that concern making the most effective and economical use of natural daylighting, our specialists will be glad to consult with you. Just write to Pittsburgh Corning Corporation, SB-41, 307 Fourth Avenue, Pittsburgh 22, Pennsylvania.

**\*OTHER PC FIRSTS**

- 1931—Clean Easy face coating for reduced construction cost.
- 1950—"55" line functional patterns with brightly colored markings and "finger-fee!" ridges for correct positioning.
- 1948—The Soft-Lite! Edge for optimum visual comfort.
- 1948—Orientation-keyed Prism Block design for automatic daylight control.
- 1941—Vog Block design for look-out vision panels.
- 1939—Double cavity patterns for extra insulation and diffusion.
- 1937—All-glass seal for structural reliability.

U. S. PAT. REG. APPLIED FOR.



**GLASS BLOCKS**

*The mark of a modern building*

Distributed by Pittsburgh Plate Glass Company; by W. P. Fuller & Co. on the Pacific Coast; and by Hobbs Glass Ltd. in Canada

**Southern Research Group  
To Study Building Codes**

The Southern Research Institute, Birmingham, Ala., has been designated a research facility for the Southern Building Code Congress "in recognition of outstanding results achieved for sponsors in developing and upgrading a wide variety of building materials produced in the South."

Announcement of the research group's selection was made by James W. Morgan, Birmingham, president of the Code Congress, which was organized for the more general adoption of modern performance codes in thirteen Southern states. Other laboratories designated for research by the Congress were the National Bureau of Standards, Washington, D.C.; the Underwriters' Laboratories, Chicago; and the Southwest Research Institute, San Antonio, Tex.

Construction research was begun at the Institute five years ago and now has more than 20 sponsors. Current projects include determination of strength, durability, insulating and fire resistant qualities of such materials as concrete block, roofing and wallboard, metal laths, finish lime, outdoor and indoor paint and pipe insulation.

**In New or Old Work,  
Masonite Panelwood  
is Easy to Install**

Increasing use of Masonite Panelwood for dry walls in new construction and remodeling has prompted the manufacturer, Masonite Corporation, to review for builders the correct technique for its installation. Available in thicknesses of 1/4 and 3/8 inches, the lightweight but rigid panels come in widths of four feet and lengths to 12 feet.

Approximately 18 to 24 hours before they are to be installed, the panels should be stood singly around the room in which they are to be used. In new construction, the panels may be applied over wood studs, joists or other framing not over 12 to 16 inches on centers. To provide bearing for end joints, 2x4-inch headers should be inserted, since all edges must be supported. Headers should be installed back of chair rails and all other similar trim. For this purpose, the builder is advised to use only straight lumber of uniform thickness.

**Nailing Instructions**

Masonite Panelwood is applied with the long dimension parallel to

the supports. Boards are brought to moderate contact at sides, top and bottom, but the company warns that boards should not be forced into place.

Nailing instructions are given as follows:

"Beginning at or near the center of the panel, drive nails perpendicular to the surface, approximately six inches apart on intermediate supports and four inches apart around edges. Do not toe-nail. Finishing or casing head nails may be used. They should be long enough to penetrate into the nailing base at least one inch.

"Where the Panelwood is to be left in its natural brown color, copper-coated nails may be driven flush with the surface, but bright nails must be slightly counter-sunk and filled over. Where the boards are to be painted, all nails should be counter-sunk slightly and nail holes should be filled with putty or a similar material to form a smooth, unbroken surface."

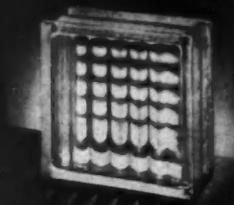
If the joints are to be covered, a moulding made of wood, Presdwood or metal is used, secured with nails or fasteners. If the joints are to be left exposed, edges of the boards are slightly beveled to form a V-joint. Square edges are never butted together in an attempt to obtain an unbroken wall surface.

To cover unsightly cracked plaster walls, the company recommends that Panelwood be applied over the cleaned, smoothed, solid plaster backing with waterproof adhesive. The plaster is to be tight, level and smooth—patched if necessary. All loose paint, calcimine or other foreign matter should be removed.

"Spread the adhesive evenly over the entire back or screen surface of the board with a saw tooth trowel, bringing it close to all edges and any openings cut in the panel," the company suggests. "Utmost care should be taken to prevent the adhesive from squeezing through the joints or getting on the surface of the finished board. Never apply adhesive until the board has been carefully fitted and ready to install.

"Immediately after spreading the adhesive, the craftsman places the board in position, pressing it firmly in place and tapping the entire surface. Braces then are placed against the board until the adhesive sets, a process usually completed overnight. Where necessary, nails may be used to support the board until the cement sets, after which the nails are removed unless counter-sunk." Masonry walls should be furred with 1x2-inch strips shimmed to a true level plane to receive Panelwood.

# Now... you can save time and money on the job . . . with easily-installed PC GLASS BLOCK PANELS



• Builders everywhere are finding a real opportunity in the new, simple method for installing small panels of PC Glass Blocks (up to an area of 25 sq. ft.). For these panels not only add a distinctive touch to any style home, but also effect substantial savings in installation time and in labor and material costs. Fact is, the glass blocks, mortar, asphalt emulsion and regular bricklaying tools are all you need. There are no wall ties, wall anchors or expansion strips required.

PC Glass Block panels admit floods of natural daylight, yet they afford complete privacy. They have more than twice the insulating value of single-glazed windows, so they reduce heating and air-conditioning expense. They seldom need repairs or replacements; periodic painting and puttying are eliminated, and storm sash is not necessary.

These are benefits for yourself and customers that you cannot afford to pass up. Include panels of PC Glass Blocks in your new homes, as well as in your remodeling work. And, fill in and return the coupon for our free booklet. It tells you all about these small, decorative panels and shows how easy it is to install them.



TWO OF THE MANY ways in which small panels of decorative PC Glass Blocks may be utilized are as garage panels and bath screens. Where panels have extreme sun exposure, or where close work is done (in den or at work bench, for example), PC Functional Glass Blocks are recommended for their softly diffused, directed daylighting.



Pittsburgh Corning Corporation  
Dept. B-41, 307 Fourth Avenue  
Pittsburgh 23, Pa.

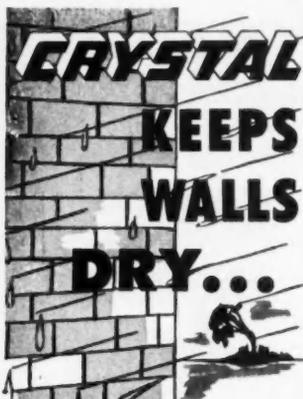
Without obligation on my part,  
please send me your FREE folder,  
"Beauty Spots for your Home."

Name.....  
Address.....  
City..... State.....

## GLASS BLOCKS

The mark of a modern building

Distributed by Pittsburgh Plate Glass Company; by W. P. Foller & Co. on the Pacific Coast, and by Hobbs Glass Ltd. in Canada



**CRYSTAL** (pat. pending) the invisible silicone masonry water repellent keeps brick, stone and concrete walls bone dry. It stops dampness dead. A single application (sprayed on quickly at low cost) keeps moisture out indefinitely yet allows your walls to breathe. Also retards staining, prevents efflorescence, protects masonry joints and safeguards interior decorating.

Little wonder **CRYSTAL**, furnishing low cost protection, is specified by leading architects, used on great building projects as well as on thousands of small homes, apartments, schools, churches, hospitals and industrial plants.

*there is no water repellent to equal **CRYSTAL**... none... none in all the world!*



Send for **CRYSTAL** New Comprehensive Manual — How to Keep Walls Dry

WURDACK CHEMICAL CO.  
4956 Fyler Ave., St. Louis 9, Mo.  
Send me your NEW comprehensive manual on Crystal.

Name \_\_\_\_\_  
Firm \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

**WURDACK** CHEMICAL COMPANY

4956 Fyler Ave. • St. Louis 9, Mo.

### Lift-Slab Building Method Proves Economic in Trinity University Construction

In the opinion of architects, engineers and contractors who used it, the new Youtz-Slick Lift-Slab building method was completely successful in its first commercial application on the construction of a \$2,000-square-foot, two-story administration building for Trinity University in San Antonio.

The new "raised slab" method, in which concrete roof and upper floor slabs are poured on the ground and then raised into place by specially-designed hydraulic lifting equipment, was developed by the Institute of Inventive Research on Essar Ranch, Texas. This is a non-profit scientific research organization affiliated with the Southwest Research Institute.

With the assistance of the Institute Texstar Corporation applied the new method on the Trinity University construction. The corporation is the first organization franchised by the Institute to license the method to construction companies and their clients.



**YOUTZ-SLICK** Lift Slab building method was successfully used in first commercial test in erection of Trinity University administration building shown during construction

Favorable comments were made concerning the method at an open forum attended by 150 construction men and sponsored by the Texstar Corporation recently at the laboratories of the Institute of Inventive Research.

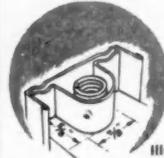
Speakers at the forum included Frank T. Drought, engineer and a consultant on the university construction; O'Neil Ford, one of the architects for the university and a consultant to the Institute on the new method; Robinson Brown, supervisor of engineering design for Southwest Research Institute which conducted much of the technological research work; John Porter, engineer for the Institute of Inventive Research; William Rhame, president of Texstar Corporation; and Dr. Harold Vagt-

(Continued on page 276)

## CHECK! CENTRAL METAL STRIP COMPANY

for the best combination  
weatherstrip sash balances  
using  
Double Hung Wood Windows  
and  
Economical Plank Frames

Write For Illustrated  
Folders



"CENCO"  
Balances

← Illustrated Folder #51

"SILENT"  
Balances



→ Illustrated Folder #53

**CENTRAL METAL STRIP CO.**  
4343 N. Western Ave. Chicago 18, Ill.

### The "Improved Handy" ASBESTOS SHINGLE CUTTER



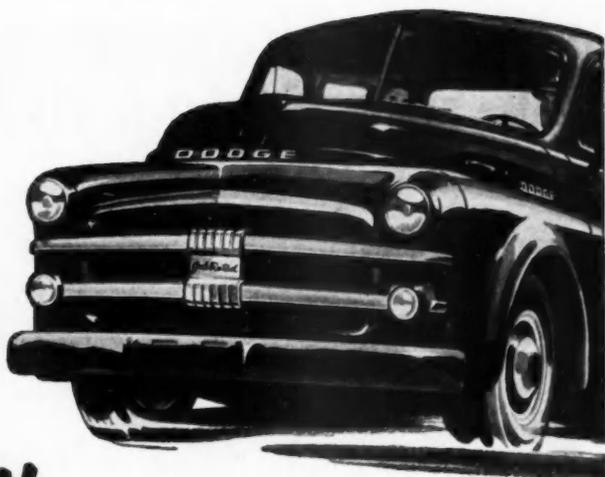
In a class by itself for efficient performance, economy and dependability.

Approved and recommended by the Asbestos Shingle Manufacturers.

**SPECIALTY TOOL  
MANUFACTURERS**

732 S. Illinois St.  
Belleville, Ill.

**"Job-Rated" for Building  
Supply Dealers**



# Brand new DODGE <sup>"Job-Rated"</sup> TRUCKS

*The trucks that do the most for you!*

**More than 50 BRAND-NEW  
improvements . . . including**

**NEW! SMOOTHER RIDE** with new, "Oriflow" shock absorbers—standard equipment on 1/2-, 3/4-, and 1-ton models.

**NEW! EASIER LOADING** with lower ground-to-floor height—on all models through 2 tons.

**NEW! EASIER BAD-WEATHER STARTING** with new moistureproof ignition and high-torque starting motor.

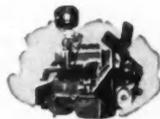
**NEW! MORE ECONOMICAL PERFORMANCE** with higher (7.0 to 1) compression ratio—on all models through 1 ton.

**NEW! SMOOTHER ENGINE IDLING** with "hotter" spark plugs; on all models through 1 ton.

**BRAND-NEW POWER**—You get more power than ever—engineered for your job! Eight great engines—with net horsepower stepped up as much as 20%! You get more of the *right* power for your needs—with top economy! Yet, with all their extra value, new Dodge "Job-Rated" trucks are priced with the lowest.

**BRAND-NEW EASE-OF-HANDLING**—You can turn new Dodge "Job-Rated" trucks sharper . . . maneuver them more easily. New shorter turning diameters! New worm-and-roller steering gears! All this—plus cross-steering, wide front tread and short wheelbase.

**BRAND-NEW BRAKING SAFETY**—New Dodge "Job-Rated" trucks are the trucks with new molded, tapered Cyclebond brake linings! New *extra-quiet* action! New *extra-smooth*, extra-sure stopping! New longer lining life! (On new 1 1/2-ton and up trucks, except air brake models.)

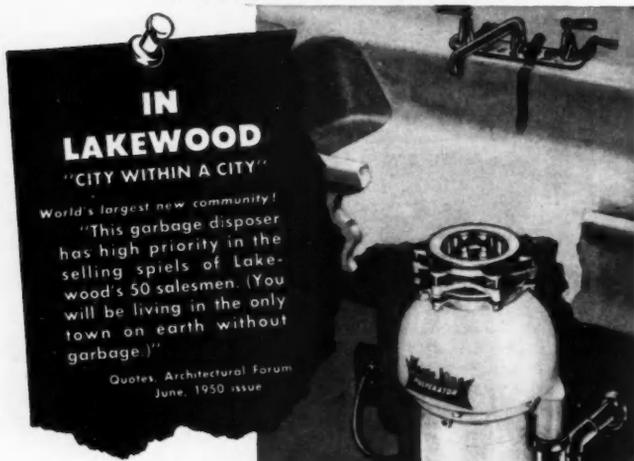


PLUS THIS EXCLUSIVE! gyrol Fluid Drive available on 1/2-, 3/4-, and 1-ton, and Route-Van trucks.

*See your Dodge  
Dealer today for*

**THE TRUCK THAT FITS YOUR JOB... A DODGE <sup>"Job-Rated"</sup> TRUCK**

# HIGH PRIORITY SALES FEATURE\* Helps SELL 17,000 HOMES! at rate of 175 Homes per day



## \* THE AUTOMATIC WASTE KING Pulverator America's Finest Garbage Disposer!

Wherever Builders are making sales history, you'll find their kitchens equipped with the automatic, tract-tested Waste King Pulverator. As in Lakewood, and other tracts, large or small, this one "high-priority feature" in the kitchen can influence and close the sale faster. It's the one feature that offers the greatest value for the least amount of money.

### Here's why more Builders and Architects specify WASTE KING:

- ★ Lifetime Grind Control, protects the plumbing.
- ★ Lower installation cost, no brackets required.
- ★ Continuous-feed operation, preferred by more women.
- ★ Anti-jam features, eliminate binding or clogging.
- ★ Longer, dependable, trouble-free service.
- ★ Competitively priced, your best buy!

**FREE!** Garbage Disposer A.I.A. file folder sets.

Fill out coupon now! MAIL TODAY!



GIVEN MANUFACTURING CO., Dept. AB4  
1250 Wilshire Blvd., Los Angeles 14, Calif.

Please send free Garbage Disposer A.I.A. file folder set.

I contemplate using \_\_\_\_\_ garbage disposers within the next six months.

Firm Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Your Name \_\_\_\_\_



### Merchandising Techniques Offered In New Booklet By Westinghouse

An automatic light switch for cupboard doors, a built-in bathroom sun-lamp, or valance lighting above a sink carry a powerful sales appeal for the potential home-buyer, according to a booklet recently published by the Westinghouse Electric Corp.

The generously-illustrated, 32-page booklet, prepared by the Westinghouse Better Homes Bureau, demonstrates how a contractor can add value and sales appeal to any new home. Six sales features, ranging from a well-planned and equipped kitchen to adequate wiring throughout the new home are featured in the book.

A. Carl Bredahl, manager of the Westinghouse Better Homes Bureau, says the publication is an effort to provide the contractor with the same merchandising techniques used so effectively by automobile dealers and others.

Ten pages of the booklet are devoted to sales features that can be made a part of the kitchen.

Copies of the booklet may be had by writing to Better Homes Bureau, Westinghouse Electric Corp., P. O. Box 868, Pittsburgh 30, Pa., and requesting "Sales Features For Electrical Living Homes."

### Lift-Slab Building ...

(Continued from page 274)

borg, president of Southwest Research Institute.

Dr. Vagtborg, who is also director of the Institute of Inventive Research, informed the assembled contractors, engineers and architects that in addition to the successful operation at Trinity University, much experience and further research and development work was needed to advance the technology of the new technique and to increase its cost-cutting possibilities.

John Porter, in answering technical questions regarding slab designs, layouts, and economies to be derived by use of this method, asserted that the saving per square foot of floor space on the Trinity job was approximately 30 cents and that this economy on buildings of comparable design should range as high as 50 cents.

Dr. Vagtborg disclosed that the Institute was negotiating with several large companies which had applied for franchise agreements enabling them to license construction companies to use the method in this country and internationally.

# CONTRACTORS! Cut the Cost of Installing Insulation up to 40% with **Lo-"K"**



## COTTON—A NATURAL INSULATION



The principle of insulation, regardless of type of material, is based upon the creation of minute air cells which effectively hold and prevent the circulation of air. The greater the number of air cells the more effective the material as an insulating agent. In this respect, cotton is a "natural." Our calculations show that a piece of cotton insulation one foot square by three inches thick creates approximately 24 billion air cells. This superfluity of air cells in Lo-"K" Insulation makes it equal to, if not superior to any other type insulation on the market.

Likewise, because of its low "K" value or thermal conductivity (0.24) Lo-"K" insulates from 4% to 36% more efficiently than any other type commercial insulation. The following table of tests by recognized laboratories show Lo-"K" leadership in both "K" factor efficiency and lightness of weight.

Material	Wt. per cu. ft.	Insulating Value	
		"K" factor	Authority
Lo-"K" Cotton Insulating Batt	.875	.24	J. C. Peebles
Rock Wool—Loose Fill type	10.0	.27	Bureau of Standards
Chemically treated wood fibers between sheets of paper	3.62	.25	J. C. Peebles
Glass Wool—Loose Fill type	1.50	.27	J. C. Peebles
Stitched & Creped Expanding Fibrous Blanket	1.50	.27	J. C. Peebles

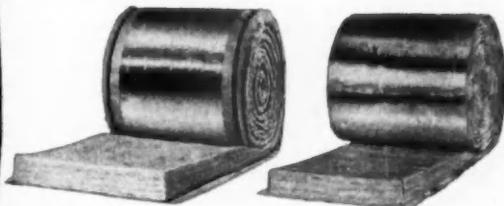
"K" factor means the amount of heat expressed in British Thermal Units transmitted in 1 hour through 1 sq. ft. of a homogenous material 1 in. thick for a difference in temperature of one degree Fahrenheit between the two surfaces of the material. The lower the factor, the better the insulation. The values in above tables taken from the Guide of the American Society of Heating & Ventilating Engineers.

The special construction of Lo-"K" insulation, its lighter weight (only .875 lb. per cubic foot) and the absence of skin irritants enables you to save up to 40% in installation costs alone.

Low cost installation is just another reason why more and more contractors are selecting Lo-"K" Insulation for all types of insulating jobs.

Lo-"K" insulates from 4% to 36% more efficiently . . . stays permanently in place . . . doesn't sag or settle . . . resists moisture (asphalt-coated Kraft paper stays firmly in place to form a vapor barrier) . . . resists vermin, mildew and rot . . . is flameproofed to rigid government specifications . . . lasts a lifetime.

Lo-"K" Insulation is available in Open and Closed Blanket type with Aluminum Foil Backing—or Open and Closed Blanket type with asphalt-coated Kraft paper backing.



Open Foil Blanket stops heat loss all three ways—convection, conduction and radiation and forms a positive vapor barrier.

Enclosed Foil Blanket has all the advantages of Lo-"K" and foil and is tops in convenience and economical installation.

INSULATION DIVISION  
**LOCKPORT COTTON BATTING CO.**

Lockport, N. Y.

New York Office: 1407 Broadway

## **How HOUSE BEAUTIFUL Has Concentrated Its Efforts To Bring The Story Of Climate Control To The Public And The Building Industries**

**September 1949...**HOUSE BEAUTIFUL's Climate Control Project was introduced to the building industry at a meeting held at the Waldorf-Astoria in New York City. More than 400 representatives of building and allied industries as well as scientists and engineers attended.

Visit to HOUSE BEAUTIFUL's first actual Climate Control and Pace-Setter House at Orange, New Jersey by group attending meeting at the Waldorf-Astoria.

Climate Control introduced to the public with HOUSE BEAUTIFUL's October 1949 issue. Forty-nine pages of editorial matter were devoted to the subject. Complete regional analysis of the Mid-Ohio area was included.

**October 1949...**Metropolitan New York-New Jersey Area Analysis published in November issue of HOUSE BEAUTIFUL presenting HOUSE BEAUTIFUL's first Climate Control Pace-Setter House in Orange, New Jersey.

Analysis of Mid-Ohio Area was published in the Bulletin of the American Institute of Architects for October.

**November 1949...**Area Analysis of the Metropolitan New York-New Jersey Area appeared in November issue of the Bulletin of the American Institute of Architects.

**December 1949...**National Warm Air Heating & Air Conditioning Association 36th Annual Convention at Cleveland, Ohio, December 14-15, addressed by Elizabeth Gordon presenting Climate Control Project.

Climate Control for South Florida-Miami Area presenting 2 existing houses in Miami and Coral Gables published in January 1950 issue of HOUSE BEAUTIFUL.

**January 1950...**Address on Climate Control by Dr. Howland before Eastern Association of Nurserymen, New York. Building Research Advisory Board of the National Research Council National Academy of Sciences devoted January 11 meeting to presentation of "Weather and the Building Industry"—a meeting called to inform the building industry—at the scientific level—of HOUSE BEAUTIFUL's Climate Control Project. An address was made by James M. Fitch.

**January 1950...**Chicago, Illinois. Address by Dr. Howland before Midwest Nurserymen's Association.

Miami, Florida. Address by James M. Fitch, HOUSE BEAUTIFUL's Architectural Editor, to members of Producers Council Chapter discussing HOUSE BEAUTIFUL's Climate Control Project, and the Miami Area in particular.

Jacksonville, Florida. Address by James M. Fitch to Producers Council Chapter members in Jacksonville discussing HOUSE BEAUTIFUL's Climate Control Project, and the Miami Area in particular.

Philadelphia, Pennsylvania. Address by Dr. J. E. Howland, Gardening Editor of HOUSE BEAUTIFUL before Annual meeting of Pennsylvania Nurserymen discussing HOUSE BEAUTIFUL's Climate Control Project.

Columbus, Ohio. Address by Dr. J. E. Howland before Ohio Nurserymen's Association.

Miami-Southern Florida Area Analysis presented in January Bulletin of the American Institute of Architects.

**February 1950...**Chicago, Illinois. National Association of Home Builders Convention. Address by Elizabeth Gordon. 1500 builders present. One session of the Convention devoted to Climate Control.

**March 1950...**Presentation of Arid Southwest Area Analysis in April 1950 HOUSE BEAUTIFUL.

**April 1950...**Arid Southwest Analysis published in April Bulletin of the American Institute of Architects.

Mid-Mississippi Area Analysis presented in May issue of HOUSE BEAUTIFUL.

Publication of Building Research Advisory Board Conference report #1—Weather & The Building Industry.

**May 1950...**Kansas City, Missouri—Address by James Fitch to Producers Council Chapter members on Climate Control in the Mid-Mississippi Basin.

St. Louis, Missouri—Address by James Fitch to Producers Council Chapter members on Climate Control on the Mid-Mississippi Basin.

Mid-Mississippi Area Analysis published in May Bulletin of the American Institute of Architects.

**June 1950...**Houston, Texas—Address by James Fitch to Producers Council Chapter members on Climate Control and Preview of Gulf Coast Region.

New Orleans, Louisiana—Address by James Fitch to Producers Council Chapter members on Climate Control and Preview of Gulf Coast Region.

Gulf Coast Area Analysis in July 1950 issue of HOUSE BEAUTIFUL.

**July 1950...**Washington, D. C.—Address by Dr. J. E. Howland before National Association of Nurserymen on HOUSE BEAUTIFUL's Climate Control Project.

Gulf Coast Area Analysis published in July Bulletin of American Institute of Architects.

**September 1950...**Chicago Area Analysis presented in Bulletin of American Institute of Architects.

First year report on the Climate Control Project published in October issue of HOUSE BEAUTIFUL.

**November 1950...**Twin City Area Analysis presented in November Bulletin of the American Institute of Architects.

**December 1950...**The Housing & Home Finance Agency—the Government's top housing authority—asked Building Research Advisory Board to set up a committee to inquire into the next steps to advance the applying of climate data to building design.

**January 1951...**Washington, D. C. Area Analysis presented in Bulletin of the American Institute of Architects.

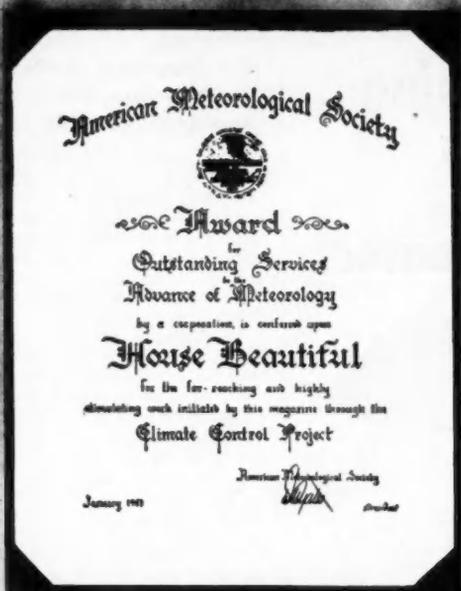
American Meteorological Society presents award to Elizabeth Gordon for HOUSE BEAUTIFUL's Climate Control Project.

**February 1951...**Twin Cities Area Analysis presented in March issue of HOUSE BEAUTIFUL.

James Fitch addresses Twin Cities Chapter of Producers Council members—re Twin Cities Climate Control Analysis.

**March 1951...**Washington, D. C. Area Analysis in April HOUSE BEAUTIFUL. Climate Control house shown.

Boston, Massachusetts Area Analysis presented in March Bulletin of the American Institute of Architects.



## “... for Outstanding Services ...”

On January 31st, Elizabeth Gordon, Editor of HOUSE BEAUTIFUL, accepted on behalf of the magazine an Award for Outstanding Services to the Advance of Meteorology. This award, conferred by the American Meteorological Society, cited “the far-reaching and stimulating work initiated by this magazine through the Climate Control Project.”

HOUSE BEAUTIFUL is proud to add this latest achievement to the unusual acclaim and acceptance that the Climate Control Project has received in its short 18 months of existence. We are especially proud because this award marks the first time such an honor has been bestowed upon a private corporation in the 51-year history of the American Meteorological Society.

But far beyond our pride is the satisfaction we feel in knowing that Climate Control has, in only 18 months, become an integral working part of the many industries crossed by this highly specialized knowledge. Such pioneering as is evidenced in HOUSE BEAUTIFUL's Climate Control Project is, we feel, pushing the world another notch ahead.

## *House Beautiful Magazine*

572 Madison Avenue, New York 22, N. Y.

Technical information prepared by the A.I.A. on each of the areas studied in HOUSE BEAUTIFUL's Climate Control Project is available from HOUSE BEAUTIFUL at 50¢ each.



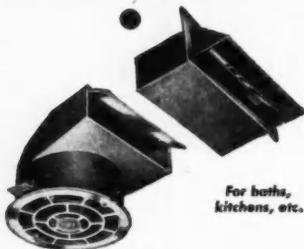
# Ventilating Fans Electric Heaters

## No. 1 (8") and No. 81 (10") Automatic Fans for ceiling or cabinet installation

Designed for quick, easy installation in rooms where wall space is limited or unavailable, Radia automatic ceiling exhaust fans are particularly adaptable for kitchens, bath and powder rooms, laundries, recreation rooms, etc. They fit all standard construction, mount flush with ceiling between joists. Only the polished aluminum die-cast grille is visible.

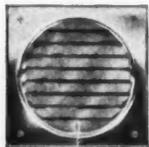
In this design, operation is automatic and ventilation is the natural way—UP. These fans are equipped with powerful, totally enclosed self-aligning motors and efficient Torrington impellers.

The Model No. 1 requires only 6" joist space, moves 500 C.F.M. (free air delivery), No. 81 requires 7 1/4" joist space, moves 650 C.F.M.



For baths, kitchens, etc.

Both models feature double automatic shutters, weathertight seal and are fully guaranteed.



## Model No. 10 Shepler Wall Fan

A 10" deluxe fan featuring automatic bead chain control and the attractive Invisi-Grille front. Equipped with powerful, enclosed, self-aligning motor, it is available in No. 10-C, chromium (illustrated), or No. 10 white grille. Wall opening required:

11 1/4" x 11 1/4". Rating: 650 C.F.M. (free air delivery). For any wall thickness.

Model No. 9 is a deluxe, completely automatic 10" fan. Instead of a chain, this model has a gear motor which operates the vent door.

## RADIA Electric Wall Insert Heaters

with Globar Non-Metallic Heating Elements

These heaters are equipped with a newly-styled ULA safety guard and the non-metallic Globar heating element that's guaranteed against burn-out for 5 years (normal usage). Other features: double pole heat switch, easily replaced heating elements, compact design. Available in sizes and capacities 350 to 3000 watts.

Finish is white vitreous porcelain enamel; also chrome white available.



## Duct, Flue, Chimney Fans



These fans may be installed in cabinets, ducts or flues, or vented into unused space above ceiling. Available in both 8" and 10" sizes and two

models—with or without shutters. Automatic operation by wall switch. Polished aluminum grille. Ratings: 500 to 650 C.F.M. (free air delivery).

Approved by Underwriters' Laboratories

## SHEPLER "Preferred" PRODUCTS:

Radia Electric Wall and Portable Heaters • Automatic 8", 10" Wall, Ceiling, Chimney Fans • Automatic Shutters • Stationary Louvers  
GAS, ELECTRIC FIREPLACE LOGS—WITH HEAT

Ask about Model "S" Switch and Speed Control!

Write for complete details

**SHEPLER Manufacturing Co.**  
1312-14 Sheffield St. • Pittsburgh 33, Pa.

See Sweet's Architectural, Builder Files for full information.



## Developments in Modular Coordination, Other Standards Cited by ASA

The program of modular coordination in the building industry—a system of making and installing building materials in sizes that differ by a uniform increment, a four-inch module—has entered a new phase of activity, according to the American Standards Association, which reports these developments:

Establishment by the American Institute of Architects of a section on modular co-ordination in its Department of Education and Research; Adoption by ASA of a resolution to advance acceptance of the program; and provision for funds and a full-time secretary.

Also announced by ACA, a private federation of more than 100 nationally-recognized building industry trade and technical organizations to effect recommended standardizations, were a number of other developments, aimed both at construction cost-cutting and greater safety.

Active work on the revision of the six-year-old standard, Building Code Requirements for Masonry (A4.1-1944), has been under way for more than a year. Discussion of a new draft for the standard has indicated that further changes may be necessary in order to provide for recent developments in building construction before it can get the required majority approval in committee and be submitted to ASA's building code and construction standards correlating committee. Leadership in formulating this code is assigned to the National Bureau of Standards.

Another project is the development of Building Code requirements for Fire Protection and Fire Resistance. Several new standards may result from this project, ASA said. A research program of the National Lumber Manufacturers Association, Douglas Fir Plywood Association and others, is expected to give, when completed, the requirements of interior finish.

An eighth draft of recommendations on height and area limitations has been circulated for acceptance by the sectional committee. A report on fire-resistive ratings suggests that data obtained in research by the NBS may be included in these codes. Work is also proceeding on classifications and definitions. The problem of fire stopping of floors is being studied and recommendations of classifications of occupancies are being modified to conform with this com-

(Continued on page 282)



# Richflex

## A new and better REFLECTIVE INSULATION

**RICHKRAFT** brings you a new 4-way reflective insulation with the experience of years behind it. Richflex keeps winter heat in — summer heat out — acts as a moisture-vapor barrier — acts as a cold air barrier. Richflex, with its special aluminum pigment, turns back more than 75 per cent of the heat rays. This can mean 30 per cent fuel savings in winter and a reduction of 15° in summer.

The introduction of Richflex gives the construction industry one source for its insulation, reinforced and black sheathing papers — *one source, one responsibility.*

Ask for our new folder describing how it works with full details for installation. Richflex can be had in three grades in 36"/500 sq. ft. rolls. Write today!

# Richkraft does it again!



CONTRACTOR

ANOTHER

**THE RICHKRAFT COMPANY**  
Builders Building • Chicago 1, Illinois

The Richkraft Company  
1601A Builders Building  
228 N. LaSalle St., Chicago 1, Illinois

- Please send me full details on Richflex.
- Please send me full details on your line of reinforced and black sheathing papers.

Company Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

Signed \_\_\_\_\_

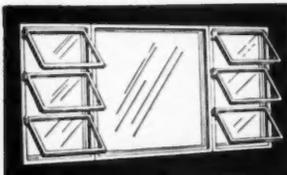
# WOOD Gate City awning WINDOWS

## The Window that invites comparison

Talk about on-the-job economy in time and labor -- here it is!...in a window designed to combine modern climate control features with the finest all weather protective advantages.

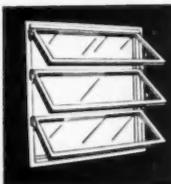
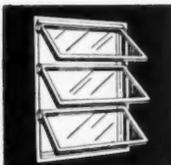


**GATE CITY Wood Awning Windows are delivered as a complete packaged unit, easier to handle; simpler to install.**



Wood windows are easier to paint...to harmonize with varied color schemes in every room.

**Stock sizes are available to meet your every requirement, with fast delivery timed to avoid work delays.**



## WOOD AWNING WINDOWS pioneered by Gate City

are precision-made and preservative-treated for long-lasting durability and dimensional stability.

See your building supply dealer. Refer to AMERICAN LUMBERMAN 1951 Dealer Products File. Or write for literature and name of nearest dealer.

**Gate City Sash & Door Co.**  
"WOOD WINDOW CRAFTSMEN SINCE 1910"  
FORT LAUDERDALE, FLORIDA

MEMBER OF THE PRODUCER'S COUNCIL, INC.

GATE CITY SASH & DOOR CO., Dept. AB-4  
P. O. Box 901, Fort Lauderdale, Florida

Gentlemen: As a Contractor  Dealer  I'd like to know more about GATE CITY Awning WINDOW profit possibilities for 1951.  
 I enclose 25¢ for Plan Book.

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_

**MAIL  
COUPON  
NOW**

Send 25¢ for SMALL HOMES PLAN BOOK with 40 plans showing Awning Windows. Postpaid.

## Modular Coordination

(Continued from page 280)

mittee's suggestions. The National Board of Fire Underwriters, National Fire Protection Association and National Bureau of Standards are supplying the technical leadership in formulating these standards.

In connection with fire protection of buildings, four revised American Society for Testing Materials standards on fire tests of building construction and materials are being considered for approval as American Standards. Earlier editions of two of these standards have had ASA approval.

Still another new project in progress is a building code for chimneys and heating appliances. Work on minimum requirements, started before the war, was resumed a few months ago. Results of research on the subject, conducted by the NBS and the Housing and Home Finance Agency were published last winter. Recommendations for a revision of this code are expected to be available before the end of the year. National Board of Fire Underwriters has technical leadership in revising the code.

The Building Code Requirements for Light and Ventilation (ASA A53.1-1946) are being studied for possible revision. Questions concerning revision have been taken up with the sponsors, U.S. Public Health Service and the Housing and Home Finance Agency.

Standard Building Code Requirements for Excavations and Foundations, written months ago, have been delayed by disagreements. Recent compromises and understandings between sectional committee and sponsor—the American Society of Civil Engineers (ASCE)—indicate the possibility of a consensus agreement soon, and approval as an American Standard early in 1951.

Building Code Requirements for Reinforced Gypsum Concrete (A59.1-1945) are being studied for revision jointly by the Gypsum Association and Building Officials Conference of America as a result of proposals made to them.

Considerable progress has been made in the preparation of a draft for a standard on Building Code Requirements for Wood at Forest Products Laboratory, Madison, Wis. When completed, this will be the first American Standard code covering the design and erection of structures using wood as a building material.

The first of two standard methods

(Continued on page 284)



**YOU CAN COUNT ON  
VITRIFIED CLAY PIPE  
IT NEVER WEARS OUT!**

Protect yourself against job shut-downs during these uncertain days by making Vitrified Clay Pipe "standard" in the dozens of places on your jobs where it is so perfectly suited. Clay Pipe's reputation for long trouble-free service in house connections, basement footing drains, downspout drains, yard and lawn drainage and in many other uses is unmatched . . . because it *never* wears out. Ground-water chemicals can't affect it. Electrolytic soils don't corrode it. It's the *only* pipe that protects your reputation by lasting forever.

**WRITE FOR ADDITIONAL INFORMATION**

and data on Vitrified Clay Pipe, Wall Coping and Clay Flue Lining. Sent FREE on request. State your specific questions. Simply contact the regional office nearest you.

**NATIONAL CLAY PIPE MANUFACTURERS, INC.**

311 High Long Bldg., 5 East Long St., Columbus 15, O.  
100 North LaSalle St., Room 2100, Chicago 2, Ill.  
703 Ninth & Hill Bldg., Los Angeles 15, Calif.  
206 Connally Building, Atlanta 3, Georgia



*Vitrified*  
**CLAY**  
**PIPE**





## READYBUILT FIREPLACES

(Reg. U. S. Pat. Off.)

Adds beauty, cheer and comfort to any home, old or new.

The modern fireplace that fulfills all modern day requirements—used with gas or electricity.

Large variety of attractive models in brick, stone, wood, etc., available.

Furnished complete—ready to be installed by a handy man—shipped anywhere.

DEALERS, BUILDERS and HOMEOWNERS write for catalog and full information.

**The READYBUILT PRODUCTS COMPANY**  
1705-23 McHenry Street Baltimore 23, Md.

### Modular Coordination

(Continued from page 282)

for testing timber and wood (04-1927) is being revised also under the leadership of ASTM.

Revision of American Standard Specifications for Gypsum Plastering, Lathing and Furring (A42.1-1946), commenced last year, has been completed. Two separate standards which have been prepared are expected to be submitted to ASA for approval before October. Suggestions for revisions of the two standards on portland cement plastering (A42.3-1946) and portland cement stucco (A42.2-1946) are being studied. Also, revisions for at least one of the three standard specifications for gypsum and gypsum plasters are under consideration by the American Society for Testing Materials.

Among the standards concerning the building industry is the Plumbing Code (A40.7-1949). Work on this code dates back to 1924 and ASA entered the picture in 1928. However, little progress was made until a new committee was organized in 1941. The latest revision was developed by representatives of many national organizations, including AIA, BOCA, and American Society of Civil Engineers. An interesting sidelight on this code is the fact that the cost of plumbing in an

average home could be reduced by about \$50 if plumbing code requirements were uniform in every community. One of the objects of standards is to achieve such uniformity through model codes. The new code has already been adopted by many cities in New York state and elsewhere, led by its adoption by the New York City Department of Health.

The present status of the legality of adoption of standards in general by states and municipalities has been printed by ASA in a 44-page booklet entitled "Nationally Recognized Standards in State Laws and Local Ordinances." It contains a discussion of some of the methods that might be utilized to extend the use of standards by governmental agencies.

### FROM OUR BOOK DEPT.

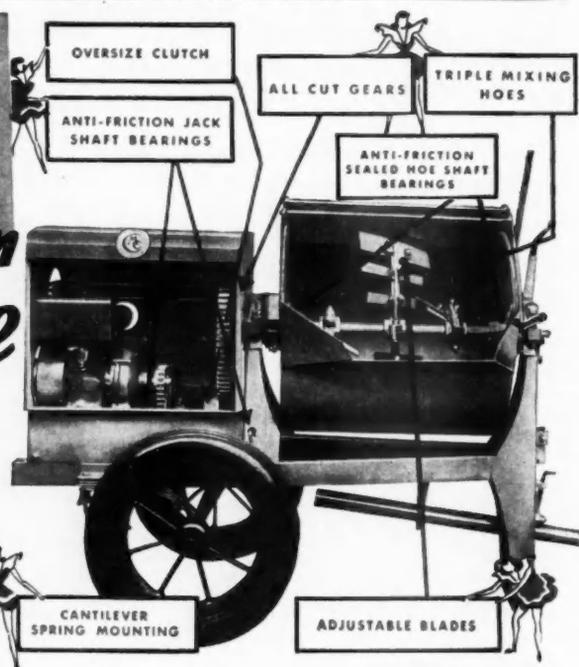
**WINDOWS In Modern Architecture**—By Grofey Baker and Bruno Finaro, A.I.A. The only complete reference book on window design, ranging from solar heat to skylights, from picture windows to factory monitors and from daylight control to spring balances. Features modern architecture's concern for more and larger windows and explains the solutions of special problems resulting therefrom.

HERE'S A *Deluxe* MODEL  
THAT'S *Deluxe* FROM STEM  
TO STERN!  
17 1/2 *America's Biggest*  
HOE TYPE MIXER  
VALUE!



# Wonder Deluxe

- 17 1/2" diameter
- 33" wheel diameter
- 33" wheel diameter
- Built-in safety guard
- 33" wheel diameter



CONSTRUCTION MACHINERY COMPANIES

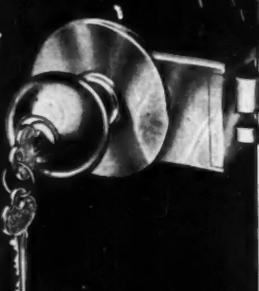
WATERLOO, IOWA

**"Fastest  
Installation  
I ever made!"**

*Time and again  
it's been proved:*

You can install  
Corbin "900" Unit Locks  
and Latches

*Faster*  
than  
any  
other  
type of lock!



**HERE'S WHY** — No mortising is required; it takes an average workman only five minutes to drill two small holes, make a cut in the edge of the door, and fasten a Corbin "900" lock securely in place! *That's all there is to it . . .* the lock is always true and straight with the door, ready to provide years of trouble-free service!

But that's not all! The handsome appearance and rugged security of Corbin factory-assembled "900" Locks and Latches recommend them for all of your buildings. You will install Corbin "900" units with confidence and pride . . . in the right functions and finishes for all school, hospital, apartment, residence, and office building needs.

GOOD BUILDINGS DESERVE GOOD HARDWARE

**CORBIN**

**P. & F. CORBIN** DIVISION

THE AMERICAN HARDWARE CORPORATION

New Britain, Connecticut



STREET VIEW. Walls faced with stone, shingles and boards

## Homes that Meet Family Needs

Donnay-Reitz Inc., home builders of St. Paul, Minn., are currently building and selling three bedroom houses in the Highland Park area, using two types of floor plans with a number of exterior designs for each plan.

Both types of houses are placed on 66 foot lots. One house is designed with a garage as an integral part of the plan; this garage with the entrance porch extends beyond the front wall of the house. The other house has a detached garage located toward the rear of the property with a side concrete drive to the street.

Both houses have the same basic room arrangement, which includes three bedrooms, bath, living room and kitchen and a full basement; in addition to an ample

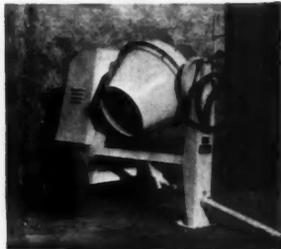
supply of closets. Dining area in one house is included as part of the kitchen, and in the other as part of the living room. Each living room includes a wood burning fireplace and picture window.

The exteriors are treated in the conventional ranch-type manner with a low pitched roof, overhanging eaves and high windows in the bedrooms. The walls are fin-

(Continued on page 288)



FLOOR PLAN embraces six room efficiency within its perimeter



## GET JOBS DONE QUICKER, CHEAPER

with these

Worthington-Ransome 3½ cubic foot tilting mixers

NO OTHER MIXERS CAN MATCH THEM FOR:

- easy towing
- uniform mix
- easy handling
- long life

These sturdy members of the Worthington-Ransome Blue Brute family are as tough as they come. And a dozen features make them a joy to handle and cost-cutters for years to come. For example:

- a. no extra steps—all controls on working side
- b. low towing bail for easy towing—will not hang up on rough terrain
- c. spindle of pressed-steel bowl rides on Timken roller bearings
- d. finger-tip control of tilt lock
- e. coil-spring-mounted axle, wheels equipped with Timken tapered bearings to eliminate road shock

See your Worthington distributor for a closer look at these rugged 3½-S tilting mixers. Write for free Bulletin to Worthington Pump and Machinery Corporation, Construction Equipment Sales Division, Dunellen, N. J.



BUY BLUE BRUTES  
**WORTHINGTON**



R-1-2

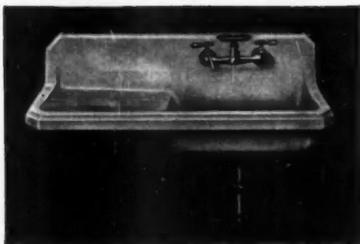
AMERICAN BUILDER

# SINKS FOR ANY SITUATION...

for  
**MODERNIZATION**  
 for  
**CUSTOM-BUILT  
 HOMES**  
 for  
**DEVELOPMENTS**



**THE RICHMOND SCHENLEY**—Plate No. 1550: Single left drainboard roll-rim sink. Acid-resisting enamel. Drilled for deck-type supply fitting, with hose and spray. Size 42" x 25". Plate No. 1552: With single right drainboard. Size 42" x 25". Plate No. 1554: With single left drainboard. Size 42" x 22". Plate No. 1556: With single right drainboard. Size 42" x 22".



**THE RICHMOND SAVONA**—Plate No. 1815: Roll-rim sink with single right drainboard and integral back. Acid-resisting enamel. Size 42" x 20". Plate No. 1816: with single left drainboard. Size 42" x 20".



# RICHMOND

RICHMOND RADIATOR CO.—AFFILIATE OF REYNOLDS METALS CO.



**THE RICHMOND SERVILLA**—Plate No. 1535: Double-drainboard roll-rim sink. Acid-resisting enamel. Drilled for deck-type supply fitting, with hose and spray. Sizes 54" x 25" and 60" x 25". Plate No. 1537: Sizes: 54" x 22" and 60" x 22".

## ● SINKS FOR EVERY TYPE OF INSTALLATION!

For built-in units—flat-rim sinks with single or double compartments for counter-top installations. With or without drillings for deck-type supply fittings. For base-cabinets—ledge-back sinks with single or double drainboards. For installations where space is at a premium—compact sink and tray combinations. For economical replacements—wall-hung roll-rim sinks with single (left or right) drainboards.

## ● SINKS IN RUGGED ENAMELED CAST IRON!

Durable cast-iron base with easy-to-clean, acid-resisting enamel for lasting beauty.

## ● SINKS THAT ARE SURE TO SATISFY!

Richmond quality sinks assure customer satisfaction, whatever type you install. Specify plumbing fixtures that carry the Richmond guarantee.

See your plumber or High Capacity Sales

Richmond Radiator Company AB/4  
 19 East 47th Street, New York 17, New York

Please send me full information on the Richmond line of cast-iron enameled sinks. No obligation, of course.

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

## Homes that Meet Family Needs

(Continued from page 286)

ished in a combination of local stone interspersed with Crab Orchard stone for color effect. Gables are faced with wide siding in some cases and vertical flush boards in others. Main wall surfaces are finished in wide cedar shingles laid in double coursing 10 inches to the weather for deep shadow effects. Entrance porches are recessed



FRONT of house is well proportioned

into the perimeter of the house. In this manner the extended roof line provides protection from the elements. Where chimneys extend above the roof line they are finished in local stone.

It is the policy of the Donnay-Reitz Co. to use nationally advertised materials whenever possible. These include General Electric Co. incinerator and Disposal, 4 Square Lumber, self storing sash and screens, Andersen



PLAN with attached garage is designed for 66 foot lot

pressure seal window frames, Crane Co. plumbing fixtures, Johns-Manville insulation and asphalt roof shingles, Armstrong linoleum, Bruce flooring, American Furnace Co. gas-fired forced warm air furnace.

The grounds are completely graded and sodded with evergreen planting placed along the front wall of house. These houses are priced from \$18,000 to \$20,000.

### FROM OUR BOOK DEPT.

**FAMILY HOUSING**—By Deane G. Carter and Keith H. Hinchcliff. Two University of Illinois professors offer suggestions for planning a house to fit a family so that every room is fully utilized. Types of material and construction and financial problem are discussed. Methods of saving expense are stressed. Well illustrated with photographs and drawings. A college textbook.

1949. 265 pages, 160 illus., 5/4 x 8 1/2, cloth, \$4.00

As reported in  
**BUSINESS WEEK**  
and the Nation's  
leading building  
trade magazines . . .

**HERCULES METAL BRIDGING SAVES TIME, MAKES MONEY;  
BRIDGES FLOORS FASTER, BETTER, AT FAR LESS COST!**

**NOW builders can know  
their lowest true cost  
of BRIDGING!**

- ▶ ADJUSTABLE FOR 2x6, 2x8, 2x10 JOISTS
- ▶ NO NAILING REQUIRED
- ▶ SAVES COST OF WOOD, NAILS
- ▶ TIGHTENS AS JOISTS SHRINK
- ▶ FHA ACCEPTED
- ▶ ANYONE CAN INSTALL
- ▶ PERMITS SUB-FLOORING TO BE LAID FIRST, BRIDGED LATER
- ▶ ADAPTABLE TO ALL STANDARD CONSTRUCTION
- ▶ MAKES A TRIM, STURDY, HAND-SOME INSTALLATION
- ▶ READILY REMOVED, RE-INSTALLED IF ALTERATIONS EVER DESIRED

#### HOW THEY WORK . . .

Simply set the sharp points of one end into the joist near the sub-floor, then place points of the other end into the next joist near the bottom, **PULL DOWN** and it snap-locks to position.

Formed from 20 gauge rust proofed steel. Assembles quickly, you do not have to sort them, for they come packed 100 male to a carton, 100 female to a carton. Thus, the 2 cartons make 50 sets (set consists of 4 pieces—when assembled completes the figure X). Shipping weight of the 2 cartons—50 lbs.

#### HOW THEY SAVE . . .

Lumber 1x3 for 16" O.C.—	14¢ SET
.07 per piece.....	
2 eight-penny nails each end.	1¢
8 nails to set.....	
Average cost for cutting (4 cuts)...	2¢
Labor cost (at \$2.50 hr. or 4c per min.), to set and install tops....	16¢
Labor cost at bottoms, 2 minutes....	8¢

MINIMUM COST PER SET **41¢ SET**  
WOOD BRIDGING .....

MAXIMUM COST PER SET **HERCULES METAL BRIDGING USING SKILLED OR UNSKILLED LABOR IS LESS THAN... 31¢ SET**



ASSEMBLE 2 HALVES ... POSITION ... PULL DOWN

TERRITORIES  
OPEN,  
WRITE TO

**GLOVER MFG. and SALES**  
2497 MANCHESTER ROAD  
AKRON 14, OHIO

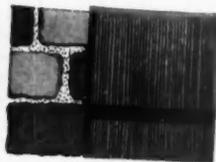
TELEPHONE Sherwood 2814



Customers have a choice of smooth-surfaced stained shingles with visible joints or



Grooved surfaced shakes which have invisible joints and resemble handsplints.



They are excellent for use with other building materials.



Application is easy as ABC. Ship-lap nailing guide is the only "extra" tool needed.



Easy to specify, the complete specification range is covered in Sweet's 8b/7a.



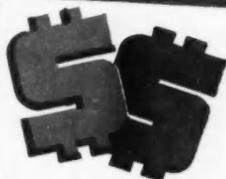
Carton packages make stained shingles and shakes easy to store, clean to handle, easy to deliver.

## 14 reasons why SHAKERTOWN SIDEWALLS are easy to sell

- ★ They are economical to buy and economical to apply.
- ★ They are pre-stained in a wide selection of colors to save on building cost.
- ★ They are available for prompt delivery from centrally located warehouses.
- ★ They build a home of long-lasting beauty and minimum upkeep cost.

Project home builders are enthusiastic about Shakertown Sidewalls because they eliminate the costly work of painting. This feature alone has accounted for the sale of thousands of squares of Shakertowns to project builders. Note the other sales features shown on this page.

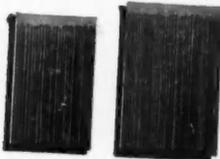
WRITE DIRECT for full particulars



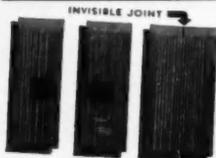
Homeowners get greater value, dollar for dollar, with stained shingle and shake sidewalls.



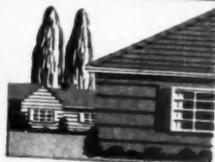
Distribution is convenient to dealers everywhere.



16" and 18" lengths provide wide choice of weather exposures to make project homes look different.



Edges of shakes are true parallel. Joints are tight and blend with the grooved texture.



Every shingle and shake home is an advertisement. One home will lead to the sale of another.

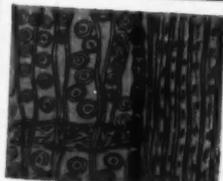


Architects approve and recommend cedar shingles and shakes. Sweet's file has 8 pages of data.

**Your Assurance of Quality**—All Shakertown Sidewalls are No. 1 Certigrade red cedar shingles. They are backed by over a quarter century of recognized leadership and preference for Perma excellence of quality. Architects, builders and homeowners alike—all prefer the outstanding value of naturally beautiful, naturally better Shakertowns.



Stained shingles are excellent material for roofs as well as for sidewalls. A real roof value.



Cedar shingles and shakes have millions of microscopic insulating cells to resist heat transmission.

# The PERMA PRODUCTS Company



7001 MORGAN AVENUE

CLEVELAND 27, OHIO

APRIL 1951

## How To Use Presdwood For Exterior Siding

The growing acceptance of Masonite 1/4 inch Tempered Presdwood as exterior siding in residential construction is exemplified by the ranch-type home built at Parma, Ohio, by Sam Kephart & Son for William A. Schraegle, an ex-



Leaving a two-inch overlap, a carpenter prepares to nail a panel of Masonite 1/4" Tempered Presdwood over the insulation sheathing on the William A. Schraegle home at Parma, O.

ective of Brookpark Lumber and Millwork, Inc. Cost of the FHA-approved residence was \$25,000.

Twelve-foot lengths of the Presdwood, 12 inches wide, were applied 10 inches to the weather over insulation sheathing. The pieces were cut from 4-foot panels.

The installation created considerable interest among architects, contractors and lumber dealers in the area surrounding the Cleveland suburb. Henry A. Kindness, Masonite Corporation representative, sent letters of invitation to a large number to visit the site at 6611 Wilbur Ave., and watch the application of the Presdwood.

Mr. Schraegle's residence has five rooms, and a breezeway connects it with the two-car garage.

Walls of the bedrooms, halls and living room were plastered. Marlite walls were specified for the kitchen and bathroom. Wood paneling was used in the dining room and ceiling of the living room. All other ceilings were plastered.

Contractor Kephart followed the specifications of Masonite Corporation in applying the Tempered Presdwood.

The three exposed surface edges of each Presdwood panel were slightly beveled. Before the panels were applied,



GOOD-SIZED breezeway connects house and garage

each was thoroughly scrubbed with water on the screen side until it turned dark chocolate brown. The pieces were then

(Continued on page 292)

When Building or Remodeling . . .

# Cut Construction Time!

With an EZ-WAY Folding Stairway

An EZ-WAY Folding Stairway will cut your construction time on attic remodeling jobs to a bare minimum. Increases profit!...Assures client's complete satisfaction! No vertical or horizontal clearance required in attic or loft. Just cut rough opening and install. The EZ-WAY comes completely assembled, built included.

Builders and contractors everywhere are finding the EZ-WAY the practical answer to profitable remodeling and satisfaction. (Used for adding expansion space to new homes, too.) But be sure you get the genuine EZ-WAY. Substitutes are not just as good!

- Touch-controlled, balanced spring action
- Engineered for smooth, easy operation
- Sturdily built, modern in appearance
- No counterweights required

FOR THE NAME OF YOUR NEAREST DEALER WRITE:



Available for 7' to 10' ceiling heights. Model No. 18: rough opening 26" x 54". Model No. 22: rough opening 30" x 62".

## EZ-WAY SALES, Inc.

BOX 300, DEPT. A ST. PAUL PARK, MINNESOTA

A DIVISION OF

MINNESOTA WOOD SPECIALTIES, INC.

In Electric  
Exhaust Ventilators  
THIS ISN'T ALL

The entire unit fits flush with the finished ceiling or wall.

"The blade's the thing"

The motor is rubber mounted to insure quiet operation.

Only the attractive, chrome-finished grille is visible.

ANOTHER *Blo-Fan* EXCLUSIVE  
**9-Speed Switch**

This 9-speed switch is an exclusive feature on Blo-Fan Model 210... At low to medium speeds, Blo-Fan easily handles the normal volume of steam and fumes, but in emergencies (like burning the toast), a higher speed will clear the room immediately.

*Blo-Fan's* Blade is  
Out of this world!!!

That's right—the Blo-Fan blade is "out of this world" in design, construction and performance... Unusual design of Blo-Fan's blade is the secret of its superiority. The fan portion scoops up large volumes of air while the blower element expels it with great power... Made in one piece and dynamically balanced, Blo-Fan's blade is the result of 26 years of experience in manufacturing home ventilators... Blo-Fan operates at a moderate, quiet speed, moving more air—quickly, quietly, with greater efficiency.

SPOT VENTILATION AT THE POINT OF AIR POLLUTION.  
For Kitchen, Bath, Game Room and Laundry.

3 SIZES—with Blo-Fan you have a choice of models, depending on room size and air change required. Specify by model number to insure the right Blo-Fan for the job.

*Blo-Fan*

AMERICA'S MOST IMITATED HOME VENTILATOR

**PRYNE & CO. INC.** BOX B-451, POMONA, CALIFORNIA  
Manufacturers of Pry-Lites, the original recessed lighting fixtures with snap-on fronts.  
EASTERN FACTORY: NEWARK, NEW JERSEY  
WAREHOUSES: LOS ANGELES, SAN FRANCISCO, CHICAGO, ATLANTA



## Why Builder Wittenberg Picked "PYROFAX" Gas!



● All the houses in this Ormond Beach, Florida, project are equipped with PYROFAX Gas for cooking and water heating.

### BUILDERS... GET THE FACTS ABOUT "PYROFAX" GAS!

No matter where you build you can install PYROFAX Gas... no expensive wiring needed, no construction changes. PYROFAX Gas is piped in directly to the range, refrigerator, and water heater from twin cylinders outside the house. Let us show you how to make your houses "more saleable" by installing PYROFAX Gas!

FRED WITTENBERG, Builder  
ORMOND BEACH, FLORIDA  
February 6, 1951  
Pyrofax Gas Company  
New York, N. Y.  
Dear Sirs,  
My associate, Bill Kinsella, and myself in planning our Ormond by the Sea project, were determined to offer modern quality houses for under \$9,000—but not to "cut corners."  
We incorporated "plus values"—such as a complete PYROFAX Gas installation, assuring the homeowner of uninterrupted, efficient, economical gas service for cooking and water heating.  
PYROFAX Gas is the simplest, least expensive fuel installation—and keeps building costs down to a minimum in these days of high prices.  
Sincerely yours,  
Fred Wittenberg  
Fred J. Wittenberg

Magic Chef and Caloric ranges, Servel refrigerators, Ruud and Bryant water heaters, and other nationally known gas appliances are available for use with PYROFAX Gas—from distributors in 30 states east of the Rockies.



**Pyrofax**  
TRADE MARK

Superior BOTTLED GAS Service

For full information, write to Dept. AB.

**PYROFAX GAS COMPANY**

A Division of Union Carbide and Carbon Corporation

30 East 42nd Street **NYC** New York 17, N. Y.

The word "Pyrofax" is a registered trade-mark of Union Carbide and Carbon Corporation

### Preswood For Exteriors

(Continued from page 290)

stacked, screen sides together, covered with a tarpaulin and allowed to stand for 24 hours. This process served to expand the Preswood prior to application. The panels were applied in their moist condition over 25/32 inch insulation sheathing with 8d galvanized nails along the horizontal edge.

Two nails were used at each stud. At each vertical joint, carpenter-



This view of the Schraegle home shows the Tempered Preswood siding in place and ready for priming

fastened a wedge-shaped wood strip to provide a solid backing for nailing at those points. Here the nail spacing was 3 inches o.c.

Metal corners were attached to protect the edges of the siding and enhance the over-all appearance.

One coat of quality exterior primer followed by two coats of exterior paint were applied.

Had the owner desired a deeper shadow line, the plans would have required a wood strip 3/8 inch x 1 1/2 inch or a strip of Tempered Preswood to be placed horizontally between the siding strips at the laps. Carpenters would have fastened the strip and the Tempered Preswood at each stud with two 10d galvanized siding nails.

Similar installations of exterior siding have been made in various parts of the country, corporation executives said. The residences with Tempered Preswood siding have withstood the weather exceptionally well. It was characteristic of the homes so finished, they said, that the paint lasted unusually long. They pointed out that since Preswood has no grain and no knots, there is nothing from within the board to mar the finish.

A severe test of the material occurred at Watertown, S. D., where a number of homes with conventional siding were damaged by a severe hail storm. In the area hit by the hail was a group of residences sided with Tempered Preswood. Not one felt any effects of the pounding.

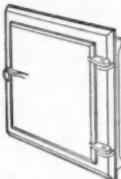
**BENNETT**  
"DEEP-SEAT"  
ASH DUMP

100% Heavier for Permanent, trouble-free service—9x4½ inches.  
Cat. No. C-203.



**CAST-IRON**  
CLEANOUT DOOR

Air-tight closure... convenient hinge-type door. Crimped masonry wires. Sizes 8x8, 12x8 inches.  
Cat. No. C-213.



**BENNETT**  
GRATES & LOG DOGS



Cat. No. A-502 Heavy Duty. Extra Deep, Removable Ends. Ash dumping trap. For Coal or Wood.



Cat. No. A-503 Cradle Grate. Sturdy Coal or Wood Basket.



Cat. No. A-515 Wood Grate. Use with or without andirons. Good outdoor fireplace grate.



Cat. No. A-1491 Log Dogs for Heavy Logs. Project valuable andirons. Ideal for camp or outdoor fireplace.

**BENNETT**

*Warm-Aire*  
**FIREPLACE**



**THE BENNETT LINE**  
OF SALES PROVEN  
**FIREPLACE SUPPLIES**

The Bennett Fireplace line is complete—and profitable. And Bennett dealers enjoy a steady demand, thanks to our continuous national advertising. It pays to feature Bennett.

**SIMPLIFIED and STANDARDIZED**

This simplified Bennett fireplace is sized for standard brick, with no cutting or fitting. It lets you offer every customer "The Perfect Fireplace." Quicker and easier to build—it's priced within the reach of all. It's a big-volume, high-margin unit—a real profit-builder for you. Count on this Bennett—the recirculating unit with *most* sales appeal.



**BENNETT** *Expanslip*  
**THROAT DAMPERS**

A Better Damper at Low Cost. Steep 60° Front slope gives sure draft. Structural Steel with sturdy slip-joint eliminates damage in shipping, handling and in use. With unconditionally guaranteed steel valve. Cat. No. C-101.



**BENNETT**  
**CAST-IRON DAMPER**

A quality damper at competitive prices. Superior casting facilities in our own foundry enable us to produce this steep slope 50° Damper, with interchangeable Rotary or Ratchet Control feature. With guaranteed steel valve (No. C-103) or cast iron valve (No. C-104).



*Flexscreen*<sup>®</sup>

**SAFETY FIREPLACE CURTAINS**

The only Nationally Advertised curtain screen. Every fireplace owner is a prospect for Flexscreen. Its own best salesman, a display on your floor will increase your volume on this "quality" product. This year, the Flexscreen line includes a perfectly balanced line of Fireplace Accessories, too.

**BENNETT - IRELAND INC.**

*Established in 1887*  
NORWICH, NEW YORK

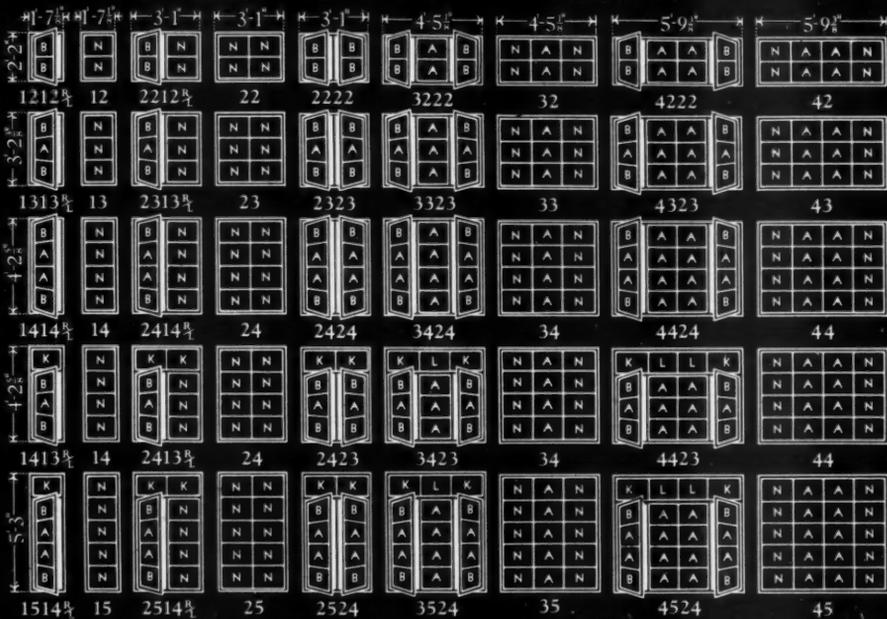
Write now to 451 Market St. for  
Catalog and Full Information on the  
**COMPLETE POST-WAR BENNETT LINE**

1818  
1951

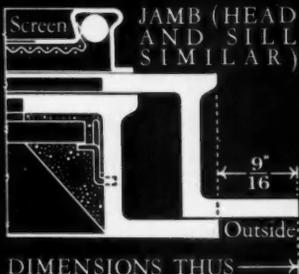
# HOPE'S

*The Name  
Guarantees*

## RESIDENCE (Holford) CASEMENTS



HOPE'S RESIDENCE WINDOWS represent the best in steel casement windows. Strong, economical and permanent, suitable to any type of architecture, adaptable to any construction (masonry or wood), they add greatly to the sales appeal of any home. Catalog No. 102K gives all construction details . . . shows how builders can save money in installation. Write for it today.



Full Size Detail

Roto Operator No. A90

Fastener No. 92

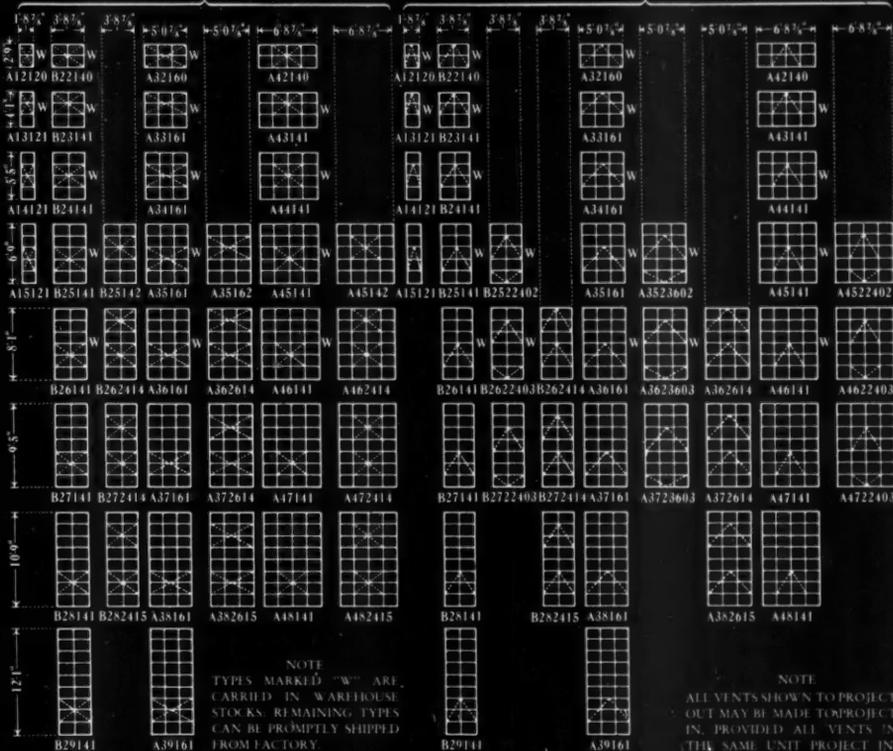
**HOPE'S WINDOWS, INC., Jamestown, N. Y.**

THE FINEST BUILDINGS THROUGHOUT THE WORLD ARE FITTED WITH HOPE'S WINDOWS

# HOPE'S Lok'd Bar FACTORY SASH

PIVOTED · WINDOWS ·

COMMERCIAL · PROJECTED · WINDOWS ·



## STANDARD · TYPES · AND · SIZES ·

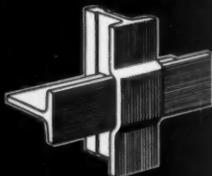
HOPE'S LOK'D BAR SASH are different from all other steel factory sash... safer for large glass areas, more resistant to shock, wear and corrosion.

EXTRA STRENGTH.....Double that of ordinary sash.

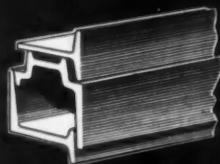
LOW MAINTENANCE...No loose or applied weatherings to corrode or break away.

HEAT SAVING.....Tight contacts limit air infiltration.

Hope's solid-welded construction of ventilators and Hope's integrally-rolled broad contact and weathering flanges are offered by no other pivoted or commercially projected steel windows. For complete information, write today, for Catalog No. 103L.



Hope's Lok'd Bar Joint... Threading the flat tee horizontal muntin thru the vertical bulb tee gives sash more strength in proportion to steel used and least harmful distortion of metal.



Hope's Integral Ventilator Sections give broad, double, weather-tight contacts all around the ventilators, reduce air infiltration, increase weather-tightness, no parts to work loose or rust away.

## HOPE'S WINDOWS, INC., Jamestown, N. Y.

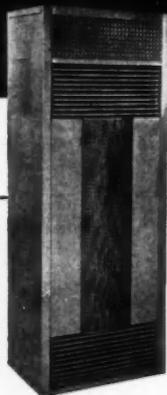
THE FINEST BUILDINGS THROUGHOUT THE WORLD ARE FITTED WITH HOPE'S WINDOWS

*specify...*

**Then your building schedules will not be restricted by lack of sheet metal ducts!**

Here are fully automatic oil-fired wall and floor furnaces specially designed for small home installation without duct work! These self-contained units provide a highly efficient flow of warm air throughout the home. Installation is easier and quicker. Operation is entirely automatic. Patented H. C. Little electric ignition has no pilot light to waste fuel! Burner operates on exclusive **LOW-TEMPERATURE CARBURETION PRINCIPLE**—no motors, no fans, no moving parts of any kind to break down or need servicing!

# H.C. Little no duct oil furnaces



#### H. C. LITTLE OIL-FIRED WALL FURNACES

Installed in partition wall; no ducts needed. Ideal for small homes, especially those built on concrete slabs. Provides uniform, whole-house heating automatically controlled.

**65,000 BTU PER HOUR HEAT OUTPUT**



#### H. C. LITTLE SHALLOW OIL-FIRED FLOOR FURNACE

For use where floor is unusually close to grade; no excavation needed that might collect seepage. Unit only 3 1/4" deep. Provides efficient heating throughout the home.

**50,000 BTU PER HOUR HEAT OUTPUT**



#### H. C. LITTLE OIL-FIRED FLOOR FURNACES

Installed in the floor; no ducts needed. Large volume warm air discharge assures uniform temperatures. Operation is entirely automatic.

**Standard Register Installation**  
Two sizes: 50,000 and 70,000 BTU PER HOUR HEAT OUTPUT

Dual register models available for installation under partition wall; 55,000 and 80,000 BTU PER HOUR HEAT OUTPUT.

**NO DUCTS NEEDED!  
EASIER TO INSTALL!  
SELF-LIGHTING!**

**100% AUTOMATIC OPERATION!  
BURNS LOW-COST FURNACE OILS!**

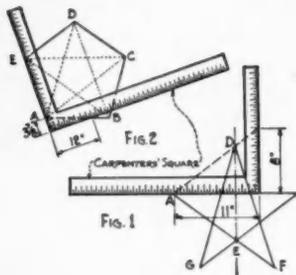
For full information write Dept. A-4

Baltimore, Md.	Detroit Lakes, Minn.	Reno, Nev.
Belmont, Mass.	Fayetteville, N. Car.	St. Louis, Mo.
Boise, Idaho	Newark, N.J.	St. Petersburg, Fla.
Chicago, Ill.	Portland, Ore.	Salt Lake City, Utah
Columbus, Ga.	Prescott, Ariz.	Seattle, Wash.

**H.C. Little  
Burner Company**

SAN RAFAEL, CALIF.

## How-To-Do-It



### How to Lay Out a Five Point Star or Pentagon

**FIG. 1. Five point star:** Use of the steel square is recommended in laying out a "five point star" when the distance between the opposite points is given.

Measure off line AB equal to width of shape desired. Mark point C the center of line AB and draw the center line square with AB. Lay the steel square along AB with the 11-inch mark at A. From A (11 inch point) draw a straight line passing through the 8-inch mark on the tongue. Where this line crosses the center line mark point D.

Make CE equal DC.

Make AF and BG equal AB. (Both lines drawn through point E).

Join DG and DF.

If the distance between the points AB is greater than 22 inches, the line from the 11 inch mark on the blade to the 8 inch mark on the tongue must be projected until it crosses the center line. Any size five point star may be thus laid out.

**FIG. 2. Pentagon:** To lay out a pentagon or five sided figure when the distance is known from point to point:

Lay out the required distance AB for the two points. Using 3 3/8 inches and 12 inches on the steel square draw the line AE equal in length to AB. Likewise lay out and draw line BC. On line BC, using the steel square as before, draw the line CD. Join ED, or from line AE lay out and draw the line ED. To draw five point star join every second point by straight lines. —P. J. Slatterie, St. Thomas, Ont., Canada.

### How to Cut a Hole in Roof for a 6 Inch Pipe

The problem confronting the builder was to cut a hole in roof for a six inch diameter pipe where it intersected a 7/8 roof pitch.

(Continued on page 298)

AMERICAN BUILDER



## Comfort AND SAVINGS PROVIDED with METAL WEATHERSTRIP

It's mighty hard to provide maximum comfort in homes that do not have the necessary full protection of Metal Weatherstrip to seal the cracks around windows and doors. It literally puts a blanket around them . . . prevents needless heat loss and discomfort.

Metal Weatherstrip pays for itself in two or three years by savings in fuel alone. Reductions in fuel cost range from 20% to 30%. In addition, it's a weather-tight defense against rain, wind, storm, snow and all moisture.

For better Metal Weatherstrip it's "smart business" to talk with anyone of the Weatherstrip Research Institute members. Suggestions and inquiries about metal

weatherstrip are invited— for the benefit of all.



*Weatherstrip—the original Fuel Conservator . . . Saves Most Fuel in Proportion to Cost!*

ALLMETAL WEATHERSTRIP CO.  
2241 N. Knox Ave., Chicago 39, Ill.  
BARLAND WEATHERSTRIP MATERIAL CO.  
1960 E. 59th St., Cleveland 3, Ohio  
CECO STEEL PRODUCTS CO.  
5701 W. 26th St., Chicago 50, Ill.  
CENTRAL METAL STRIP CO.  
4343 N. Western Ave., Chicago 18, Ill.  
CHAMBERLIN CO. OF AMERICA  
1254 LaBrasse St., Detroit 26, Mich.  
DENNIS & CO., W. J.  
4444 W. Irving Park, Chicago 41, Ill.  
DORRIN METAL STRIP MFG. CO.  
2410 S. Cicero Ave., Chicago 50, Ill.  
E-Z TIGHT, INC.  
611 S. Broadway, Albuquerque, N. M.  
GARDNER WIRE COMPANY  
1325 S. Cicero Ave., Chicago 50, Ill.  
HACKLARBURG-DUNCAN CO.  
Box 1197, Oklahoma City, Okla.  
MASTER METAL STRIP SERVICE  
1720 N. Kilbourne Ave., Chicago 39, Ill.

MORARON METAL WEATHERSTRIP CORP.  
6333 Ezel Ave., St. Louis 14, Mo.  
NATIONAL GUARD PRODUCTS, INC.  
P. O. Box 1520, Memphis, Tenn.  
NATIONAL METAL PRODUCTS CO.  
1025 Chateau St., Pittsburgh 12, Pa.  
NICHOLS METAL STRIP SERVICE  
2104 Gilbert Ave., Cincinnati 6, Ohio  
REESE METAL WEATHERSTRIP CO.  
712 Park Ave. S., Minneapolis 15, Minn.  
ROBBINS MFG. CO.  
1815 N. Central Park Ave., Chicago 47, Ill.  
SECURITY COMPANY  
1757 Puritan Ave., Detroit 3, Mich.  
SOUTHERN METAL PRODUCTS CORP.  
921 Rayner, Memphis, Tenn.  
SPARBERS CO., A. J.  
82 Tenth Ave., N.E., Minn. 13, Minn.  
WARRICK PRODUCTS  
6416 S. Ashland Ave., Chicago 36, Ill.  
ZEGERS, INC.  
8090 So. Chicago Ave., Chicago 17, Ill.

# Hidalift

THE 100% CONCEALED SASH BALANCE

## 2-way tension adjustment

*Cuts installation time*

Now you can tension either before or after installation. Hidalift balances offer you a choice.



### during installation

... the "L" type ... by twisting bracket arm to desired tension.



### after installation

either the cup or "L" type by simple adjustment of the exclusive tensioning screw with screwdriver.



CUP TYPE

**NO SPECIAL TOOLS NEEDED . . .** Save installation time—expense. Both "L" and cup type attaching brackets available for your special convenience.

QUALITY PRODUCTS FOR OVER A CENTURY



HIDALIFT DIVISION

The Turner & Seymour Mfg. Co., Torrington, Conn.

Gentlemen:

- Send complete literature and prices on Hidalift  
 Send sample Hidalift ..... "L" Type ..... Cup Type  
 Please check  Dealer  Builder

Name.....

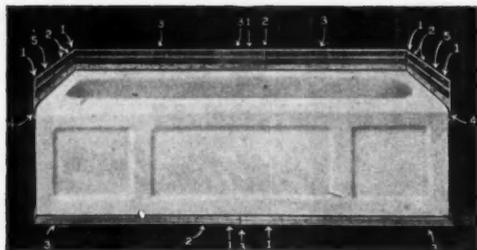
Address.....

City.....Zone.....State.....

For Trouble-Free } **Specify**  
 Bath Tub Edges } **LUCKE**

**Leak-Proof Bath-Tub Hangers**

**No Leaks • No Cracks • No Repair Expenses**



**Outstanding Features**

- 1—Bolts in hanger where necessary.
- 2—Filler to seal joints against leaks.
- 3—Two nails, screws or bolts at every stud.
- 4—Filler in groove between tub and Hanger.
- 5—Perforations as a base for wall materials.

**The Modern Way To Prevent Leaks**

There is no excuse for cracks or leaks or repair expense in good building. LUCKE Bathtub Hangers are specified and used by leading architects and build-

ers to overcome this problem. Lucke Hangers build tubs into walls. Tub rests securely in hanger along each wall.

Sold by Leading Plumbing Supply Houses

Manufactured by

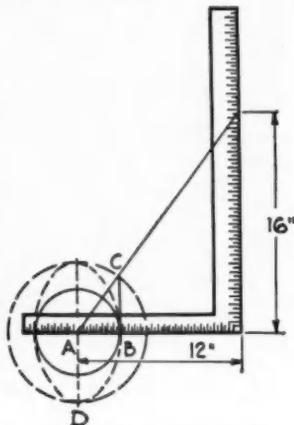
**W. B. LUCKE, Inc.**

Wilmette, Illinois

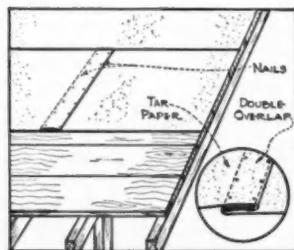


(Continued from page 296)

To determine the profile of pipe at intersection of roof the following method was employed:



The line drawn from 12 on the short leg and 16 on the long leg of square represents the pitch of roof. With 12 as the center and with radius equal to  $\frac{1}{2}$  the diameter of the pipe draw a circle and square up from the tongue to the pitch as indicated at B-C. A-B represents one half of the short diameter, and A-C one half of the long diameter of the pipe.—Ralph C. Pries, Bettendorf, Iowa.



**Correct Way to Lay Tar Paper on Roof**

When laying tar or felt paper on roof, prior to nailing the composition shingles in place, it is well to be assured that water will not seep through at the joints by making a double lap. This is done by bending the paper six inches back on the strip that is already nailed and then treat the other piece similarly. The ends are then slipped one over the other as shown in the drawing above and nailed. In the event that some water would get under the shingles, due to a driving rain, this doubled lap will effectively stop rain from entering house.—Herbert E. Fey, New Braunfels, Texas

**AMERICAN BUILDER**

THE MARK OF

*Quality*



**NORDAHL**

"in the wall" SLIDING DOOR FRAMES  
 and WARDROBE HARDWARE

Detailed descriptive literature available

write **NORDAHL**

172 W. ALAMEDA AVE. • BURBANK, CALIFORNIA



**For creating beautiful interiors at moderate cost**  
*In Homes, Apartment Buildings, Institutions, Churches, Schools, Hotels, Theatres, Clubs, Bars, Stores and other Commercial Installations*



Marlite is the registered trade name for a hard, flexible, durable and waterproof plastic-finished wall and ceiling panel produced by an exclusive high-heat-bake process that permanently fixes the decorator colors and seals the surface against dirt, grease, mild alkalis and children's smudges. Masonite Duolux, the sturdy base of Marlite, has for many years provided the smooth surface, strength and resistance to heat and moisture so necessary to meet the high quality standards of Marsh Wall Products, Inc., world's largest manufacturers of plastic-finished wall panels.

### COLORS and FINISHES

DELUXE FINISH		
PLAIN-COLORS	HORIZONTALINE	TILE-PATTERN
Jonquil Yellow	Jonquil Yellow	Jonquil Yellow
Cream	Cream	Cream
Mist Blue	Mist Blue	Mist Blue
Coral	Coral	Coral
Spring Green	Spring Green	Spring Green
White	White	White
Persian Red		Black
Pearl Gray		
Royal Blue		
Black		
Maroon		

**DELUXE FINISH**—A high-gloss finish featuring a mirror-like surface that glitters and sparkles with colorful beauty.

VELVETEX FINISH		
PLAIN-COLORS	HORIZONTALINE	TILE-PATTERN
Eggshell	Eggshell	Eggshell
Light Green	Light Green	Light Green
Suntan	Suntan	Suntan
Light Blue	Light Blue	Light Blue
Light Yellow	Light Yellow	Light Yellow
Snow White	Snow White	Snow White
Gray		

**VELVETEX FINISH**—A semi-gloss finish which provides a velvet-like surface.

### MARLITE SIZES and PATTERNS

*all panels 5/32" thick*

**WOOD PATTERN:** Plain Walnut, Striped Mahogany, Rift Oak (Natural), Quartered Prima Vera (Harewood Gray) and Quartered Prima Vera (Natural) in rich patterns that faithfully reproduce the natural grains of selected woods. 48" x 72" and 48" x 96" with grain running in the direction of the second dimension.

**MARBLE PATTERN:** Rose De Brignoles, Jaune Benou, Black and Gold, Skyros and Verdi Antique in stately, authentic reproductions of rare, imported marble. 32" x 48" and 96" x 48" with grain running in the direction of the second dimension.

**HORIZONTALINE:** Two pairs of score lines, centered 16" apart, run with the length of the panel. Standard sizes—4' x 4', 4' x 5', 4' x 6', 4' x 8' and 4' x 12'.

**PLAIN-COLOR:** A wide range of gay, cheerful colors for smart-looking interiors. Standard sizes—4' x 4', 4' x 5', 4' x 6', 4' x 8' and 4' x 12'.

**TILE-PATTERN:** New striping method adds to beauty of single score lines, spaced 4" apart, vertically and horizontally.

#### SPECIFICATION and INSTALLATION DETAILS

See your local Marlite dealer, or write for free, illustrated folders giving complete information on Marlite. Marsh mouldings for every type installation, Marsh caulking, adhesive and polish. Insist on *genuine* Marlite, your guarantee of quality.

### QUICK FACTS ABOUT MARLITE

**USES.** Walls, ceilings, doors and cupboards in residential bathrooms, kitchens, utility and recreation rooms, dens and powder rooms. And every type of commercial interior, including counters, displays, display window backgrounds, elevator interiors and landing areas.

**FOR NEW CONSTRUCTION OR REMODELING.** Large, easy-to-handle panels cover old walls or new. Present surface need only be dry, and reasonably smooth and straight.

**EASY TO WORK.** Marlite is easy to cut and fit with ordinary carpenters' tools. Panels cover wide areas swiftly, put rooms back into service without delay.

**EASY TO CLEAN AND MAINTAIN.** Marlite's lustrous finish is as durable as that on the finest refrigerator or display case, requires only an occasional wiping with a damp cloth to restore all the sparkling beauty. Never requires refinishing, painting or redecorating. Commercial users have cut maintenance costs as much as 75%. During commercial renovating, there is never any paint odors... never a need to move out perishables. Business goes on practically uninterrupted.

**WIDE RANGE OF COLORS AND PATTERNS.** Among Marlite's 64 color and pattern combinations, builders find a distinctive Marlite color and pattern to suit any decorative theme... permitting modern, beautiful interiors that are both pleasing and practical, at moderate cost.

### MOULDINGS FOR EVERY INTERIOR

Marsh Mouldings for any type wallboard interior bring enduring freshness to renovated rooms or brand-new installations. Aluminum Alloy and Presdwood shapes include matching mouldings for the striking new Marlite Wood and Marble Patterns. In addition, Marsh *Color-Matched* Aluminum Mouldings match every Marlite panel color, featuring the same durable plastic finish as genuine Marlite.



manufactured exclusively by  
**MARSH WALL PRODUCTS, INC., DEPT. 303 DOVER, OHIO**  
 Subsidiary of Masonite Corporation



**ONLY THE  
TRADE-WIND  
CLIPPER  
HAS ALL THESE  
ADVANTAGES**

**F**OR the best method of ventilating kitchens, bathrooms, laundries, dens or other small rooms specify and install the Trade-Wind Clipper. This proven ventilator is the only small room unit that gives the home owner every worthwhile advantage.

Squirrel cage blowers, accepted and used in air conditioning systems and for forced air heating, are used exclusively in the Trade-Wind Clipper. This forced air discharge, located at the ceiling, traps all unwanted air and expels it instantly. Trade-Wind also has located the motor completely outside the greasy air stream. The motor stays clean indefinitely—requires far less service—and is guaranteed for 5 years. No other small room ventilator combines all these outstanding advantages. In addition, Trade-Wind Clippers are easy to install—they are competitively priced\*—and they make every new owner another salesman for the Trade-Wind line.

Get the complete story from your local supply source, or mail the coupon today.)

\*Important price reduction has just been made on Model 2501.

**MAIL THE COUPON TODAY**

**TRADE-WIND MOTORFANS, INC.**  
5705 S. Main St., Los Angeles 37, Calif.

Please send me the complete story on the Trade-Wind Ceiling Ventilator.

Name \_\_\_\_\_

Address \_\_\_\_\_

## Report Heat Removal By Cooling Panels In Rooms Of House

Substantial removal of unwanted heat from a room can be done by cooling panels—even if their temperatures are lower than the room air temperature, Charles S. Leopold, consulting engineer, of Philadelphia, told The American Society of Heating and Ventilating Engineers at the 57th annual meeting in the Bellevue-Stratford hotel recently.

This is possible because electric lights and sunlight are sources of high temperature radiant energy which is converted into thermal energy when it strikes surfaces which are at temperatures below their own, Mr. Leopold said. The cooling panels can therefore be maintained at temperatures high enough to prevent the possibility of condensation on their surfaces becoming a source of trouble, he declared.

"A large portion of the heat loads which must be removed from a building is initially in the form of radiation from either electric lights or sunlight. And this radiation has only a small direct effect on heating the air and a large effect on heating the interior surface of the building," Mr. Leopold said. "Radiation from lights and sun has a marked effect on the

performance of both air cooling and panel cooling systems."

Cooling panels can be perforated to allow for sound-absorbing media above without materially affecting their thermal performance, he said, but a greater economy in the use of materials may result when only a portion of the ceiling is in the form of panels and the remainder in less expensive materials.

Exploiting the idea of removing as much energy as possible at the source led to the design of the panels in part as the reflector for a lighting fixture, he said. The performance per unit area of such a panel is higher than a normal ceiling panel since much of the radiation as well as convected and conducted heat is directly intercepted before it warms other room surfaces or the room air, Mr. Leopold declared.

## FROM OUR BOOK DEPT.

### NEW HOUSES FROM OLD—

By R. R. Hawkins and C. H. Abbee. A guide to the planning and practice of house remodeling for actual or potential home owners. Advice on whether or not the house is worth remodeling, how to plan needed remodeling, and how to use advantageously all modern appliances and ideas.

1948. 568 pages, illus., 6 x 9, cloth, \$4.95

## another builder chooses CALCINATOR!



Benton Lefton, builder of Housemart Homes has chosen Calcinator over all other garbage disposal units for its neat, modern appearance and silent, automatic action.

Calcinator disposes of all kitchen scraps, paper and trash. No sewage or water pipe connections. Easily installed. No moving parts to require servicing. Calcinator operates on gas, bottled gas or electricity.

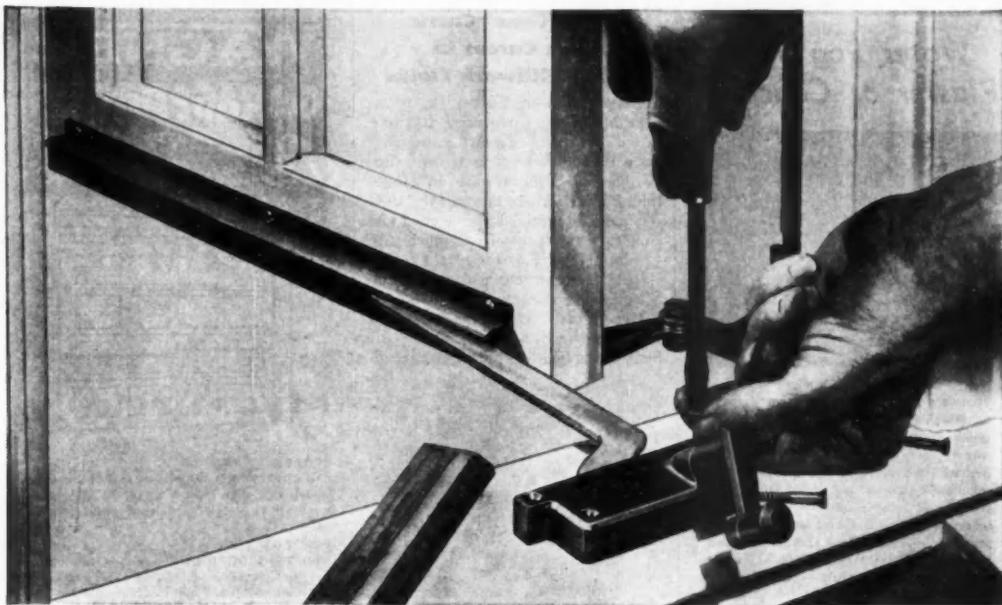
Try Calcinator in your own kitchen, utility room or basement. You'll agree it's every builder's ideal "selling point." Write Dept. AB for further data and specifications.

\*Housemart Development in Cleveland suburb, Euclid, Ohio, will have gas Calcinators, kitchen and heating appliances serviced by lines of the East Ohio Gas Co.

U.L. and A.G.A. approved

**CALCINATOR**

**DIVISION — VALLEY WELDING & BOILER CO.  
BAY CITY, MICHIGAN**



**EASY AS PIE**  
**2 MEASUREMENTS, 6 SCREWS, THAT'S ALL!**

Whether you are installing new wood casements or replacing obsolete operators or staybars, you will appreciate the simplicity of applying Getty operators. One jamb measurement, one stool measurement, and the operator is positioned; then 6 screws—3 in the operator housing and 3 in the channel guide—and the job is complete in just a few minutes' time.

Ease of installation is but one reason why Getty operators are used on more casement windows than all other operators combined. They are handsome, precision-built units, they function smoothly, they provide years of trouble-free service.

*Write for our descriptive brochure D. It contains complete information on our three types of operators (internal gear, external gear, horizontal drive) and our specialty hardware for every type of wood and metal casement.*



*Permits 100% window opening!*

*If economy is a consideration in your new home construction, think seriously about using casement windows employing Getty operators. The hinge feature of casements is far less costly than the remote weight and cord arrangement in ordinary windows. Casements are exceedingly low in maintenance costs, too. And that's something your customers won't forget.*

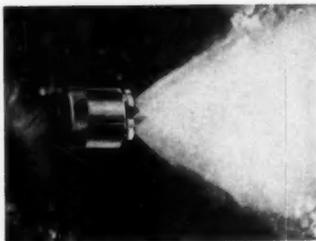


*No need to remove screens and disturb blinds when opening or closing windows!*

H. S.  & Co., Inc.

3348 NORTH 10th STREET • PHILADELPHIA 40, PA.

## Water Fog your Plaster or Concrete



Eliminate possibility of watering damage or streaking with new Fog-It Nozzle, which breaks water into gentle, fog-like spray. Wets large surfaces thoroughly in a short time, using very little water. An excellent quick-wetting device for plaster, stucco and cement work — it answers a long-felt need. Operates on high or low pressure — attached to standard garden hose. Fully guaranteed. Only \$1.95. If your dealer cannot supply — send check or m. o. to

Fogg-It Sales Company  
Dept. AB-4, P. O. Box 383,  
Downey, California.

## SEAL-ALL CLIPS



Actual size  
of Seal-All Clip

A simple sturdy clip designed to interlock shingle sections and prevent raising of asphalt shingle tabs. The perfect clip for hexagonals, 3 in 1 strips and individuals laid up Dutch Lap method.

- Made of solid copper wire—pliable yet strong enough to anchor single sections.
- Cannot rust out.
- Hammer is only tool necessary.
- Easy to handle.
- Beauty of roof unmarred.
- Perfect on repair jobs to correct leaky, unsightly roofs
- Millions in use since 1935.

BUILDERS AND DEALERS! For complete information and free samples, write today.

### SEAL-ALL CLIP COMPANY

BOX 302B

FLINT 1, MICH.

302

## Death of "Gene" Curtis Ends Long Career in Lumber, Millwork Fields

Eugene Judson Curtis, 66, president of Curtis Companies Incorporated, Clinton, Iowa, nationally-known woodwork manufacturer, died Wednesday, February 28, in Honolulu, Hawaii, where he and Mrs. Curtis had just arrived for a vacation. Funeral services were conducted in Clinton, March 5, at the First Presbyterian Church, and burial was in Springdale cemetery.

Gene Curtis, as he was known by his many friends and associates in the lumber and building industry through-



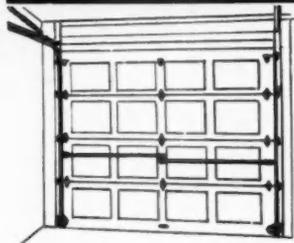
Eugene Judson Curtis

out the nation, was born in Clinton, Iowa, July 26, 1884. He was the son of Martin Curtis, one of the founders of Curtis Companies Incorporated, originally established in 1866.

He grew up in the lumber business and had been active in the lumber and woodwork industry during his entire business life. He joined the Curtis organization in 1909 and served the business in many capacities. He was executive vice president and director from 1921 to 1947, when he succeeded his brother, George Curtis, as president. He was director of the National Woodwork Manufacturers Association; chairman of the board and director of McCloud River Railroad Co., McCloud, Calif.; director and secretary of Bald Mountain Mining Co., Lead, S. D.; and director of the Employers Mutuals Insurance Co. of Wausau, Wis. He was a past director of the National Association of Manufacturers, and was one of the original founders of Ponderosa Pine Woodwork and a director of that organization for 10 years and president for two terms.

At the time of his death he was a member of the millwork advisory committee, forest products division of the National Production Authority. In the depression years he served as member and director of the control committee, lumber code authority, under NRA.

## WAGNER GARAGE DOORS AND Electric OPERATORS



### "ROLLEZY" AND

"GLIDEOVER"—A wide range of overhead models and sizes from 8' x 6' 6" to 24' x 24' to meet all residential and commercial requirements.

### "AUTOMATIC

ELECTRIC DOORMAN"—Push-button operator for opening and closing ANY make of sectional overhead and most one-piece doors.

WAGNER ALSO MAKES—Saw horse trestles, scaffold, roof, and folding ladder brackets and hardware specialties. Ask for Bulletins.

### WAGNER MANUFACTURING CO.

BOX AB-51

Cedar Falls, Iowa

### Send for These

## VALUABLE BOOK LISTS

### For Builders



You can quickly locate an up-to-date book on almost any building subject if you have on tap these new Book Lists for Builders. Uniform in format, 8½ x 11, 8 to 16 pages, they can be punched for a ring binder or filed for future reference.

1. HOUSE PLAN BOOKS. Describes 225 house, summer home, farm and other plan books of all publishers. Most complete list ever compiled.
2. ESTIMATING BOOKS for the Light Construction Industry. Describes 80 estimating and appraising books, forms and pads, with year of latest edition.
3. CARPENTRY AND BUILDING BOOKS. Describes 104 books on carpentry, steel square, roofing, blueprint reading, building construction and related subjects.

### Free on Request

Book Service Department

### AMERICAN BUILDER

30 Church St.

New York 17, N. Y.

AMERICAN BUILDER

# 7 out of 10 homes need this product *now*

**How Brainard's new TEL-O-POST  
can get extra business for you**

## YOUR MARKET

**S**EVEN out of 10 homes need extra floor support—temporarily or permanently. Settling, rotted wooden posts, beams split from age, extra heavy loads on upper floors—these conditions call for Tel-O-Post—the original telescopic, all-steel, adjustable post with built-in jack. Shrinkage and settling in old and new homes can be quickly corrected.

You'll get more of this market with the Tel-O-Post because its maker—Brainard Steel—has put new, exclusive features in the Tel-O-Post . . . without a premium price.

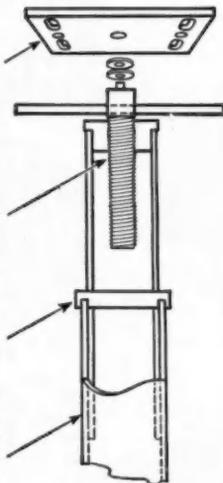


**1. CAP AND BASE PLATES** are flat (not embossed), 1/4" thick, have a 4" x 8" surface, carry safe, usable loads of 12,500 pounds; maximum to 22,000 pounds (more than average residential use). Slotted holes in cap plate for bolting to steel beams; separate nail holes for wood beams.

**2. JACK SCREW** has up-ended thread; eliminates possibility of running screw completely out of safety nut. Jack screw cannot freeze—liberal coating of a non-hardening grease assures free, easy adjustments. Grease is inside post, stays free of dust, will not rub off.

**3. SAFETY LOCK PIN** (patented), 3/8", assures positive lock in any desired position; prevents collapse of tube under pressure.

**4. COLUMN** is made of heavy gauge prime steel. All parts, except jack screw and washers, are cleaned and painted with rubber-base, hard-surface gray paint—inside and out.



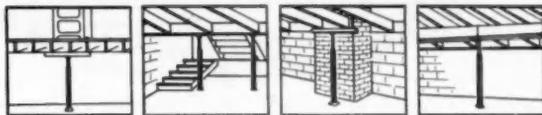
### A SIZE FOR EVERY PURPOSE

- No. 1 Post—5' to 8'4"
- No. 2 Post—3'2" to 5'
- No. 3 Post—1'8" to 3'
- No. 4 Post—12" to 1'3"

### PACKAGED TO HANDLE AND SELL

Tel-O-Post comes in bright silver carton. Most popular size, packaged, weighs 38 lbs. Complete instructions with every Tel-O-Post.

### SOME OF THE MANY USES FOR TEL-O-POSTS



Corrects sag from excessive weight of heavy household goods.

Corrects sag from inadequate support at cellar stairwell.

Corrects sag from inadequate support at fireplace and chimney.

Corrects sag from weight of upper floor partitions.

Additional facts on Tel-O-Post are yours for the asking—write:



BUILDING PRODUCTS DIVISION

**BRAINARD STEEL COMPANY**

1414 GRISWOLD STREET • WARREN, OHIO

MANUFACTURERS OF TEL-O-POSTS, STEEL-STRONG POSTS, BRITE-LITE AND STANDARD AREAWALLS

APRIL 1951

303

## Timber-r-r-r



"I still think it would be better to buy our lumber already cut!"

### GET MORE BUSINESS

with less work by using these 104 "Timber-r-r-r" cartoons in YOUR newspaper advertising. YOU owe it to yourself to find out how these cartoons will SAVE your advertising dollars and help YOU SELL. Do yourself a favor and ask to see the other 103 cartoons. Mats available in 1 or 2 column size.

#### CARTOONS IN YOUR ADVERTISING WILL PAY YOU BECAUSE:

1. You get more readers per advertising \$.
2. You SAVE your own time.
3. Build more Good-Will. Folks like a jolly fellow.
4. Give your advertising Continuity, Humor and Variety.
5. Also good for mailing cards, blatters, etc.
6. Mats available in 1 or 2 column size.

You Can Get the Exclusive on Them for Your City (If Open) at Small Cost. Don't Delay—Write Today to:

#### LIL-AD FEATURES

RFD 3, Box 150, Santa Ana, Calif.

Name .....

Address .....

### Built-in Cooking Units

A new line of gas built-in cooking units, manufactured by the Chambers Corp., Shelbyville, Inc., includes an



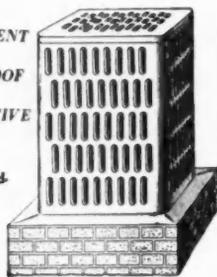
oven which can be built into a kitchen wall or incorporated as a part of the kitchen cabinet arrangement; and two gas burner units—completely detached from the oven—which can be built into cabinets or onto counter tops, either adjacent to the oven or in other areas of the kitchen.

### PERFORATED CLAY

CHIMNEY TOPS • NON CORROSIVE, ACID-PROOF, HEAT-RESISTANT • FOR INCINERATORS, CHIMNEYS, HEATING UNITS, FIRE-PLACE FLUES

PERMANENT  
FIREPROOF  
ATTRACTIVE

Pat. Pend.



Write

The PERMA-TOP Co.  
410 Shadyhill Rd.  
Pittsburgh 5, Pa.

## ANOTHER ADAMS-RITE INSTALLATION!



### Prudential Insurance Company Building, Los Angeles

Adams-Rite 0161 horizontal locks are used on all the exterior "Tufflex" Libby-Owens-Ford glass doors of the new Prudential Building in Los Angeles. Welton Becket, Architect.

These locks are available with single or double bolts and 1 or 2 cylinders. The handle operates the bolts in sequence and the cylinder locks the handle.

Write for catalog.



QUALITY HARDWARE FOR OVER HALF A CENTURY

ADAMS-RITE MANUFACTURING CO.

140 WEST CHEVY CHASE DRIVE, GLENDALE 4, CALIFORNIA, U. S. A.

# Speed-up Sanding



Cleans Sands Smooths Polishes

\$34.50

SpeedWay Speed Sander

This powerful, motor driven, orbital motion, finishing sander works easily in all positions—in hand weight 5 lbs. Takes any sand paper or sheet abrasive—three 4 1/2" x 5 1/2" covers set from standard 9" x 11" sheet. Cast aluminum body, chrome plated. All-sealed-ball bearing construction. Powerful AC induction motor—direct connected—no gears or heavy housing. No floor finishing sander at any price. Your dealer will demonstrate.

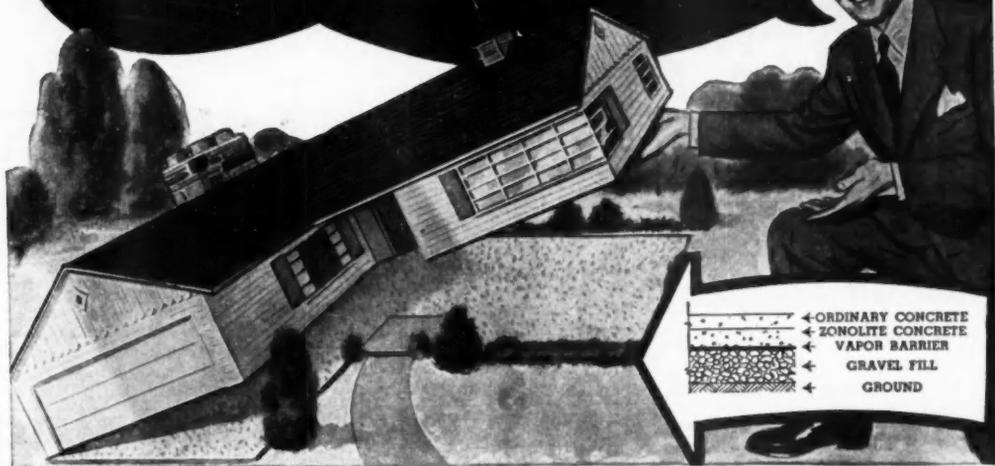
Write for circular.

WRITE FOR CATALOG  
SpeedWay MANUFACTURING CO.  
1882 So. 52nd Ave., Cicero 30, Ill.

AMERICAN BUILDER

**In Every Location the Real  
PRIZE-WINNING BASEMENTLESS HOMES**

**Are Built With ZONOLITE<sup>®</sup>  
INSULATING CONCRETE**



**Zonolite—the concrete that insulates—makes the most efficient, trouble-free and permanent ground level floor slab ever laid!**

**Zonolite Floors Are Warmer, More Comfortable  
... Free from Dampness**

Zonolite Insulating Concrete has 16 times the insulating efficiency of ordinary concrete! It blocks condensation, cuts heat loss into the ground. Modern basementless homes built with Zonolite have added year 'round comfort, cost far less to heat. No wonder more and more home buyers demand low cost Zonolite insulated floors!

**Zonolite Insulated Floor Slabs Are  
Permanent as the Earth Itself!**

Once installed, Zonolite Insulating Concrete lasts the life of the building. It cannot rot, decay or deteriorate. In-

vestigate this way to build basementless homes that have better value, added comfort and economy through the years. Get details on Zonolite Vermiculite Concrete now.



**Radiant Heating Is More Efficient,  
More Economical with Zonolite**

Zonolite Insulating Concrete does two important jobs when used in radiant heated floor slabs. First, Zonolite prevents heat loss to the ground, keeps out cold and moisture. Second, its low heat capacity does away with "heat lag" and "over-ride," gives instant response to thermostatic controls.

**ZONOLITE**  
with the  
**BRAND**  
**VERMICULITE**  
**INSULATION**

**MAIL  
THIS COUPON  
RIGHT NOW!**

ZONOLITE COMPANY, Dept. AB-41  
135 S. La Salle St., Chicago 3, Illinois

Gentlemen:

I'm interested in better, more efficient floors. Send me booklet CA-4 describing Zonolite Vermiculite Insulating Concrete right away.

Name.....

Address.....

City.....Zone.....State.....

## WEATHER-BLOC

Trade Mark

Patent Applied For

### Single Unit VENTILATOR FOR GLASS BLOCK PANELS



### VENTILATION..Plus Beauty WHY NOT GIVE BOTH?

**WHEN PLANNING**—New buildings . . . or remodeling old buildings . . . be sure to get full information about WEATHER-BLOC Single Unit VENTILATOR for glass block small panels.

**WIDE APPLICATION**—HOMES—Kitchens, bathrooms, stairwells, fruit cellars; STORES—show window fronts, side windows, store rooms; OFFICES—for ventilating inside as well as outside walls or panels.

**WEATHER-BLOC FEATURES**—Blends with glass block. The outside presents a series of horizontal louvers, which maintain the continuity of design, simulating a glass block. The inside offers finger tip control of ventilation with adjustable louvers. The body is stainless steel. Aluminum screen. All parts can be cleaned and replaced from inside the room. Available in three sizes of standard glass block.

**WEATHER-BLOC MODELS**—There are 3 models available. STANDARD WEATHER-BLOC with glass louvers outside and inside. UTILITY WEATHER-BLOC has stainless steel louvers outside and glass louvers inside. ECONOMY WEATHER-BLOC with stainless steel louvers outside and inside, 6 and 8 inch only.

WEATHER-BLOC takes no more time to install than single glass block. In old or newly completed glass block panels where ventilation is required, break out single glass block and replace with WEATHER-BLOC.

**PURCHASE THROUGH  
YOUR GLASS BLOCK DEALER OR JOBBER  
ALSO NATIONALLY DISTRIBUTED BY  
WINCO DISTRIBUTING & MFG. CO., INC.  
533 Bittner Street St. Louis 15, Missouri**

## WEATHER-BLOC

Air Rectifiers, Inc.

3734 Southport Avenue, Chicago 13, Illinois

Please send complete information and prices.

Name .....

Address .....

City ..... Zone ..... State .....

## INDUSTRY BRIEFS



Olson

New president of Swedish Crucible Steel Co., Detroit, manufacturer of Olsonite plastic, is Oscar L. Olson. He succeeds his father, the late Nels L. Olson, who established the business as a small Detroit steel foundry 41 years ago.

\*\*\*\*\*

Formation of a company-owned subsidiary, the Dexter Lock Co., by the National Brass Co. has been announced by Lou Dexter, president of the parent firm. One of the purposes of the subsidiary, Dexter said, is to incorporate the trade name, "Dexter Locks," in the company name. An underlying objective of the subsidiary, according to Dexter, is to bring a greater division between the lock line and National Brass' general hardware line and to place greater emphasis on the 28 years' experience in lock manufacture.



Dexter

Appointment of F. O. Marion as sales manager for Masonite Corp. has been announced by Eugene Holland, president. Marion succeeds the late Walter G. Stromquist whose assistant he had been for the past 14 months. Marion joined Masonite in 1936 as a dealer salesman. Prior to becoming assistant sales manager he was assistant manager of industrial sales and assistant manager of the sales engineering department. He served five years as a B-29 bombardier-navigator.



Marion

\*\*\*\*\*



Smith

Frank J. Smith, former advertising and sales promotion manager of the Philip Carey Manufacturing Co., is the new head of the NuTone, Inc., advertising and sales promotion departments. J. Ralph Corbett, NuTone president has announced. Smith will co-ordinate sales promotion activities of the company's three regional offices in New York, Chicago and Los Angeles.

## FINER FINISH SANDING AT A NEW LOW PRICE!

STRAIGHT-LINE  
RECIPROCATING  
ACTION LEAVES  
NO MARKS

14,400  
SANDING  
STROKES  
PER  
MINUTE

(PATENTED)

ONLY  
\$24.50

WITH STEEL  
SANDING CASE  
AND COMPLETE  
ACCESSORIES



**RUGGEDLY BUILT  
FOR AN ECONOMY-WISE  
BUILDING INDUSTRY**

The new Dremel Model 2000 is a fast-cutting, finish sander. It offers for the first time in the building field, a top-quality electric sander at a remarkably low price. Truly a versatile performer, it sands dry-wall joints, smooths plaster, puts a satin-like finish on doors, woodwork, siding, etc. Rugged construction, trouble-free design—plus low initial purchase and operating cost—all demand your thorough investigation. Call your supplier, or write us for details.

• Only Two Moving Parts — Uses 110-120 v. A.C.

• Easily Operated with Only One Hand — Continuous Use Doesn't Tire Operator.

• Weight Less than 5 lbs. — Over-all Size, 3 1/2" wide x 4 1/2" x 7".

• Dust-Proof—Fool-Proof—Fully Guaranteed.

• 21 Square Inches of Sanding Surface.



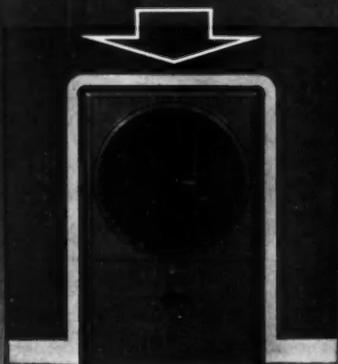
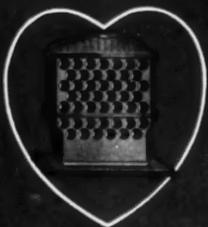
DREMEL MANUFACTURING CO., 2414 18th Street, RACINE, WIS.

EVERY BUILDER NEEDS . . . EVERY BUILDER CAN AFFORD  
THE NEW DREMEL ELECTRIC MODEL 2000 SANDER

# COROAIRE DOES IT AGAIN!

*New, Revolutionary* IN-THE-WALL HEATING SYSTEM

Exclusive patented feature  
—COROIRE CAST-IRON  
VENTURI TUBE HEAT  
EXCHANGER — supplies 5  
times greater heating surface  
— traps heat 5 to 1 — un-  
matched efficiency and  
economy.



The new COROIRE 90WM  
IN-THE-WALL Heating System  
... AGA approved ... ac-  
claimed by authorities and ex-  
perts as the perfect answer to  
3½ to 7 room, one floor, pri-  
vate, public, defense and  
military projects—homes  
or apartments.

For Large and Small Housing Projects  
One Unit Heats a House or Apartment

DISPLACES EXPENSIVE-TO-INSTALL DUCT  
SYSTEMS OR MULTIPLE INSTALLATIONS  
OF ORDINARY FLOOR, WALL, RADIANT,  
CIRCULATING HEATERS.

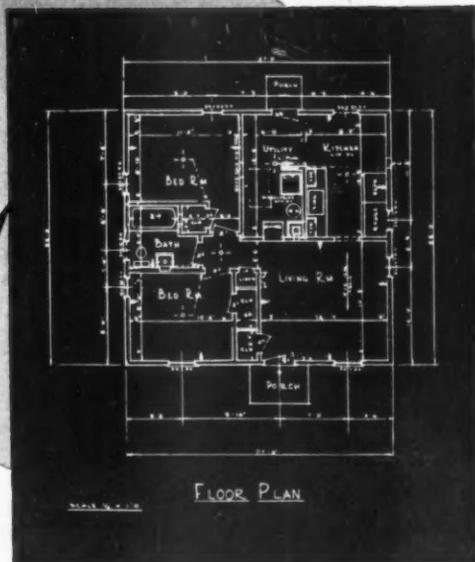
Completely automatic gas heat—forced  
circulation—humidification—filtration.  
NO COSTLY DUCT WORK... NO  
HARD-TO-OBTAIN SHEET METAL.  
Finished to blend into any decorative  
scheme. Installed cost less than a refrig-  
erator or television set.



**THE COROIRE HEATER CORPORATION**

Hi-Boy Furnaces ... Hot Boy Space Heaters  
Dept. PDM, 1422 Euclid Avenue, Cleveland 15, Ohio

APRIL 1951



# Stainless Steel

## Now limited to essential production

Because of the high content of nickel and chromium in stainless steel, the National Production Authority has restricted the use of stainless steel for residential purposes.

We know that this ruling works a hardship on the many building and plumbing contractors and suppliers who have, for many years, depended upon JUST Line Stainless Steel equipment for kitchen sinks, cabinet tops, sink bowls, etc., for residential construction.

We, here at the JUST MANUFACTURING COMPANY, are proud to have been selected as one of the firms to supply stainless steel equipment to our Government and its institutions, as well as laboratories, hospitals and schools, and industrial plants engaged in essential defense production.

And, because we have the facilities, the manpower and the "know-how," we are able to serve our Government and these institutions efficiently and speedily.

We regret that, because of this emergency, we are unable to serve you right now. But we look forward to the day—which, we hope, is not far off—when we will again be able to supply your residential needs.

**Just** Manufacturing Co.  
4610-20 W. 21st Street, Chicago 50, Illinois

## INDUSTRY BRIEFS

F. R. Weddington has been named general manager of the Wholesale Division of Wm. Cameron & Co., G. H. Zimmerman, president, has announced. He succeeds Frank Stevens who recently resigned as vice president and general



Weddington

manager of the division after 40 years with the company. Sales manager of the firm since 1937 after joining it in 1919, Weddington is a member of the board of directors. He is active in industry organizations, currently president of the American Wood Window Institute.

\*\*\*\*\*



Dever

Succeeding Weddington as sales manager is Coleman Dever, with the Cameron company since 1923 and assistant sales manager since 1937. Also announced by the company was the appointment of James W. Collins, formerly of Duff, Anderson and Clark, Chicago, as merchandising consultant.

\*\*\*\*\*

The Westinghouse Electric Corp. has been awarded the Merit Award by the American Society of Industrial Engineers for leadership in research, engineering, design and manufacture in the home laundry equipment field. The award was made on the Westinghouse Studio-One television hour by Robert L. Crinnian, ASIE president, and accepted for the company by John H. Ashbaugh, vice president in charge of the Electric Appliance Division.

\*\*\*\*\*

Additional Westinghouse news, announced by President Gwilym A. Price, is the election of four new vice presidents. They are Tomlinson Fort, who is manager of the headquarters sales department at Pittsburgh, Pa.; L. W. McLeod, southwestern district manager, St. Louis; Emery W. Loomis, middle Atlantic district manager, Philadelphia; and L. E. Lynde, who has been New England district manager at Boston, but now will head the company's Washington, D. C., government office.

\*\*\*\*\*

Marking the 85th anniversary of the founding of the firm in 1951, Curtis Companies Inc. will conduct an extensive advertising campaign for Curtis Woodwork and Silentite Windows, L. H. Rausey, general sales manager,

(Continued on page 310)

AMERICAN BUILDER

**Cummins**

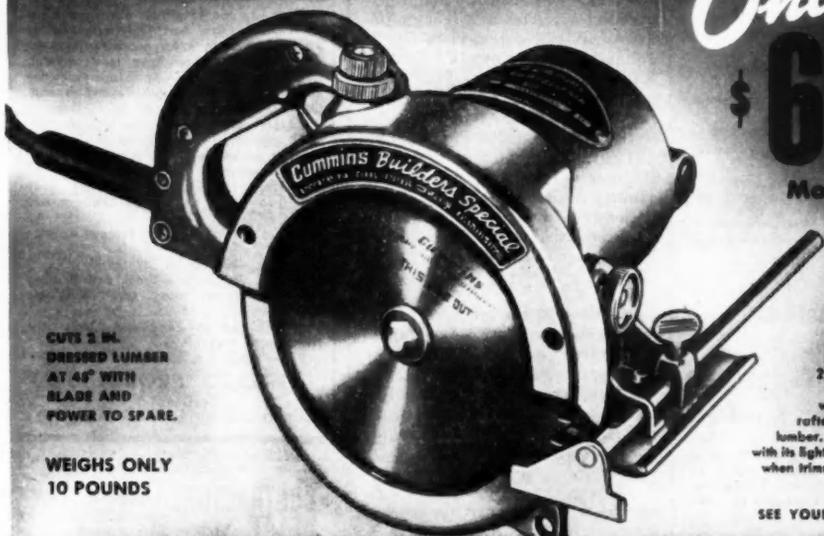
# Builders Special

**POWER SAW GIVES YOU ALL THIS FOR**

*Only*

**\$ 69.<sup>50</sup>**

**Model 700**

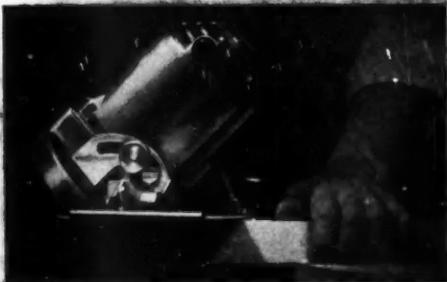


**CUTS 2 IN.  
DRESSED LUMBER  
AT 45° WITH  
BLADE AND  
POWER TO SPARE.**

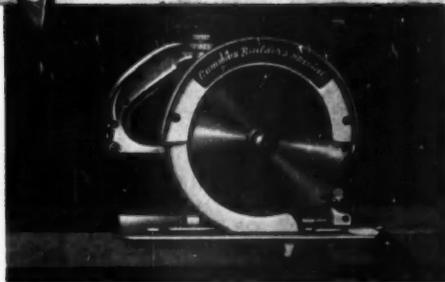
**WEIGHS ONLY  
10 POUNDS**

IT'S THE  
WONDER  
Saw of the Field!  
You'll MARVEL at  
its cutting speed on  
rip and cross cut.  
Equipped with a  
6 3/4 in. blade; cuts  
2 1/2 in. on square cuts.  
You'll be AMAZED  
when you make every  
rafter cut in 2 in. dressed  
lumber. You'll be DELIGHTED  
with its light weight (only 10 lbs.)  
when trimming off roof boards,  
siding and flooring.

**SEE YOUR DEALER TODAY!**



**BEVEL ADJUSTMENT IS QUICK AND EASY.** Knurled knob in convenient position; adjusts from 0° to 45°. Locks securely to hold adjustment accurately.



**BASE ADJUSTS VERTICALLY FOR DEPTH OF CUT.** Easy to use adjusting knob at top of saw guard. Adjusts base accurately from 1/4" to 2 1/4".

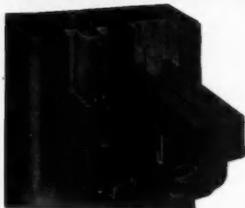


## **Cummins** PORTABLE TOOLS

DIVISION OF CUMMINS - CHICAGO CORPORATION  
4740 NORTH RAVENSWOOD AVENUE • CHICAGO 40, ILLINOIS  
IN CANADA: CUMMINS PORTABLE TOOLS, 33 Church Street, Toronto, Ontario

**ASK YOUR JOBBER ... ASK YOUR JOBBER ... ASK YOUR JOBBER ... ASK**

The Milwaukee  
Combination  
**SASH BALANCE**  
and  
**WEATHERSTRIP**



Available with or without bronze covers that completely hide spring, as shown above.

**PERMITS REMOVAL OF SASH WEIGHTS, INSULATION OF MULLIONS.**

### Slash Labor Costs

Simple installation allows one man to easily install 30 or more windows in 8 hours. No high-priced skilled labor needed. This means you can get more satisfied customers at lower cost . . . higher profit!

### Tops in Operation!

Smooth, positive action; accurate balance; finger-tip control plus the perfect seal against draft, dust, moisture. No wood-to-wood contact. Prevents sticking windows and window rattle.

**EFFICIENT  
LOW  
COST**



**FOR OLD  
OR NEW  
BUILDING**

ATTENTION MILLS AND LUMBER YARDS

**IDEAL FOR PRE-FIT WINDOWS**

Can Also Be Sold in Single Unit Packages

**Mail this coupon today!**

Milwaukee Strip Service, Inc.  
4621-23 W. Lisbon Ave.  
Milwaukee 8, Wisconsin

Please rush me folder A4 and price list of Milwaukee Combination Sash Balance Weatherstrip.

Name .....

Address .....

City ..... Zone ..... State .....

310

## INDUSTRY BRIEFS

(Continued from page 308)

reports. Consumer full-color advertising will start in April, with a strong trade paper campaign backing up the advertising in general consumer publications, he said.

\*\*\*\*\*

Three new directors have been elected and a new vice chairman and a new president appointed in a re-organization of executive responsibilities in **Johns-Manville Corp.** **Clifford F. Rassweiler** is director and vice chairman of the board, a newly-created office, with charge of the new planning board. President and director is **L. M. Cassidy**, who joined the firm in 1926. He succeeds **R. W. Lea** who retired in January, 1951. **A. R. Fisher**, vice president for production and general manager of the asbestos fibre division, has been named a director.

\*\*\*\*\*

**Johns-Manville** vice-presidential appointments announced were: **Harold R. Berlin**, general manager of the building products division; **J. A. O'Brien**, general manager of the J-M Building Products Division; and **A. S. Elsenbast**, general manager of the J-M Celite Division.

\*\*\*\*\*



Giles

**J. H. Giles** was recently named executive vice president and director of the **Reserve Supply Company**, St. Paul, Minn. Giles joined Reserve Supply several years ago when he retired from his own business as a building material manufacturers representative. Prior to that he was for years assistant sales manager of Insulite.

\*\*\*\*\*



Wilber

**Edward B. Wilber** has been elected president of the **American Lumber and Treating Co.**, succeeding **J. F. Linthicum**. Wilber was associated with the **Aluminum Co. of America** for 30 years before taking his new post, and was last New York district sales manager. **Linthicum**, retiring from active management after 14 years with the lumber-treating firm, will continue as a director.

## SHARPEN and GUM All Types of Circular Saws YOURSELF



**Cheaper...  
Faster...  
Easier...  
and With  
Greater  
Precision**

Now, you can keep your own saws sharp for cleaner, faster cuts. Only fixture of its kind. Precision-built for precision sharpening. Just mount on base for practical, permanent, self-contained fixture ready for instant use. Take the mystery and expense out of sharpening.

Send check or money order . . . money-back guarantee . . . nothing to lose . . . shipped prepaid with complete, clear operating instructions.

**MODEL 135** Fixture (illustrated) only \$29.95 for 1 1/2" to 12" dia. Other models up to 20".

Tables tilt either side to sharpen angular faces.

**MODEL 400** Saw Set only \$9.95  
**MODEL 300-A** Dust Proof Ball Bearing Grinding Wheel Stand with "V" Belt only \$17.95.

**MODEL 135** 85 Band and Chain Saw Attachment only \$9.95

Prices subject to change.

### TRYCO PRODUCTS

Dept. AB1-1  
264 Hartford Avenue, Kenmore 23, N. Y.

## CONTRACTORS—save money!

Mix plaster and mortar  
in a **MULLER 3 FOOT MIXER**



• An investment that will give you better plaster and mortar at far lower costs than old hand methods. Ideal for both inside and outside use. Holds full bag batch of most mixtures.

**PRICE \$300** (with electric motor)

**\$320** (with air-cooled engine)

FOB Metuchen, N. J.

Also available in 6 (2 models), 9 and 12 cubic foot sizes

Write for name of nearest distributor.



**MULLER MACHINERY  
COMPANY, Inc.**

Metuchen 10, N. J. Cable Address MULMIX

AMERICAN BUILDER

## INDUSTRY BRIEFS



Election of Judson S. Sayre, general manager of the Bendix Home Appliances Division of Avco Manufacturing Corp., as a vice president of the company, has been announced by Victor Emanuel,

president. Sayre formerly was president of Bendix Home Appliances, Inc., which recently was acquired by Avco.

\*\*\*\*\*

The Richkraft Co., Chicago, announces the appointment of Herman L. Smith of Cleveland as general sales manager.

\*\*\*\*\*

In a reorganization of its advertising and public relations departments, The Upson Co. has named Averill E. Calver, advertising manager for the past 10 years, director of advertising and public relations. Calver's new associates are Wallace D. Soderholm, former newspaperman and war correspondent, who will handle news copy, and J. Douglas Swick, former assistant store manager, who will assist in the advertising program.

\*\*\*\*\*

F. A. Hopp has recently been promoted to publicity manager of the Delta Power Tool Division of Rockwell Manufacturing Co. Hopp has been associated with Delta for past 10 years, specializing in advertising and sales promotion.

\*\*\*\*\*

The General Electric Co. Lighting Institute at Nela Park, Cleveland, has been established as a separate division of the company and Henry J. Chanon of Cleveland has been appointed its first manager. The Institute has been an activity of the Engineering Division. The reorganization was announced by Fred F. Harroff, General Electric vice president and general manager of the lamp department.

\*\*\*\*\*

Another General Electric announcement, by Ralph J. Cordiner, president, is the election of three executive vice presidents to fill newly-created posts. They are Henry V. Erben, Schenectady, N. Y., formerly vice president and general manager of the Apparatus Department; Hardage L. Andrews, Bridgeport, Conn., formerly vice president and general manager of the Appliance and Merchandise Department; and Roy W. Johnson, N. Y., former vice president and general manager of the Affiliated Manufacturing Companies Department.

APRIL 1951

THE SWITCH IS TO PERIMETER HEATING

and to



*International*  
SAINT LOUIS

OIL AND GAS  
FURNACES

MADE BY  
THE ORIGINATORS  
OF  
PERIMETER  
HEATING

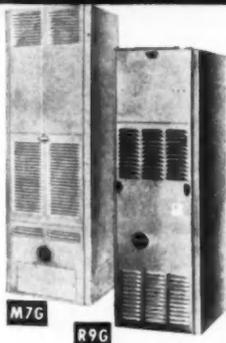
- Saves up to 30% on your heating budget.
- Provides better heating . . . with heat at floors . . . a blanket of warmth at outside walls . . . uniformity of heat from floor to ceiling.
- Faster, more economical installation.
- Requires less than four square feet of floor space.

There's an *International* Furnace  
SAINT LOUIS  
for Every Heating Need

### GAS

MODEL M7G—75,000 BTU input . . . all types gas . . . for 2 and 3 bedroom homes.

MODEL R9G—150,000 BTU input (140,000 for high altitude and LP gas) . . . all types gas . . . for 2 to 4 bedroom homes. (Two or more furnaces can be used to provide highest efficiency heating with individual zone control.)



### OIL

MODEL M7—55,000 BTU input . . . burns No. 1 oil . . . for 2 and 3 bedroom homes.

MODEL R9—100,000 BTU output . . . burns No. 1 oil . . . for 2 to 4 bedroom homes. Stainless steel vaporizing burner has new type economy oil pilot.

MODEL R9A—100,000 BTU output. Burns No. 3 oil with pressure-atomizing gun-type burner . . . for 2 to 4 bedroom homes.



PLAN NOW TO GIVE YOUR HOMES BETTER HEATING—AT UP TO 30% SAVINGS. SEND THIS COUPON FOR COMPLETE INFORMATION.

FREE! Heating layouts and cost of installation estimates for your homes by our engineering department. Send us your plans —no obligation.

FURNACE DIVISION, International Oil Burner Co.  
3800 Park Ave., St. Louis 10, Mo.

- Please send me full details on your furnaces and on perimeter heating.
- I am enclosing my plans and would like a free heating estimate.

Name .....

Address .....

City..... Zone..... State.....



For Highest Quality Lime  
at No Extra Cost  
look for the

## ZIGZAG BAGS

### OHIO WHITE & HAWK SPREAD Hydrated Finishing Lime

For finish coat plastering and general use. Meets Federal Specification SSL-351 type F and A.S.T.M. Specification C-6-46T. Ohio White in 25- and 50-lb. Hawk Spread in 50-lb. paper bags.

### OHIO WHITE Autoclaved Finishing Lime

For finish coat plastering and general use. Autoclaved Lime needs no soaking before plastering. Meets Federal Specification SSL-351 type F and A.S.T.M. Specification C-206-46T for type S. It contains less than 8% of unhydrated oxides. In 50 lb. paper bags.

### OHIO SUPERSPRAY Hydrated Lime

For spraying and dusting crops, whitewashing, and water treatment. A very finely pulverized, high-magnesium hydrated lime. 99 1/2% thru 325 mesh. Packed in 25- and 50-lb. asphalt laminated bags.

### OHIO EVER-READY Every-Purpose Hydrated Lime

For general use. Packed in single 10-lb. paper bags or in containers of five 10-lb. bags each.

### OHIO SANLIME FINISH Dry-Mix Plaster

For sand-finished interior plastering. All ingredients dry-mixed. Available in white and in colors: ivory, buff, pink, blue, and light green. In 100-lb. paper bags.

Sold only through dealers. Write us for prices and descriptive literature, or ask us to have our nearby representative call on you.

THE OHIO HYDRATE  
& SUPPLY COMPANY  
WOODVILLE, OHIO

## INDUSTRY BRIEFS

Two new vice presidents, an assistant



Jones

vice president and an assistant treasurer have been elected by the **C. Hager and Sons Hinge Manufacturing Co.**, the firm's board of directors has announced. Named vice president and chief engineer was Joseph Hyland Stevens, formerly chief engineer. Charles M. Jones, formerly sales manager, was promoted to vice president and sales manager. August W. and Charles C. Hager, fourth generation of their family to hold executive positions in the 101 year old St. Louis company, were elected assistant vice president and assistant treasurer, respectively.

\*\*\*\*\*

**Aluminum Co. of America** has announced it will build a new alumina plant near Bauxite, Ark. Designed to process low-grade bauxite ore, the new facilities will increase by 50 per cent the amount of alumina now being produced by the company, the announcement said. Alumina is the refined ore from which basic aluminum is obtained by the smelting process.

## NAILS

**BRIGHT COMMON WIRE NAILS**, made of finest quality steel wire, exactly according to rigid American specifications. Flat round head, ordinary diamond point, rustless, prime new quality, 100# net kegs. Priced competitively. Immediate and future shipment from New York and other seaports.

In addition to the above we are importing regularly the following items and would be glad to quote upon request:

### CEMENT

- Blued Sterilized Plasterboard Nails
- Galvanized and Black Pipe
- Galvanized Field Fencing
- Galvanized Steel Sheets
- Galvanized Barbed Wire, Iowa Type
- Cold Rolled Shafting Bars
- Concrete Reinforcing Bars
- Other Miscellaneous Steel Items

### RICHARD J. BAMBRICK

Dept. AB-1  
New York 4, N. Y.

125 Broad Street  
Whitehall 4-9156

## File This! Gates

A Ready-Made, Combination Concrete  
Form Tie and Spreader . . .

### CONCRETE FORM TIES

Some Areas  
Still Available  
For Dealers

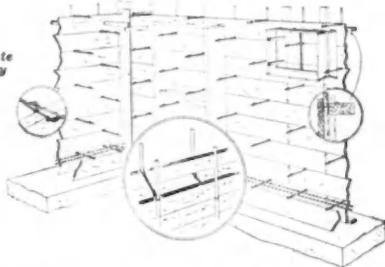
Immediate  
Delivery

**\*USERS REPORT UP  
TO 60% SAVINGS  
WITH THIS NEW METHOD:**

### YOU CAN CUT BUILDING COSTS AND SAVE . . .

- **TIME** by cutting down labor necessary on hand-tied wire form ties
- **EFFORT** because of the ease in erecting and tearing down forms built with the Gates Concrete Form Tie
- **MATERIAL** because of the fewer number of walers needed and the excellent recovery condition of the lumber

- **PATIENT**, by using a simple, practically fool-proof method.
- **MONEY** because of lower costs in all phases of concrete forming with Gates Concrete Form Ties.
- **RISK** because Gates Concrete Form Ties are tested and proven to do the job better than any other method.



In Denver, Colorado, 80% of all home builders are using Gates Form Ties.

Take advantage of this simple, practical and economical method. Send for free 32 page booklet illustrating the use of Gates Concrete Form Ties in 50 step-by-step drawings for both sheathing and panel forms.



**Gates** & SONS, INC.

c/o CONCRETE FORM TIE DIVISION

80 South Galapago

Denver, Colorado



FLORIDA  
Report No. 3880

**"I haul**

**A 4-ton load of tanks**

**For less than 4¢ a mile!"**

—says **KENNETH C. ROTHROCK,**  
Contractor, St. Cloud, Florida

Rothrock drove a 1948 Ford F-6 Truck in Ford's nationwide Economy Run. He is one of 5,000 truck owners who rolled up over 50-million miles in this demonstration of Ford economy.

Contractor Rothrock manufactures septic tanks. He hauls these heavy cement and steel tanks on his platform truck. He kept daily records of his truck running costs during the Economy Run, and says—"In 6 months I traveled 6,760 miles, with an average load of 9,058 lbs., had no repairs, made 749 stops. I spent a total of \$255.87 for gas, oil, and maintenance—giving me a running cost of only 3.78 cents per mile."

• Like others who rely on Ford for low running cost, you'll like the money-saving truck service available at Ford Dealers' everywhere. For more facts on the trucks that last longer and save you money every mile—mail the attached coupon.



Rothrock takes truck to Ford Dealer for periodic service. "It saves me time and money," he tells Frank Poffenbaugh, local Ford Dealer.



This new Ford F-6 for '51 offers a choice of 3 economy-proved engines. There's a 95-h.p. Six, 100-h.p. V-8 or 110-h.p. Big Six. And remember,

whatever you haul there's an economical Ford Truck to do it. Over 180 models to choose from—all featuring Power Pilot Economy.

**FORD TRUCKING COSTS LESS**  
**because FORD TRUCKS LAST LONGER!**

Using latest registration data on 7,318,000 trucks, life insurance experts prove Ford Trucks last longer!

APRIL 1951



**POWER PILOT**  
helps  
**CONTRACTORS**  
hold down hauling costs



The Ford Truck Power Pilot is a simpler, fully-proven way of getting the most power from the least gasoline.

It automatically meters and fires the right amount of gas, at precisely the right instant, to match constantly changing speed, load and power requirements.

Unlike conventional systems, the Power Pilot uses one control instead of two, yet is designed to synchronize firing twice as accurately.

You can use regular gas . . . you get no-knock performance. Only Ford in the low-price field gives you Power Pilot Economy!

**MAIL THIS COUPON TODAY!**

FORD Division of FORD MOTOR COMPANY  
3269 Schofer Rd., Dearborn, Mich.

Send me without charge or obligation, detail specifications on Ford Trucks for 1951.

Full Line  Heavy Duty Models   
Light Models  Extra Heavy Duty Models

Name \_\_\_\_\_  
(Please print plainly)

Address \_\_\_\_\_

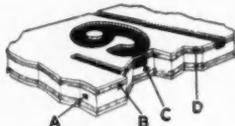
City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

# ROE

## STEEL TAPES

give you MORE  
for your money!

**HANDIER!** Longer lived! Better looking! . . . You get everything with Roe Steel Tapes! They're extremely easy to read . . . and stay legible. Black markings are etched into the steel which is then nickelplated to give a lustrous background. An added transparent plastic coating assures maximum durability.



- A - Steel tape
- B - White nickel
- C - Black etched markings
- D - Plastic overcoat

Shown here is Roe Steel Tape #202A with leatherette metal-band case. Other models feature cases in handsewn leather, and in metal-banded leather. All have a reinforced rust resistant liner, flush-folding handle, press button center and roller mouthpiece. Available with 25, 50, 75 or 100-foot tapes; feet in inches and eighths, or in tenths and hundredths . . . also, with unique retractable hook for long one-man measurements.

Get Roe Steel Tapes from your hardware dealer—or send us his name and address.



### JUSTUS ROE & SONS

Makers of fine steel tapes since 1876

PATCHOQUE, NEW YORK

## INDUSTRY BRIEFS

The purchase of Armstrong-Whitworth and Co., Pneumatic Tools, Ltd., Gateshead-on-Tyne, England, by Independent Pneumatic Tool Co., Aurora, Ill., manufacturers of Thor portable tools, has been announced by Neil C. Hurley, Jr., Independent president. The English plant, which has 750 employees, will be operated as a subsidiary, with Robert G. Faverty, former manager of Chicago and Detroit Thor branches, as managing director.

\*\*\*\*\*

An extensive modernization and expansion program amounting to approximately \$1,000,000 is now in progress at the Pensacola, Fla., fiber-board plant of Armstrong Cork Co. The program, scheduled for completion in late 1951, primarily involves changes in the production line and purchase of new machinery.

\*\*\*\*\*

The election of Harold C. Ingersoll as a vice president of Borg-Warner Corp. has been announced. In addition to his new office, Ingersoll will retain the presidency of the corporation's Ingersoll Steel Division at Newcastle, Ind. He is also a member of the Borg-Warner board of directors.

## STOP HEAT LOSS with KORK-PAK...the INSULATING VAPOR SEAL



Install KORK-PAK

at the slab-footing joint to prevent heat loss through concrete floor slabs in basementless houses and structure on grade—get maximum joint filling efficiency PLUS the highest insulating factor of any similar material. KORK-PAK's low cost and easy handling make it ideal for many applications such as Sill Vapor Seal, Glass Building Block Seal, Joint Filler, etc., in every type of construction.



Write for complete details, illustrated circular and samples.

**SERVICISED PRODUCTS CORP.**  
6051 W. 65th ST., CHICAGO 38, ILL.

## COST-CUTTING PORTABLE ELEVATOR AMAZES BUILDERS · CONTRACTORS



Biggest news in material handling for contractors and builders is the new, low-cost, portable MULKEY ELEVATOR. Custom built and tailored to the requirements of the building trades . . . handles concrete blocks, bricks, mortar, sand, dirt, lumber, roofing, insulation, sacks, boxes, with ease. Strong as a bridge, yet one man handles and operates . . . easily trailed up to 35 miles per hour. Has patent-design clutch and brake assembly. Basic length, 24 ft., 17½ ft. maximum lift, 8 ft. extension available. Balanced up to 40 ft., approximate maximum lift 28 ft. One contractor reports . . . "my MULKEY ELEVATOR keeps 10 men constantly supplied with brick and mortar . . . it has paid for itself many times over." Write now for FREE LITERATURE AND PRICES!

**SAM MULKEY CO. • 1621 Locust • Dept. AB-5 • Kansas City, Mo.**

# "Why waste heat up the chimney when a Heatilator Fireplace costs no more?"



... asks

**MICHAEL DANITZ,**  
prominent Buffalo  
building contractor.



● "The people I built this house for told me they would use the fireplace a lot," says Mr. Danitz. "So I built it around a Heatilator\* Fireplace unit. It didn't cost any more than a conventional fireplace that wastes most of the heat up the chimney. That's because it includes all the vital fireplace parts in one unit. There were no extra parts to buy or build."

**Smokeless... Trouble-free.** The Heatilator unit is a scientifically designed, steel form, complete from floor to flue, around which any style fireplace can easily be built. It assures correct construction, and eliminates the common causes of smoking. It draws in air from floor level, heats it and circulates it to every corner of the room. A Heatilator fireplace gives all the heat necessary on cool spring and fall days, cuts dollars from the owner's heating bill.

The Heatilator name is known and trusted because it's been proved in countless thousands of homes and camps all over America. It's the mark of quality in the homes you build.

## HEATILATOR FIREPLACE

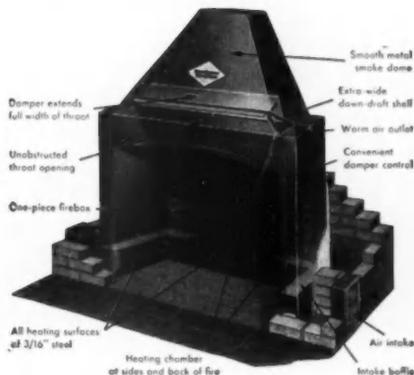
FM REG U S PAT OFF

**Sells Houses FASTER!**

APRIL 1951

**Write today** for complete specifications. Heatilator Fireplaces are sold by all leading building material dealers. Accept no substitute. Look for the name Heatilator on the dome and on the damper handle. Heatilator, Inc., 944 E. Brighton Ave., Syracuse 5, N. Y.

\*Heatilator is the registered trademark of Heatilator, Inc.



315

## ADVERTISERS IN THIS ISSUE

Active Display Adv.	222	Frantz Manufacturing Co.	239	Oliver Corporation, The	130
Adams-Rite Manufacturing Co.	304	General Rubber Company	285	Overhead Door Corporation	3rd Cover
Affiliated Gas Equipment, Inc.	222	Gem City Sash & Door Co.	282	Owens-Illinois Glass Co.	44-44A
Air Control Products, Inc.	306	Gates & Sons, Inc.	312	Paine Co., The	265
Air Rectifiers, Inc.	126	General Controls	238	Paine Lumber Co., Ltd.	138
Allianwace, Inc.	126	General Electric Company	72-73-206-207	Parkay, Inc.	210
Allied Building Credits, Inc.	226	General Motors Corporation	142-215	Parks Woodworking Machine Co., The	217
Allied-Chalmers & Dye Corporation	102-242	Getty & Co., Inc., H. S.	232	Patent Scaffolding Co., Inc., The	213
Allis-Chalmers Tractor Division	214	Gilson Bros. Co.	230	Perma Products Co.	289
American Builder	104-105-241-302	Given Manufacturing Co.	276	Perma-Ton Co., The	304
American Floor Surfacing Machine Co., The	194	Glover Mfg. and Sales	288	Pittsburgh Corrugating Corporation	255-272-273
American Hardware Corporation, The	213-285	Grand Haven Stamped Products Company	224	Pittsburgh Plate Glass Company	154-155
American Radiator & Standard Sanitary Corporation	112-113	Great Lakes Steel Corporation	61	Pittsburgh Steel Company	117
American Steel & Wire Company	140	Gunnison Homes Inc.	116	Pittsburgh Steel Products Company	117
American Structural Products Company	44-244	Hager & Sons Hinge Mfg. Co., C.	64	Porter-Cable Machine Co.	55-203
American Welding & Mfg. Co., The	271	Hansen Mfg. Co., A. I.	230	Precision Parts Corp.	230
Andersen Corporation	106-107	Harbor Plywood Corporation	83	Pretille Manufacturing Co.	239
Armstrong Cork Company	110-111	Harmischfeiger Corporation	99	Pryne & Co., Inc.	271
Associated Plywood Mills, Inc.	77	Haskellite Manufacturing Corp.	148	Pyrofax Division, Union Carbide and Carbon Corporation	292
H & T Metals Co., The	249	Hassall, Inc., John	218	R. C. S. Tool Sales Corporation	235
Bambrick, Richard J.	312	Hattilatator, Inc.	115	R.O.W. Sales Company	94
Barrett Division, The	102	Higgins, Incorporated	239	Raynor Mfg. Co.	247
Beaux Art Crafts	228	Holt Manufacturing Company	239	Readybuilt Products Co., The	284
Bell & Gossett Company	139	Homelite Corporation	18	Red Devil Tools	240
Bennett-Ireland Inc.	293	Hope's Windows, Inc.	294-295	Remington Rand Inc.	264
Besser Manufacturing Company	209	House Beautiful	29-30-31-32-278	Republic Steel Corporation	211
Bessler Disappearing Stairway Co., The	228	Hunter Fan and Ventilating Company	259	Reynolds Metals Company	40
Bilco Co., The	249	Independent Pneumatic Tool Company	133-134-135-136	Richard-Wilcox Mfg. Co.	257
Bird & Son, Inc.	114	Infra Insulation, Inc.	49	Richkraft Company, The	281
Black & Decker Mfg. Co.	27	Inland Steel Products Company	118	Richmond Radiator Corporation	287
Blue Ridge Saws Division	269	Insulte Division, Minnesota and Ontario	67-122-123-232	Rileco Laminated Products, Inc.	237
Blym & Co., Inc.	212	International Oil Burner Co.	311	Roddiss Plywood Corporation	74-153-193
Boice-Crane Company	239	J. M. J. Products Co.	270	Roe & Sons, Justus	314
Bostitch	65-66	Keizer Machine Company, The	109	Rohrer Company	260
Bostrum Brady Mfg. Co.	222	Johns-Manville	10	Ruber Manufacturing Company	191
Bostwick Steel Lath Company, The	218	Johnson Co., S. T.	246	Rudiger-Lang Co.	205
Braiford Machine Tool Co., The	218	Jones & Brown, Inc.	87	Russell Company, The F. C.	78
Brainard Steel Company	303	Just Manufacturing Co.	308	Russell & Erwin Division	213
Brown Company	62	Key-Tite Company	41	St. Paul Corrugating Co.	218
Brown & Co., Inc., Geo. C.	212	Keasbey & Mattison Company	219	Samson Cordage Works	254
Brown-Graves Co.	158-159	Kenco, Inc.	240	Sargent and Company	33
Bruce Co., E. I.	19	Keystone Steel & Wire Company	253	Schlage Lock Company	52
Bryant Heater Division	6-6	King Manufacturing Corporation	132	Scott & Sons Co., O. M.	236
Bucyrus-Erie Hydrocrane Division	258	Koller Co.	12-234	Seal-All Clip Co., Inc.	302
Burnham Corporation	227	Kwikset Sales and Service Company	11	Serrel, Inc.	46-47
Cahot, Inc., Samuel	250	LaSalle Products, Inc.	250	Shelper Products Corp.	314
Calbar Paint & Varnish Co.	238	LeHigh Building Products Division	232	Shenier Mfg. Co.	280
Calculator Division	300	Libbey- Owens-Ford Company	150-151-269	Shimwon Logging Company	243
Canvas Awning Institute, Inc., The	231	Lil-Ad Features	304	Skilcraft Co., The	252
Carey Mfg. Co., The Philip	301	Little Borer Company, H. C.	296	Skilvax, Inc.	70-71
Carr, Adams & Collier Co.	146-147	Lockport Cotton Batting Mfg. Co.	283	Smith & Corona Typewriter Inc., I. C.	220
Case & Son Mfg. Co., W. A.	144	Lockwood Hardware Mfg. Co.	203	Solway Sales Division	242
Ceco Steel Products Corporation	124-125	Lone Star Cement Corporation	17	Sonnet Products Company	263
Cedar-Lux Products, Inc.	234	Long Bell Lumber Company, The	18	Specialty Tool Manufacturers	274
Celotex Corporation, The	22-23	Louisville Cement Company, Incorporated	13	Speed Way Manufacturing Co.	273
Central Metal Strin Co.	274	Lucke, Inc., W. B.	298	St. Electric Tool Div.	233
Certain-teel Products Corporation	20	Ludman Corporation	60	Stanley Tools	238
Chelsea Fan & Blower Co., Inc.	22	Macklanburg-Duncar Co.	14-15	Stanley Works, The	57
Chevrolet Motor Division	215	Majestic Co., The	232	Steel Scaffolding Co., Inc., The	236
Chrysler Corporation	275	Marble Electric Products, Inc.	250	Stran-Steel Division	61
Coffman Co., Inc., F. G.	234	Marsh Wall Products, Inc.	299	Strand Garage Door Division	113
Coleman Company, Inc., The	56	Masonite Corporation	127	Sun-Sash Co.	204
Columbia Steel Company	140	Masonry Equipment & Eng. Co.	242	Superior Fireclay Co.	242
Conco Engineering Works	198	Master Metal Strip Service, Inc.	63	Surface Combustion Corporation	253
Con Cor Paint Company	326	Melusa Portland Cement Company	128	Symons Clamp & Mfg. Co.	263
Concrete Form Tite Division	316	Mengel Company, The	8-75-31	Syntro Co.	244
Conkey & Company, H. D.	198	Meyer Furnace Co., The	242	Tennessee Coal, Iron & Railroad Company	140
Consolidated Machinery & Supply Co., Ltd.	156	Milwaukee Electric Tool Corp.	262	Texas Company, The	32
Construction Machinery Companies	156	Milwaukee Strip Service, Inc.	310	Thompson Plywood Corporation	91
Corbin Division, P. & F.	285	Minnesota Honeywell Regulator Co.	217	Thrus and Co., H. A.	90
Coroaire Heater Corporation, The	307	Minnesota Wood Specialties, Inc.	290	Timken-Detroit Axle Company, The	89
Crane Co.	82	Miracle Adhesives Corp.	245	Trade-Wind Motors, Inc.	310
Crane Co., H. W.	240	Morrison Steel Products, Inc.	92-248	Trexco Products	203
Cree-Diit Co., Inc.	84	Muller Furnace Co., L. J.	314	Trusco Steel Company	211
Croft Steel Products, Inc.	230	Muller Machinery Company, Inc.	310	Turner & Seymour Mfg. Co., The	297
Crossett Lumber Company	54	Muller Manufacturing Corporation	129	Tylac Company	152
Cummins Division of Cummins Chicago Corporation	309	Murphy Door Bed Co., Inc.	245	United States Gypsum Company	119
Curtiss Division	227	Nash-Kelvinator Corp.	160	United States Plywood Corporation	91-221-251
Curtiss Companies Service Bureau	157	National Clay Pipe Manufacturers, Inc.	277	United States Steel Corporation Subsidiary	76-116-140
Darworth Incorporated	227	National Cotton Council	231	Universal Atlas Cement Company	7
Delaware Floor Products, Inc.	85	National Electrical Manufacturers Association	58	Upson Company, The	46
Delco Appliances Division	142	National Gypsum Company	42-43	Valley Welding & Boiler Co.	300
Delta Rockwell Power Tool Division	315	National Lumber Corp.	299	Van-Packer Corporation	131
Detroit Steel Products Company	3-115	National Life Insurance Company	270	Vento Steel Products Co., Inc.	149
DeWalt, Inc.	143	National Lock Company	141	Wilson Tile Corporation	81
Dodge Corp., F. W.	275	National Manufacturing Company	4th Cover	Yikro Co., Inc., J. N.	235
Dodge Division	145	National Oak Flooring Manufacturers Association	80	Virginia Metal Products Co.	266
Durflo Manufacturing Corporation	275	National Plastic Products Co.	24	Wagner Mfg. Co.	302
Douglas Fir Plywood Association	108	National Radiator Company, The	53	Wallace & Company, J. D.	238
Dremel Manufacturing Co.	306	National Steel Corporation	51	Weatherstrip Research Institute	297
E. G. Building Fasteners Corp.	45	National Woodwork Manufacturers Association	101	Web-Bilt Products Company	216
Elastic Stop Nut Corporation of America	256	New Castle Products	59	Western Pine Association	247
Eliason Tool Co.	226	New Monarch Machine & Stamping Company	248	Westinghouse Electric Corporation	39-51
Elior Co.	34	New York Wire Cloth Co.	248	Weverhauser Sales Company	95-97
Emis Supply Company	243	Nichols Wire & Aluminum Co.	202	White Company, Lite Company	200
Estek Manufacturing Company	137	Nivalite Company of America	256	White Conversion Company	267
Et-Way, Inc.	230	Nordahl	266	Worthington Pump and Machinery Corporation	224
Fastener Corporation	241	Nutome, Inc.	67	Wurdack Chemical Company	226
Fenestra Building Products	3	Nu-Wall Mfg. Co.	266	Yale & Towne Manufacturing Company, The	120-121
Ferri Metal Manufacturing Company	196	Ohio Hydrate & Supply Company, The	312	Zonolite Company	305
Ferri Door Institute	86	Ohio Rubber Company, The	103		
Fleet of America, Inc.	208				
Flinkote Company, The	100				
Flyn Manufacturing Co., Michael	26				
Fogt Sales Company	302				
Follansbee Steel Corporation	268				
Ford Motor Company	113				
Formica	2				

# American Builder Directory Section

**T**HIS is the first issue of what will be a regular feature of the *American Builder*—an annual directory of building products and equipment. This directory is the most complete index published exclusively for builders, contractors, architects and building material retailers. In it, the reader will find names of building products, their manufacturers and their brand names in these three sections—

Section I—an alphabetical list of building products and equipment and their manufacturers;

Section II—an alphabetical list of brand names identified with the names of manufacturers;

**The Names of Manufacturers With Advertisements in This Issue Appear in Boldface Type in the List of Manufacturers' Names and Addresses Starting on Page D-67**

## SECTION I Alphabetical list of Building Products and Equipment Manufacturers

**I**N THIS SECTION I, 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 readers of the *American Builder* are well acquainted with the terms employed in the building industry and can lead themselves to the items in the directory. The principal proper nouns of descriptive classifications are the key words used in forming the alphabetical lists; for example, wood double hung windows are listed as—

Windows, double hung, wood

This section includes only the names of the manu-

facturers and service organizations. The addresses of these manufacturers and service organizations are listed in Alphabetical order in Section III, starting on page D-67.

In addition, service organizations prepared to render aid to the industry and to furnish helpful information on special problems are listed under appropriate titles.

This directory is designed to serve as a year 'round reference manual for the builder, contractor, architect and dealer. Although every effort has been made to make it as accurate as possible, the *American Builder* cannot be responsible for changes in names, manufacturers and other discrepancies.

As an example, suppose that Mr. Jones wants to find the name and address of a manufacturer of crow bars. First, he will turn to the heading "Bars, crow and pinch" in Section I. Here he will find listed the names of nine crow bar manufacturers among which he may select the Proto Tool Co. Turning to Section III, he will find the address of the company (2209 Santa Fe, Los Angeles, Calif.) in its alphabetical order under the name Proto Tool Co.



### ACCESSORIES, BATHROOM

Allen Steel Products Co  
Approved Products Co  
Autopac Co  
Bache (Semon) & Co  
Bay Ridge Specialty Co Inc  
Camp Mfg & Sales Co  
Chrome-Tex Inc  
Columbia Metal Box Co  
Columbus Plastic Products Inc  
Corbin (F & F) Div American Hardware Corp  
Crane Co  
Ecco Products Co  
Faries Mfg Co  
Gentry-Michigan Corp  
Hallenscheid & McDonald  
Hall-Mack Co  
Handy Things Mfg Co  
Home Essentials Corp  
House of Hospitality  
Illinois Porcelain Enamel Co  
Kimball Glass Co  
Knappe & Vogt Mfg Co  
Lawson (F B) Co  
Mareland (A) Inc  
Marin Wall Products Inc  
Miami Cabinet Div Carey (Phillip) Co  
Milwaukee Flush Valve Co  
Murray Corp of America  
National Tile & Mfg Co  
Parker (Charles) Co  
Parker (S) Hardware Mfg Corp  
Pittsburgh Plate Glass Co  
Prestite Mfg Co  
Sager-Barrows Leck Works

Shower Door Co of America  
Skillman Hardware Co  
Sylvine Industries  
Smith (E C) Mfg Corp  
Sommer (J L) Mfg Co  
Standard Building Products Co  
Stylon Corp  
Superior Plastics Div Commonwealth Plastics Inc  
Tiletone Co  
T & S Bronze Works Inc  
Turner & Seymour Mfg Co  
Tyler Co  
U S Die Casting Co  
U S Lock & Hardware Co  
Westwood Mfg Co  
Youngstown Mfg Co Inc

### ACCESSORIES, CABINET, KITCHEN

AllianceWare Inc  
American Cabinet Hardware Co  
American Central Div Arco Mfg Corp  
Berger Mfg Co Republic Steel Corp  
Bodens Machine Wks  
Eldon Mfg Co  
Engineered Products Co  
Excel Metal Cabinet Co Inc  
Fiscale Equipment Mfg Co  
Getty (H S) & Co Inc  
IXL Furniture Co  
Luxe Metal Products Inc  
Midwest Mfg Co  
Morgan Co  
Morton Kitchen Cabinet Div Morton Mfg Co  
Mullins Mfg Co  
National Brass Co

Paragon Utilities Corp  
Sargent & Co  
Tale & Towne Mfg Co

### ACCESSORIES, FENCE, ELECTRIC

Accessories Mfg Co  
Colburn Mfg Co  
Electric Fly Screen Co  
Electric Fence Co  
Gardner Mfg Co  
Guaranteed Products Inc  
Porcelain Products Inc  
Prime Mfg Co  
Red Devil Tools  
Samuel Time Control Inc  
Sparks-Whittington Co  
Western Wire Products Co

### ACCESSORIES, KITCHEN

AllianceWare Inc  
American Cabinet Hardware Corp  
American Central Div Arco Mfg Corp  
Autopac Co  
Bache (Semon) & Co  
Bay Ridge Specialty Co Inc  
Columbia Metal Box Co  
Columbus Plastic Products Inc  
Ecco Products Co  
Hallenscheid & McDonald  
Handy Things Mfg Co  
Illinois Porcelain Enamel Co  
IXL Furniture Co Inc  
Lindemann (A J) & Howman Co  
Miami Cabinet Div Carey (Phillip) Mfg Co  
Midwest Mfg Co

Mullins Mfg Corp  
Pittsburgh Plate Glass Co  
St Charles Mfg Co  
Superior Household Mfg Co  
U S Lock & Hardware Co

### ACCESSORIES, LADDER

Brayer Bros Whiting & Co  
Dayton Safety Ladder Co  
Duo-Safety Ladder Corp  
Holmes Mfg Co of Ohio  
Michigan Ladder Co  
Red Devil Tools  
Safety Equipment Service Co  
Wagner Mfg Co

### ACCESSORIES, WELDING

Metal & Thermal Corp

### ACOUSTICS, MATERIALS FOR

Air-G-Cel Co  
American Bldgk Co  
Armstrong Curt Co  
Cabot (Samuel) Inc  
Celotex Corp  
Certain-teed Products Corp  
Hanson (Elof) Inc  
Inland Steel Products Co  
Insulite Div Minnesota & Ontario Paper Co  
Johns-Manville Corp  
Kelley Island Lime & Transport Co  
Kimberly-Clark Corp Kimbal Div  
Lockport Cotton Basting Co  
Mid-West Acoustical & Supply Co  
National Gypsum Co

Owens-Corning Fiberglas Corp  
Foreite Mfg Co  
Simpson Lathing Co  
U S Gypsum Co  
Wood Compression Co  
Zonolite Co

#### ADAPTERS, FAUCET

Economy Mfg Co  
Kirchhill Inc  
Penubring Injector Co  
Permutit Co  
See Products Inc  
Stanley-Oliver Mfg Co

#### ADHESIVES, CERAMIC TILE

Minnesota Mining & Mfg Co

#### ADHESIVES, FLOORING, ROOFING, WALL-BOARD, ETC

Abeito Mfg Corp  
American Asphalt Roof Corp  
American Vermicul Co  
Armstrong Cork Co Building Material Div  
Barclay Mfg Co  
Bird & Son Inc  
Borden Co Chemical Div  
Bruce (E L) Co  
B & T Metals Co  
Cambridge Tile Mfg Co  
Camp Co  
Carey (Phillip) Co  
Christy Co Inc  
Cuningham-Naim Inc  
Dad & Lad Co  
Pivestone Industrial Products Co  
Flextek Co  
Flintlock Co  
General Electric Co Chemical Dept  
Gibbs Bountable Corp  
Higgins Inc  
Insulite Div Minnesota & Ontario Paper Co  
John-Manville Corp  
Laskit Products Co Inc  
Lasting Products Co  
Lohan Co  
Lino-Paste Co  
Marsh Wall Products Inc  
Mastic Tile Corp of America  
Metal Prim Inc  
Minnesota Mining & Mfg Co  
Miracle Adhesives Corp  
Miville Corp  
Moore (Goodloe E) Co  
Mortell (J W) Co  
National Adhesives Div National Starch Prods Inc  
Paisley Products Inc  
Pabco Products Inc  
Peccora Paint Co Inc  
Pittsburgh Plate Glass Co  
Placo Div Paisley Products Inc  
Plaskon Div Libbey-Owens-Ford Glass Co  
Plasteron Wallboard Co  
Prestite Mfg Co  
Sauerstein Cement Co  
Schalk Chemical Co  
Shofield Bronze Paint Corp  
Slansie-Bialson Corp  
Standard Paste & Glue Co  
Standard Co  
Sullivan Co  
Superior Wall Products Co  
S & W Moulding Co  
Tama Industries Inc  
Tile-Tex Div Flintlock Co  
Thomas Moulding Floor Mfg Co  
Tylex Company  
U S Gypsum  
U S Plywood Corp  
Wallace Mfg Co  
Webster (W F) Cement Co  
Wesco Waterpumps Inc  
Yongtown Mfg Co

#### ADHESIVES, RESIN

Timber Engineering Co

#### ADJUSTERS, SCREEN & STORM SASH

Casement Hardware Co  
Corbin (F & F) Div American Hardware Corp  
Ideal  
Firetek Equipment Mfg Co  
Iron Brass Works Inc  
Ives (H B) Co  
Lockwood Hardware Mfg Co  
National Brass Co  
National Lock Co  
National Mfg Co  
Norwalk Lock Co  
Russell & Irwin Div American Hardware Corp  
Sargent & Co  
Standard Bronze Co  
Wright Products Co

#### ADJUSTERS, WINDOW

Corbin (F & F) Div American Hardware Corp  
Lockwood Hardware Mfg Co  
Perrin Hardware Co  
Sager-Barrows Lock Works  
Sterling Hardware Mfg Co

#### ADmixTURES, CONCRETE, AIR ENTRAINING

Autolein Lubricants Co  
Beeve-Almy Chemical Co

#### AGGREGATES, CONCRETE, LIGHTWEIGHT

Alexander Film Co  
American Bluffrock Co  
American Pellet Corp  
American Silica Sand Co  
Celsco Corp  
Cleveland Gypsum Co  
Combined Metals Reduction Co  
Dant & Russell Inc  
Great Lakes Carbon Corp  
Gregg Lumber Co  
Higgins Inc  
Hydraulic Pressed Brick Co  
John-Manville Corp  
Johnston Mfg Co  
Kelley Island Lime & Transport Co  
Maguire (Walter) Co Inc  
Masco Perlite Inc  
McNair Brick Co  
Midwestern Perlite Corp  
Northwest Insulation Co  
Pacific Ryoler Corp  
Panazelite Perlite Inc  
Perlite Institute  
Perlite Mfg Co  
Perovite Products  
Prestat Slab & Tile Co  
Pumler Aggregate Sales Corp  
Schneider (F E) & Co Inc  
Sho-Lite Products Co  
Standard Perlite Co  
Tash Perlite Products Co  
Waylite Co  
Western Brick Co  
Western Perlite Corp

#### AGITATORS, PAINT

Arlington Inc  
Black Bros Co Inc  
Dugan (J H) Co  
De Villibus Co  
Dewco & Reynolds Inc  
Elliott-Spangli Corp  
Fanner Mfg Co  
Harbil Mfg Co  
Miller Mfg Co  
Miracle Paint Rejuvenator Co Inc  
Pasche Airburn Co  
Red Devil Tools  
Tama Industries Inc  
Warner Perlite Co

#### ALARMS, BURGLAR

Auth Electrical Specialty Co Inc  
Brunell (J H) & Co  
Burglar Trap Co  
Edwards Co Inc  
Federal Enterprises Inc  
General Burglar Alarm Co Inc  
Guardian Electric Mfg Co  
Leon Rural Electric Co

#### ALARMS, FIRE

Edwards Co Inc  
Gellbrook Products  
Rockwood Sensitive Corp  
Sparks-Wilmington Co  
Spert Faraday Inc

#### ALIGNERS, DOOR JAMB

Superform Products Corp

#### ALUMINUM, ARCHITECTURAL & ORNAMENTAL

Badger Wire & Iron Works Inc  
Brasco Mfg Co  
General Bronze Corp  
Kawner Co  
Newman Brothers Inc  
Pittsburgh Plate Glass Co  
Reynolds Metals Co Building Products Div  
Wenzel Mfg Co

#### ANCHORS, BUILDING

Ackerman-Johnson Co  
Adams Co  
Allen Steel Products  
Arro Expansion Bolt Co  
Eliot Mfg Co  
Carpenter & Patterson Inc  
Cleveland Steel Specialty Co Inc  
Cramer Steel & Wire Co  
Davis & Stehl Co  
Dugton Sure-Grip & Shore Co  
Deatur Iron & Steel Co  
Diamond Expansion Bolt Co  
Donley Bros  
Hago (C) & Son Hinge Co  
Holman & Barnard Inc  
Ideal Hanger Co  
Illinois Zinc Co  
Kee (F D) Mfg Co  
Laclede Steel Co  
Lakeland Malleable Casting Co  
Lakeland Steel Co  
Metal Crafters Div Custome Products Co  
Miracle Adhesives Corp  
Molly Corp  
Moore (Goodloe E) Co  
Palme Co

Polla (J D) Mfg Co  
Rawlplug Co Inc Industrial Div  
Richmond Screw Anchor Co  
Rom-Tite Co  
Sommer Metalcraft Corp  
Star Expansion Products Co  
Stewart Iron Works  
Timber Engineering Co  
Trucon Steel Co  
U S Expansion Bolt Co  
Universal Form Clamp Co  
Wagner Mfg Co  
Williams Form Engineering Corp  
Winder Industries

#### ANTI-SPLASHERS, FAUCET

B W Molded Plastics  
Firestone Tire & Rubber Co  
Keystone Brass & Rubber Co  
Metemora Rubber Works  
Seed Filter Co  
Superior Household Mfg Co

#### APPLIANCES, DISHWASHERS

American Radiator & Standard Sanitary Corp  
Apex-Rotalex Corp  
General Electric Co Appliance & Merchandise Dept  
Grace Mfg Co  
Hubart Mfg Co  
Hulsman Inc  
Thor Corp  
Westinghouse Electric Corp Appliance Div

#### APPLIANCES, DISHWASHERS, CLOTHES WASHER & SINK COMBINATION

Thor Corp

#### APPLIANCES, DISPOSERS, GARBAGE

American Central Div Arco Mfg Corp  
Apex-Rotalex Corp  
Borger (Thomas W) Inc  
General Electric Co Appliance & Merchandise Dept  
Givens Mfg Co  
Hotpoint Inc  
In-Sink-Erator Co  
London Furniture Co  
Mullins Mfg Corp  
National Rubber Machinery Co  
Scott-Newcomb Co  
Valley Welding & Boiler Co  
Westinghouse Electric Corp  
Williams Oil-0-Matic Div Eureka-Williams Corp

#### APPLIANCES, DRYERS, CLOTHES

Apex-Rotalex Corp  
Bendix Home Appliances Inc Div Arco Mfg Corp  
Blackstone Corp  
Chicago Dryer Co  
Clay Equipment Corp  
Colgate Mfg Co  
Fawcett Mfg Div Falls Stamping & Welding Co  
Frigidaire Div General Motors Corp  
General Electric Co Appliance & Merchandise Dept  
Hamilton Mfg Co  
Hotpoint Inc  
Howard Mfg Co  
Fremed Steel Co  
Rotary Clothes Dryer Co Inc  
Scientific Heater Co  
Temo Inc  
Westinghouse Electric Corp Appliance Div  
Woodenware Products Corp

#### APPLIANCES, FREEZERS, HOME

Admiral Corp  
Amana Society  
American Central Div Arco Mfg Corp  
American Refrigerator & Machine Co  
Ben-Hur Mfg Co  
Brewer-Titchener Corp  
Clayton & Lambert Mfg Co  
Cooler Corp  
Crosley Corp Div Arco Mfg Corp  
DeWitt Div General Motors Corp  
DeLaval Separator Co  
Esee Cabinet Co  
Fogel Refrigerator Co  
Frigidaire Div General Motors Corp  
General Electric Co Appliance & Merchandise Dept  
General Refrigerator Corp  
Gibson Refrigerator Co  
Gibblan Bros Inc  
Hotpoint Inc  
International Harvester Co  
Jordan Refrigerator Co  
Refrigerator Div Nash-Kelvinator Co  
Lindemann (A J) & Hotserson Co  
Martin-Parry Corp  
Masterfreezer Corp  
Maytag Co  
Muncie Gear Co

Norge Div Borg-Warner Corp (Appliance Div)  
Philco Corp  
Portable Elevator Mfg Co  
Pressed Steel Co  
Refrigeration Corp of America  
Reynolds Metals Co Building Products Div  
Robbins & Burke Inc  
Sanitary Refrigerator Co  
Savage Arms Corp  
Schafer Bros  
Seeger-Sunbeam Corp  
Sub-Zero Freezer Co  
Tyler Fixture Co  
Victor Products Corp  
Ward Refrigerator & Mfg Co  
Welder Showcase & Fixture Co  
Westinghouse Electric Corp Appliance Div  
Whiting Corp  
Wilson Cabinet Co  
Winpower Mfg Co

#### APPLIANCES, IRONS, ELECTRIC

Altarfer Bros Co  
American Ironing Machine Co  
Apex-Rotalex Corp  
Armstrong Products Corp  
Automatic Washer Co  
Barlow & Seelig Mfg Co  
Bendix Home Appliances Inc Div Arco Mfg Corp  
Blackstone Corp  
Condon Bros Mfg Co  
Crosley Div Arco Mfg Corp  
Easy Washing Machine Corp  
Frigidaire Div General Motors Corp  
General Electric Co Appliance & Merchandise Dept  
Hotpoint Inc  
Lauder Frary & Clark  
Marx Co  
Midwest Metal Stamping Co  
Ninewin Hundred Corp  
Norge Div Borg-Warner Corp (Appliance Div)  
Thor Corp  
Victor Electric Products Co  
Voss Brothers Mfg Co  
Westinghouse Electric Corp

#### APPLIANCES, RANGES, ELECTRIC

A B Store Co  
Admiral Corp  
Benjamin Electric Co  
Cataler Corp  
Crosley Div Arco Mfg Corp  
Detroit Michigan Store Co  
Detroit Vapor Store Div Borg-Warner Corp  
Estate Store Co Div Noma Electric Co  
Fluence Store Co  
Frigidaire Div General Motors Corp  
General Electric Co Appliance & Merchandise Dept  
Gibson Electric Refrigerator Corp  
Gray & Dudley Inc  
Hotpoint Inc  
Kalamazoo Store & Furnace Co  
Kelvinator Div Nash-Kelvinator Co  
Lauder Frary & Clark  
Lindemann (A J) & Hotserson Co  
Malleable Iron Range Co  
Monitor Equipment Corp  
Montag Store & Furnace  
Murray Corp of America  
National Electrical Mfrs Assn  
Norge Div Borg-Warner Corp (Appliance Div)  
Perfection Store Co  
Philco Corp  
Prestis Waters Products Co  
Pressed Steel Co  
Roberts & Mander Corp  
Round Oak Co  
Rutener Electric Co Inc  
Thermador Electrical Mfg Co  
Westinghouse Electric Corp

#### APPLIANCES, RANGE, ELECTRIC, BUILT IN

Thermador Electrical Mfg Co

#### APPLIANCES, RANGES, GAS

A B Store Co  
American Gas Assn  
American Store Company  
Anderson Store Co Inc  
Birmingham Store & Range Co  
Caleite Gas Store Works  
Cataler Corp  
Chalmers Corp  
Cribben & Section Co  
Crosley Div Arco Mfg Corp  
Crown Store Works  
Detroit Vapor Store Div Borg-Warner Corp  
Eglin Store & Oven Co Div Acme Visible Records Inc  
Engler Store Co  
Estate Store Co Div Noma Electric Co  
Eureka Products Corp  
Excelsior Store & Mfg Co  
Fluence Store Co  
Gas Appliances Manufacturers Assn  
Gem City Store Mfg Co  
Glenwood Range Co  
Globe American Corp  
Harbick Store Co  
Graham (James) Mfg Co  
Karr Range Co  
Lindemann (A J) & Hotserson Co  
Majestic Mfg Co  
Malleable Iron Range Co  
Monitor Equipment Co  
Mt Vernon Furnace & Mfg Co  
Murray Corp of America  
Norge Div Borg-Warner Corp (Appliance Div)

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

O'Keefe & Merritt Co  
Paragon Utilities Corp  
Perfection Stove Co  
Prenitins Washers Products Co  
Roberts & Mandler Corp  
Roper (George D) Corp  
Round Oak Co  
Sutton 18 B1 Stove & Mfg Co  
Tappan Stove Co  
Utility Appliance Corp  
Washington Stove Works  
Webb's Stove Company Inc  
Western Stove Co

**APPLIANCES, RANGES, WOOD & COAL**

Excelsior Range & Mfg Co  
Gray & Dudley Co  
King Stove & Range Co  
Majestic Mfg Co  
Malleable Iron Works Co  
Washington Stove Works

**APPLIANCES, RANGES, GAS & ELECTRICAL REFRIGERATOR COMBINATION**

General Air Conditioning Corp

**APPLIANCES, REFRIGERATOR, ELECTRIC**

Admiral Corp  
Amara Society  
Cooler Corp  
Copeland Refrigerator  
Crosley Div Aero Mfg Corp  
Deepfreeze Div Motor Products Corp  
Dexter Co  
Estate Stove Co Div Noma Electric Co  
Friedrich (Ed) Inc  
Frigidaire Div General Motors Corp  
General Air Conditioning Corp  
General Electric Co Appliances & Merchandise Dept  
General Refrigerator Corp  
Gibson Electric Refrigerator Corp  
Gillilan Brothers Inc  
Hotpoint Inc  
Jordan Refrigerator Co  
Kelvinator Div Nash Kelvinator Co  
Lesson Steel Products Inc  
Lindemann (A J) & Hererman Co  
Monitor Equipment Corp  
Morgay Inc  
Norga Div Borg-Warner Corp (Appliance Div)  
O'Keefe & Merritt Co  
Philco Refrigerator Co  
Pressed Steel Co  
Seeger Refrigerator Co  
Ward Refrigerator & Mfg Co  
Westinghouse Electric Corp

**APPLIANCES, REFRIGERATOR, GAS**

Gas Appliance Manufacturers Assn  
Serval Inc

**APPLIANCES, SINKS, CABINET**

American Central Div Aero Mfg Corp  
Cruze Co  
Frigidaire Div General Motors Corp  
General Electric Co Appliances & Merchandise Dept  
Hotpoint Inc  
Lyon Metal Products Inc  
Midwest Mfg Co  
Mullins Mfg Co  
Paragon Utilities Corp  
Roberts & Mandler Corp  
St Charles Mfg Co  
Shirley Corp  
Thor Corp

**APPLIANCES, WASHERS**

Altforer Brothers Co  
Apex-Bolates Corp  
Automatic Washer Co  
Barlow & Seelig Mfg Co  
Bendix Home Appliances Inc Div Aero Mfg Corp  
Blackstone Corp  
Conlon Bros Mfg Co  
Crosley Div Aero Mfg Corp  
Easy Washing Machine Corp  
Fairbanks Morse & Co  
Frigidaire Div General Motors Corp  
General Electric Co Appliances & Merchandise Dept  
Hotpoint Inc  
Landers Frazz & Clark  
Maytag Co  
Nineteen Hundred Corp  
Norga Div Borg-Warner Corp  
Pressed Steel Co  
Thor Corp  
Westinghouse Electric Corp

**APPLICATORS, PAINT, ROLLER, AIR PRESSURE**

Central States Wallmaster Inc  
Rubbert Co

**APRONS, WORK**

American Optical Co  
Minnesota Specialty Co  
Standard Awning Co  
Troy Sunshade Co

**ARCHES, LAMP**

Anchor Post Fence Co  
Carr Adams & Collier Co  
Curtis Companies Inc  
Eilon Laminated Products Co  
Stewart Iron Works

**ARCHES, METAL**

Alabama Metal Lath Co  
Bostwick Steel Lath Co  
Coco Steel Products Co  
Inland Steel Products Co  
Marino Lathing Supply Co  
National Gypsum Co  
Penn Metal Co Inc  
Trucon Steel Co  
U S Gypsum Co  
Wheeling Corrugating Co

**ARCHES, WOOD, LAMINATED**

Concord Woodworking Co Inc  
McKown Brothers Co  
Rico Laminated Products Co  
Super-Structures Inc  
Timber Structures Inc  
Unit Structures Inc  
Weperbauer Sales Co

**AREAWALLS**

Armed Drainage & Metal Products Inc  
Brainerd Steel Co  
Coco Steel Products Co  
Deaton Iron & Steel Co  
Donley Brothers  
Harris Inc  
Hilshamm & Barnard Inc  
Kaptur (Joseph J) Sales Co  
Kowans Mfg Co  
Majestic Co  
Penn Metal Co Inc  
St Paul Corrugating Co  
Sharon Steel Co  
Stons Steel Co  
United Steel Fabricators Inc  
Wheeling Corrugating Co

**AUGERS, PIPE**

American Pipe Tool Co  
Mueller Co  
Wolverine Brass Works

**AUGERS, SINK**

Dowett Spring Co  
Fritz Mfg Co  
G-W Mfg Co

**AWLS**

Bridgport Hardware Mfg Corp  
Crescent Tool Co  
Hillers Falls Co  
Peck Stow & Wilcox Co  
Sargent & Co  
Stanley Tools Div Stanley Works

**AWNINGS, CANVAS**

American Tent & Awning Co  
Astrup Co  
Canvas Awning Institute Inc  
Canvas Products Co  
Clifton Mfg Co  
Fulton Bag & Cotton Mills  
Indestructo Awning Co  
Tucker Duck & Rubber Co  
United Tent & Awning Co

**AWNINGS, STORE & RESIDENCE**

Fawco Mfg Div Falls Stamping & Welding Co  
Kawner Co  
Non-Dei Inc  
Russell (F C) Co

**AWNINGS, WOOD**

All-Weather Window Co  
Lata Products Co

**AWNINGS & CANOPIES, METAL**

Air Control Products Inc  
Aluminum Awning Co Div Orchard Bros Inc  
Asphalt Roofing Institute  
Awnair Co  
B & B Engineering & Supply Co  
Childers Mfg Co  
Colgate Mfg Corp  
Coyte-McMorris Co Inc  
Edwards Mfg Co  
Fawco Mfg Div Falls Stamping & Welding Co  
Kaptur (Joseph J) Sales Co  
Kawner Co  
Kool Vent Aluminum Awning Distributors  
Metal Tile Products Inc  
National Ventilated Awning Co  
Orchard Brothers Inc  
Perma-Steel Corp  
Ron-Dei Inc  
Russell (F C) Co  
Stanley Works  
Thabet Mfg Co

Troy Sunshade Co  
United Metal Products Inc  
Wolfe Products Inc

**AXLES & DRIVERS, TRUCKS, SPECIAL**

Cemus Industries Inc  
Eaton Mfg Co  
Truckstell Mfg Co

**BALANCES, SASH**

Air-Tite Window Stay Co  
Allmetal Weatherstrip Co  
Aluminum Window Corp  
Calhewill Mfg Co  
Defiance Metal Weatherstrip Co  
Dorbin Metal Strip Mfg Co  
Duplex Inc  
Fabry (W H) Mfg Co  
Grand Rapids Hardware Co  
Ideal Brass Works Inc  
Industrial Iron Works  
Master Metal Strip Service Co  
Milwaukee Stamping Co  
National Lock Co  
Protex Weatherstrip Mfg Co  
Fullman Mfg Co  
Robbins Mfg Co  
Rock Island Millwork Co  
Samson Products Co  
Schumacher (F E) Co  
Star Sash Balance Corp  
Turner & Seymour Mfg Co  
Unique Balance Corp  
Unique Window Balance Corp  
Weatherproof Products Corp  
Western Foundry Co  
Zegers Inc

**BALES, SHAVINGS & SAWDUST**

Consolidated Baling Machine  
Famous Mfg Co  
Stewart Co

**BALLS, FLUSH TANK**

American Rubber Products Corp  
Chicago Specialty Mfg Co  
Essex Rubber Co  
Franklin Rubber Corp  
Metamora Rubber Works  
U S Rubber Co  
Williams-Bowman Rubber Co

**BARRIERS, VAPOR**

Air-O-Cel Co  
Angier Corp  
Bird & Son Inc  
Cary (Phillip) Mfg Co  
Infra Insulation Inc  
Keystone Asphalt Products Co  
Kimberly-Clark Corp  
Protective Papers Inc  
Reynolds Metals Co Building Prods Div  
Richcraft Co  
Sinalcraft Inc

**BARRIERS & BUGGIES**

American Cement Machinery Co Inc  
American Steel Scraper & Wheelbarrow Co  
Boyle Mfg Co  
Buch Manufacturing Co  
Case Crane & Kilbourne Jacobs Co  
Chattanooga Wheelbarrow Co  
Construction Machinery Co  
Goldblatt Tool Co  
Jackson Mfg Co  
Jeger Machine Co  
Kewance Mfg Co  
Kwik-Mix Co  
Lending Co  
Muller Machinery Co Inc  
Northwest Metal Products Inc  
Nova Engine Co  
Worthington Pump & Mach Corp Ransome Div  
Red Star Products Corp  
Seymour Mfg Co  
Sterling Wheelbarrow Co  
United States Steel Products Co  
Western Wheel Barrow Mfg Co  
Whitman Mfg Co

**BARNS, COW & PINCH**

American Swin File & Tool Co  
Dunsmuir Steel Products Corp  
Deuster Products Co  
Getty (H S) & Co Inc  
Frite Tool Co  
Stanley Tools Div Stanley Works  
True Temper Corp  
Valley Forging Co  
Woodings-Vernon Tool Works

**BASE, METAL**

Bostwick Steel Lath Co  
Goldsmith Metal Lath Co  
Inland Steel Products Co  
Kragg Bros Mfg Co  
National Gypsum Co  
Penn Metal Co Inc

Bryndis Metals Co Building Prods Div  
Trucon Steel Co  
U S Gypsum Co  
Werner (R D) Co Inc  
Wheeling Corrugating Co  
Wollagater Steel Corp

**BASES, FLUE**

Chattanooga Implement & Mfg Co  
Evans Pipe Co  
Godge Bros Steel Roofing Co  
Industrial Iron Works  
Streator Drain Tile Co  
Wheeling Corrugating Co

**BASKETS, COAL**

Edgerton Mfg Co  
Hooper (William E) & Sons Co  
Morris & Co  
Sackett (H B) Screens & Chute Co  
Steel Basket Co

**BASKETS, COUNTER DISPLAY**

Grand Rapids Hardware Co  
Marion Basket Co Inc  
Perkins Wire Goods Co  
Tulitt Steel & Wire Co  
Webbure Co

**BASKETS, TRASH & WASTE**

Boyle Mfg Co  
Cyclone Fence Div American Steel & Wire Co  
Kraus (Walter S) Co  
Lassan (F H) Co  
Majestic Co  
Meyers (Fred L) Mfg Co  
Wheeling Corrugating Co

**BATCHERS, ADJUSTABLE MEASURING**

Bauer Mfg Co  
Blaw-Knox Co  
Bodinson Mfg Co  
Butler Bin Co  
Chain Belt Co  
Concrete Transport Mixer Co  
Construction Machinery Co  
Hettich Steel Form & Iron Co  
Jaeger Machine Co  
Johnson (C S) Co  
Willard Concrete Machinery Co Ltd

**BATTERIES**

Bond Electric Corp Div Olin Industries Inc  
Bright Star Battery Co  
Burgess Battery Co  
Dexter Appliance Div General Motors Sales Corp  
Fairbanks Morse & Co  
Magnum Co Inc  
National Carbon Co  
Philco Corp  
Ray-D-Vac Co  
U S Electric Mfg Corp  
Universal Battery Co

**BEAD, CORNER METAL**

Alabama Metal Lath Co  
Badger Corrugating Co  
Berger Mfg Co Republic Steel Corp  
Bostwick Steel Lath Co  
B & T Metals Co  
Bugher Mfg Co  
Coco Steel Products Co  
Continental Steel Corp  
Donley Brothers  
Edwards Mfg Co  
Goldsmith Metal Lath Co  
Inland Steel Products Co  
Klauer Mfg Co  
Knapp Brothers Mfg Co  
Mackinburg-Dunson Co  
Mid States Steel & Wire Co  
National Gypsum Co  
Penn Metal Co Inc  
Penn Supply & Metal Corp  
Perma Products Co  
St Paul Corrugating Co  
Stons Steel Co  
Suisse Steel Co  
Trucon Steel Co  
U S Gypsum Co  
Wheeling Corrugating Co

**BEDS, WALL BUILT-IN**

American Bed & Spring Co  
Evansville Metal Bed Co  
Harris-Hub Bed & Spring Co  
Holmes Mfg Co  
Holmes Products Co  
Murphy Door Bed Co  
Sull-A-Ray Corp  
Superior Sleeper Corp

**BELLS & CHIMES, DOOR**

Auth Electrical Specialty Co  
Chimes Inc  
Curlin (F & F) Div American Hardware Corp  
Deagan (J C) Inc  
Edwards Co Inc  
Liberty Bell Mfg Co  
Mell-O-Chime & Signal Co Inc  
National Brass Co  
Nuforce Inc  
Penn Hardware Co  
Rhamstone (J Thomas)

List of Manufacturers' Names With Complete Addresses Starts on Page D-67

**Wittenham Co Inc**  
**Russell & Erwin Mfg Co**  
**Spartan Faraday Inc**  
**Star Brothers Bell Co**

#### **BELTING, CONVEYOR**

**Boston Woven Hose & Rubber Co**  
**Cyclone Fence Div American Steel & Wire Co**  
**Dick (W & J) Co Inc**  
**Goodall Rubber Co**  
**Goodrich (E F) Co**  
**Haim (Geo) Mfg Co Div Pettibone Mulliken Corp**  
**Link-Belt Co**  
**New York Rubber Corp**  
**Raybestos-Manhattan Inc Manhattan Rubber Div**  
**U S Rubber Co**

#### **BELTING, LEATHER**

**Capen Belting & Rubber Co**  
**Chicago Belting Co**  
**Fisher Leather Belting Co**  
**Southern Belting Co**  
**Western Rawhide & Belting Co**

#### **BELTING, TRANSMISSION**

**Ray State Belting Co**  
**Cincinnati Rubber Mfg Co**  
**Clark (Victor B) Belting Co**  
**Dick (W & J) Co**  
**Goodall Rubber Co**  
**Goodrich (E F) Co**  
**Goodyear Tire & Rubber Co**  
**Graton & Knight Co**  
**Lader (Edward B) Co**  
**Union Rubber & Asbestos Co**  
**U S Rubber Co**

#### **BELTS, "V"**

**Allis-Chalmers Mfg Co**  
**Broadway Rubber Mfg Co**  
**Chicago Rawhide Mfg Co**  
**Dayton Rubber Mfg Co**  
**Dick (W & J) Co Inc**  
**Durke-Atwood Co**  
**Firestone Industrial Products Co**  
**Gates Rubber Co**  
**Goodrich (E F) Co**  
**Goodyear Tire & Rubber Co**  
**Manheim Mfg & Belting Co**  
**Raybestos-Manhattan Inc Manhattan Rubber Div**  
**Republic Rubber Div Lee Rubber & Tire Corp**  
**Rockwood Mfg Co**  
**Schieren (Chas A) Co**  
**Thermoid Co**  
**U S Rubber Co**  
**Walker Turner Co Inc Kearney & Treacher Corp**  
**Web Belting & Supply Co**

#### **BENCHES, WASH TUB**

**Berg (John) Mfg Co**  
**Holland Lumber & Mfg Co**  
**Howard Mfg Co**  
**Wells (Frank H) Co**  
**Woodenware Products Corp**

#### **BENDERS, PIPE**

**American Pipe Tool Co**  
**Crown Die & Tool Co**  
**Greenlee Tool Co**  
**Martin (H F) & Sons**  
**Stinner (M B) Co**

#### **BEVELS**

**Dinton (Henry) & Sons Inc**  
**Lufkin Rule Co**  
**Southington Hardware Mfg Co**  
**Stanley Tools Div Stanley Works**  
**Starratt (L S) Co**

#### **BINDERS, LOAD**

**Advance Car Mover Co**  
**Atkins (E C) Co**  
**Dixie Logging Tool Co**  
**Durbin-Duroc**  
**Leach Co**  
**Norris Brothers**  
**Stacy Engine Co**

#### **BINDING, LINOLEUM & OIL CLOTH**

**Allmetal Weatherstrip Co**  
**B & T Metals Co**  
**Central Metal Strip Co**  
**Deucire Inc**  
**Dennis (W J) & Co**  
**Kinsaid Industries Inc**  
**Markburg-Duncan Co**  
**Metal Trims Inc**  
**National Metal Products Co**  
**Ramson Products Co**  
**Superior Plastics Div Commonwealth Plastics Inc**  
**Youngstown Mfg Co**

#### **BINS, GRAIN, PORTABLE**

**Beatrice Steel Tank Mfg Co**  
**Illinois Wire & Mfg Co**

#### **BINS, HARDWARE**

**Berger Mfg Co Republic Steel Corp**  
**Deluxe Metal Furniture Co**  
**Equipco Div Aurora Equipment Co**

**Frick-Gallagher Mfg Co**  
**Heller (W C) & Co**  
**Hines (Edward) Lumber Co**  
**Lyon Metal Products Co**  
**Red Tiger Products Inc**  
**Russell & Erwin Mfg Co**  
**Stachbin Corp**  
**Universal Steel Equipment Corp**

#### **BINS, MATERIAL STORAGE, BULK**

**Badger Corrugating Co**  
**Blaw-Knox Co**  
**Brinard Steel Co**  
**Brower Mfg Co**  
**Butler Bin Co**  
**Butler Mfg Co**  
**Caldwell (W E) Co**  
**Construction Machinery Co**  
**Deacatur Iron & Steel Co**  
**Dempster Mill Mfg Co**  
**Edwards Mfg Co**  
**Fleming Mfg Co**  
**Gifford-Wood Co**  
**Heitzel Steel Form & Iron Co**  
**Johnson (C S) Co**  
**Kalamazoo Tank & Silo Co**  
**Midwest Steel Products Co**  
**Muller Machinery Co Inc**  
**Red Tiger Products Inc**  
**Reynolds Metals Co Building Prods Div**  
**Richmond Engineering Co Inc**  
**Sharon Steel Co**  
**Sloss Steel Co**

#### **BINS, NAIL**

**Equipco Div Aurora Equipment Co**  
**Berger Mfg Co Republic Steel Corp**  
**Frick-Gallagher Mfg Co**  
**Heller (W C) & Co**  
**Red Tiger Products Inc**  
**St Paul Corrugating Co**  
**Stachbin Corp**  
**Universal Equipment Co**  
**Warren (D D) Mfg Co**

**Clark (Robert H) Co Bruno Tools Div**  
**Greenlee Tool Co**  
**Greenlee Tool Co**  
**Irwin Auger Bit Co**  
**Millers Falls Co**  
**Peck Stone & Wilcox Co**  
**Stanley Tools Div Stanley Works**  
**Star Bit & Tool Co**

#### **BITS, AUGER**

**Clark (Robert H) Co Bruno Tools Div**  
**Greenlee Tool Co**  
**Greenlee Tool Co**  
**Irwin Auger Bit Co**  
**Millers Falls Co**  
**Peck Stone & Wilcox Co**  
**Stanley Tools Div Stanley Works**  
**Star Bit & Tool Co**

#### **BITS, COUNTERSINK**

**Damaeac Steel Products Corp**  
**Greenlee Tool Co**  
**Pugh (Job T) Inc**  
**Star Bit & Tool Co**  
**Stanley Tools Div Stanley Works**  
**Vasathan & Bushnell Mfg Co**

#### **BITS, DRILL**

**International Twist Drill Corp**  
**New England Carbide Tool Co Inc**

#### **BITS, SAW**

**Atkins (E C) & Co**  
**Carley Mfg Co**  
**Hoe (R) & Co Inc**  
**Simonds Saw & Steel Co**  
**Southern Saw Works**  
**Yates-American Machine Co**

#### **BLADES, SAW, HACK, ETC.**

**Bradford Machine Tool Co**  
**Forsberg Mfg Co**  
**International Twist Drill Corp**

#### **BLASTERS, SAND**

**American Wheelabrator & Equipment Co**  
**Machrod Co**  
**Pasche Airbrash Co**

#### **BLINDS, VENETIAN**

**Agee Venetian Blind Co**  
**Aircraft Venetian Blind Mfg Co**  
**Artex-Green Corp**  
**Artistic Venetian Blind Co**  
**Bills Venetian Blind Co**  
**Brownman (Chas W) Co**  
**Chicago Venetian Blind Co**  
**Clark & Hammer Inc**  
**Clifton Mfg Co**  
**Clonay Corp**  
**Columbia Mills Inc**  
**Consolidated Venetian Blind Co**  
**Crawford-Austin Mfg Co**  
**Curtis Companies**  
**Eastern Venetian Blind Co**  
**Flint Venetian Blind Mfg Co**

#### **Bough Shade Corp**

**Ideal Co**  
**Kase Mfg Corp**  
**Lennox Lovatman Inc**  
**Mackin Venetian Blind Co**  
**Mars Venetian Blinds**  
**Maxwell Venetian Blind Co**  
**Modern Venetian Blinds Inc**  
**Murray Venetian Blind Corp**  
**National Venetian Blind Co**  
**Rock Island Millwork Co**  
**Rulicreen Co**  
**Sun Vertical Blind Co**  
**Universal Venetian Blind Co**  
**Vogue Venetian Blind Co**  
**Volkers (Wm) & Co**  
**Warren Venetian Blind Co**  
**West Coast Lumbermen's Association**  
**Western Pine Association**  
**Yardley Industries**

#### **BLINDS, VENETIAN, OUTDOOR**

**Outside Venetian Blind Co Div Taso Co**

#### **BLOCKS, BRICK-FACED**

**National Brick Block Co**

#### **BLOCKS, GLASS**

**American Structural Products Co**  
**Hageman Companies Inc**  
**Insulux Products Div Owens-Illinois Glass Co**  
**Pittsburgh Corning Corp Div Pittsburgh Plate Glass Co**

#### **BLOCKS, HEAT INSULATING**

**Owens-Illinois Glass Co Kaylo Div**

#### **BLOCKS, PLASTIC**

**Blomille Co of America Div Hackmeister Inc**  
**Columbia Protokoste Co Inc**

#### **BLOCKS, STRUCTURAL, INSULATING**

**Owens-Illinois Glass Co Kaylo Div**

#### **BLOCKS, TACKLE**

**American Hoist & Derrick Co**  
**Clyde Iron Works Inc**  
**Lansbro Mfg Co Inc**  
**Ney Mfg Co**  
**Upton-Walton Co**  
**Washington Iron Works**  
**Western Block Co**

#### **BLOWERS, AIR**

**American Foundry & Furnace Co**  
**Chelsea Fan & Blower Co**  
**Dowagiac Steel Furnace Co**  
**Hartzell Propeller Fan Co**  
**Hometite Corp**  
**Homer Furnace & Foundry Corp**  
**International Heater Co**  
**Lennox Furnace Co**  
**Nelson (Herman) Corp**  
**Trane Co**  
**Uno Ventilator Co**  
**Utility Appliance Corp**

#### **BLOWERS, FURNACE**

**American Blower Co**  
**Clarge Fan Co**  
**Dayton Electric Mfg Co**  
**Emerson Electric Mfg Co**  
**Ilg Electric Ventilating Co**  
**Lux Blower Co**  
**Nelson (Herman) Corp**  
**Victor Electric Products Co**

#### **BLOWERS, INSULATING**

**Carey (Phillip) Co**  
**Coltux Corp**  
**General Blower Co**  
**Quality Materials Co**  
**United States Book Wool Co**  
**Universal Insulating Co**

#### **BLOWERS, PORTABLE, ELECTRIC**

**Skillaw Inc**

#### **BLOWERS, SAW & PLANING MILL**

**Champion Blower & Forge Co**  
**Chase Turbine Mfg Co**  
**Clarge Fan Co**  
**Houston Blow Pipe & Sheet Metal Works**  
**Howell (E B) Co**  
**Jacksonville Blow Pipe**  
**Kirk & Blum Mfg Co**  
**New York Blower Co**  
**St Louis Blow Pipe & Heater Co**

#### **BOARD, ASBESTOS-CEMENT**

**Acme Asbestos Covering & Flooring Co**  
**Carey (Phillip) Mfg Co**  
**Coltux Corp**  
**Romane Co**  
**John-Manville Corp**  
**Kearsey & Mattison Co**  
**Ruberoid Co**

#### **BOARD, ASBESTOS-CEMENT, ENCASED INSULATION**

**Carey (Phillip) Mfg Co**  
**Coltux Corp**  
**John-Manville Corp**  
**Kearsey & Mattison Co**

#### **BOARDS, BULLETIN**

**Acme Bulletin & Directory Board Corp**

#### **BOARDS, DRAFTING**

**Hamilton Mfg Co**  
**Kreffel & Esser Co**  
**White (David) Co**

#### **BOARDS, CUTTING, GLASS**

**Barrett (Wm L) Co**  
**Fletcher Terry Co**  
**Glaziers Tool Mfg Co**  
**Heller (W C) & Co**  
**Lofkin Rule Co**  
**Marvel Rack Mfg Co**  
**Red Devil Tools**  
**Sommer & Maca Glass Machinery Co**  
**Warner Mfg Co**

#### **BOATS, K D PLYWOOD, ETC**

**Aluma Craft Boat Co**  
**Dillabaugh (C E) Boat Co**  
**Higgins Inc**  
**Kalamazoo Canvas Boat Co**  
**Southern Mfg Co**  
**West Coast Lumbermen's Association**  
**Winnier Mfg Co**

#### **BONS, PLUMB**

**Brown & Sharpe Mfg Co**  
**Dieltagen (Eugene) Co**  
**Goldblatt Tool Co**  
**Kreffel & Esser Co**  
**Lofkin Rule Co**  
**Millers Falls Co**  
**Sargent & Co**

#### **BODIES, TRUCK**

**Beall Pipe & Tank Corp**  
**Carter Mfg Co**  
**Farmers Lumber & Supply Co**  
**Fordyce-Crommet Lumber Co**  
**Frushauf Trailer Co**  
**Garnet (E S) Lumber Co**  
**Hercules Steel Products Corp**  
**Indiana Body Co**  
**Kewanee Mfg Co**  
**Merrison Steel Products Inc**  
**Perfection Steel Body Co**  
**Peiner-Williamette Co**  
**Reynolds Metals Co Building Prods Div**  
**Spokane Sash & Door Co**  
**Stoughton Cab & Body Co**  
**Stritch (A) & Bros Co**  
**Wentworth & Irwin**  
**Wood (Gar) Industries Inc**

#### **BODIES, TRUCK, CONCRETE, DUMP**

**Dumprete Div Maxon Construction Co Inc**

#### **BODIES, TRUCK, DEMOUNTABLE**

**American Truck & Body Co**  
**Perfection Steel Body Co**

#### **BODIES, TRUCK, DUMP**

**Anthony Company**  
**Beall Pipe & Tank Corp**  
**Dumprete Div Maxon Construction Co Inc**  
**Farmers Lumber & Supply Co**  
**Heil Co**  
**Hercules Steel Products Corp**  
**Houston Blow Pipe & Sheet Metal Works**  
**Kewanee Mfg Co**  
**Perfection Steel Body Co**  
**Peiner-Williamette Co**  
**Wood (Gar) Industries Inc**

#### **BODIES, TRUCK, ROLLOFF**

**Beall Pipe & Tank Corp**  
**Carter Mfg Co**  
**Frushauf Trailer Co**  
**Hesserman Mfg Co**  
**R-B Company**  
**Stimmel Winch Co**  
**Stritch (A) & Brothers Co**  
**Wentworth & Irwin Inc**

#### **BOILERS, RANGE, COPPER**

**Engelhard (Frank) & Sons**  
**Wood (John) Manufacturing Co Inc**

#### **BOILERS, RANGE, GALVANIZED IRON**

**Case (W A) & Son Mfg Co**  
**Combustion Engineering-Superheater Inc**  
**Hodges-Walsh-Weldner Div Combustion Engineering-Superheater Inc**  
**Heller-Allier Co**  
**Seafic Co**

**List of Manufacturers' Names With Complete Addresses Starts on Page D-67**

**BOILERS, STEAM & HOT WATER**

Aldrich Co Div Bruce Corp Inc  
American Radiator & Standard Sanitary Corp  
Burnham Co Boiler Div  
Cleveland Steel Products Co Turbidite Div  
Crane Co  
DeLoe Appliance Div General Motors Corp  
Dowry-Shepard Boiler Co  
General Electric Co Air Conditioning Dept  
General Fittings Co  
Gilbert & Barker Mfg Co  
Hill Company  
International Heater Co  
Kewanee Boiler Corp Div American Radiator  
& Standard Sanitary Corp  
National Radiator Co  
Olinx Co  
Penn Boiler & Burner Mfg Corp  
Petroleum Heat & Power Co  
Scott-Newcomb Inc  
Smith (H B) Co  
Spencer-Lesming Div—Arco Mfg Corp  
Surface Combustion Corp  
Ulica Radiator Corp  
Waterline Boilers Inc  
Well-McLain Co

**BOLTS & NUTS**

Adams-Rite Mfg Co  
Allen-Prouty Inc  
Atlas Bolt & Screw Co  
Barrows Lock Works  
Bethlehem Steel Co  
Carpenter & Patterson Inc  
Casecount Hardware Co  
Central Screw Co  
Chase Brass & Copper Co  
Clark Brothers Bolt Co Inc  
Columbia Nut & Bolt Co  
Continental Screw Co  
Corbin (P & F) Div American Hardware Corp  
Eagle Lock Co  
Eico Tool & Screw Corp  
Finsale Equipment Mfg Co  
Frantz Mfg Co  
Griffin Mfg Co  
Haskell (Wm H) Mfg Co  
Ives (H B) Co  
Lewis Bolt & Nut Co  
Lockwood Hardware Mfg Co  
Maryland Bolt & Nut Co  
McKinley Mfg Co  
National Brass Co  
National Lock Co  
National Mfg Co  
National Screw & Mfg Co  
Norwalk Lock Co  
Parter (H) Hardware Mfg Corp  
Penn Hardware Co  
Pibell Mfg Co  
Reading Hardware Corp  
Reed & Prince Mfg Co  
Republic Steel Corp  
Richards-Wilcox Mfg Co  
Rockford Bolt & Steel Co  
Russell Ironball & Ward Bolt & Nut Co  
Russell & Erwin Div American Hardware Corp  
Byron (Joseph T) & Son Inc  
Safe Padlock & Hardware Co  
Sager-Barrows Lock Works  
St Louis Screw & Bolt Co  
Sheffield Steel Co  
Slagmaler Lock Co  
Standard Bronze Co  
Starline Inc  
Sterling Bolt Co  
Stronhold Screw Products Inc  
Triplex Screw Co  
United Screw & Bolt Corp

**BOLTS, EXPANSION**

Corbin (P & F) Div American Hardware Corp  
Bawling Co Inc Industrial Div

**BOLTS, STRUCTURAL**

Ackerman-Johnson Co  
Arco Expansion Bolt Co  
Dewar Iron & Steel Co  
Chicago Expansion Bolt Co  
Planned Expansion Bolt Co  
Holub Industries Inc  
Molly Corp  
Moore (Goodline E) Co  
Paine Company  
Pulis (J D) Mfg Co  
Rawling Co Inc  
Star Expansion Bolt Co  
St Louis Screw & Bolt Co  
Sterling Bolt Co  
Stronhold Screw Products Inc  
Williams Form Engineering Corp  
U S Expansion Bolt Co

**BOLTS, TOGGLE**

Ackerman-Johnson Co  
Arco Expansion Bolt Co  
Carpenter & Patterson Inc  
Chicago Expansion Bolt Co  
Paine Company  
Star Expansion Products Co Inc  
United Screw & Bolt Corp

**BOLTS, "U"**

Atlas Bolt & Screw Co  
Republic Steel Corp  
Seymour Mfg Co Inc  
Standard Turnbuckle Co

**BOOKS, BUILDING**

American Technical Society  
Book Service Dept American Builder Sim-  
mons-Boardman Pub Corp  
Merrill Publishing Corp  
Wiley (John) & Sons Inc

**BOOKS, ESTIMATING**

Book Service Dept American Builder Sim-  
mons-Boardman Pub Corp

**BOOKS, HOUSE DESIGNS, PLANS**

Book Service Dept American Builder Sim-  
mons-Boardman Pub Corp

**BOOKS, LANDSCAPING**

Scott (O M) & Sons Co

**BOOKS, PRICE**

Deakin Price Book  
Hestwood (Chas) E & A

**BOTTOMS, DOOR, DRAFT, SEAL, AUTO-  
MATIC**

Dennis (W J) & Co  
Lloyd Mfg Co  
Macklinburg-Duncan Co  
Master Metal Strip Service Co

**BOWLS, SINK, METAL**

International Nickel Co  
Legion Stainless Sink Corp

**BOXES, CASH**

Durham Mfg Co  
Erie Art Metal Co  
Hamilton Metal Products Co  
Kramer (A) Inc  
Meritan Mfg Co  
Smith (J G) Mfg Co

**BOXES, ELECTRICAL SERVICE & FUSE**

Adam (Frank) Electric Co  
All-Steel Equipment Co Inc  
Arrow Hart & Hageman Elec Co  
Cole Electric Products Div Federal Electric  
Products Co  
Columbia Metal Box Co  
Electrical Engineers Equipment Co  
Federal Electric Products Co  
General Electric Co Construction Materials  
Dept.  
Hedges-Walsh-Weldner Div Combustion Engi-  
neering-Superheater Inc  
Leonard Electric Mfg Co  
Porcelain Products Inc  
Westinghouse Electric Corp  
Wurdack (Wm) Electric Div—Federal Elec-  
tric Prods Co

**BOXES, FLOWER**

Arterre Products Co  
Fawcett Mfg Div Falls Stamping & Welding Co  
Metal Products Co  
Rustic Crafts Co Inc  
West Coast Lumbermen's Association

**BOXES & DROPS, MAIL, BUILT-IN, RESI-  
DENCE & APARTMENT, ETC.**

Air Control Products Inc  
Ajax Hardware Mfg Corp  
Allen Steel Products  
American Device Mfg Co  
Auth Electrical Specialty Co  
B & T Metals Co  
Champion Hardware Co  
Clison Corp  
Coffman (E G) Co Inc  
Collins (George F) & Co  
Columbia Metal Box Co  
Corbin (P & F) Div American Hardware Corp  
Dunley Brothers  
Froo Mfg Co  
Finsale Equipment Mfg Co  
Gentry (H S) & Co Inc  
Harris Inc  
Inland Steel Products Co  
Ives (H B) Co  
Kewanee Mfg Co  
Kohlrad Mail Box Co  
Lockwood Hardware Mfg Co  
Mail Safe Mfg Co  
Majestic Co  
McKinley Mfg Co  
Metal Products Corp  
National Brass Co  
Northwestern Products Co  
Norwalk Lock Co Div Seal Lock & Hardware  
Co  
NoFane Inc  
Peashoby-Acker Inc  
Penn-Greg Mfg Co  
Perfection Stone Dealer Co  
Reading Hardware Corp  
Russell & Erwin Div American Hardware Corp  
Sager-Barrows Lock Works  
Sargent & Co  
Skillman Hardware Co  
Slagmaler Lock Co

Sport Parady Inc  
Standard Bronze Co  
Yale & Towne Mfg Co

**BOXES, MITER**

Empire Level Mfg Co  
Macklinburg-Duncan Co  
Millers Falls Co  
Rockford Miter Box Co  
Stanley Tools Div Stanley Works  
Union Hardware Co  
Youngstown Mfg Co

**BOXES, MORTAR**

All-Steel Equipment Co Inc  
American Sheet Metal Works  
American Steel Works  
Bostwick Steel Lath Co  
Dunlop Brothers  
Enrich Mfg Co  
Goldblatt Tool Co  
Holt Steel Form & Iron Co  
Kewanee Mfg Co  
Majestic Co  
Miller Machinery Co Inc  
Price Fireplace Heater & Tank Corp  
Richmond Engineering Co Inc  
Thermado Metal Products Inc

**BOXES, TOOL**

All-Steel Equipment Co  
Equipco Div Aurora Equipment Co  
Lufkin Rule Co  
Loop Metal Products Inc  
Rex Tool Co  
Union Steel Chest Corp

**BRACES, BIT & DRILLS, HAND**

Economy Mfg Co  
Finsale Equipment Mfg Co  
Forsberg Mfg Co  
Millers Falls Co  
Peck Stow & Wilcox Co  
Stanley Tools Div Stanley Works

**BRACKETS, CURTAIN**

Alto Mfg Co  
Bay States Stamping Co  
Gould-Morseman Co Inc  
Turner & Seymour Mfg Co

**BRACKETS, HAND RAIL**

Ives (H B) Co  
Lockwood Hardware Mfg Co  
Corbin (P & F) Div American Hardware  
Corp  
Penn Hardware Co  
Sargent & Co  
Skillman Hardware Co

**BRACKETS, ROOF**

Artercraft Ornamental Iron Co  
Cincinnati Iron Fence Co Inc  
Curtis Companies Inc  
Flint (A W) Co  
Holt's Mfg Co of Ohio  
Marvel Equipment Co  
Rogg Mfg Co  
Stanley Works  
Tilley (John S) Ladders Co Inc  
Wagner Mfg Co

**BRACKETS, SAWHOBSE**

Crane Packing Co  
Dalton Mfg Co  
Grand Haven Stamped Products Co  
Larson (Charles O) Co  
M & M Wire Clamp Co  
Pamell Displays Inc  
Union Mfg & Gauge Co  
Wagner Mfg Co  
Wilson-Albrecht Co

**BRACKETS, SHELF**

American Cabinet Hardware Co  
Autopac Co  
Corbin (P & F) Div American Hardware Corp  
Fawcett Mfg Div Falls Stamping & Welding  
Co  
Interstate Brick Co  
Frantz Mfg Co  
Hager (C) & Son Hinge Co  
Heller (W C) Co  
Knape & Vogt Mfg Co  
Macklinburg-Duncan Co  
McKinley Mfg Co  
Miami Cabinet Die Carey (Philip) Mfg Co  
National Brass Co  
National Lock Co  
National Mfg Co  
Russell & Erwin Mfg Co  
Sargent & Co  
Stanley Works  
Wilmac Metal Products

**BRACKETS, SINK**

American Foundry & Mfg Co  
Griffin Mfg Co  
Modern Iron Works  
Penn Hardware Co

Rosell Mfg Co  
Stanley Works

**BRACKETS, STUD**

Finsale Equipment Mfg Co  
Wagner Mfg Co

**BRACKETS, WALL**

Corbin (P & F) Div American Hardware Corp  
Plint (A W) Co  
Heller (W C) & Co  
Ives (H B) Co  
Marvel Equipment Co  
Pain & Seymour Inc  
Standard Bronze Co  
Superior Plastics Div Commonwealth Plastics  
Inc  
Valley Metal Products  
Warren (J D) Mfg Co

**BRASS & COPPER, MISC SHAPES, ETC**

American Brass Co  
Ansonia Sales Co  
Bridgport Brass Co  
Chase Brass & Copper Co  
Honey (C O) Co  
Revere Copper & Brass Co  
Rosell Mfg Co  
Sherman (H B) Mfg Mfg Co  
Western Cartridge Co Div Otis Industries

**BREAKERS, CIRCUIT**

Adem (Frank) Electric Co  
Building Electric Products Co  
Federal Electric Products Co  
Hathaway & Co  
Westinghouse Electric Corp

**BRICK, ACID-PROOF**

Acme Brick Co  
Sacramento Cement Co  
Brattner Brick Co  
Structural Clay Products Institute  
Summitville Faes Brick Co  
Texas Brick Co  
U S Stoneware Co  
Washington Brick & Lime Co

**BRICK, COMMON**

Acme Brick Co  
Adel Brick Co  
Adel Clay Products Co  
Alabama Clay Products Co  
Alton Brick Co  
Alvino Brick Co  
Baltimore Brick Co  
Bridgman Brick Co Inc  
Black Hills Clay Products Co  
Rials Brick Co  
Bridgewater Brick Co  
Brook Brick Co  
Builders Brick Co  
Brins (W G) & Co  
Chehalis Brick & Tile Co  
Church Brick Co  
Claycraft Co  
Columbia Brick Works  
Denning Sewer Pipe & Clay Co  
Denver Sewer Pipe & Clay Co  
Dickinson Clay Products Co  
Donnelly Brick Co  
Dressy Brick Co  
Elain Butler Brick Co  
El Paso Brick Co  
Florida Georgia Brick & Tile Co  
Fraser Brick Co  
Frederick Brick Works  
Gaffney Brick Co  
General State Products Corp  
Gladding McBean & Co  
Glen-Gery Brick Co  
Goodrich (W S) Inc  
Great Falls Brick Co  
Guinard Brick Works  
Hape Brick Works  
Humboldt Brick & Tile Co  
Hydraulic Press Brick Co  
Illinois Brick Co  
Interstate Brick Co  
Jonestown Brick Co  
Ives Brick Works  
Kingsland Clay Products Co  
Las Vegas Brick Co  
Lorell Clay Products Co  
Masson Clay Brick & Tile Co  
Metropolitan Paving Brick Co  
National Fireproofing Co  
New Mexico Clay Products Co  
Ochs (A C) Brick & Tile Co  
Red River Valley Brick Corp  
Reynolds Brick Co  
Richards Brick Co  
Richland State Products Co  
Sacramento Brick Co  
Sealson Products Inc  
Sheffield Brick & Tile Co  
Sheridan Press Brick & Tile Co  
Simons Brick Co  
Southern Brick & Tile Co  
Spring Garden Brick Co  
Standard Brick & Tile Corp  
Structural Clay Products Institute  
Summit Press Brick & Tile Co  
Texas Brick Co  
Washington Brick & Lime Co  
Western Brick Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

Western Brick & Supply Co  
West Virginia Brick Co  
Yankee Hill Brick Mfg Co

#### BRICK, FACE

Acme Brick Co  
Ada Brick Co  
Adel Clay Products Co  
Alabama Clay Products Co  
Alton Brick Co  
Ashe Brick Co  
Baltimore Brick Co  
Binghamton Brick Co Inc  
Black Hills Clay Products Co  
Brooks Brick Co  
Builders Brick Co  
Bush (W G) & Co  
Chehalis Brick & Tile Co  
Chicago Fire Brick Co  
Claycraft Co  
Colonial Clay Products Co  
Columbia Brick Works  
Concord Brick Co  
Craycroft Brick Co  
Denmore Brick Co  
Denver Sewer Pipe & Clay Co  
Donnelly Brick Co  
Drury Brick Co  
Eglin-Butler Brick Co  
El Paso Brick Co  
Evans Brick Co  
Fairfield Brick Co  
Fayette Brick & Tile Co  
Florida Georgia Brick & Tile Co  
Fraser Brick Co  
Frederick Brick Works  
Gaffney Brick Co  
Gannon Clay Products Co  
General Shale Products Corp  
Gladding McBean & Co  
Glen-Gary Brick Co  
Great Falls Brick Co  
Guigand Brick Works  
Hancock Brick & Tile Co  
Hanley Co  
Hattiesburg Brick Works  
Hocking Valley Brick Co  
Hope Brick Works  
Humboldt Brick & Tile Co  
Hydraulic Press Brick Co  
International Brick Co  
Interstate Brick Co  
Isenhour (G W) & Sons  
Jenkins Brick Co  
Kendrick Brick & Tile Co  
Kingland Clay Products Co  
Laramie Brick & Tile Co  
Laredo Brick Co  
Las Vegas Brick Co  
Lexington Brick & Tile Co  
Lorell Clay Products Co  
Metropolitan Paving Brick Co  
Missouge Clay Products Co  
New England Brick Co  
Ochs (A C) Brick & Tile Co  
Ogden Pressed Brick & Tile Co  
Old Virginia Brick Co  
Pacific Clay Products  
Farrington Paving Brick Co  
Redfield Brick & Tile Co  
Roanoke Webster Brick Co Inc  
Sealton Products Inc  
Sheffield Brick & Tile Co  
Sheridan Press Brick & Tile Co  
Southern Brick Co  
Southern Brick & Tile Co  
Standard Brick & Tile Corp  
Stone Creek Brick Co  
Stratford Brick Co  
Summit Pressed Brick & Tile Co  
Summitville Face Brick Co  
Texas Brick Co  
Twin City Brick Co  
Verdigris Valley Vitified Brick & Tile Co  
Washington Brick & Lime Co  
West Virginia Brick Co  
Western Brick Co  
Williamina Clay Products Co  
Yankee Hill Brick Mfg Co

#### BRICK, ENAMELED

Acme Brick Co  
Arketex Ceramic Corp  
Claycraft Co  
Gladding McBean & Co  
Hanley Co  
Hydraulic Press Brick Co  
National Fireproofing Co  
Stark Brick Co  
Structural Clay Products Institute  
Washington Brick & Lime Co

#### BRICK, FIRE

Acme Brick Co  
Armstrong Cork Co  
Babcock & Wilcox Co  
Chicago Fire Brick Co  
Clay City Pipe Co  
Columbia Brick Works  
Curtis Mfg & Adhesives Co  
Denver Fire Clay Co  
Dixie Fire Brick Co  
General Refractories Co  
Gladding McBean & Co  
Green (A P) Fire Brick Co  
Harrison-Walker Refractories Co  
Idaho Fire Brick & Clay Co  
Ironton Fire Brick Co  
John-Magville Corp  
Ladlow-Chutesy Co  
Louisville Fire Brick Works  
Mexico Refractories Co

Norton Co  
Sewerage Sewer Pipe Co Inc  
Pacific Clay Products  
Pittsburg Portland Firebrick Co  
Fro Clay Products Co  
Quigley Co  
Robinson Clay Product Co  
Seaboard Refractories Co  
Sheffield Brick & Tile Co  
Superior Plastics Div Commonwealth Plastics Inc  
Tish Fire Clay Co  
Wash Refractories Corp  
Washington Brick & Lime Co

#### BRICK, GLAZED

Acme Brick Co  
Arketex Ceramic Corp  
Albans Brick & Tile Co  
Binghamton Brick Co Inc  
Cambridge Clay Products Co  
Claycraft Co  
Denver Sewer Pipe & Clay Co  
Eglin-Butler Brick Co  
Gladding McBean & Co  
Hanley Co  
Hydraulic Press Brick Co  
Metropolitan Paving Brick Co  
National Fireproofing Co  
Stark Brick Co  
Structural Clay Products Institute  
Wash Refractories Corp  
Washington Brick & Lime Co

#### BRICK, NORMAN & ROMAN

Acme Brick Co  
Adel Clay Products Co  
Columbia Brick Works  
Gladding McBean & Co  
Isenhour (G W) & Sons  
Malvern Clay Co  
Midland Brick Co  
Whitacre-Greer Fireproofing Co

#### BRICK, PAVING

Acme Brick Co  
Hocking Valley Brick Co  
Metropolitan Brick Inc  
Summitville Face Brick Co  
Washington Brick & Lime Co  
Western Brick & Supply Co

#### BRICK, SAND LIME

Bakersfield Sandstone Brick Co  
Missour Hardstone Brick Co  
Northern Indiana Brick Co  
Unifit Cement Products Co  
Washington Brick & Lime Co  
Wisconsin Brick Corp

#### BRICK, VENEER

Binghamton Brick Co Inc  
Frederic Co Inc  
Evans Brick Works  
Mason 2" Brick Veneer Co  
Western Brick & Supply Co

#### BRIDGING, STEEL

Bethlehem Steel Co  
Boris & Stahl Co  
Dravo Corp  
Glover Mfg & Sales Co  
Great Lakes Steel Corp Stran-Steel Div  
Inland Steel Co  
International Steel Co  
Lansboro Mfg Co Inc  
Pioneer Co  
Rehabbing Steel Corp  
Solex Steel Co  
Sta-Tite Inc  
Union Metal Mfg Co  
Weico Co

#### BRUSHES, INDUSTRIAL

Devos & Reynolds Inc Brush Div  
Goldblatt Tool Co  
Illinois Duster & Brush Co  
Milwaukee Brush Mfg Co  
National Brush Co  
Osborn Mfg Co  
Rubberst Co

#### BRUSHES, PAINTERS'

American Brush Mfg Co  
Baker Brush Co Inc  
Berry Brothers Inc  
Devos & Reynolds Inc  
DuPont (E I) de Nemours & Co  
Gildner Co  
Markwell Mfg Co  
Newark Brush Co  
Osborn Mfg Co  
Parler (Ira) & Sons Co  
Pittsburgh Plate Glass Co Brush Div  
Pizzi-Kote Inc  
Pollock Brush Co  
Purdy Brush Co  
Rubberst Co  
Sherwin-Williams Co  
Star Brush Mfg Co  
United Brush Mfg Co  
Wooster Brush Co

#### BRUSHES, PAPERHANGERS'

Baker Brush Co  
Devos & Reynolds Inc  
Maender Brush Mfg Co Inc  
Rubberst Co  
Wooster Brush Co

#### BRUSHES, ROOFING

Bestlager Bros  
Chicago Brush Co  
Devos & Reynolds Inc  
Empire Brush Works  
Hanson & Goodman Co  
Milwaukee Brush Mfg Co  
Pittsburgh Plate Glass Co Brush Div  
Purdy Brush Co

#### BRUSHES, WINDOW

American Brush Mfg Co  
Chicago Brush Co  
Empire Brush Works  
Pittsburgh Plate Glass Co Brush Div

#### BUCKETS, GLASSHELL

Blaw-Knox Div Blaw-Knox Co  
Hais (George) Mfg Co Inc Div Pettibone  
Mulliken Corp  
Harnischfeger Corp  
Jager Machine Co  
Johnson (C S) Co  
Link-Belt Co  
Orton Crane & Shovel Co  
Pettibone Mulliken Corp  
Silent Heat & Crane Co

#### BUCKETS, CONCRETE

Blaw-Knox Div Blaw-Knox Co  
Hais (George) Mfg Co Inc Div Pettibone  
Mulliken Corp  
Johnson (C S) Co  
Muller Machinery Co Inc  
Owen Bucket Co  
Wheeling Corrugating Co

#### BUCKETS, FINE

Wheeling Corrugating Co

#### BUGGIES, LUMBER

Bassett Industries  
Corley Mfg Co  
Cunningham Machinery Corp  
Electric Wheel Co

#### BUILDINGS, METAL

Arcoo Drainage & Metal Products Inc  
Blaw-Knox Div Blaw-Knox Co  
Butler Mfg Co  
Edwards Mfg Co  
International Steel Co  
Luria Engineering Corp  
Macomber Inc  
Meeker (George L) Steel Corp  
New Holland Metals Co  
Pioneer Co  
Reynolds Metals Co Building Products Div  
St Paul Corrugating Co  
Southern States Iron Roofing Co  
Steelcraft Mfg Co  
Stran-Steel Div Great Lakes Steel Corp  
Truscon Steel Co  
United Steel Fabricators Inc

#### BUILDING, PREFABRICATED, FIRM

Butler Mfg Co  
Clayton & Lambert Mfg Co  
Close-To-Nature Co  
Crawford Corp  
Factory Built Homes Inc  
Ford (Iron B) Inc  
GIB-Way Homes Inc  
Great Lakes Steel Corp  
Green Lumber Co  
Hargrove Co  
Hodgson (E F) & Son  
Houston Blow Pipe & Sheet Metal Works  
Houston Ready-Cut House Co  
James Mfg Co  
Potter Mfg & Lumber Co  
Precision-Built Homes Corp  
Fre Fab Industries  
Reynolds Metals Co Building Prods Div  
Rico Laminated Products Inc  
Starline Inc  
Steelcraft Mfg Co  
Strathmore Co  
Super-Structures Inc  
Texas Housing Co Inc  
Timber Structures Inc  
U S Challenge Co  
Unit Structures Inc  
Weyerhaeuser Sales Co

#### BULLDOZERS

Allis-Chalmers Mfg Co Tractor Div  
Bucyrus-Erie Co  
Caterpillar Tractor Co  
Hough (Frank G) Co

Jager Machine Co  
LeYoursou (R G) Inc  
Mixer-Mobile Manufacturers  
Truckson Co

#### BURNERS, COAL

Atlanta Store Works Inc  
Eagle Store Works  
Estate Store Co Div Noma Electric Co  
Excelsior Store & Mfg Co  
General Machine Co Inc  
Laurelton Foundry Co  
Leake Store Co  
Mastelle Co  
Quincy Store Mfg Co  
Wayne Home Equipment Co

#### BURNERS, COAL GAS & OIL

Ray Oil Burner Co  
Scott-Newcomb Inc

#### BURNERS, GAS

Aldrich Co Div Breeze Corp Inc  
American Gas Association  
American Radiator & Standard Sanitary Corp  
Anchor Div Stratton & Terstege Co Inc  
Bard Mfg Co  
Brant Heater Div Affiliated Gas Equipment  
Inc  
Chattanooga Implement & Tool Co  
Cleveland Steel Products Co Torfheer Div  
Coleman Co  
Conoco Engineering Works Div Conkey II D  
Co  
Heli Company  
Henry Furnace Co  
Holladay Furnace Co  
International Oil Burner Co  
Iron Fireman Co  
Jackson & Church Co  
Ko-Z-Air Inc  
Lennox Furnace Co  
Little (H C) Burner Co  
Mastelle Co  
Norge Heat Div Borg-Warner Corp  
Norman Products Co  
Olinx Co  
Penn Boiler & Burner Mfg Co  
Queen Store Works  
Rybolt Heater Co  
Simplex Oil Heating Corp  
Surface Combustion Corp  
Tence Inc  
Wayne Home Equipment Co  
Will-Burt Co  
Burn (J A) Mfg Co

#### BURNERS, OIL

Atroll Burner Co Inc  
Airtemp Div Chrysler Corp  
Aldrich Co Div Breeze Corp Inc  
American Radiator & Standard Sanitary Corp  
Anchor Div Stratton & Terstege Co Inc  
Bard Mfg Co  
Chalmers Oil Burner Co  
Cleveland Steel Products Co  
Conoco Engineering Works Div Conkey (H D)  
Co  
Crane Co  
Delco Appliance Div General Motors Sales  
Corp  
Dun-Thorn Div Motor Wheel Corp  
Farrabaum Motors & Co  
Fluid Heat Div Anchor Post Products Inc  
General Electric Co Air Conditioning Dept  
General Machine Co Inc  
General Utilities Corp  
Genstar Mfg Corp  
Gilbert & Barker Mfg Co  
Harvey-Whipple Inc  
Hank Mfg Co  
Heli Co  
Henry Furnace Co  
International Oil Burner Co  
Iron Fireman Mfg Co  
Jackson & Church  
Johnson (H T) Co  
Kohler Master Corp  
Ko-Z-Air Inc  
Kresky Mfg Co  
Lennox Furnace Co  
Little (H C) Burner Co  
Mastelle Co  
National Airtel Burner Co  
Norge Heat Div Borg-Warner Corp  
Olinx Co  
Paragon Appliances Corp  
Penn Boiler & Burner Mfg Corp  
Perrino Mfg Corp  
Pettibone Heat & Power Co  
Quaker Mfg Co  
Quiet Automatic Burner Corp  
Ray Oil Burner Co  
Rybolt Heater Co  
Silent Glow Oil Burner Co  
Silent Sloop Oil Burner Corp  
Simplex Oil Heating Corp  
Timken Silent Automatic Div Timken-Detroit  
Able Co  
Trichter Furnace Co  
U S Machine Corp  
Viking Mfg Corp  
Wayne Home Equipment Co  
Will-Burt Co  
Williams Oil-Matic Div Eureka-Williams Co  
York-Shippy Inc

#### BURNERS, SAWDUST

Bouton Blow Pipe & Sheet Metal Works  
Industrial Iron Works

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

AMERICAN BUILDER

Seattle Boiler Works  
Western Foundry Co

#### BUTTONS, ELECTRIC PUSH

Corbin (P & F) Div American Hardware Corp  
Hager (C) & Son Hinge Co  
Lockwood Hardware Mfg Co  
Shillman Hardware Co  
Stanley Works

#### CABINETS, BATHROOM

American Enamelled Products Co  
Angel Novelty Co  
Bennett Mfg Co  
Camp Mfg & Sales Co  
Carr Adams & Collier Co  
Cole Mfg Co  
Colgate Mfg Corp  
Colostyle Corp Type-Road Inc Div  
Columbia Metal Box Co  
Conant Bros Co  
Copeo Steel & Engineering Co  
Curtis Companies Inc  
Dyke Brothers  
Excel Metal Cabinet Co Inc  
Farley Mfg Co  
Farley & Loetscher Mfg Co  
Gerly-Michigan Corp  
Gold Seal Mfg Co  
Grote (J B) Co  
Grote Mfg Co  
Hall-Mark Co  
Hamilton Metal Products Co  
Harris Inc  
Hess Warming & Ventilating Co  
Hunting Blow Pipe & Sheet Metal Works  
Ideal Cabinet Corp Des Lauriers Column  
Mould Co  
Ideal Co  
Kinross Fine Mills Co  
Knapp & Vogt Mfg Co  
Kraus (Walter S) Co  
Lawson (F H) Co  
Marshand (A) Inc  
Marquart Millwork Co  
Miami Cabinet Div Carey (Phillip) Mfg Co  
Morgan Co  
Morton Mfg Co  
National Metal-Art Mfg Co  
National Metal Products Co  
National Mirror Works  
Packard Farmstead Corp  
Parker (Charles) Co  
Porcelain Metals Corp  
Rouch & Munser Mfg Co  
Rock Island Millwork Co  
Royal Glass Works Corp  
Shepler Mfg Co  
Smith (E C) Mfg Corp  
Standard Building Products Co  
Standard Stamping & Perforating Co  
Standard Steel Cabinet Co  
Stylon Corp  
Toledo Desk & Fixture Co  
Toledo Plate & Window Glass Co  
United Metal Box Co  
Universal Fabricators  
Vinegar Sales Co  
Walters Mfg Co

#### CABINETS, DISPLAY, BRICK

Equipto Div Aurora Equipment Co

#### CABINETS, DISPLAY COUNTER

Actna Plywood & Veneer Co  
American Plywood Corp  
Colgate Mfg Corp  
Engineering Plywood Products Co  
Equipto Div Aurora Equipment Co  
General Wood Works  
Grammos (L F) & Sons Inc  
Graff Rapids Store Equipment Co  
Heiler (W C) & Co  
Hines (Edward) Lumber Co  
Kraus (Walter S) Co  
Long Bell Lumber Co  
Lyon Metal Products Inc  
Marvel Rack Mfg Co  
Moore (Goodwin E) Inc  
Precision Equipment Co  
Reflector Hardware Corp  
Rustle Furniture Co Inc  
Schwartz Showell Corp  
Sashbin Corp  
Universal Steel Equipment Corp  
Warren (J D) Mfg Co

#### CABINETS, DISPLAY, BRICK

Equipto Div Aurora Equipment Co

#### CABINETS, DISPLAY COUNTER

Actna Plywood & Veneer Co  
American Plywood Corp  
Colgate Mfg Corp  
Engineering Plywood Products Co  
Equipto Div Aurora Equipment Co  
General Wood Works  
Grammos (L F) & Sons Inc  
Graff Rapids Store Equipment Co  
Heiler (W C) & Co  
Hines (Edward) Lumber Co  
Kraus (Walter S) Co  
Long Bell Lumber Co  
Lyon Metal Products Inc  
Marvel Rack Mfg Co  
Moore (Goodwin E) Inc  
Precision Equipment Co  
Reflector Hardware Corp  
Rustle Furniture Co Inc  
Schwartz Showell Corp  
Sashbin Corp  
Universal Steel Equipment Corp  
Warren (J D) Mfg Co

#### CABINETS, FIRE EQUIPMENT

Allen (W D) Mfg Co  
Elkhart Brass Mfg Co  
Excel Metal Cabinet Co  
Safety Fire Extinguisher Co  
Standard Fire Hose Co  
Wirt & Knox Mfg Co

#### CABINETS, HOUSEHOLD

American Central Div Aero Mfg Corp  
Angel Novelty Co  
Berger Mfg Co Div Republic Steel Corp  
Carr Adams & Collier Co  
Cole Mfg Co  
Colgate Mfg Corp  
Curtis Companies Inc  
Excel Metal Cabinet Co Inc  
Farley & Loetscher Mfg Co  
General Electric Co Appliances & Merchandise  
Dept  
General Panel Corp  
Gold Seal Mfg Co  
Grote & Son  
Grote Mfg Co Inc

#### Harrison Steel Cabinet Co

Hotpoint Inc  
Hubery Bros Inc  
Ideal Co  
IXL Furniture Co  
J D Products Co  
Kitchen-Maid Corp  
Kraus (Walter S) Co  
Lawson (F H) Co  
Lyon Metal Products Co  
Midwest Mfg Co  
Morgan Co  
Mullins Mfg Corp  
Mutschler Bros  
Nason Wood Products Inc  
Palley Mfg Co  
Paragon Utilities Corp  
Shirley Corp  
Spokane Wash & Door Co  
Tracy Mfg Co  
Whitehead Metal Prods Co Inc

#### CABINETS, KITCHEN, METAL

Acme Metal Products Corp  
American Central Div Aero Mfg Corp  
Angel Novelty Co  
Berger Mfg Div Republic Steel Corp  
Dwyer Products Corp  
Edison General Electric Appliances Co  
Elgin Stove & Oven Div Acme Visible Records  
Dept  
Einar Mfg Co  
Excel Metal Cabinet Co  
Frigidator Div General Motors Corp  
General Electric Co Appliances & Merchandise  
Dept  
General Modern Kitchens Inc  
Gold Seal Mfg Co  
Harrison Steel Cabinet Co  
Hotpoint Inc  
Hubery Bros Inc  
Humphreys Mfg Co  
Kelinator Div Nash-Reinlater Corp  
Lyon Metal Products Co  
Marvel Metal Products Co  
Marvell Mfg Co  
Miller Metal Products Inc  
Morton Mfg Co  
Mullins Mfg Corp  
Murphy Door Red Co  
Palley Mfg Co  
Paragon Utilities Corp  
Refrigerator Kitchens Inc  
St Charles Mfg Co  
Shirley Corp  
Steel Kitchen Cabinet Institute  
Toledo Desk & Fixture Co  
Tracy Mfg Co  
United Metal Box Co  
Whitehead Metal Prods Co Inc

#### CABINET, KITCHEN, WOOD

Ahlbrand (A B) Co  
Angel Novelty Co  
Bel-Wood Mfg Co  
Boro Wood Co  
Boro Wood Products Co Inc  
Burke Millwork Co  
Carr Adams & Collier Co  
Cole Mfg Co  
Curtis Companies Inc  
Dacia Plywood Corp  
Del-Mar Cabinet Co Inc  
Dyke Brothers  
Farley & Loetscher Mfg Co  
Fiddle-Moore & Co  
General Wood Works  
Grote & Son  
Hines (Edward) Lumber Co  
Huttig Mfg Co  
Huttig Wash & Door Co  
Ideal Co  
IXL Furniture Co  
J D Products Co  
Kinross Fine Mills Co  
Kitchen-Maid Corp  
L & M Mfg Co  
Marquart Millwork Co  
Morgan Co Inc  
Morgan Co  
Morgan Wash & Door Co  
Mutschler Brothers  
Rock Island Millwork Co  
Sawwood Inc  
Spokane Wash & Door Co  
Western Freeland Industries Inc  
Wirt & Knox Lumbermen's Association  
Wirtling Fire Association

#### CABINETS, LAVATORIES

Formica Co  
Standard Steel Cabinet Co  
Toledo Desk & Fixture Co

#### CABINETS, SHOWER BATH

Allen Steel Products  
American Radiator & Standard Sanitary Corp  
Cline (James B) & Sons  
Crane Company  
Eljer Co  
Excel Metal Mfg Co  
Harrison Steel Cabinet Co  
Ingram-Richardson Mfg Co  
Mitsubishi Stamping Co  
Northwest Metal Products Inc  
O'Morrow (W M) & Co  
Peween Steel Equipment Co  
Pittsburgh Plate Glass Co  
Republic Brass Co

St Charles Mfg Co  
Sewell Mfg Co  
Shower Door Co of America  
Spokane Co  
Standard Building Products Co  
Standard Steel Cabinet Co  
Steel Partitions Inc  
Tiltone Co  
Universal-Bundle Corp  
Wels (Henry) Mfg Co Inc

#### CABINS, LOG

Rustle Furniture Co Inc

#### CABLE, ELECTRIC SOIL HEATING

General Electric Co Apparatus Dept  
Westinghouse Electric Corp

#### CABLE, INSULATED

American Conduit Co  
American Steel & Wire Co  
Anaronda Wire & Cable Co  
Boston Insulated Wire & Cable Co  
General Electric Co Construction Materials  
Dept  
Ozonite Co

#### CABLES, CRANE

American Cable Div American Chain & Cable  
Co Inc  
American Steel & Wire Co  
Broderick & Hanson Rope Co  
Fischer & Hayes Rope & Steel Co  
MacWhirter Co  
Roebbling's (John A) Sons Co

#### CABS, TRUCK

Four Wheel Drive Auto Co  
Indiana Body Co  
Stoughton Cabs & Body Co  
Wentworth & Irwin Inc

#### CALCIMINE

Alabastine Paint Products  
Dewco & Reynolds Co  
Fox (Ewing M) Co  
Glidden Co  
Lucas (John) & Co  
Moore (Benjamin) & Co  
Carbolite Chemical Co  
Muralo Co Inc  
National Gypsum Co  
Pittsburgh Plate Glass Co  
Beardon Co  
Tamm Industries Inc  
Wadsworth-Horsland & Co  
Wesco Waterplains Inc

#### CALCIUM CHLORIDE

Allen (W D) Mfg Co  
American Cyanamid Co  
Camp Chemical Co  
Columbia Chemical Div Pittsburgh Plate Glass  
Co  
Dew Chemical Co  
DuPont (E I) de Nemours & Co  
Gordon (George C) Chemical Co  
Fennantia Salt Mfg Co  
Sohrly Sales Div Allied Chemical & Dye Corp  
Tamm Industries Inc  
Vita-Vit Co  
Wyandotte Chemicals Corp

#### CALCULATOR, MATERIALS, PRICE

Miller-Piehl Co  
Lawrence Engraving Service  
Metlicke Systems Inc

#### CANVAS, CANVAS PRODUCTS

American Tent & Awning Co  
Astrup Co  
Bemis Bros Bag Co  
Canvas Products Co  
Canvas Specialty Co  
Clifton Mfg Co  
Fulton Bag & Cotton Mills Co  
Johnson (J W) Co  
New York Tent Cloth Mfg Co  
Standard Awning Co  
Tucker Duck & Rubber Co  
Werner Canvas Products Co

#### CANVAS, ROOFING

Barrell (William L) Co  
Werner Canvas Products Co

#### CANVAS, WASHABLE, WALL

Canvas Specialty Co  
Columbus Coated Fabrics Corp  
Fulton Bag & Cotton Mills  
Stanley (William W) Co Inc

#### CAPS, CHIMNEY

Adams Co  
American Vitritied Products Co  
Cannelton Sewer Pipe Co Inc  
Cyclone Mfg Co  
Dicker (W B) Clay Mfg Co  
Kraus Pipe Co

Inland Steel Products Co  
Ivan Iron Pipe  
Maple City Furnace Co  
National Clay Pipe Mfgs Inc  
Northwest Metal Products Inc  
Northwestern Terra Cotta Co  
Parfide Clay Products  
Penn Supply & Metal Corp  
Perma-Top Co  
Quinn Wire & Iron Works  
Robinson Clay Product Co  
Robinson & Sons Sewer Pipe Co  
Sterling Foundry Co  
Strator Drain Products Co  
What Cheer Clay Products Co

#### CAPS & BASES, POST

Brainerd Steel Co  
Cole Mfg Co  
Schwartz (A F) Mfg Co  
Sharon Steel Co

#### CARPETING

Biglow-Sanford Carpet Co Inc  
Hobart Rubber Co Div Goodrich (B F) Co  
Hobawk Carpet Mills Inc

#### CARRIERS, HAND, BRICK, TILE & BLOCK

Adams Co  
Block-Lift Co  
Builders Material Inc  
Dunlop Brothers  
Goldblatt Tool Co  
James Mfg Co  
Kewanee Mfg Co  
Valen-Tent & Mfg Co

#### CARRIERS, LUMBER

Foshee Carriers Div Standard Forge & Axle Co  
Geringer Carrier Co  
Hyster Co  
Lott Mfg Co  
Ross Carrier Co

#### CARTS, BARBEQUE

Danley Bros

#### CARTS, FIRE HOSE

Allen (W D) Mfg Co  
Curtis Fire Extinguisher Co  
Wirt & Knox Mfg Co

#### CARTS, GARDEN

Inland Steel Prods Co  
Masters Plaster Co  
National Cart Corp

#### CARTS, MATERIAL HANDLING

Barnett Industries  
Construction Machinery Co  
Inland Steel Products Co  
Lanning Co  
Notting Truck & Cater Co  
Service Carter & Truck Co  
Worthington Pump & Machinery Corp Resonance  
Div

#### CASES, BOLT & SCREW

Berger Mfg Div Republic Steel Corp  
Pritch-Gallagher Mfg Co  
Reiler (W C) & Co  
Lyon Metal Products Co  
Warren (J D) Mfg Co

#### CASING, METAL

Casings Inc  
Copp Steel Products Co  
Curtis Steel Products Inc  
Goldsmith Metal Lath Co  
Inland Steel Products Co  
Knapp Bros Mfg Co  
Penn Metal Co  
Trueman Steel Co  
Wallager Steel Corp

#### CASTERS

Adams Co  
Bantick Co  
Colson Corp  
Continental Diamond Fibre Co  
Darnell Corp Ltd  
Excelsior Stone & Mfg Co  
Fairbanks Co  
Hamilton Caster & Mfg Co  
Jarvis & Jarvis Inc  
National Lock Co  
Notting Truck & Cater Co  
Phoenix Caster Co Inc  
Rapid-Stanley Co Inc  
Schwartz (W B) Clay Mfg Co  
Service Carter & Truck Co  
Sterling Wheelbarrow Co

#### CAULKING, PRE-MOLDED

Fabricated Products Co

#### CEILINGS, METAL

Armstrong Cork Co  
Berger Mfg Div Republic Steel Corp  
Compo-Minac Products Co  
Continental Steel Corp  
Edwards Mfg Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

Proestra Building Products  
Hanserman (E F) Co  
International Steel Co  
Kaiser Mfg Co  
Mahon (B C) Co  
Reynolds Metals Co Building Products Div  
St Paul Corrugating Co  
Wheeling Corrugating Co

**CEILINGS, SUSPENDED, MATERIALS FOR**

Sargmetal Products Inc

**CEMENT, ACIDPROOF**

American Fluoroc Co  
Johns-Manville Corp  
Mexico Refractories Co  
Robinson Clay Product Co  
Tuffal Inc  
Universal Atlas Cement Co

**CEMENT, ANTI-BACTERIAL**

North American Cement Corp

**CEMENT, ASBESTOS**

Abesto Mfg Corp  
Acme Asbestos Covering & Flooring Co  
American Asphalt Roof Corp  
Asbestos Asphalt & Insulation Inc  
Borden Co Chemical Div  
Carey (Phillip) Mfg Co  
Clinton Metallic Paint Co  
Curtis Mfg & Asbestos Co  
Florida Cement Co  
Inland Steel Products Co  
Johns-Manville Corp  
Kraus & Mattison Co  
Lehon Co  
Moore (Goodloe E) Inc  
Pabco Products Inc  
Pilliber Johnsless Fibrebrick Co  
Ruberoid Co  
Rutland Fire Clay Co  
Seaboard Plastics Corp  
Standard Asbestos Mfg Co

**CEMENT, CANVAS**

Borden Co Chemical Div  
Christy Co Inc  
Mineral Pigments Corp  
Miracle Adhesives Corp  
Moore (Goodloe E) Co

**CEMENT, HOUSEHOLD REPAIR**

Borden Co Chemical Div  
Boyle-Midway Inc  
Certain-teed Products Corp  
DuPont (E I) de Nemours & Co  
Hesse & French Inc  
Luxe Chemical Co  
LePage's Inc  
Mackinburg-Duncan Co  
Miracle Adhesives Corp  
Paisley Products Inc  
Reardon Co  
Schalk Chemical Co  
So-Lo Works Inc  
Tostor Chemical Co  
Tuttle's Tile-On Cement Co

**CEMENT, IRON**

Cerest Waterproofing Corp  
Clark Cast Steel Cement Co  
Fecora Paint Co Inc  
Ranshitz Mfg Co  
Smooth-On Mfg Co

**CEMENT, KEENE'S**

Celotex Corp  
Certain-teed Products Corp  
National Gypsum Co  
Ohio Hydrate & Supply Co  
U S Gypsum Co  
Woodville Lime Co

**CEMENT, MASONRY**

Alpha Portland Cement Co  
Calaveras Cement Co  
Carey Co  
Hawkeye Portland Cement Co  
Lehigh Portland Cement Co  
Lone Star Cement Corp  
Louisville Cement Co  
Marquette Cement Mfg Co  
Medusa Portland Cement Co  
Missouri Portland Cement Co  
National Mortar and Supply Co  
North American Cement Corp  
Ohio Hydrate & Supply Co  
Peerless Cement Corp  
Pittsburgh Plate Glass Co  
Riverston Lime & Stone Co Inc  
Sakrete Inc  
Standard Lime & Stone Co  
Southern Cement Co  
Trinity Portland Cement Div General Portland Cement Co  
U S Gypsum Co  
Universal Atlas Cement Co  
Wolverine Portland Cement Co  
Woodville Lime Co  
X-Pando Corp

**CEMENT, NON-STAINING**

Borden Co Chemical Div  
Louisville Cement Co Inc  
Medusa Portland Cement Co  
Pittsburgh Plate Glass Co

Trinity Portland Cement Div General Portland Cement Co  
Universal Atlas Cement Co

**CEMENT, PIPE WRENDING**

Lake Chemical Co  
Smooth-On Mfg Co

**CEMENT, PORTLAND**

Alpha Portland Cement Co  
Ash Grove Lime Portland Cement Co  
Rise Diamond Corp  
California Cement Co  
California Portland Cement Co  
Consolidated Cement Corp  
Cumberland Portland Cement Co  
Dewey Portland Cement Co  
Florida Portland Cement Div General Portland Cement Co  
Hawkeye Portland Cement Co  
Heritage Portland Cement Co  
Ideal Cement Co Colorado Portland Div  
Kaiser Aluminum & Chemical Sales Inc  
Kosmos Portland Cement Co  
Lehigh Portland Cement Co  
Lone Star Cement Corp  
Louisville Cement Co Inc  
Marquette Cement Mfg Co  
Medusa Portland Cement Co  
Missouri Portland Cement Co  
North American Cement Corp  
Pacific Portland Cement Co  
Peerless Cement Corp  
Pennsylvania-Dixie Cement Corp  
Pittsburgh Plate Glass Co  
Portland Cement Association  
Southwestern Portland Cement Co  
Standard Lime & Stone Co  
Trinity Portland Cement Div General Portland Cement Co  
Universal Atlas Cement Co  
Wolverine Portland Cement Co

**CEMENT, PORTLAND, AIR-ENTRAINING**

Alpha Portland Cement Co  
Lone Star Cement Corp  
Louisville Cement Co Inc  
Marquette Cement Mfg Co  
Medusa Portland Cement Co  
Trinity Div General Portland Cement Co  
Universal Atlas Cement Co U S Steel Corp (Sub)

**CEMENT, PORTLAND, GRAY, WATERPROOF**

Calaveras Cement Co  
Louisville Cement Co  
Medusa Portland Cement Co  
Pittsburgh Plate Glass Co  
Standard Lime & Stone Co  
Wolverine Portland Cement Co

**CEMENT, PORTLAND, HIGH EARLY STRENGTH**

Alpha Portland Cement Co  
Calaveras Cement Co  
Lehigh Portland Cement Co  
Louisville Cement Co  
Lone Star Cement Corp  
Marquette Cement Mfg Co  
Medusa Portland Cement Co  
Missouri Portland Cement Co  
North American Cement Corp  
Pacific Portland Cement Co  
Peerless Cement Corp  
Pennsylvania-Dixie Cement Corp  
Pittsburgh Plate Glass Co  
Spokane Portland Cement Co  
Standard Lime & Stone Co  
Trinity Portland Cement Div General Portland Cement Co  
Universal Atlas Cement Co  
Wolverine Portland Cement Co

**CEMENT, PORTLAND, WHITE**

Calaveras Cement Co  
Medusa Portland Cement Co  
Pittsburgh Plate Glass Co  
Trinity Portland Cement Div General Portland Cement Co  
Universal Atlas Cement Co

**CEMENT, PORTLAND, WHITE WATER-PROOF**

Medusa Portland Cement Co  
Pittsburgh Plate Glass Co  
Trinity Portland Cement Div General Portland Cement Co  
Universal Atlas Cement Co

**CEMENT, PREPARED MIX**

Campbell (H T) Sons Corp

**CEMENT, REFRACTORY**

Acme Brick Co  
Armstrong Cork Co  
Carey (Phillip) Mfg Co  
Chicago Fire Brick Co  
Christy Co Inc  
Clay City Pipe Co  
Clinton Metallic Paint Co  
Curtis Mfg & Asbestos Co  
Denver Fire Clay Co

Dewey Portland Cement Co  
Dixon (Joseph) Crucible Co  
Eagle-Fisher Co  
Ehret Magnesia Mfg Co  
Fireline Stone & Furnace Lining Co  
General Refractories Co  
Green (A F) Fire Brick Co  
Harblom-Walker Refractories Co  
Johns-Manville Corp  
Laclede-Christy Co  
Mexico Refractories Co  
Pacelle Clay Products  
Pilliber Johnsless Fibrebrick Co  
Quigley Co Inc  
Robinson Clay Product Co  
Rutland Fire Clay Co  
Sall Mountain Co  
Sawverium Cements Co  
Seaboard Refractories Co  
Standard Asbestos Mfg Co  
United Gilmotte Laboratories  
Universal Atlas Cement Co  
Walsh Refractories Corp  
Wilson (Grant) Inc

**CEMENT, ROOFING**

Abesto Mfg Corp  
Acme Asbestos Covering & Flooring Co  
American Asphalt Roof Co  
Barrett Die Allied Chemical & Dye Corp  
Bird & Son Inc  
Carey (Phillip) Mfg Co  
Celotex Corp  
Cerest Waterproofing Corp  
Certain-teed Products Corp  
Clinton Metallic Paint Co  
Curtis Mfg & Asbestos Co  
Dac & Lad Co  
Dunlop Bros  
Elliott Paint & Varnish Co  
Flintkote Co  
Ford Roofing Products Co  
Gibson-Homans Co  
Harrison Paint & Varnish Co  
Horn (A C) Co  
Inland Steel Products Co  
Johns-Manville Corp  
Keystone Asphalt Products Co  
Pabco Products Inc  
Pittsburgh Plate Glass Co  
Ruberoid Co  
Rutland Fire Clay Co  
Seaboard Plastics Corp  
Serviclad Products Corp  
Sunnorthern (L) & Sons Inc  
Suzerite Mfg Co  
Texas Co  
Truscon Laboratories Div Devco & Reynolds Inc  
United Gilmotte Laboratories  
U S Gypsum Co

**CEMENT, RUBBER**

Alabastine Paint Prods Div Chicago Bronze & Color Works  
Borden Co Chemical Div  
Broadway Rubber Mfg Co  
Goodrich (R F) Co  
Kuhls (E B) Fred  
Las-Stik Mfg Co  
LePage's Inc  
Minnesota Mining & Mfg Co  
Miracle Adhesive Corp  
Moore (Goodloe E) Inc  
National Adhesives Div National Starch Products Inc  
Paisley Products Inc  
Flaco Div Paisley Products Inc  
Standard Paste & Glue Co Inc  
St Louis Rubber Cement Co Inc  
Sullivan Co  
Union Rubber & Asbestos Co  
U S Plywood Corp  
U S Rubber Co  
Wobler (W F) Cement Co  
Williams Products Co Inc

**CEMENT, TILE**

American-Olean Tile Co  
Armstrong Cork Co  
Borden Co Chemical Div  
Boyle-Midway Inc  
Davis Plywood Corp  
Duck-Pontiac Inc  
Marsh Wall Products Inc  
Medusa Portland Cement Co  
Miracle Adhesives Corp  
Moore (Goodloe E) Inc  
Peerless Mfg Co  
Reardon Co  
Schalk Chemical Co  
Standard Paste & Glue Co  
Tostor Mfg Co  
Wallace Mfg Co

**CEMENT, WALLBOARD JOINT**

Certain-teed Products Corp  
Miracle Adhesives Corp  
National Gypsum Co  
Pittsburgh Plate Glass Co  
Reardon Co  
U S Gypsum Co  
Wesco Waterpaints Inc

**CEMENT, WATERPROOFING**

Abesto Mfg Corp  
American Fluoroc Co  
Anti-Hydro Waterproofing Co

Carey (Phillip) Mfg Co  
Du Pont (E I) de Nemours & Co Inc  
Firestone Tire & Rubber Co  
Flintkote Co  
Gibson-Homans Co  
Horn (A C) Co  
Johns-Manville Corp  
Koppers Co Inc Tar Products Div  
Lastic Products Co  
Lehon Co  
Louisville Cement Co Inc  
Marsh Wall Products Inc  
Medusa Portland Cement Co  
Miracle Adhesives Corp  
Mixture Corp  
Ranshitz Mfg Co Inc  
Sealcon Products Inc  
Smooth-On Mfg Co  
Suzerite Mfg Co  
Sullivan Co  
Tammis Industries Inc  
Tosh Brothers Inc  
Webb Products Co  
X-Pando Corp

**CHAINS**

American Cable Div American Chain & Cable Co  
Bridgport Chain & Mfg Co  
Chain Belt Co  
Dixie Logging Tool Co  
International Chain & Mfg Co  
Milwaukee Hay Tool Co  
Morse Iron Works  
Newhall Chain Forge & Iron Co  
Parsons Equipment Co  
Perkins Chain Co  
Ryerson (Joseph T) & Son  
Western Chain Products Co

**CHAINS, CONVEYOR**

American Chain & Cable Co Inc  
Bridgport Chain & Mfg Co  
Campbell Chain Co  
Chain Belt Co  
Dixie Logging Tool Co  
International Chain & Mfg Co  
Diamond Chain Co Inc  
Horn (E B) Co  
Link-Belt Co  
Western Chain Co  
Wetland Co

**CHAINS, SASH**

American Chain & Cable Co Inc  
Bridgport Chain & Mfg Co  
Chase Brass & Copper Co  
Chloris (P & F) Div American Hardware Corp  
Eso Chain Works  
Lockwood Hardware Mfg Co  
Peerless Chain Co  
Taylor (S G) Chain Co  
Turner & Seymour Mfg Co  
Western Chain Co  
Western Foundry Co

**CHALKBOARD**

New York Standard Chalkboard Co Inc

**CHARGERS, BATTERY**

General Electric Co Apparatus Dept

**CHESTS, CLOTHES STORAGE**

Ellingers Inc

**CHISELS**

American Swiss File & Tool Co  
Bridgport Hardware Mfg Corp  
Champion-Ber Arment Tool Co  
Cincinnati Tool Co  
Damascus Steel Products Corp  
Delaware Tool Steel Corp  
Duston (Henry) & Sons Inc  
Fairmount Tool & Forging Co  
Goldblatt Tool Co  
Greenlee Tool Co  
Heller Brothers  
Hood Brothers  
Leontis Tool Co  
Magher Steel Products Inc  
Morphino Tool Co Inc  
Millers Falls Co  
Oswaltona Tool Co  
P & C Hand Porged Tool Co  
Peck Stow & Wilson Co  
Plumb (Fayette B) Inc  
Preston Tool Co  
Rainsley-Tools  
Stanley Works  
Union Hardware Co  
Vichok Tool Co  
Vulcan Tool Mfg Co  
Woodings-Vernon Tool Works

**CHUTES, CRAL**

Adams Co  
Bostwick Steel Lath Co  
Brady Conveyor Corp  
Chattanooga Implement & Mfg Co  
Coppo Steel & Engineering Co

**List of Manufacturers' Names With Complete Addresses Starts on Page D-67**

Decatur Iron & Steel Co  
Donley Brothers  
Gabriel Steel Co  
Harris Inc  
Houston Blow Pipe & Sheet Metal Works  
Industrial Iron Works  
Kewanee Mfg Co  
Klauer Mfg Co  
Lippmann Engineering Works  
Majestic Co  
Peoples Mfg Co  
Richmond Engineering Co  
Vesta Steel Products Co

#### CHUTES, DUST

Air Control Products Inc  
Allan Steel Products  
Harris Inc  
Kluegel (Ernest) & Co

#### CHUTES, LAUNDRY

Copco Steel & Engineering Co  
Cox (H F) & Co  
Donley Brothers  
Gabriel Steel Co  
Haslett Chute & Conveyor Co  
Kluegel (Ernest) & Co  
Majestic Co  
Miami Cabinet Div Caver (Phillip) Mfg Co

#### CHUTES, RUBBISH, STEEL

Haslett Chute & Conveyor Co

#### CIRCULATORS, VENTED WALL

Pioneer Water Heater Co Pioneer Furnace Div

#### CLAMPS, "C"

Adjustable Clamp Co  
Armstrong Brothers Tool Co  
Black Brothers Co Inc  
Carpenter & Patterson Inc  
Cincinnati Tool Co  
Handy Mfg Co  
Littlestown Hardware & Foundry Co  
Sargent & Co

#### CLAMPS, CARPENTER STEEL BAR

Adjustable Clamp Co  
Black Brothers Co Inc  
Cincinnati Tool Co  
Handy Mfg Co  
Hartford Clamp Co  
Malleable Iron Fittings Co  
Phoenix Hardware Mfg Co

#### CLAMPS, CONCRETE, CONSTRUCTION

Cincinnati Tool Co  
Fisher & Hayes Rope & Steel Co  
M & M Wire Clamp Co  
Richmond Screw Anchor Co  
Star Expansion Products Co Inc  
Universal Form Clamp Co  
Williams Form Engineering Corp

#### CLAMPS, CONDUIT & PIPE HANGING

General Electric Co Construction Materials Dept

#### CLAMPS, FILING

Adjustable Clamp Co  
Atkins (E C) & Co  
Dixton (Henry) & Sons  
Hatchett Mfg Co  
Sargent & Co

#### CLAMPS, STEEL

Briggs Mfg Co

#### CLAMPS, WOODWORKERS'

Adjustable Clamp Co  
Armstrong Brothers Tool Co  
Black Brothers Co  
Cincinnati Tool Co  
Grand Specialties Co  
Hartford Clamp Co  
Knap & Vogt Mfg Co  
Malleable Iron Fittings Co  
Starratt (L B) Co  
Taylor (James L) Mfg Co  
Union Tool Co

#### CLAY, FIRE

Acme Brick Co  
Adel Clay Products Co  
Canton Sewer Pipe Co  
Chicago Fire Brick Co  
Dee Clay Products Co  
Denver Fire Clay Co  
Evans Pipe Co  
General Refractories Co  
Gladding-Beane & Co  
Green (A P) Fire Brick Co  
Harbison-Walker Refractories Co  
Ironston Fire Brick Co

Johns-Manville Corp  
Kaul Clay Mfg Co  
Laclede-Christy Co  
Lehigh Sewer Pipe & Tile Co  
Mexico Refractories Co  
Owensboro Sewer Pipe Co Inc  
Pacific Clay Products  
Pittsburgh Jointline Firebrick Co  
Robinson Clay Product Co  
Seaboard Refractories Co  
Siraator Drain Tile Co  
United Gilmotte Laboratories  
Washington Brick & Lime Co

#### CLEANERS, HAND

Cabot (Samuel) & Co Inc  
Densola Chemical Co  
Glidden Co  
Miracle Adhesives Corp  
Pacific Chemical Co  
Spero Inc  
Technical Development Laboratories

#### CLEANERS, PAINT BRUSH

Boston Varnish Co  
Boyer Chemical Laboratory Co  
Boyle-Midway Inc  
Cabot (Samuel) & Co Inc  
Christy Co Inc  
Commercial Solvents Corp  
Fuller (H B) Co  
Glidden Co  
Industrial Chemical Development Corp  
Meinhardt (J A) & Co  
Minshall Products  
Patent Cereals Co  
Perstane Co  
Pittsburgh Plate Glass Co  
Portable Electric Tools Inc  
Red Devil Tools  
Ravogran Co  
Schalk Chemical Co  
Sheffield Bronze & Paint Corp  
Steelcase Mfg Co  
Sterling Paint & Varnish Co  
Tamm Industries Inc  
United Gilmotte Laboratories  
Wisconsin Laboratories Inc

#### CLEANERS, PAINT BRUSH, ELECTRIC

Nashway Mfg Co  
Portable Electric Tools Inc  
Red Devil Tools

#### CLEANERS, PAINT & VARNISH

Boyle-Midway Inc  
Carbosa Products Co  
Christy Co Inc  
Dupont (E I) de Nemours & Co  
Economics Laboratory Inc  
Eliop Corp  
Glidden Co  
Loew Bros  
Miracle Chemical Products Co  
Pacific Chemical Co  
Patent Cereals Co  
Pittsburgh Plate Glass Co  
Procter & Gamble Co  
Ravogran Co  
Schalk Chemical Co  
Sheffield Bronze & Paint Corp  
Seung-Vacuum Oil Co  
Sullivan Co  
Tamm Industries Inc  
Wesco Waterpumps Inc

#### CLEANERS, SEPTIC TANK, CHEMICAL

Hygenic Products Co  
Massachusetts Chemical Co  
Thomas Sanitary Products Co

#### CLIPS, BRIDGING & JOISTS, STEEL

Bethlehem Steel Co  
Bessemer Steel Co  
Trucon Steel Co

#### CLIPS, CONCRETE

American Expansion Bolt & Mfg Co  
Ceco Steel Products Co  
Heckmann Building Products Co  
Goldsmith Metal Lath Co  
Richmond Screw Anchor Co  
Sommer Metalcraft Co  
Union Steel Products Co  
Williams Form Engineering Corp  
Winner Industries

#### CLIPS, FLOOR

Bethlehem Steel Co  
Knapp Brothers Mfg Co  
Penn Metal Co Inc  
Sommer Metalcraft Co  
Trucon Steel Co

#### CLIPS, GLAZING FOR STEEL SASH

Adams Co  
Copo Steel & Engineering Co  
Gabriel Steel Co  
Kewanee Mfg Co  
Libby-Owens-Ford Glass Co  
Pittsburgh Plate Glass Co

Sommer Metalcraft Corp  
Young (L A) Spring & Wire Corp

#### CLIPS, PLASTERBOARD LATH, CEILING

Burns Clip System Inc  
U S Gypsum Co

#### CLIPS, PLASTER LATH, SPRING

Penn Metal Co Inc  
Soule Steel Co  
U S Gypsum Co

#### CLIPS, ROOFING

Ceco Steel Products Co  
Goldsmith Metal Lath Co  
Inland Steel Products Co  
Nova Sales Co  
Olljak Mfg Co  
Eronan (Joseph T) & Son  
Seal-All Clip Co

#### CLIPS, WALLBOARD & CEILING TILE

Insulite Co Div Minnesota & Ontario Paper Co  
Clyde Co  
Wood Conversion Co

#### CLIPS, WIRE ROPE

American Hoist & Derrick Co  
American Steel & Wire Co  
Roebling's John A) Sons Co  
Ypsom-Walton Co  
Wickwire Steeler Steel Div Colorado Fuel & Iron Corp

#### CLOCKS, RECORDERS, TIME

Cincinnati Time Recorder Co  
Service Recorder Co

#### CLOCKS, WATCHMEN'S

Chicago Watchlock Div Great Lakes Industries Inc  
Deter Watchlock Corp

#### CLOSERS & OPERATORS, DOOR, ELECTRIC

Automatic Sales Div Vendo Co  
Barber-Colman Co  
Caldor Mfg Co  
Cornell Rolling Door Works  
Garrett Mfg Co  
General Door Mfg Co  
Getty (H S) & Co Inc  
Kinnear Mfg Co  
Quincy Mfg Co  
Raynor Mfg Co  
Richards-Wilcox Mfg Co  
Rome Mfg Co  
Stanley Works  
Wagner Mfg Co  
Wilson (J G) Corp

#### CLOSERS & OPERATORS, DOOR & WINDOW

Barrows Lock Works  
Bommer Spring Hinge Co Inc  
Casement Hardware Co  
Chicago Spring Hinge Co  
Curtis (F & P) Div American Hardware Corp  
Crest Steel Products Inc  
Eagle Lock Co  
Getty (H S) & Co Inc  
Glynn-Johnson Corp  
Hardware Products Inc  
Harris Inc  
Ives (H B) Co  
Kaptur (Joseph J) Sales Co  
L'N Clevers Inc  
Lockwood Hardware Mfg Co  
Newell Mfg Co  
New England Mfg & Supply Corp  
Norton Door Closer Co  
Norwalk Lock Co Div Segal Lock & Hardware Co  
Parler (S) Hardware Mfg Co  
Reading Hardware Corp  
Richards-Wilcox Mfg Co  
Robot Appliances Inc  
Russell & Erwin Div American Hardware Corp  
Sager-Barrows Lock Works  
Sargent & Co  
Segal Lock & Hardware Co Inc  
Shelby Spring Hinge Co  
Stanley Works Door Control Div  
Sterling Hardware Mfg Co  
Werner Mfg Co  
Yale & Towne Mfg Co

#### CLOSETS, PREFABRICATED

Mregal Co  
Roach & Muser Mfg Co

#### CLOSURES, FOR METAL ROOFING & SIDING

Fabricated Products Co

#### CLOTH, WIRE

American Wire Fabrics Corp  
Chase Brass & Copper Co  
Clinton Wire Cloth Co  
Cyclone Fence Div American Steel & Wire Co

Easey Wire Works Co  
Farber Steel Corp  
Gilbert & Bennett Mfg Co  
Hanover Wire Cloth Div Continental-United Industries Co Inc  
Kentucky Metal Products Co  
Larson (Chas O) Co  
Lagan Co  
Meyers (Fred L) Mfg Co  
Michigan Wire Cloth Co  
New York Wire Cloth Co  
Northwestern Steel & Wire Co  
Parler (S) Hardware Mfg Corp  
Pittsburgh Steel Products Co  
Reynolds Wire Co  
Roebling's (John A) Sons Co  
Seneca Wire & Mfg Co  
Wickwire Brothers Inc  
Wickwire Spencer Steel Div Colorado Fuel & Iron Co

#### CLOTHS, DROP PAINTERS

American Tent & Awning Co  
Bonis Brothers Bag Co  
Clifton Mfg Co  
Daniels (C B) Inc  
Fulton Brass & Cotton Mills  
New York Drop Cloth Mfg Co Inc  
Standard Awning Co  
Textile Industries Inc  
Werner Canvas Products Co

#### COATINGS, ASPHALT, EMULSIFIED

American Asphalt Roof Co  
Armstrong Cork Co  
Cary (Phillip) Mfg Co  
Certain-teed Products Corp  
Flintkote Co  
Horn (A C) Co  
Loew Bros  
Sullivan Co  
Tamm Industries Inc  
Tuffall Inc

#### COATINGS, CONCRETE FLOORS, PROTECTION

Medona Portland Cement Co

#### COATINGS, PLASTIC CORK

Mortell (J W) Co

#### COATINGS, PROTECTIVE LINOLEUM

Abeito Mfg Corp  
Archer-Daniels Midland Co  
Armstrong Cork Co Building Materials Div  
Brewer (E L) Co  
Chapman Chemical Co  
Chicago Bronze & Color Works  
Horn (A C) Co  
Minnesota Lined Oil Paint Co  
O'Brien Corp  
Palco Products Inc  
Pittsburgh Plate Glass Co  
Plant-Kote Co  
Sherwin-Williams Co  
Trucon Laboratories Div Devoe & Raynolds Inc  
Vita-Var Corp  
Willour & Williams Co

#### COATINGS, ROOF, ALUMINUM & ASPHALT

Abeito Mfg Corp  
Aluminum Industries Inc  
American Asphalt Roof Co  
American Marietta Co  
Barrett Div Allied Chemical & Dye Corp  
Bird & Son Inc  
Cary (Phillip) Mfg Co  
Celotex Corp  
Certain-teed Products Corp  
Donley Brothers  
Flintkote Co  
Furd Roofing Products Co  
Globe Roofing Products Co  
Horn (A C) Co  
Johns-Manville Corp  
Kryptonite Asphalt Products Co  
Koppers Co  
Lefson Co  
Loew Bros  
Palco Products Inc  
Pittsburgh Plate Glass Co  
Rademid Co  
Seaboard Plastics Corp  
Sheffield Bronze & Paint Corp  
Sombrook (L) & Sons Inc  
Sullivan Co  
Texas Co  
Tremco Mfg Co  
United Gilmotte Laboratories  
U S Gypsum Co  
Vita-Var Corp  
Woolser (W F) Cement Co

#### COATINGS, ROOF, ASBESTOS

Devoe & Raynolds Inc

#### COATINGS, ROOF, ASPHALT

Acme Asbestos Covering & Flooring Co  
Adelstein Asphalt & Installation Inc  
Bering Brothers Inc  
Cerevit Waterproofing Corp  
Chemical Supply Co  
Dud & Lud Co  
Donley Brothers Co  
Glidden Co  
Globe Roofing Products Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

Gordon (George C) Chemical Co  
Lastic Products Inc  
Pabco Products Inc  
Peoria Paint Co  
Pittsburgh Plate Glass Co  
Sonsborn (L) Sons Inc  
United Gilsonite Laboratories

#### COATINGS, ROOF, LIQUID, BLACK

Deves & Reynolds Inc

#### COLORS, CONCRETE, MORTAR, PLASTER

Blue Ridge Talc Co Inc  
Ceresit Waterproofing Corp  
Clinton Metallic Paint Co  
Colorcrete Industries Inc  
Fox (Ewing M) Co  
Gordon (George C) Chemical Co  
Horn (A C) Co  
Mineral Pigments Corp  
Medusa Portland Cement Co  
Peoria Paint Co Inc  
Ricketson Mineral Color Works  
Sealton Products Inc  
Smith Chemical & Color Works  
Smith (J W) Chemical Works  
Smith (J W) & Co  
Sonsborn (L) & Sons Inc  
Sullivan Co  
Tamma Industries Inc  
Tech Brothers Inc  
Trucon Laboratories Div Deves & Reynolds Co  
Viro Mfg Co  
Washington Brick & Lime Co  
Wesco Waterpaints Inc  
Williams (C K) & Co

#### COLORS, OIL

Boston Varnish Co  
Chl-Namel Paint & Varnish Co  
Elliott Paint and Varnish Co  
Glidden Co  
Horn (A C) Co  
Keystone Varnish Co  
Lowe Brothers Co  
Martin-Senour Co  
Moore (Benjamin) & Co  
Pittsburgh Plate Glass Co  
Reardon Co  
Small Paint & Varnish Co  
Starfield Bronze & Paint Corp  
Steelcoat Mfg Co  
Vita-Vat Corp

#### COLORS, PAINT

American Varnish Co  
Boston Varnish Co  
Cabot (Samuel) Inc  
Deves & Reynolds Inc  
Elliott Paint & Varnish Co  
Glidden Co  
Lowe Brothers Co  
Mineral Pigments Corp  
Murphy Paint Div Interchemical Corp  
O'Brien Corp  
Patterson-Sargent Co  
Pittsburgh Plate Glass Co  
Sherwin-Williams Co  
Smith Chemical & Color Co Inc  
Trucon Laboratories Inc

#### COLUMNS, METAL

Alvin Steel Products  
Bethlehem Steel Co  
Brinard Steel Co  
Donley Brothers  
Inland Steel Co  
International Steel Co  
Kewanee Mfg Co  
Londan Machinery Co  
National Tube Co  
Sharon Steel Co  
Trucon Steel Co  
Union Metal Mfg Co  
Wolfe Products Inc

#### COLUMNS, WOOD

Carr Adams & Collier Co  
Cole Mfg Co  
Curtis Co Inc  
M & M Woodworking Co  
Mutual Fir Column Co  
Pacific Mutual Door Co  
Schwartz (A F) Mfg Co  
Sillernaep (George) & Sons Co  
Timber Structures Inc  
Washington Mfg Co  
West Coast Lumbermen's Association

#### COMPOUNDS, AIR ENTRAINING

Autolene Lubricants Co  
Spray-O-Bond Co

#### COMPOUNDS, ANTI-DRIP

Mortell (J W) Co  
Steelcoat Mfg Co  
Tuffall Inc  
Wilbur & Williams

#### COMPOUNDS, ANTI-FREEZE

Firestone Tire & Rubber Co  
Gulf Oil Corp  
National Carbon Co  
Standard Oil Co of Ind Inc

#### COMPOUNDS, ANTI-FREEZE, CONCRETE

Anti-Hydro Waterproofing Co  
Fireproof Co  
Horn (A C) Co  
Sonsborn (L) & Sons Inc  
Sullivan Co  
Tech Brothers Inc

#### COMPOUNDS, ANTI-TERMITE

Abeito Mfg Corp  
Harrett Div Allied Chemical & Dye Corp  
Bradway Rubber Mfg Co  
Brace (E L) Co  
Cabot (Samuel) Inc  
C A Wood Preserver Co  
Cre-o-Tex Chemical Co  
Dow Chemical Co  
Elior Naval Stores Co Inc  
Forman-Ford & Co  
Gordon (George C) Chemical Co  
Hill Termite Control Systems  
Monsanto Chemical Co  
Pabco Products Inc  
Protection Products Mfg Co  
Protexal Corp  
Reilly Tar & Chemical Corp  
Republic Cresting Co  
Roof-Ford Paint Mfg Co  
Sullivan Co  
Tennessee Eastman Corp  
Termitol Co  
Vaezol Sales Co  
Wood-Treating Chemicals Co

#### COMPOUNDS, CAULKING

Abeito Mfg Corp  
American Asphalt Roof Co  
Anti-Hydro Waterproofing Co  
Berk (R N) & Co  
Berland Weatherstrip Material Co  
Blidde Co  
Briggs-Harney Co Inc  
Calbar Paint & Varnish Co  
Carey (Philip) Mfg Co  
Central Metal Strip Co  
Ceresit Waterproofing Corp  
Chemist Co Inc  
Columbia Chemicals Div Pittsburgh Plate Glass Co  
Cumulative Adhesives & Refining Corp  
Dad & Lad Co  
Dennis (W J) & Co  
Deves & Reynolds Inc  
Donley Brothers  
Eagle-Picher Co  
Elliott Paint & Varnish Co  
Felton Sibley & Co Inc  
Flintkote Co  
Glidden-Homans Co  
Glidden Co  
Goldblatt Tool Co  
Gumpette Laboratories  
Harris Inc  
Harro Chemical Co  
Horn (A C) Co  
Johns-Manville Corp  
Keystone Asphalt Products Co  
Macklanburg-Duncan Co  
Mar-Kay Mfg Co  
Marsh Wall Products Inc  
Minnesota Mining & Mfg Co  
Minmax Co Inc  
Miracle Adhesives Corp  
Mixtite Corp  
Moore (Goodloe E) Inc  
Mortell (J W) Co  
Parker (I R) & Sons Co  
Pittsburgh Plate Glass Co  
Plastic Products Co  
Prentiss Engineering Co  
Quigley Co Inc  
Russettite Mfg Co  
Robbins Mfg Co  
Seaboard Plastics Corp  
Seal-Rite Caulking Co Inc  
Sonsborn (L) & Sons Inc  
Spray-O-Bond Co  
Standard Dry Wall Products Inc  
Steelcoat Mfg Co  
Sullivan Co  
Tamma Industries Inc  
Tremco Mfg Co  
Trucon Laboratories Div Deves & Reynolds Inc

#### COMPOUNDS, CAULKING

Abeito Mfg Corp  
American Asphalt Roof Co  
Anti-Hydro Waterproofing Co  
Berk (R N) & Co  
Berland Weatherstrip Material Co  
Blidde Co  
Briggs-Harney Co Inc  
Calbar Paint & Varnish Co  
Carey (Philip) Mfg Co  
Central Metal Strip Co  
Ceresit Waterproofing Corp  
Chemist Co Inc  
Columbia Chemicals Div Pittsburgh Plate Glass Co  
Cumulative Adhesives & Refining Corp  
Dad & Lad Co  
Dennis (W J) & Co  
Deves & Reynolds Inc  
Donley Brothers  
Eagle-Picher Co  
Elliott Paint & Varnish Co  
Felton Sibley & Co Inc  
Flintkote Co  
Glidden-Homans Co  
Glidden Co  
Goldblatt Tool Co  
Gumpette Laboratories  
Harris Inc  
Harro Chemical Co  
Horn (A C) Co  
Johns-Manville Corp  
Keystone Asphalt Products Co  
Macklanburg-Duncan Co  
Mar-Kay Mfg Co  
Marsh Wall Products Inc  
Minnesota Mining & Mfg Co  
Minmax Co Inc  
Miracle Adhesives Corp  
Mixtite Corp  
Moore (Goodloe E) Inc  
Mortell (J W) Co  
Parker (I R) & Sons Co  
Pittsburgh Plate Glass Co  
Plastic Products Co  
Prentiss Engineering Co  
Quigley Co Inc  
Russettite Mfg Co  
Robbins Mfg Co  
Seaboard Plastics Corp  
Seal-Rite Caulking Co Inc  
Sonsborn (L) & Sons Inc  
Spray-O-Bond Co  
Standard Dry Wall Products Inc  
Steelcoat Mfg Co  
Sullivan Co  
Tamma Industries Inc  
Tremco Mfg Co  
Trucon Laboratories Div Deves & Reynolds Inc

#### COMPOUNDS, CHIMNEY CLEANING

Coughlan (G N) Co

#### COMPOUNDS, CONCRETE CURING

Adenite Co  
Aluminum Industries Inc  
Anti-Hydro Waterproofing Co  
Calbar Paint & Varnish Co  
Camp Chemical Co Inc  
Ceresit Waterproofing Corp  
Deves & Reynolds Inc  
Dow Chemical Co  
Esterrete Corp  
Glidden Co

Horn (A C) Co  
Keystone Asphalt Products Co  
Naustite Mfg Co Inc  
Sealton Products Inc  
Solving Sales Div Allied Chemical & Dye Corp  
Sonsborn (L) Sons Inc  
Spray-O-Bond Co  
Trucon Laboratories Div Deves & Reynolds Co Inc

#### COMPOUNDS, DAMPROOFING

Abeito Mfg Corp  
Adenite Co  
Anti-Hydro Waterproofing Co  
Harrett Div Allied Chemical & Dye Corp  
Ceresit Waterproofing Corp  
Donley Brothers  
Flintkote Co  
Horn (A C) Co  
Johns-Manville Corp  
Miracle Adhesives Corp  
Moore (Goodloe E) Co  
Pabco Products Inc  
Pittsburgh Plate Glass Co  
Reardon Co  
Reilly Tar & Chemical Corp  
Sonsborn (L) & Sons Inc  
Sullivan Co  
Trucon Laboratories Div Deves & Reynolds Inc  
U S Gypsum Co  
Vita-Vat Co  
Wilbur & Williams

#### COMPOUNDS, FIREPROOFING, WOOD

Aerne Flame Control Corp  
Albi Chemical Corp  
American Lumber & Treating Co  
Camp Chemical Co Inc  
Dow Chemical Co  
In-Prest (E I) de Nemours & Co  
Koppers Co Inc  
McKewen Brothers  
Monsanto Chemical Co  
Price Fire & Water Proofing Co  
Protexal Corp  
Sullivan Co  
Wayne Chemical Products Co  
Wilbur & Williams Co

#### COMPOUNDS, FLAMEPROOFING

Astrup Co  
Diversey Corp  
Fox Brothers Mfg Co  
Kubie (B B) Presl  
Reardon Co  
Wayne Chemical Products Co

#### COMPOUNDS, GLAZING

Abeito Mfg Corp  
Blidde Co  
Briggs-Harney Co Inc  
Calbar Paint & Varnish Co  
Christy Co Inc  
Dixie-Bostons Co  
Donley Brothers  
Elliott Paint & Varnish Co  
Glidden-Homans Co  
Goodrich (B F) Co  
Harris Inc  
Horn (A C) Co  
Keystone Asphalt Products Co  
Landon Putty Works  
Lowe Brothers  
Macklanburg-Duncan Co  
Mar-Kay Mfg Co  
Minnesota Mining & Mfg Co  
Mortell (J W) Co  
Parker (I R) & Sons Co  
Pittsburgh Plate Glass Co  
Plastic Products Co  
Prentiss Engineering Co  
Sonsborn (L) Sons Inc  
Steelcoat Mfg Co  
Sullivan Co  
Tamma Industries Inc  
Tremco Mfg Co  
Trucon Laboratories Div Deves & Reynolds Inc

#### COMPOUNDS, GRINDING

Closer Mfg Co  
Hartwell Mfg Co  
Oakite Products Inc  
Wayne Chemical Products Co  
Zip Abrasive Co

#### COMPOUNDS, LUBRICATING, DOOR, DRAWER & WINDOW

American Grease Stick Co  
American Oil Co  
Dixon (Joseph) Crucible Co  
Slight Products Inc

#### COMPOUNDS, PIPE JOINT SEALING

Anti-Hydro Waterproofing Co  
Blue Ridge Talc Co Inc  
Calbar Paint & Varnish Co  
Carey (Philip) Mfg Co  
Curtis Mfg & Adhesives Co  
Dixon (Joseph) Crucible Co  
Flintkote Co

Gumpette Laboratories  
Horn (A C) Co  
Johns-Manville Corp  
Keystone Asphalt Products Co  
Koppers (A C) Tar Products Div  
Lak Chemical Co  
Peoria Paint Co Inc  
Reilly Tar & Chemical Corp  
Republic Cresting Co  
Robinson Clay Product Co  
Sawyer's Cement Co  
Service Products Corp  
Smooth-On Mfg Co  
Sullivan Co  
X-Fabco Corp

#### COMPOUNDS, RUST PREVENTING & REMOVING

American Chemical Paint Co  
American Rust Proof Co Inc  
Cabot (Samuel) & Co Inc  
Camp Chemical Co  
Carbonite Protective Coatings Corp  
Continental Asbestos & Refining Corp  
Deves & Reynolds Inc  
Du Pont (E I) de Nemours & Co  
Firestone Tire & Rubber Co  
Flintkote Co  
Hollingshead (E M) Corp  
Horn (A C) Co  
Keystone Asphalt Products Co  
Minnesota Mining & Mfg Co  
Murphy Paint Div Interchemical Corp  
Sax-Rust Chemical Corp  
Oakite Products Inc  
Parker Rustproof Co  
Pennsylvania Salt Mfg Co  
Pittsburgh Plate Glass Co  
Protective Coatings Inc  
Puritan Chemical Co  
Reilly Tar & Chemical Corp  
Rusticide Co  
Rustolium Corp  
Simoniz Co Industrial Div  
Smith Oil Refining Co  
Sonsborn (L) Sons Inc Bldg Products Div  
Sveco Inc  
Stevole Mfg Co  
Stop-Rust Co  
Texas Co  
Tech Bros Inc  
Trucon Laboratories Div Deves & Reynolds Inc  
Vita-Vat Corp  
X-Fabco Corp

#### COMPOUNDS, SEPTIC TANK FERMENTATION

Thomas Sanitary Products Co

#### COMPOUNDS, SEWER JOINT

American Vitriol Products Co  
Anti-Hydro Waterproofing Co  
Flintkote Co  
Johns-Manville Corp  
Reilly Tar & Chemical Corp  
Robinson Clay Product Co  
Universal Sewer Pipe Corp

#### COMPOUNDS, SPACHTLING

C'loster Corp  
Colorcrete Industries Inc  
Medusa Portland Cement Co  
Mineral Pigments Corp  
Mural Co Inc  
National Gypsum Co  
Pittsburgh Plate Glass Co  
Reardon Co  
Schalls Chemical Co  
Tamma Industries Inc  
U S Gypsum Co  
Wesco Waterpaints Inc

#### COMPOUNDS, STONE PATCHING

Dugan's Invisible Stone Patch & Stone Stain Products  
Reardon Co

#### COMPOUNDS, WATERPROOFING, BASEMENT CISTERN

Abeito Mfg Corp  
Adenite Co  
American Phurexit Co  
Anti-Hydro Waterproofing Co  
Belmont Smelting & Refining Works  
Cabot (Samuel) Inc  
Carey (Philip) Mfg Co  
Ceresit Waterproofing Corp  
Coddington (E D) Mfg Co  
Colorcrete Industries Inc  
Continental Asbestos & Refining Corp  
Deves & Reynolds Inc  
Flintkote Co  
Forman-Ford & Co  
Haynes Products Co  
Horn (A C) Co  
Kay-Tite Co  
Materials & Treatment Co  
Mixtite Corp  
Pittsburgh Plate Glass Co  
Prima Products Inc Industrial Dept  
Protection Products Mfg Co  
Russettite Mfg Co  
Reilly Tar & Chemical Corp  
Sika Inc  
Smooth-On Mfg Co  
Standard Dry Wall Products  
Sullivan Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67

Tanna Industries Inc  
Trucon Laboratories  
Tuforce Co  
Vita-Vac Corp  
Waterloo Div Empire Varnish Co  
Weather-Seal Co  
X-Pando Corp

#### COMPRESSORS, AIR

Allis-Chalmers Air Com  
Binks Mfg Co  
Brunner Mfg Co  
Chicago Pneumatic Tool Co  
Davy Compressor Co  
DeVilbiss Co  
Electric Spray Co  
Enick Mfg Co  
Gardner Denver Co  
Ingersoll Rand Co  
Jaeger Machine Co  
Pasche Airbrush Co  
Pittsburgh Plate Glass Co  
Saylor Beall Mfg Co  
Worthington Pump & Machinery Corp

#### CONDITIONERS, AIR

Airtemp Div Chrysler Corp  
American Radiator & Standard Sanitary Corp  
Anchor Div Stratton & Terstegen Co Inc  
Anemostat Corp of America  
Eard Mfg Co  
Carrier Corp  
Cleveland Steel Products Co  
Conco Engineering Wks Div Conley H D Co  
Delco Appliance Div General Motors Sales Corp  
Fairbanks Morse & Co  
Fluid Heat Div Anchor Post Products Co  
Frick Co  
Frigidaire Div General Motors Corp  
General Air Conditioning Corp  
General Electric Co Air Conditioning Dept  
Gilbert & Barker Mfg Co  
Gibson (J L) Co  
Hell Co  
Henderson Furnace & Mfg Co  
Henry Furnace Co  
Hoffman Specialty Co  
Homer Furnace & Foundry Corp  
Hotstream Heater Co  
International Heater Co  
Johnson (H T) Co  
Kohlsater Div Nash-Kelvinator Corp  
Ro-Z-Air Inc  
Lennox Furnace Co  
Meharg Inc  
Mitchell Mfg Co  
Modine Mfg Co  
Muller (L J) Furnace Co  
Norge Div Borg-Warner Corp  
Northwest Metal Products Inc  
Oihux Co  
Olson (C A) Mfg Co  
Palmer Mfg Co  
Perry Boiler & Burner Mfg Corp  
Perfection Stove Co  
Pevsilo Mfg Corp  
Petroleum Heat & Power Co -  
Pulco Corp  
Ray Oil Burner Co  
Round Oak Co  
Rohlfelt Heater Co  
Serrin Inc  
Surface Combustion Corp  
Thatcher Furnace Co  
Trane Co  
T-S Air Conditioning Corp  
Viking Mfg Corp  
Ward (Edgar T) Industries Inc  
Waterman Waterbury Co  
Wayne Home Equipment Co  
Westinghouse Electric Corp  
Westinghouse Oil-0-Matic Div Eureka Williams Corp  
Wood (Gar) Industries Inc  
Worthington Pump & Machinery Corp  
York Corp  
Young Radiator Co

#### CONDITIONERS, WATER

Oihux Co

#### CONDUCTORS, TUBULAR

General Electric Co Construction Materials Dept

#### CONDUIT, ASBESTOS, AIR

Carey (Philip) Mfg Co

#### CONDUIT, FLEXIBLE

American Flexible Conduit Co  
Austin (M B) Co  
Federal Electric Products Co  
General Electric Co Construction Materials Dept  
National Electric Products Corp  
Pyle-National Co  
Spang-Chalfant Div National Supply Co  
Triangle Conduit & Cable Co  
Wirmold Co

#### CONDUIT, RIGID

American Brass Co  
Antin (M B) Co  
Chase Brass & Copper Co  
Conduit Pipe Products Co

General Electric Co Construction Materials Dept  
Federal Electric Products Co  
John-Maxville Corp  
National Electric Products Corp  
Oranburg Mfg Co  
Pyle-National Co  
Spang-Chalfant Div National Supply Co  
U S Rubber Co

#### CONNECTORS, ELECTRIC WIRE, CABLE

General Electric Co Construction Materials Dept  
Hubbell (Harvey) Inc

#### CONNECTORS, TIMBER

Cleveland Steel Specialty Co Inc  
Timber Engineering Co  
Timber Structures Inc

#### CONTROLS, FURNACE

Bell & Gossett Co  
Caloric Gas Stove Corp  
Conco Engineering Works  
Cook Electric Co  
Crane Co  
Delco Appliance Div General Motors Corp  
Detroit Lubricator Co  
General Controls Co  
General Electric Apparatus Dept  
Leake Stove Co  
Merold Corp  
Milwaukee-Henrywell Regulator Co  
Perfor Corp  
Powers Regulator Co  
Robertshaw-Fulton Controls Co  
Robertshaw  
Thermostat Div  
Sambek Mfg Co  
Sampeel Time Control Inc  
Spencer Thermostat Div Metals & Controls Corp  
Taylor Instrument Companies  
Uni-Therm Products Co  
Webster (Warren) & Co  
White Rodgers Electric Co  
Young Radiator Co

#### CONTROLS, GASH

Arrow Mfg Co  
Ideal Brass Works  
Leiden Specialty Co  
Vlare (J N) Co Inc

#### CONVECTORS

American Radiator & Standard Sanitary Corp  
Crane Co  
Modine Mfg Co  
Nelson (Herman) Corp  
Bullfinch Corp  
Trane Co  
Tuttle & Bailey  
Webster (Warren) & Co  
Young Radiator Co

#### CONVEYORS, BELT, PORTABLE

American Conveyor Co  
Arrow Prods Corp  
Buehman (E W) Co  
Farquhar (A B) Co  
Ferguson (Harry J)  
Hain (George) Mfg Co Div Pettibone Mul-  
liben Corp  
Lansom Corp  
Loran Co  
Mathews Conveyor Co  
Metzgar Co  
Rapido-Standard Co Inc  
Speedways Conveyors Inc  
Standard Conveyor Co  
Webb (Jervis B) Co

#### CONVEYORS, CHAIN LINK & CHAIN BELT

Chain Belt Co  
Cyclone Fence Div American Steel & Wire Co  
Filer & Stowell  
Hain (George) Mfg Co Div Pettibone Mul-  
liben Corp  
Link Belt Co  
Mathews Conveyor Co  
Northern Conveyor Co  
Stephen-Adams Mfg Co

#### CONVEYORS, COAL TRUCK UNLOADING

American Conveyor Co  
Farquhar (A B) Co  
Hain (George) Mfg Co Div Pettibone Mul-  
liben Corp  
Hercules Steel Products Corp  
Hewitt Rubber Div Hewitt-Robins Inc  
Kewanee Machinery & Conveyor Co  
Merrero Sains Co  
Power-Pack Conveyors

#### CONVEYORS, GRAVITY ROLLER

Allied Welding & Mfg Co  
Besser Mfg Co  
Blatt (Frank J) Co Inc  
Butler Bin Co  
Chase Turbine Mfg Co  
Darden (Roy) Industries Inc

Equipment Engineering Co  
Fleming Mfg Co  
George (F C) Machine Co  
Gifford-Wood Co  
Godfrey Conveyor Co  
Hasslet Chute & Conveyor Co  
Lippmann Engineering Works  
O K Mfg Co  
Stearns Mfg Co Inc  
Western Foundry Co  
Wilson Saw Div Media Machine Works Inc

#### CONVEYORS, GRAVITY WHEEL

Lansom Corp  
Lippmann Engineering Works  
Loran Co Inc  
Mathews Conveyor Co  
Rapido-Standard Co Inc  
Standard Conveyor Co Inc  
Western Foundry Co

#### CONVEYORS, OVERHEAD

Allith Prouty Co  
Brady Conveyors Corp  
Farquhar (A B) Co  
Gifford-Wood Co  
Godfrey Conveyor Co  
Hain (George) Mfg Co Div Pettibone Mul-  
liben Corp  
Hewitt Rubber Div Hewitt-Robins Inc  
Johnson (C B) Co  
Johnson Industries Inc  
Lansom Corp  
Link-Belt Co  
Lippmann Engineering Works  
Loran Machinery Co  
Mathews Conveyor Co  
Ney Mfg Co  
Northern Conveyor Co  
Rapido-Standard Co Inc  
Richard-Wilcox Co  
Sartorius, Inc  
Western Foundry Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

#### CONVEYORS, PORTABLE, BELT, BUCKEY & FLIGHT (BULK MATERIALS)

Alvey-Ferguson Co Inc  
American Conveyor Co  
Atlas Conveyor Co  
Barber-Greene Co  
Baughman Mfg Co Inc  
Farquhar (A B) Co  
Gaffin (Conover) Co  
Hain (George) Mfg Co Div Pettibone Mul-  
liben Corp  
Hedlett Chute & Conveyor Co  
Hewitt Rubber Div Hewitt-Robins Inc  
Kewanee Machinery & Conveyor Co  
Laird Shure Engineering Co  
Lansom Corp  
Link-Belt Co  
Lippmann Engineering Works  
Mathews Conveyor Co  
Molter (Sam) Co  
Northern Conveyors Co  
Power-Pack Conveyors  
Rapido-Standard Co  
Standard Conveyor Co  
Western Foundry Co  
Willard Concrete Machinery Co Ltd

#### CONVEYORS, PORTABLE, GRAVITY

Arrow Products Corp  
Bolinson Mfg Co  
Buehman (E W) Co  
Farquhar (A B) Co  
Ferguson (Harry J)  
Hain (George) Mfg Co Div Pettibone Mul-  
liben Corp  
Hewitt Rubber Div Hewitt-Robins Inc  
Island Equipment Corp  
Lansom Corp  
Loran Co  
Lyon Metal Products Co  
Magnum Products Co  
Mathews Conveyor Co  
Metzgar Co  
Northern Conveyor Co  
Papke Machine Co  
Rapido-Standard Co Inc  
Ricketts (S) & Sons  
Bell-A-Way Conveyor Co  
Speedways Conveyors Inc  
Standard Conveyor Co  
Webb (Jervis B) Co  
Wilkie Co

#### CONVEYORS, SLAD

Chain Belt Co  
Corinth Machinery Co  
Corder Mfg Co  
Cunningham Machinery Corp  
Fior & Stowell Co  
Link Belt Co  
Rapido-Standard Co  
Stephen-Adams Mfg Co  
Wieland Co

#### COOLERS, AIR

Enick Mfg Co  
Utility Appliance Corp

#### COOLERS, WATER, ELECTRIC

Airtemp Div Chrysler Corp  
Coolstream Corp  
Frigidaire Div General Motors Corp  
General Electric Co Air Conditioning Dept  
Hans Drinkwater Faucet Co  
Lawson (F R) Co  
Taylor (Halley W) Co  
Westinghouse Electric Corp

#### COPING, WALL

Acme Brick Co  
American Vitreous Products Co  
Clay Products Assn  
Cannon Sewer Pipe Co  
Deurer Sewer Pipe & Clay Co  
Dicker (W B) Clay Mfg Co  
Evans Pipe Co  
Lehigh Sewer Pipe & Tile Co  
National Clay Pipe Mfrs Inc  
National Fireproofing Co  
Robinson Clay Product Co  
Sealton Products Inc  
Sillabaster Clay Products Co Institute  
Universal Clay Mfg Corp  
Washington Brick & Lime Co  
What Cheer Clay Products Co

#### COPPER, STRUCTURAL SHAPES

Cham Bram & Copper Co  
Evere Copper & Brass Co

#### CORNS, PLASTIC

Somson Corrug Walls

#### CORD, RUBBER

General Electric Co Construction Materials Dept

#### CORDS, SASH FIBER

Archer (A W) Co Inc  
Bramble Cordage Co  
Cupples Co  
Frick (J E) Co  
Graham (John H) & Co Inc  
Highland Cordage Co  
Hoffman Lion Mills Co Inc  
Hooper (William E) & Sons Co  
Portland Cordage Mills  
Mallison Drashed Cord Div  
Portland Cordage Mills  
Rock Island Millwright Co  
Rucky Mount Cord Co  
Samson Cordage Wks  
Silver Lake Co  
Whittier Mills Co

#### CORDS, SASH, WIRE

American Steel & Wire Co  
MacWhirter Co  
Roebbing's (John A) Sons Co  
Southern Mills Corp  
Lyon-Walton Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

#### CORNICES, METAL

Berger Mfg Co Div Republic Steel Corp  
Edwards Mfg Co  
Meyer (F) & Brother Co  
St Paul Corrugating Co

#### CORNERS, SIDING

Harrett Div Allied Chemical & Dye Corp  
Bird & Son Inc  
Celotex Corp  
Donley Brothers Co  
Edwards Mfg Co  
Flinnake Co  
Inland Steel Products Co  
Jones & Brown Inc  
Kees (F D) Mfg Co  
Klauser Mfg Co  
Kroyd Metals Co Bldg Products Div  
L S Gypsum Co  
Whelton Corrugating Co

#### COUPLINGS, FLEXIBLE SHAFT

Brad Potts Gear Works  
Chain Belt Co  
Diamond Chain Co Inc  
Falk Corp  
Link Belt Co  
Lorjoy Flexible Coupling Co

#### COUPLINGS, HOSE

Allen (W D) Mfg Co  
Ever-Tite Coupling Co  
Hose Accessories Co  
No-Way Coupling Co  
Burrick Lawn Hose Coupler Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

**COUPLINGS, SPLIT**

General Electric Co Construction Materials Dept

**COVE, MOLDED PLYWOOD**

Keller Products Inc  
United States Plywood Corp

**COVERING, FABRIC WALL**

Columbus Coated Fabrics Corp

**COVERING, PIPE, ASBESTOS**

Armo Asbestos Covering & Flooring Co  
Asbestos Asphalt & Insulation Inc  
Carey (Phillip) Co  
Curtis Mfg & Asbestos Co  
Elect Magnesia Mfg Co  
Johns-Manville Corp  
Keadley & Mattison Co  
National Asbestos Mfg Co  
Pabco Products Inc  
Rubeloid Co  
Sall Mountain Co  
Smith & Kanzler Inc  
Standard Asbestos Mfg Co  
Wilson (Grant) Inc

**COVERINGS, PIPE, CLOTH**

Mortell (J W) Co

**COVERINGS, PIPE, FIBROUS GLASS**

Owens-Corning Fiberglas Corp

**COVERINGS, PLASTIC FOR METAL**

Krome-Kite Co

**COVERINGS, RESILIENT WALL**

Shoane-Rialon Corp

**COVERINGS, WALL, WOOD-ON-CLOTH**

Brasco Mfg Co  
U S Plywood Corp

**COVERINGS, VINYL PLASTIC FLOOR**

Delaware Floor Products Inc  
Nurdura Co

**COVERS, MANHOLE & CISTERN**

Dunley Brothers  
Industrial Iron Works  
Keweenaw Mfg Co  
Logan Company  
Majestic Company

**CRANES, OVERHEAD TRAVELING**

Bridgport Chain & Mfg Co  
Detroit Hoist & Machine Co  
Lane Mfg Co  
Reading Chain & Block Corp  
Richards-Willett Mfg Co  
Shepard Niles Crane & Hoist Co

**CRANES, POWER INDUSTRIAL**

Atlantic Transportation Co Div Yale & Towne Mfg Co  
Clyde Iron Works Inc  
Eiswell-Parter Electric Co  
Lewis-Shepard Products Inc  
Shepard Niles Crane & Hoist Corp

**CRANES, TRACTOR & TRUCK**

Bridgport Chain & Mfg Co  
Clyde Iron Works Inc  
Iront Mfg Corp  
Kimmel Winch Co  
Taylor Machine Works

**CRANES & SHOVELS, POWERED**

Allis Chalmers Mfg Co  
Bucyrus-Erie Co  
Chisholm-Moore Hoist Corp Div Columbus-McKinnon Chain Corp  
Charles Machine Works  
Cleveland Trencher Co  
Construction Machinery Co  
Day-Smith Hydraulic Corp  
Harnischfeger Corp  
Hydromatic Div Bucyrus-Erie Co  
Hytor Co  
Jaeger Machine Co  
Koblering Co  
Link-Belt Speeder Co  
Lohse (Harry) Co Inc  
Louden Machinery Co  
Marion Power Shovel Co  
Michigan Power Shovel Co  
Northwest Engineering Co  
Orton Crane & Shovel Co  
Red Tiger Products  
Ross Carrier Co  
Schield Rantam Co  
Shaw Box Crane & Hoist Div Manning Maxwell & Moore Inc  
Silver Hoist & Crane Co  
Thru Shovel Co  
Unit Crane & Shovel Corp

**CRAYONS, LUMBER MARKING**

Blaisdell Pencil Co  
Dixon (Joseph) Crucible Co  
Eagle Pencil Co  
Faber-Castell (A W) Pencil Co  
Markwell Mfg Co Inc  
National Crayon Co  
Standard Crayon Mfg Co  
Union Crayon Co

**CREOSOTE**

American Creosote Works Inc  
Barrett Div Allied Chemical & Dye Corp  
Cabot (Samuel) & Co Inc  
C-A Wood Preserver Co  
Carbolignum Wood Preserving Co  
Koppers Co  
Pittsburgh Plate Glass Co Brush Div  
Protexol Corp  
Rolly Tar & Chemical Corp

**CRESTING & FINIALS, ROOF, SHEET METAL**

Berger Mfg Co Div Republic Steel Corp  
Ceco Steel Products Co  
Edwards Co Inc  
Inland Steel Products Co  
Penn Metal Co Inc  
Wheeling Corrugating Co

**CRIBBING, WIRE**

American Steel & Wire Co  
Ceco Steel Products Corp  
Continental Steel Corp  
Keystone Steel & Wire Co  
Logan Company  
Mid-States Steel & Wire Co  
Northwestern Steel & Wire Co

**CRIBS, CORR, PORTABLE**

American Steel & Wire Co  
Beaflite Steel Tank Mfg Co  
Bostler Mfg Co  
Illinois Wire & Mfg Co  
Keystone Steel & Wire Co  
Mid-States Steel & Wire Co  
Midwest Steel Products Co  
Northwestern Steel & Wire Co  
Riles Laminated Products Co  
Security Fence & Mfg Co  
Canford Fence Co  
Gaynor (E S) Lumber Co  
Matisen Wire & Mfg Co Inc  
Moore (Goodloe E) Inc  
Nebraska Bridge Supply & Lumber Co  
Reynolds Metals Co Bridge Products Div  
Rove Mfg Co  
Wheeler-Arnold Co

**CRIBS, GRAIN, STEEL**

Agrifruit Chemical Corp  
Eaton Metal Products Corp  
Freland Irons Co  
G F Mfg Co  
Keystone Steel & Wire Co  
Latturek Products Inc  
Ross Equipment Co

**CUTOUTS, TRANSFORMER ELECTRIC**

General Electric Co Construction Materials Dept

**CUTTERS, ADJUSTABLE, HOLE**

Clark (Robert H) Co Bruno Tools Div

**CUTTERS, ASBESTOS, CEMENT BOARD**

Asbestos Service Co  
Johns-Manville Corp  
Pearson (O) Mfg Co

**CUTTERS, GLASS**

Barrett (William L)  
Glassers' Tool Mfg Corp  
Heller (W C) & Co  
Marvel Rock Mfg Co  
Millers Falls Co  
National Mirror Works  
New England Caride Tool Co  
Pittsburgh Plate Glass Co  
Red Devil Tools  
Ridgely Trimmer Co

**CUTTERS, INSULATION BOARD**

Bird & Son  
Hulter Brothers Saw Mfg Co  
Kimball Mfg Co

**CUTTERS, LOCK CORNER**

Atkins (E C) & Co  
Hulter Brothers Saw Mfg Co  
Woods (S A) Machine Co

**CUTTERS, MOULDING**

Boice Crane Co  
Hulter Brothers Saw Mfg Co  
Markwell Mfg Co  
Shimer (Samuel J) & Sons Inc

Stanley Electric Tools Div Stanley Works  
Taylor-Stiles & Co  
Woods (S A) Machine Co

**CUTTERS, PICKET**

Schubert (H A) Co

**CUTTERS, PIPE**

American Pipe Tool Co  
Barrow Tool Co  
Beaver Pipe Tool Inc  
International Notyp Tool Corp  
Toledo Pipe Threading Machine Co

**CUTTERS, SHINGLE, ASBESTOS-CEMENT**

Flintstone Co Inc  
Hulter Brothers Saw Mfg Co  
Johns-Manville Corp  
Keadley & Mattison Co  
Parsons Bros Slate Co  
Ruberoid Co  
Specialty Tool Mfgs Inc  
Tri-Station Bldg Materials Co Inc

**CUTTERS, SIDING, ASPHALT**

Labelle Industries Inc

**CUTTERS, TILE**

Fletcher Terry Co  
Goldblatt Tool Co  
JMJ Products Co  
Red Devil Tools

**DAMPERS FOR CEILING DIFFUSER**

Air Control Products Inc

**DAMPERS, FIREPLACE**

Adams Co  
Allen Steel Products  
Bennett-Ireland Co  
Bostwick Steel Lath Co  
Chattanooga Implement & Mfg Co  
Colonial Fireplace Co  
Copen Steel & Engineering Co  
Covert (H W) Co  
Dowley Brothers  
Gabriel Steel Co  
Harris Inc  
Keweenaw Mfg Co  
Industrial Iron Works  
Majestic Co  
Meador Brothers Iron Co  
Purdue Mfg Corp  
Puttland Stone Foundry Co  
Price Fireplace Heater & Tank Corp  
Superior Fireplace Co  
Vestal Stone Co Building Specialties Div

**DAMPROOFERS**

Calbar Paint & Varnish Co  
Minimax Co Inc

**DASH, STUCCO**

Calvin Tompkins Co  
Fuss-Dash Mfg Co  
Mission Lime Products Corp  
Sullivan Co  
Tammes Industries Inc

**DECKS, ROOF, METAL**

Berger Mfg Co Div Republic Steel Corp  
Carnegie-Illinois Steel Co  
Ceco Steel Products Corp  
Foustra Building Products  
Follansbee Steel Corp  
Gary-Pinner Steel Corp  
Goldsmith Metal Lath Co  
Inland Steel Products Co  
Macomber Inc  
St Paul Corrugating Co  
Soule Steel Co  
Tennessee Coal Iron & Railroad Co  
Trucon Steel Co  
Wheeling Corrugating Co

**DECKS, ROOF, PRECAST, GYPSUM SLAB**

Certain-teed Products Corp  
National Gypsum Co  
U S Gypsum Corp

**DEODORANTS, HOUSEHOLD**

Air Corrective of Chicago Inc  
Carbala Chemical Co  
Clorox Chemical Co  
Holley Chemical Co  
No-Air Chemical Div Olympic Tool & Mfg Co Inc  
Puritan Sales Co  
U S Sanitary Specialties Corp

**DEODORANTS, PAINT**

Air Corrective of Chicago Inc  
Beising Brothers Inc  
Central Paint & Varnish Works Inc  
Consumers Glee Co  
Hardware Products Co  
Holley Chemical Co

**DERIBICKS**

American Hoist & Derrick Co  
Clyde Iron Works Inc  
Downs Crane & Hoist Co  
Lane Mfg Co  
Saugen Derrick Co

**DESTROYERS, SOOT**

Anthracite Bulver Compound Co  
Boyer Chemical Laboratory Co  
Camp Chemical Co Inc  
Complan (G N) Co  
So-Loc Works Inc  
Tammes Industries Inc  
Trian Inc  
Triple-X Chemical Laboratories  
Wall (P) Mfg Co  
Wayne Chemical Products Co  
Weather Seal Co

**DEVICES, MARKING**

Elliason Tool Co  
Heller (W C) & Co  
Lowe Brothers Co  
Kyrsson (Joseph T) & Son Inc  
Stanley Works  
Timely Products Co

**DEVICES, TIMING**

General Electric Co Apparatus Dept

**DEVICES, WIRING**

Porcelain Products Co Inc

**DIFFUSERS, AIR**

Air Devices, Inc  
Pyle-National Co Multi-Vent Div

**DIGGERS, POST HOLE**

H & R Co  
Huda Co  
Dicke Tool Co  
Dixson (Henry) & Sons Inc  
Franklin Equipment Co  
Fulton Tool Works Inc  
Iwan Brothers Inc  
Ka-Ma Tools Inc  
Levostia Tool Co  
Star Bit & Tool Co  
Sterling Foundry Co Inc  
Tow Tomper Corp  
Warren Tool Corp  
Winpower Mfg Co  
Woodings-Vernon Tool Works

**DISCS, ABRASIVE**

Abrasive Products Inc  
Albertson & Co Inc  
American Floor Surfacing Machine Co  
Armour & Co Sandpaper Div  
Behr-Manning Corp Div Norton Co  
Black & Jewett Mfg Co  
Broadway Rubber Mfg Co  
Mid-West Abrasive Co  
Pittsburgh Plate Glass Co Brush Div  
Rhodes (James H) & Co  
Sandpaper Inc  
Standard Bronze Co

**DISINFECTANTS**

Boyle-Midway Inc  
Carbolignum Wood Preserving Co  
Grasselli Chemical Dept DuPont (E I) De  
Nemours & Co  
Koppers Co Inc  
Hollingshead (H M) Corp  
Pennsylvania Salt Mfg Co  
Puritan Salm Co  
Sherrin-WILLIAMS Co  
Socorg-Vacuum Oil Co

**DISPENSERS, PAPER**

Bennett Mfg Co

**DOCKBOARDS**

Elizabeth Iron Works  
Magline Inc  
Magnesium Co of America  
Pallet Engineering Co

**DOLLIES**

Adams Co  
Bausick Co  
Eldon Mfg Co Plastic & Die Cast Products Corp  
Electric Wheel Co  
Fairbanks Co  
Faulstich Caster Corp  
Hamilton Caster & Mfg Co  
Howe Scale Co  
Johnson Industries Inc  
Morse Metal Products Co  
Notting Truck & Caster Co  
Saginaw Stamping & Tool Co  
Service Caster & Truck Co  
West Bend Equipment Corp

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

**DOORS, ACCESS**

Actna Plywood & Veneer Co  
 Carr Adams & Collier Co  
 Cole Mfg Co  
 Columbia Metal Bar Co  
 Decatur Iron & Steel Co  
 Donley Brothers  
 Farley & Loetscher Mfg Co  
 Pries & Son  
 Huttig Mfg Co  
 Ideal Co  
 Industrial Iron Works  
 Inland Steel Products Co  
 Knapp Brothers Mfg Co  
 Majestic Co  
 Miami Cabinet Div Carey (Philip) Mfg Co  
 Morgan Co  
 Rock Island Millwork Co  
 Standard Steel Cabinet Co  
 United Steel Fabricators Inc  
 Vental Store Co Building Specialties Div  
 Western Foundry Co

**DOORS, ASH PIT**

Bennett-Inland Co  
 Bestwick Steel Lath Co  
 Copco Steel & Engineering Co  
 Covert (E W) Co  
 Donley Brothers  
 Gabriel Steel Co  
 Heastlizer Co  
 Industrial Iron Works  
 Inland Steel Products Co  
 Kewanee Mfg Co  
 Majestic Co  
 Peerless Mfg Co  
 Trueson Steel Co  
 Vental Store Co Building Specialties Div  
 Wheeling Corroting Co  
 Wilmington Casting Co

**DOORS, CABINET & CUPBOARD, WOOD**

Actna Plywood & Veneer Co  
 American Plywood Corp  
 Angel Novelty Co  
 Bufellen Lumber & Mfg Co  
 Burke Millwork Co  
 Carr Adams & Collier Co  
 Cole Mfg Co  
 Curtis Co Inc  
 Farley & Loetscher Mfg Co  
 Fiddes-Moore & Co  
 Fir Door Institute  
 Gregg & Son  
 Huttig Mfg Co  
 Ideal Co  
 IXL Furniture Corp  
 Inland Furniture Co  
 Kinross Pine Mills Co  
 M & M Woodworking Co  
 Marquart Millwork Co  
 Mengel Co Inc  
 Morgan Co  
 National Woodwork Mfrs Association  
 Northwest Door & Plywood Sales  
 Pacific Mutual Door Co  
 Paine Lumber Co  
 Phenix Co  
 Roach & Mueser Mfg Co  
 Rock Island Millwork Co  
 Roddis Plywood Corp  
 Silberman (George) J & Sons Co  
 Simpson Logging Co  
 U S Menger Plywoods Inc  
 U S Plywood Corp  
 West Coast Lumbermen's Association  
 Western Pine Association  
 Wisconsin Laminating Co

**DOORS, CELLAR, BULKHEAD (METAL)**

Bileo Mfg Co

**DOORS, CLEANOUT**

Adams Co  
 Bennett-Inland Co  
 Bestwick Steel Lath Co  
 Ceco Steel Products Co  
 Chaltonaga Implement & Mfg Co  
 Colonial Fireplace Co  
 Copco Steel & Engineering Co  
 Donley Brothers  
 Gabriel Steel Co  
 Heastlizer Co  
 Inland Steel Products Co  
 Kewanee Mfg Co  
 Majestic Co  
 Mosler Brothers Iron Co  
 Metal Crafters Div Castone Products Co  
 Price Pipeless Heater & Tank Corp  
 Sterling Foundry Co Inc  
 Superior Fireplace Co  
 U S Hardware & Mfg Co  
 Vental Store Co Building Specialties Div  
 Western Foundry Co  
 Wheeling Corroting Co

**DOORS, COAL CHUTE**

Adams Co  
 Adams Steel Products  
 Bestwick Steel Lath Co  
 Ceco Steel Products Co  
 Copco Steel & Engineering Co  
 Decatur Iron & Steel Co  
 Donley Brothers  
 Gabriel Steel Co  
 Industrial Iron Works  
 Kewanee Mfg Co  
 Majestic Co  
 Mosler Brothers Iron Co  
 National Gypsum Co  
 Peerless Mfg Corp

**U S Gypsum Co**

Wheeling Corroting Co

**DOORS, COLD STORAGE**

Janinee Cold Storage Door Co

**DOORS, COMBINATION, ALUMINUM**

Alumatic Corp of America  
 Aluminum Building Products Co  
 Comp-Miracle Products Co  
 Eagle Pieber Co  
 Fibrocraft Corp  
 Kaufmann Corp  
 Reynolds Metals Co Building Products Div  
 Russell (F C) Corp  
 Stern Windows of Aluminum Inc  
 Weather-Proof Co

**DOORS, COMBINATION, STEEL**

Russell (F C) Co

**DOORS, COMBINATION, WOOD**

Angel Novelty Co  
 Bufellen Lumber & Mfg Co  
 Burke Millwork Co  
 Carr Adams & Collier Co  
 Chamberlin Co of America  
 Cole Mfg Co  
 Combination Door Co  
 Continental Screen Co  
 Curtis Co Inc  
 Farley & Loetscher Mfg Co  
 Fiddes-Moore & Co  
 Fir Door Institute  
 Gate City Sash & Door Co  
 Gregg & Son  
 Henshull (A D) Co  
 Hines (Edward) Lumber Co  
 Huttig Mfg Co  
 Long-Bell Lumber Co  
 Marquart Millwork Co  
 M & M Woodworking Co  
 Morgan Co  
 National Screen Door Co  
 National Woodwork Mfrs Association  
 Northern Wood Products Co  
 Northwest Door Co  
 Pacific Mutual Door Co  
 Phenix Mfg Co  
 Prestine (F W) & Co  
 Roach & Mueser Mfg Co  
 Robbins Mfg Co  
 Rock Island Millwork Co  
 Schumacher (F E) Co  
 Silberman (George) & Sons Co  
 Simpson Logging Co  
 Weather-Seal Inc  
 Western Pine Association  
 Window Conditioning Co

**DOORS, ELEVATOR & DUMBWAITER**

St Louis Fire Door Co

**DOORS, FIRE**

Arne Door Co  
 Bufellen Lumber & Mfg Co  
 Burke Millwork Co  
 Farley & Loetscher Mfg Co  
 Fiddes-Moore & Co  
 Fir Door Institute  
 Georgia-Pacific Plywood & Lumber Co  
 Harbor Plywood Corp  
 Linden Mfg Co  
 Milwaukee Plywood Co  
 M & M Woodworking Co  
 Monarch Door & Mfg Co  
 National Woodwork Mfrs Association  
 Northwest Door Co  
 Robinson Mfg Co  
 Rock Island Sash & Door Co  
 Roddis Plywood Corp  
 Silberman (George) J & Sons Co  
 Simpson Logging Co  
 U S Plywood Corp  
 Washington Door Co  
 West Coast Lumbermen's Association  
 Western Door & Plywood Corp

**DOORS, FIRE**

Cornell Rolling Door Works  
 Diebold Co Inc  
 Edwards Co Inc  
 Fenestra Building Products  
 Fox Brothers Mfg Co  
 Hestia Protective Fire Doors Inc  
 International Fireproof Door Co  
 International Steel Co  
 Kinross Mfg Co  
 Majestic Co  
 Mengel Co Inc  
 Mosler Brothers Iron Co  
 Owen-Illinois Glass Co Kaylo Div  
 Protex Corporation  
 Richards-Wilcox  
 Roddis Plywood Corp  
 St Louis Fire Door Co  
 Soule Steel Co  
 Syracuse Fire Door Corp  
 U S Menger Plywoods Inc  
 U S Plywood Corp  
 Viridita Metal Products Co  
 Willis Mfg Co Inc  
 Wilson (J G) Corp

**DOORS, FLEXIBLE & FOLDING**

Fenestra Building Products  
 Hough Shade Corp  
 New Castle Products Co  
 Richards-Wilcox Co  
 Smith (F P) Wire & Iron Works Inc  
 Traxcon Steel Co

**DOORS, FLUSH, WOOD**

Actna Plywood & Veneer Co  
 American Plywood Corp  
 Angel Novelty Co  
 Braund (W B) Co  
 Carr Adams & Collier Co  
 Collier Furniture Co Door Div  
 Curtis Co Inc  
 Davis Plywood Corp  
 Farley & Loetscher Mfg Co  
 Fiddes-Moore & Co  
 Fir Door Institute  
 General Plywood Corp  
 Georgia-Pacific Plywood & Lumber Co  
 Haskelite Mfg Corp  
 Higgins Inc  
 Huttig Mfg Co  
 Hyde-Murphy Co  
 Iplik Plywood Corp  
 Kennebec Inc  
 Korbton Plywood & Veneer Co  
 Long-Bell Lumber Co  
 MacArthur & Smith Inc  
 Mengel Co  
 M & M Woodworking Co Remprodt Div  
 Morgan Co  
 Musman & Shafer Inc  
 Northwest Door & Plywood Sales  
 Paine Lumber Co  
 Peterson (J C) Co  
 Rock Island Millwork Co  
 Roddis Plywood Corp  
 U S Plywood Corp  
 Wheeler-Osgood Co  
 Wisconsin Door Co

**DOORS, GARAGE, METAL**

Aluminum Products Corp  
 Blaw-Knox Div Blaw-Knox Co  
 Calder Mfg Co  
 Comp-Miracle Products Co  
 Fenestra Building Products  
 Frantz Mfg Co  
 Hallsler Coil Spring Mfg Co  
 International Steel Co  
 Kinross Mfg Co  
 Morrison Steel Products Inc  
 Reynolds Metals Co Building Products Div  
 Silberman (George) & Sons Co  
 Stamping Prods & Mfg Co Steel Door Div  
 Taylor (L S) Mfg Co  
 Taylor (R L) Inc  
 Tilt-A-Door Corp  
 United Steel Fabricators Inc  
 Wilson Foundry & Machine Co

**DOORS, GARAGE, WOOD**

Barber-Colman Co  
 Bufellen Lumber & Mfg Co  
 Burke Millwork Co  
 Calder Mfg Co  
 Capital Products Co  
 Carr Adams & Collier Co  
 Commander Door Inc  
 Crawford Door Co  
 Curtis Co Inc  
 Farley & Loetscher Mfg Co  
 Fiddes-Moore & Co  
 Fir Door Institute  
 Frantz Mfg Co  
 General Door Mfg Co  
 Georgia-Pacific Plywood & Lumber Co  
 Hall Enterprises  
 Harbor Plywood Corp  
 Huttig Mfg Co  
 Kaiser Metal Products Co  
 Long Bell Lumber Co  
 Loudon Machinery Co  
 MacArthur & Smith Inc  
 Marquart Millwork Co  
 Mask Seattle Lumber Co  
 McKee Co  
 M & M Woodworking Co  
 North Plywood Inc  
 Northwest Door & Plywood Sales  
 Overhead Door Corp  
 Raynor Mfg Co  
 Richards-Wilcox Co  
 Roach & Mueser Mfg Co  
 Rock Island Millwork Co  
 Roddis Plywood Corp  
 Simpson Logging Co  
 Stanley Works Garage Hardware Dept  
 Starline Inc  
 U S Plywood Corp  
 West Coast Lumbermen's Association  
 Western Pine Association  
 Wheeler-Osgood Co

**DOORS, GARAGE, OVERHEAD TYPE, METAL**

Aluminum Products Corp  
 Calder Mfg Co Inc  
 Clark Door Co Inc  
 Fenestra Building Products  
 Frantz Mfg Co  
 Monarch Door Co  
 Pioneer Co  
 Stamping Products & Mfg Co Steel Door Div

**Taylor (L S) Mfg Co**

Wilson (J G) Corp

**DOORS, GARAGE, OVERHEAD TYPE, WOOD**

Arne Door Co  
 Barber-Colman Co  
 Bufellen Lumber & Mfg Co  
 Burke Millwork Co  
 Capital Products Co  
 Carr Adams & Collier Co  
 Commander Door Inc  
 Crawford Door Co  
 Curtis Co Inc  
 Davis Plywood Corp  
 Essential Products Corp  
 Farley & Loetscher Mfg Co  
 Fir Door Institute  
 Georgia-Pacific Plywood & Lumber Co  
 Hall Enterprises  
 Harbor Plywood Corp  
 Harris Inc  
 Linden Mfg Co  
 Milwaukee Plywood Co  
 Marquart Millwork Co  
 National Mfg Co  
 Northwest Door Co  
 Overhead Door Corp  
 Pacific Mutual Door Co  
 Paine Co Inc  
 Phenix Mfg Co  
 Raynor Mfg Co  
 Richards-Wilcox Co  
 Roach & Mueser Mfg Co  
 Rock Island Millwork Co  
 Ross Mfg Co  
 Simpson Logging Co  
 Starline Inc  
 Wagner Mfg Co  
 Washington Door Co  
 West Coast Lumbermen's Association  
 Western Door & Plywood Corp  
 Western Fine Association  
 Wheeler-Osgood Co

**DOORS, GLASS**

Angel Novelty Co  
 Arcadia Metal Products Inc  
 Rache (Gomon) & Co  
 Sagenman Co Inc  
 Huttig Sash & Door Co  
 Kewanee Co  
 Libbey-Owens-Ford Glass Co  
 National Mirror Works  
 Northwest Door & Plywood Sales  
 Pittsburgh Plate Glass Co  
 Safetec Glass Co  
 Seeger & Kothman Co  
 Shomer Door Co of America  
 Wheeler-Osgood Co

**DOORS, HARDWOOD**

Actna Plywood & Veneer Co  
 American Plywood Corp  
 American Sash & Door Co  
 Angel Novelty Co  
 Braund (W B) Co  
 Bufellen Lumber & Mfg Co  
 Carnahan Mfg Co  
 Carr Adams & Collier Co  
 Curtis Co Inc  
 Davis Plywood Corp  
 Dyle Brothers  
 Farley & Loetscher Mfg Co  
 Fiddes-Moore & Co  
 General Plywood Corp  
 Georgia-Pacific Plywood & Lumber Co  
 Haskelite Mfg Corp  
 Huttig Mfg Co  
 Hyde-Murphy Co  
 Iplik Plywood Corp  
 Kennebec Inc  
 Marquart Millwork Co  
 Mengel Co  
 Morgan Co  
 Musman & Shafer Incorporated  
 National Woodwork Mfrs Association  
 Paine Lumber Co  
 Rock Island Millwork Co  
 Roddis Plywood Corp  
 U S Menger Plywoods Inc  
 U S Plywood Corp  
 Wheeler-Osgood Co  
 Wisconsin Door Co

**DOORS, LAUNDRY CHUTE**

Air Control Products Inc  
 Allen Steel Products  
 Copco Steel & Engineering Co  
 Donley Brothers  
 Gabriel Steel Co  
 Ideal Cabinet Corp Div of Des Lauriers  
 Colum Mould Co Inc  
 Miami Cabinet Div Carey (Philip) Mfg Co

**DOORS, LOUVER, WOOD**

Carr Adams & Collier Co  
 Curtis Co Inc  
 Farley & Loetscher Mfg Co  
 Morgan Co  
 Pro-Tect-U Jalousee Corp

**DOORS, METAL**

Actna Steel Products Corp  
 American Sheet Metal Works  
 American Welding & Mfg Co  
 Artcraft Ornamental Iron Co  
 Bayley (William) Co  
 Robert & Carrough Co  
 Ceco Steel Products Co  
 Cincinnati Iron Fence Co Inc

List of Manufacturers' Names With  
 Complete Addresses Starts on Page D-67

Cornell Rolling Door Works  
Crittall Inc  
Cruft Steel Products Inc  
Decorative Iron & Steel Co  
Diebold Co Inc  
Edwards Co Inc  
Fenestra Building Products  
Flynn (Michael) Mfg Co  
International Steel Co  
Kawner Co  
Kinneer Mfg Co  
Malon (R C) Co  
Messer Brothers  
Metal Crafters Div Castone Products Co  
Milwaukee Stamping Co  
Newman Brothers Inc  
Richards-Wilcox Co  
Richmond Fireproof Door Co  
Sonic Steel Co  
Steelecraft Mfg Co  
Stewart Iron Works  
Thorn (J E) Co  
Trasson Steel Co  
United Steel Fabricators Inc  
Virginia Metal Products Co  
Weather-Proof Co  
Williamburg Steel Products Co  
Wilson (J G) Corp

#### DOORS, PLYWOOD

American Plywood Corp  
Brandt (W R) Co  
Buffelen Lumber & Mfg Co  
Carr Adams & Collier Co  
Davis Plywood Corp  
Fisher-Moore & Co  
Fir Door Institute  
Higgins Inc  
Huttig Mfg Co  
Ipsik Plywood Co  
Long-Bell Lumber Co  
Manik Seattle Lumber Co  
Mengel Co Inc  
Pacific Mutual Door Co  
Simpson Lugging Co  
U S Mengel Plywoods Inc  
U S Plywood Corp  
Wheeler Osgood Co

#### DOORS, PONDEROSA PINE

Carr Adams & Collier Co  
Cole Mfg Co  
Farley & Loetscher Mfg Co  
Greig & Son  
Hines (Edward) Lumber Co  
Huttig Mfg Co  
Ideal Co  
Long-Bell Lumber Co  
Morgan Co  
Musman & Shafer Inc  
National Woodwork Mfrs Association  
Ponderosa Pine Woodwork  
Rock Island Millwork Co  
Silbernagel (George) & Sons Co  
Spokane Sash & Door Co  
Western Pine Association

#### DOORS, PREFIT

Buffelen Lumber & Mfg Co  
Burke Millwork Co  
Farley & Loetscher Mfg Co  
Fir Door Institute  
Ideal Co  
Ipsik Plywood Corp  
Paine Lumber Co  
Ponderosa Pine Woodwork  
Roddie Plywood Corp  
Simpson Lugging Co  
Wheeler-Osgood Co

#### DOORS, REVOLVING

General Bronze Corp  
International Steel Co  
Michael Art Bronze Co  
Revolador Corp

#### DOORS, SHOWER

American Extruded Products Co  
Binzwanger & Co  
Fist Metal Mfg Co  
Glass Shower Door Co  
Kawner Co  
Lehman Sash&Door Co  
Milwaukee Stamping Co  
National Metal-Art Mfg Co  
National Mirror Works  
Pittsburgh Plate Glass Co  
Safeite Glass Co  
Shower Door Co of America  
Southern Shower Door & Cabinet Co

#### DOORS, SIDEWALK

Adams Co  
Bilco Co  
Cincinnati Iron Fence Co  
Edwards Mfg Co  
Frist & Son  
Legan Co

#### DOORS, SLIDING, RESIDENTIAL

Accurate Metal Weatherstrip Co  
Acta Steel Products Corp  
American Welding & Mfg Co  
Bayley (William) Co  
Better-Bill Door Co  
Buffelen Lumber & Mfg Co  
Cole Mfg Co  
Curtis Con Inc  
Dorbo Mfg Co  
Farley & Loetscher Mfg Co

#### Fir Door Institute

Ideal Co  
Long-Bell Lumber Co  
M & H Woodworking Co  
Morgan Co  
Nasco Wood Products Inc  
Nordahl Co  
Nova Sales Co  
Orchard Mfg Co  
Rock Island Millwork Co  
Steelecraft Mfg Co  
Trasson Steel Co  
U S Sliding Door Corp  
U S Plywood Corp  
United Steel Fabricators Inc  
Virginia Metal Products Co  
Woodall Industries

#### DOORS, SOFTWOOD

American Sash & Door Co  
Angel Novelty Co  
Curtis Con Inc  
Elyse Brothers  
Marquart Millwork Co  
Manik Seattle Lumber Co  
Mengel Co Inc  
Millwork Distributors Co  
Northwest Door & Plywood Sales  
Pacific Mutual Door Co  
Products-From-Sweden Inc  
Roach & Musser Co  
Simpson Industries Inc  
U S Mengel Plywoods Inc  
Wheeler Osgood Co

#### DOORS, ROLLING, STEEL

Cornell Iron Works Inc  
Lawrence Steel Co  
Malon (R C) Co

#### DOORS, ROLLING, WOOD

Cornell Rolling Door Works

#### DOORS, STORM, WOOD & METAL

Alco Inc  
Anderson (J V) Mfg Co  
Angel Novelty Co  
Buffelen Lumber & Mfg Co  
Burke Millwork Co  
Carr Adams & Collier Co  
Ceco Steel Products Corp  
Chamberlain Co of America  
Cole Mfg Co  
Comp-Miracle Products Co  
Curtis Con  
Denney & Associates  
Eagle Peeler Co  
Farley & Loetscher Mfg Co  
Fisher-Moore & Co  
Fir Door Institute  
Greig & Son  
Hemphill (A D) Co  
Hines (Edward) Lumber Co  
Holter Coil Spring Mfg Co  
Huttig Manufacturing Co  
Long-Bell Lumber Co  
Marquart Millwork Co  
Millwork Distributors Co  
M & H Woodworking Co  
Morgan Company  
National Woodwork Mfrs Association  
Northwest Door & Plywood Sales  
Paine Mfg Co  
Ponderosa Pine Woodwork  
Prentice (F W) & Co  
Robbin Mfg Co  
Rock Island Millwork Co  
Schumacher (F E) Co  
Silbernagel (George J) & Sons Co  
Spokane Sash & Door Co  
Weather-Proof Co  
Weather-Seal Inc  
Western Pine Association  
White Pine Sash Co  
Windup Conditioning Co

#### DOORS, TIN CLAD

Edwards Mfg Co

#### DOWELS, WOOD

Ames Mfg Co  
Bendis Mfg Co  
Bradley Lumber Co of Ark  
Burke Millwork Co  
Chicago Wood & Plastic Products  
Cooke (R F) Mfg Co  
Cummings (C B) & Sons Co  
Curtis Con Inc  
Despres Dowel Mfg Co  
Elligers Inc  
Englewood Dowel Co  
Fordyce-Crosscut Lumber Co  
Grand Rapids Dowel Works  
Holt Hardwood Co  
Long-Bell Lumber Co  
Maine Industries Co  
McMinville Handle Co  
Morgan Lumber Co  
Norton Mfg Co  
Nashotah Moulding & Mfg Co  
Rock Island Millwork Co  
Rose (Henry) Mfg Co  
Rustic Furniture Co Inc  
Saunders Co  
Silbernagel (George J) & Sons Co  
South Bend Dowel & Mfg Co

#### Sparta Spike Factory

Stiles (H A) Co  
Stowell-McIntyre Co  
Streck (L W) & Co  
Thurston (H T) & Sons  
Western Pine Association  
Weyerhaeuser Sales Co

#### DRAINBOARDS

Enamel Products Co  
Tregesser (John) Steam Copper Works  
Whitehead Metal Products Co Inc  
Wuester Rubber Co

#### DRAINS, FLOOR

Allen Steel Products  
Covert (H W) Co  
Donley Brothers  
Industrial Iron Works  
Kewanee Mfg Co  
Louden Machinery Co  
Majestic Co  
Robinson Clay Product Co  
Vestal Stone Co  
Zura (J A) Mfg Co

#### DRAINS, ROOF

Barrett Div Allied Chemical & Dye Corp  
Industrial Iron Works  
Robinson Clay Product Co  
Zura (J A) Mfg Co

#### DRAWERS, STORAGE, STEEL

Precision Equipment Co  
Red Tiger Products Inc

#### DRESSERS, GRINDING WHEEL

Altkin (E C) Co  
Behr-Manning Corp Div Norton Co  
Caldor Mfg Co  
Ideal Industries Inc

#### DRIILLS, BRICK, CONCRETE, TILE

Ackerman-Johnson Co  
Arm Expansion Bolt Co  
Black & Decker Mfg Co  
Carboloy Inc  
Chicago Expansion Bolt Co  
Chicago Pneumatic Tool Co  
Damascus Steel Products Corp  
Kensmetal Inc  
Krauster & Co  
Mall Tool Co  
Mephitis Tool Co Inc  
Miller Falls Co  
Milwaukee Electric Tool Corp  
New England Carbide Tool Co  
Paine Company  
Proto Tool Co  
Rainey Tools Inc  
Reynolds Co Inc Industrial Div  
Red Devil Tools  
Stanley Tools Div Stanley Works  
Star Expansion Products Co  
Super Tool Co  
Syrinx Co  
Tilden Tool Mfg Co  
Vaughan & Bushnell Mfg Co  
Vulcan Tool Mfg Co  
Wardwood Tool Co  
Wodack Electric Tool Corp

#### DRIILLS, ELECTRIC PORTABLE

Albertson & Co Inc  
Black & Decker Mfg Co  
Bradford Machine Tool Co  
Chicago Pneumatic Tool Co  
Cincinnati Electrical Tool Div Le Blond  
(R K) Machine Tool Co  
Denver Floor & Safety Supply Co  
Dremel Mfg Co  
Fason Industries Inc  
Independent Pneumatic Tool Co  
Kett Tool Co  
Knapp-Monarch Co  
Louisville Electric Mfg Co  
Mall Tool Co  
Millers Falls Co  
Milwaukee Electric Tool Corp  
Misener Mfg Co Inc  
Portable Electric Tool Inc  
R C S Tool Sales Corp  
Skilaw Inc  
Speedway Mfg Co  
Stanley Electric Tools Div Stanley Works  
Syrinx Co  
Tilden Tool Mfg Co  
Wallace (J D) & Co  
Wodack Electric Tool Corp

#### DRIILLS, GLASS

Barrett (William L)  
Red Devil Tools

#### DRIILLS, PUSH

Brush Nail Expansion Bolt Co  
Greenlee Tool Co  
Miller Falls Co

#### DRIILLS, RIGHT ANGLE, ELECTRIC

Milwaukee Electric Tool Corp

#### DRIILLS, WELL

Burrupe-Erie Co  
Consolidated Industries  
Ka-Mo Tools Inc

#### DRIILLS, WOOD

Deuse (E W) Co  
Forest City Bit & Tool Co  
Graham (John H) & Co Inc  
Greenfield Tap & Die Corp  
Greenlee Tool Co  
Independent Pneumatic Tool Co  
Mall Tool Co  
Star Bit & Tool Co  
Syrinx Twist Drill Co  
Union Twist Drill Co

#### DRIVERS, & FASTENERS, CARTRIDGE ACTUATED TYPE

Mine Safety Appliances Co  
Powder Power Tool Co  
Stemco Corp

#### DRIVERS, CORRUGATED FASTENER

Saracac Machine Co

#### DRIVERS, GLAZIER'S POINT

Fletcher Terry Co  
Glazier's Tool Mfg Co  
Red Devil Tools  
Sommer & Macc Glass Machinery Co

#### DRIVERS, STEEL POST

American Steel & Wire Co  
Bridgman Steel Co  
Ceco Steel Products Co  
Keystone Steel & Wire Co  
Mid-States Steel & Wire Co  
Northwestern Steel & Wire Co  
Sreet's Steel Co

#### DRIVES, BELT V

Allis-Chalmers Mfg Co  
Broadway Rubber Mfg Co  
Black (R J) Co Inc  
Fairbanks Morse & Co  
Houston Blow Pipe & Sheet Metal Works  
Industrial Iron Works  
Link-Belt Co  
Western Foundry Co

#### DRIVES, CHAIN

Diamond Chain Co Inc  
Howell (R E) Co  
Industrial Iron Works  
Link-Belt Co  
Kawner Chain Co  
Western Foundry Co  
Wieland Co

#### DRIVERS, AIR

Aitapulgus Clay Co  
Valley Lumber Co  
Inco Chemical Co  
General Air Conditioning Corp  
Kelvinator Div Nash-Kelvinator Co  
Lansdowne & Moody  
Puritan Sales Co  
Stewart-Warner Corp  
Solray Sales Div Allied Chemical & Dye Corp  
Tamm Industries Inc  
Union Mfg & Gauge Co

#### DRIVERS, CALCIUM CHLORIDE

Columbia Chemical Div Pittsburgh Plate  
Glass Co  
Dow Chemical Co  
Solray Sales Div Allied Chemical & Dye Corp  
Tamm Industries Inc

#### DUCTS, ALUMINUM

Kaiser Aluminum & Chemical Sales Inc

#### DUCTS, HEATING NON-METALLIC

Airtemp Div Chrysler Corp  
Carey (Phillip) Mfg Co  
Johns-Manville Corp  
Universal Concrete Pipe Co Inc

#### DUCTS, SHEET METAL

Berger Mfg Co Div Republic Steel Corp  
Continental Steel Corp  
Inland Steel Products Co  
Rexnolds Metals Co Building Prod Div

#### DUMPS, ASH, FIREPLACE

Adams Co  
Allen Steel Products  
Bennett-Ireland Co  
Bostwick Steel Lath Co  
Colonial Fireplaces Co  
Copeo Steel & Engineering Co  
Covert (H W) Co  
Donley Brothers  
Gabriel Steel Co  
Heatlifter Co  
Industrial Iron Works  
Kewanee Mfg Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

**Majestic Co**  
Price-Rite Foundry Corp  
Superior Fireplace Co  
Vestal Stone Co Building Specialties Div

#### OVES, CEMENT

Pleaznek Co  
Horn (A C) Co  
Tamm Industries Inc  
Truscon Laboratories Div Devoe & Reynolds Co

#### EDGES, METAL ROOF

Alabama Metal Lath Co  
Allen Steel Products  
American Steel & Wire Co  
Berger Mfg Div Republic Steel Corp  
Carnegie-Illinois Steel Corp  
Ceco Steel Products Corp  
Continental Steel Corp  
Gary Pioneer Steel Corp  
Illinois Zinc Co  
Inland Steel Products Co  
Klauser Mfg Co  
New Holland Metals Co  
Potts-Farrington Co  
St Paul Corrugating Co  
Tennessee Coal Iron & Railroad Co  
Whelring Corrugating Co

#### EDGERS, FLOOR, SANDING

American Floor Surfacing Machine Co  
Clarke Sanding Machine Co  
Detroit Surfacing Machine Co  
Goldblatt Tool Co  
Hilger Co  
Holt Mfg Co  
Lincoln-Schubert Floor Machine Co  
Pittsburgh Plate Glass Co  
Porter Cable Machine Co  
Red Devil Tools  
Skilaw Inc

#### ELEVATORS, BATCH BIN

Baughman Mfg Co Inc  
Beemer Mfg Co  
Blaw-Knox Div Blaw-Knox Co  
Butler Bin Co  
Chain Belt Co  
Concrete Transport Mixer Co  
Fleming Mfg Co  
Gifford-Wood Co  
Johnson (C E) Co  
Link-Belt Co  
Universal Engineering Corp  
Universal Mfg Corp

#### ELEVATORS, GRAIN PORTABLE

Deere & Company  
Kewanee Machinery & Conveyor Co  
Link Mfg Co

#### ELEVATORS, HAND POWER

Barrett-Craven Co  
Energy Elevator Co  
Market Forge Co  
Sibney Elevator Mfg Co

#### ELEVATORS, RESIDENCE

Chelsea Elevator Co  
Inclinator Co of America  
Kimball Brothers Co  
Sedgwick Machine Works  
Shepard Elevator Co  
Otis Elevator Co

#### ELIMINATOR, CONDENSATION, TOILET TANK

Dudgson Distributing Co

#### ENAMEL

Arco White Lead & Color Works  
Alabastine Paint Products Div Chicago  
Browne & Color Works  
American Marietta Co  
Berry Brothers Inc  
Briggs-Moroney Co  
Burdal (A) Co  
Central Paint & Varnish Works  
Chi-Samel Paint & Varnish Co  
Commonwealth Varnish Co  
Enamel Products Co  
Fog Paint Co Inc  
Grand Paint Corp  
Grand Rapids Varnish Corp  
Leona (John) & Co  
Manry (John W) & Sons Inc  
Moore (Benjamin) Co  
Murphy Paint Div Interchemical Corp  
Peoria Paint Co Inc  
Rogers Paint Products Inc  
St Louis Surface & Paint Co  
Sunbourn (L) Sons Inc  
Standard Industrial Products Inc  
U S Gullis, Percha, Paint Co  
Valentine & Co  
Vita-Var Corp  
Wadsworth Howland & Co

#### ENAMEL, FLOOR

Boston Varnish Co  
Devoe & Reynolds Inc  
DuPont (E I) & Nemours & Co  
Elliott Paint & Varnish Co  
Gillison Co  
Hoboken White Lead & Color Works Inc  
Horn (A C) Co  
Krytome Varnish Co  
Lidbrog Corp  
Loew Brothers  
O'Brien Corp  
Falcon Products Inc  
Patterson-Sargent Co  
Pittsburgh Plate Glass Co  
Fruit & Lambert Inc  
Sargent-Gorke Co  
Seiditz Paint & Varnish Co  
Sherwin-Williams Co  
Standard Varnish Works  
Steelcase Mfg Co  
Truscon Laboratories Div Devoe & Reynolds Inc  
Voric Co  
Wilbur & Williams

#### ENCLOSURES, UNIT KITCHEN, METAL FOLDING

Orchard Brothers Inc

#### ENGINES, DIESEL

Allis-Chalmers Mfg Co  
Buda Co  
Caterpillar Tractor Co  
Cleveland Diesel Engine Div General Motors Corp  
Cummins Engine Co  
Fairbanks Morse & Co  
Hill Diesel Engine Co  
International Harvester Co  
Nordberg Mfg Co  
Waukesha Motor Co  
White Engine Works Div Oil-Well Supply Co  
Worthington Pump & Machinery Corp

#### ENGINES, GASOLINE

Allis-Chalmers Mfg Co  
Briggs & Stratton Corp  
Buda Co  
Fairbanks Morse & Co  
Fuller & Johnson Mfg Co  
Hummel Corp  
International Harvester Co  
New Engine Co  
Sallyport Motors Div Wayne Mfg Co  
Waukesha Motor Co  
White Engine Works Div Oil-Well Supply Co

#### ENTRANCES, DOOR

Burke Millwork Co  
Carr Adams & Collier Co  
Curtis Co Inc  
Farley & Loetcher Mfg Co  
Gregg & Son  
Huttig Mfg Co  
Ideal Co  
Kawneer Co  
Ponderosa Pine Woodwork  
Reach & Mower Mfg Co  
Roh Island Millwork Co  
Silbermehl (George) & Sons Co  
Spokane Sash & Door Co  
Western Pine Association

#### ENTRANCES, STORE, PACKAGED

Cenco Building Products Inc

#### ENTRANCES, STORE, METAL

Rudger Wire & Iron Works Inc  
International Steel Co  
Kawner Co  
Newman Bros Inc

#### EQUIPMENT, BARBEQUE

Adelphian Mill  
Boelter Bros  
Industrial Iron Works  
Inverzell Inc  
Majestic Co  
Master Metal Prods Inc  
Southern Barbeque Grill Co

#### EQUIPMENT, BARR

Advance Car Mover Co  
Badger Corrugating Co  
Bennett-Ireland Co  
Borg-Ewert Corp  
Butler Mfg Co  
Clay Equipment Corp  
Franklin Equipment Co  
Gardner Mfg Co  
Goshen Mfg Co  
Green Mfg Co

Hudson (H D) Mfg Co  
Hummer Mfg Co  
James Mfg Co  
Logan Co  
Louden Machinery Co  
Milwaukee Haz Tool Co  
Mitchell Mfg Co  
Miron (F E) & Brother Co  
National Mfg Co  
Noy Mfg Co  
Olson Mfg Co  
Sioux Steel Co  
Starline Inc

#### EQUIPMENT, FARM

Advance Car Mover Co  
Acrowest Fan Co  
Air Control Products Inc  
Allis Chalmers Mfg Co  
American Blower Co  
American-Loren Ventilating Co  
Appolon Mfg Co  
Aves Co  
Badger Corrugating Co  
Bastion-Blewing Co  
Beatrice Steel Tank Mfg Co  
Bell (C S) Co  
Bennett-Ireland Inc  
Beyer Bros Whiting & Co  
Brewer Mfg Co  
Buffalo Forge Co  
Busher Mfg Co  
Case (J I) Co  
Celina Mfg Co  
Century Electric Co  
Clay Equipment Co  
Cohn (E) & Sons  
Columbian Tank Co  
Continental Steel Corp  
Deere & Co  
Deustar Mill Mfg Co  
Des Moines Steel Tank Co  
Dicht Mfg Co Electrical Div Stager Mfg Co  
Edwards Mfg Co  
Electric Wheel Co  
Fairbanks Morse & Co  
Farley & Loetcher Mfg Co  
Farquhar (A B) Co  
Gebel Bros Mfg Co  
General Electric Co Air Conditioning Dept  
Goshen Mfg Co  
Guart-H Mfg Co  
Hargrove Co  
Harvey Mfg Co  
Hastings Equity Grain Bin Mfg Co  
Hemphill (A B) Co  
Hudson (H D) Mfg Co  
Ilg Electric Ventilating Co  
Inland Steel Products Co  
International Harvester Co  
James Mfg Co  
Kalspan Tank & Bilo Co  
King Company  
Klauser Mfg Co  
La Crosse Steel Roofing & Corrugating Co  
Louden Machinery Co  
Leon Cooklin & Co  
Manney Harris Co Inc  
Milwaukee Haz Tool Co  
Molton Iron Works  
Moulin Mfg Co  
Myers (F E) & Bro Co  
Noy Mfg Co  
Olson Mfg Co  
Paper Machine Co  
Patch (A B) Inc  
Peoria Electric Co  
Pittsburgh Plate Glass Co  
Quero Stone Works  
Rapid Machinery Co  
Robinson Clay Product Co  
Robinson Ventilating Co  
St Paul Corrugating Co  
Sargent-Ronny Corp  
Shaw (H C) Co  
Shenier Mfg Co  
Sioux Steel Co  
Starline Inc  
Super-Structure Inc  
Sweet (A L) Iron Works  
Swift Mfg Co  
Trumbull Electric Mfg Co  
T's Challenge Co  
Universal Blower Co  
Universal Hout & Mfg Co  
Ward (Edgar T) Co  
Westinghouse Electric Corp Electric Appliance Div  
White's (S W) Stone Inc  
Williams Mill Co Inc

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

Logan Co  
Majestic Co  
Metal Crafters Div Custone Products Co  
Meyers (Fred L) Mfg Co  
Ohio Foundry & Mfg Co  
Peoria Manufacturing Co  
Pioneer Co  
Reynolds Products Co  
Serevcraft Co  
Sheffield Manufacturing Co  
Smith (F F) Wire & Iron Works  
Smith (John F) Co  
Thermo-Rite Manufacturing Co  
Vestal Stone Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

#### EQUIPMENT, HOQ

Beatrice Steel Tank Mfg Co  
Bernal (Phillip) Co  
Brewer Mfg Co  
Celina Manufacturing Co  
Clay Equipment Corp  
Clearwater Tank Co  
Franklin Equipment Co  
Hargrove Company  
Hastings Equity Grain Bin Manufacturing Co  
Hudson (H D) Manufacturing Co  
James Manufacturing Co  
Louden Machinery Co  
Noy Manufacturing Co  
Olson Manufacturing Co  
Red Cross Manufacturing Co  
St Paul Corrugating Co  
Sioux Falls Metal Culvert Co  
Starline Inc

#### EQUIPMENT, POULTRY

Adams-Thuma Co  
Acroll Products Co, Inc  
Advance Manufacturing Co  
American Insulators Inc  
Anderson Box Co  
Baltimore Paper Box Co  
Beatrice Steel Tank Manufacturing Co  
Bromwell Wire Goods Co  
Brewer Manufacturing Co  
Case-Nature Co  
Cycloes Manufacturing Co  
Des Moines Incubator Co  
Excel Metal Cabinet Co Inc  
Exorator Stone & Manufacturing Co  
GRI-Way Homes Inc  
General Electric Co Air Conditioning Dept  
Green Lumber Co  
Harber Bilo Co  
Heiler-After Co  
Hosson (W C) Co  
Hosson (H D) Manufacturing Co  
James Manufacturing Co  
Johns-Manville Corp  
Kern Equipment Co Inc  
Kieselbont Co  
Klein Manufacturing Co  
Lancaster Mfg Co  
Leahy Mfg Co  
Lyon Rural Electric Co  
Macomb Steel Products Co  
Miller (J W) Co  
National Mfg & Stamping Co  
New Era Equipment Co  
Oakes Mfg Co  
Paragon Utilities Corp  
Pelatium Electric Incubator Co  
Perfur Products Incubator Co  
Queen Incubator Co  
Quinn Wire & Iron Works  
Reliable Incubator & Brooder Co  
Rilo Laminated Products Inc  
Rural Manufacturing Co  
St Paul Corrugating Co  
Singer (H M) Co  
Simplex Brooder Store Co  
Starline Inc  
Sue-Batch Incubator Co  
Timber Structures Inc  
Trumbull Electric Mfg Co  
Vestal Steel & Wire Co  
Vink Structures Inc  
Wahash Paper Box Co  
Western Structures Co  
White Manufacturing Co

#### ESCAPES, FIRE

Artcraft Ornamental Iron Co  
Badger Wire & Iron Works Inc  
Davy Automatic Fire Escape Co  
Grand Rapids Wire Products Co  
Logan Co  
Moshir (George L) Steel Corp  
Metal Crafters  
St Paul Foundry & Manufacturing Co  
Smith (F F) Wire & Iron Works

#### EXTINGUISHERS, FIRE

Allen (W D) Mfg Co  
American-La France Foamite Corp  
Autofly Shop Co  
Botwick Laboratories  
Elihart Brass Manufacturing Co  
Eyr-Flyer Co  
Grinnell Co  
Holtzman (E B) Co  
International Fire Equipment Corp

List of Manufacturers' Names With Complete Addresses Starts on Page D-67

Kidde (Walter) & Co  
Pyrene Manufacturing Co  
Red Tiger Products Inc  
Safety Fire Extinguisher Co  
Smith (D B) Inc

**FABRICATORS, LUMBER**

Cooperative Industries  
Timber Engineering Co  
West Coast Lumbermen's Association  
Woodall Industries Inc

**FABRIC, REINFORCING**

Forbes Steel Corp  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Trucon Steel Co

**FANS, EXHAUST, WALL & CEILING, ATTIC & KITCHEN**

Acme Equipment Co  
Aerovent Fan Co  
Air Control Products Inc  
Airmaster Corp  
Air Temperature Inc  
American Blower Corp  
American Central Mfg Corp  
American Conair Corp  
Ares Co  
Bar-Brook Mfg Co  
Broan Mfg Co Inc  
Buffalo Forge Co  
C & H Air Conditioning Fan Co  
Champion Blower & Forge Co  
Chelsea Fan & Blower Co  
Circulators & Devices Mfg Co  
Clarge Fan Co  
Coleman Co  
Dyson Electric Mfg Co  
Dr. Robinson's Fan Div American Machine & Metals Inc  
DeLoe Appliance Div General Motors Corp  
Diehl Mfg Co Electrical Div Singer Mfg Co  
Eagle Pieper Co  
Emerson Electric Mfg Co  
Fasco Industries Inc  
General Blower Co  
General Electric Co Apparatus Dept  
Hartzell Fan & Ventilating Co Inc  
Holcomb & Hoke Mfg Co  
Hudson (H D) Mfg Co  
Hunter Fan & Ventilating Co  
Ilg Electric Ventilating Co  
International Engineering Inc  
James Mfg Co  
Keece Co Inc  
Lau Blower Co  
Loerang Mfg Co  
Macdon Co  
Miami Cabinet Div Carey (Philip) Mfg Co  
National Appliance Co  
National Gas Equipment Co Inc  
Nelson (Herman) Corp  
Noy Mfg Co  
NuTone Inc  
Peerless Electric Co  
Propellair Inc  
Pyrene & Co Inc  
Reed Unit-Fans Inc  
Robbins & Myers Inc  
Russell Electric Co  
Samson-Unit-Fan Corp  
Schweizer-Cummins Co  
Shelley Mfg Co  
Shureport Engineering Co  
Signal Electric Co  
Spartan Electric Co  
Standard Electric Mfg Co  
Starline Inc  
Stewart Mfg Co  
Trade-Wind Motorfans Inc  
Trane Co  
Universal Blower Co  
Tux Ventilator Co  
Utility Appliance Corp  
Victor Electric Products Co  
Viking Air Conditioning Corp  
Wagner Electric Corp  
Westinghouse Electric Corp Electric Appliance Div  
West Wind Corp  
Winco Ventilator Co

**FANS, DRY KILN**

Bar-Brook Mfg Co  
Champion Blower & Forge Co  
Clarge Fan Co  
International Engineering  
Moore Dry Kiln Co  
Standard Dry Kiln Co  
Trane Company  
Westinghouse Electric Corp Electric Appliance Div

**FANS, PORTABLE, WINDOW VENTILATING**

Chelsea Fan & Blower Co  
Diehl Mfg Co Electrical Div Singer Mfg Co  
Emerson Electric Mfg Co  
Fasco Industries Inc  
General Blower Co  
General Electric Co Apparatus Dept  
Hartzell Propeller Fan Co Div Dextle Mills Corp  
Ilg Electric Ventilating Co  
James Mfg Co  
Lau Blower Co  
Louden Machinery Co  
Miami Cabinet Div Carey (Philip) Mfg Co  
NuTone Inc  
Peerless Electric Co  
Reed Unit-Fans Inc  
Robbins & Myers Inc  
Signal Electric Co  
Westinghouse Electric Corp Electric Appliance Div  
Winco Ventilator Co

**FANS, VENTILATING, BARN, ELECTRIC**

Allen Steel Products  
Emerson Electric Mfg Co  
General Electric Co Apparatus Dept  
Ilg Electric Ventilating Co  
James Mfg Co  
Lau Blower Co  
Ward (Edgar T) Co Inc  
Westinghouse Electric Corp

**FASTENERS, ASBESTOS, CEMENT, SIDING**

Elastic Stop Nut Corp of America  
Fisale Equipment Mfg Co  
Johns-Manville Corp  
Timmerman Products Inc  
United States Gypsum Co

**FASTENERS, CONCRETE FORM**

Getty (H S) & Co Inc  
Sommer Metallcraft Corp  
Starline Inc  
Williams Form Engineering Corp

**FASTENERS, FIBER, WALLBOARD**

Brush Nail Expansion Bolt Co  
Insulite Div Minnesota & Ontario Paper Co  
Usson Company

**FASTENERS, LATH, METAL**

Berger Mfg Div Republic Steel Corp  
Bostwick Steel Lath Co  
Coco Steel Products Co  
Goldsmith Metal Lath Co  
National Steel Products Co  
National Gypsum Co  
Penn Metal Co Inc  
Soule Steel Co  
Trucon Steel Co  
United States Gypsum Co

**FASTENERS, STEEL, CORRUGATED**

Acme Steel Co  
Independent Metal Strap Co  
Larson (Charles D) Co  
Parker-Kaloum Corp  
Signate Steel Strapping Co  
Stanley Works

**FASTENERS, WOOD JOINT**

Acme Steel Co  
Berger Mfg Div Republic Steel Corp  
Columbia Steel Co  
Donley Brothers  
Knapp & Vogt Mfg Co  
Lockwood Hardware Mfg Co  
Stanley Works  
Superior Fastener Corp  
Wright Products Co

**FEEDERS, SAW, LUMBER**

Corinth Machinery Co  
Corley Mfg Co  
Long Mfg Co  
Power Development Co Inc  
Wheland Co  
Yates-American Machine Co

**FELT, ROOFING**

Globe Roofing Products Co Inc  
Logan-Long Co  
Nelson (B F) Mfg Co

**FELT, ROOFING, ASPHALT IMPREG-NATED**

American Asphalt Roof Co  
Barrick Div Allied Chemical & Dye Corp  
Bird & Son Inc  
Carey (Philip) Mfg Co  
Flintstone Co  
Johns-Manville Corp  
Koppers Co  
Lehon Co  
Nelly Tar & Chemical Corp  
Riebrauff Co  
Ruberoid Co  
Texas Co  
United States Gypsum Co

**FENCE, BARBED WIRE**

American Steel & Wire Co  
Atlas Fence Co  
Burdette Corrugating Co  
Coco Steel Products Co  
Continental Steel Corp  
Krestone Steel & Wire Co  
Mid-States Steel & Wire Co  
Nichols Wire & Aluminum Co  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Republic Steel Corp  
Shelbyville Steel Corp  
Stewart Iron Works Co  
Tennessee Coal Iron & Railroad Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

**FENCE, CHAIN LINK**

American Chain Link Fence Co  
Atlas Fence Co

Coco Steel Products Co  
Century Fence Co  
Chain Link Fence Corp  
Cincinnati Iron Fence Co  
Colorado Fuel & Iron Corp  
Continental Steel Corp  
Copperweld Steel Co  
Cyclone Fence Div American Steel & Wire Co  
Grand Rapids Wire Products Co  
Logan Co Inc  
Mid-States Steel & Wire Co  
Nichols Wire & Aluminum Co  
Page Steel & Wire Div American Chain & Cable Co Inc  
Pittsburgh Steel Products Co  
Southern Wire & Iron Works  
Stewart Iron Works  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

**FENCE, ELECTRICALLY CHARGED**

National Metal Products Co  
Red Devil Tools  
Sampsel Time Control Inc

**FENCE, GATES, LAWN, ORNAMENTAL**

American Chain Link Fence Co  
American Steel & Wire Co  
Anchor Post Fence Div Anchor Post Products Inc  
Atlas Fence Co  
Belknap Co  
Berger Mfg Co Div Republic Steel Corp  
Bethlehem Steel Co  
Bouch (A G) & Co Inc  
Coco Steel Products Co  
Chain-Link Fence Corp  
Cincinnati Iron Fence Co  
Clay Equipment Co  
Coffman (E G) Co Inc  
Colorado Fuel & Iron Corp  
Columbia Steel Co  
Continental Steel Corp  
Cyclone Fence Div American Steel & Wire Co  
Dastis & Stahl Co  
Deator Iron & Steel Co  
Des Moines Ornamental Iron Co  
Fleming Mfg Div Falls Stamping & Welding Co  
Forbes Steel Corp  
Franklin Equipment Co  
General Bronze Corp  
Hawkins Iron Co Inc  
Hillsdale Wire & Mfg Co  
International Steel Co  
Keystone Steel & Wire Co  
Logan Co  
Metal Crafters Div Castens Products Co  
Meyers (Fred L) Mfg Co  
Mid-States Steel & Wire Co  
Nichols Wire & Aluminum Co  
Northwestern Steel & Wire Co  
Page Steel & Wire Div American Chain & Cable Co Inc  
Pittsburgh Steel Products Co  
Redwood Garden Materials Co  
Republic Steel Corp  
Samec Ornamental Iron Co  
Standard Mfg Co  
Stewart Iron Works Co Inc  
Tennessee Coal Iron & Railroad Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

**FENCE, BUSTIC**

Anchor Post Fence Div Anchor Post Products Inc  
Etlhde Co  
Fence Company of America  
Lincraft Inc  
MacGillis & Gibbs Co  
Wolfe (Harry M)  
Wood Products Co

**FENCE, SNOW**

Capitol Fence Co  
Gaynor (E S) Lumber Co  
Humboldt Fence & Supply Co  
Kinma Pine Mills Co  
Tillman Wire & Mfg Co  
Lincraft Inc  
Mattoon Wire & Mfg Co  
Nebraska Bridge Supply & Lumber Co  
Roose Mfg Co  
Security Fence & Mfg Co  
Wheler-Arnold Co

**FENCE, WIRE**

American Steel & Wire Co  
Bethlehem Steel Co  
Coco Steel Products Co  
Colorado Fuel & Iron Co  
Columbia Steel Co  
Continental Steel Corp  
Copperweld Steel Co  
Forbes Steel Corp  
Jones & Laughlin Steel Co  
Keystone Steel & Wire Co  
Mid-States Steel & Wire Co  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Republic Steel Corp  
Tennessee Coal Iron & Railroad Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

**FENCE, WOOD**

Adelphian Mill Vandyke (E A) Mfrs Agents  
Atlas Fence Co  
Bradley Lumber Co of Ark  
Cantile Fence Co  
Concord Woodworking Co  
Conover Lumber & Land Co  
Cressett Lumber Co  
Davis & Stahl Co  
Etlhde Company  
Forbes-Crescent Lumber Co  
Frost Lumber Industries Inc  
Gaynor (E S) Lumber Co  
Georgia Pacific Plywood & Lumber Co  
Hines (Edward) Lumber Co  
Hillsdale Wire & Mfg Co  
Lincraft Inc  
Long-Bell Lumber Co  
MacGillis & Gibbs Co  
Mattoon Wire & Mfg Co  
Nebraska Bridge Supply & Lumber Co  
Redwood Garden Materials Co  
Roose Mfg Co  
Silbermatt (George) & Son Co  
Southern Lumber Co  
Southern Pine Lumber Co  
Texas Fence Co  
West Coast Lumbermen's Association  
Westhamer Sales Co  
Willamette Valley Lumber Co  
Wilson (A K) Lumber Co  
Wolfe (Harry M)  
Wood Products Co

**FERTILIZER, LAWN**

Armour & Co Fertilizer Works Div  
Milwaukee Sewerage Commission  
Swift & Company  
Walker-Gordon Laboratory Co

**FILERS, SAW, BAND, CIRCULAR, ETC**

Atkins (E C) & Company  
Boice Crane Co  
Chattanooga Saw Works  
Corley Mfg Co  
Dixton (Henry) & Sons Inc  
Foley Mfg Co  
Hanchett Mfg Co  
Huther Brothers Saw Mfg Co

**FILES & RASPS**

American Seis File & Tool Co  
Atkins (E C) Company  
Chelsea File Works  
Delta File Works Inc  
Dixton (Henry) & Sons Inc  
Heller Brothers  
Hoe (R) & Company Inc  
International Twin Drill Corp  
Nelsonville File Co  
Plumb (Fayette E) Inc  
Presto Tool Co  
Red Devil Tools  
Simonds Saw & Steel Co

**FILERS, GRAD & JOINT**

Acme White Lead & Color Works  
Alabaster Paint Products Div Chicago  
Browne & Color Works  
American Varnish Co  
Armstrong Cork Co  
Blue Ridge Talc Co  
Boston Varnish Co  
Central Paint & Varnish Works  
Chicago Browne & Color Works  
Durban (Donald) Company  
Elliott Paint & Varnish Co  
Gumpstille Laboratories  
Johns-Manville Corp  
Johnston (R F) Paints Co  
Landing Products Co  
Loew Brothers  
Mistake Corp  
National Gypsum Co  
Paisley Products  
Patterson-Sargent Co  
Pittsburgh Plate Glass Co  
Prentice Engineering Co  
Reardon Co  
Reilly Tar & Chemical Corp  
Saugan Co  
Rebalk Chemical Co  
Servicized Products Corp  
Sheffield Bronze & Paint Corp  
Steeltite Mfg Co  
Stonhard Co  
Tammis Industries Inc  
Technical Supply Co  
United Glimonite Laboratories  
Wood Products Co  
X-Panels Corp

**FILERS, JOINT, SEWER PIPE**

Carey (Philip) Mfg Co  
Johns-Manville Corp  
Kast Clay Mfg Co  
Keystone Asphalt Products Co  
National Clay Pipe Mfrs Inc  
Robinson Clay Product Co  
Servicized Products Corp

**FILERS, WOOD**

Acme White Lead & Color Works  
Alabaster Paint Products Div Chicago  
Browne & Color Works  
American Varnish Co  
Berry Brothers Inc  
Bradley & Vrooman Co  
Breitling Brothers

**List of Manufacturers' Names With Complete Addresses Starts on Page D-67**

Bruce (H L) Company  
Chicago Bronze & Color Works  
Besse & Reynolds Inc  
Du Pont (E I) de Nemours & Du  
Fulter (W F) & Company  
Glidden Company  
Keystone Varnish Co  
Lowe Brothers  
O'Brien Corp  
Parlier (Ira) & Sons  
Patterson-Sargent Co  
Peaslee-Quillert Paint & Varnish Co  
Pittsburgh Plate Glass Co  
Frait & Lambert  
Reardon Co  
Sevorgan Co  
Schalk Chemical Co  
Sherwin-Williams Co  
U S Plywood Corp  
Webb Products Co  
Wilbur & Williams Co

#### FILTERS, AIR

Air Rectifiers Inc  
Orens-Corning Fiberglass Corp  
Research Products Co  
Trane Co  
Trion Inc

#### FINISHER, CONCRETE FLOOR

Jaeger Machine Co  
Walman Mfg Co

#### FINISHERS, WALLBOARD JOINT

Colozar Corp  
Certain-Ted Products Corp  
Durban (Donald) Co  
John-Manville Corp  
Marsh Wall Products Inc  
National Gypsum Co  
Reardon Co  
Schalk Chemical Co  
U S Gypsum Co  
Uson Co  
Wesco Waterplains Inc

#### FINISHES, WATERPROOF, ASPHALT

Devates Mfg Corp

#### FINISHES & SEALER, FLOOR

Abeito Mfg Corp  
Alabastine Paint Products Div Chicago  
Bruce & Color Works  
American Floor Surfacing Machine Co  
American Floorst Co Inc  
American Marietta Co  
American Varnish Co  
Borden Varnish Co  
Bruce (E L) Company  
Camp Chemical Co Inc  
Ceramal Chemical Corp  
Chapman Chemical Co  
Continental Adhesives & Refining Corp  
Cromar Co  
Flintstone Co Inc  
Franklin Research Co  
Glidden Co  
Higler Co  
Horn (A C) Company Inc  
International Chemical Co  
Johnson (S C) & Co Inc  
Minnesota Mining & Mfg Co  
Minnesota Platon Corp  
Mittle Corp  
Monstant Chemical Co  
O'Brien Corp  
Patterson-Sargent Co  
Pierce & Stevens Inc  
Pittsburgh Plate Glass Co  
Plasti-Kote Co  
Sealton Products Inc  
Sedlitz Paint & Varnish Co  
Sonneborn (L) Sons  
Standard Floor Co  
Steeleite Mfg Co  
Tamm Industries Inc  
Tremco Mfg Co  
Waterloo Div Empire Varnish Co  
Wesco Waterplains Inc  
Wethrill (Geo D) & Co  
X-Fando Corp

#### FIREPLACE, OUTDOOR & EQUIPMENT

Bennett-Ireland Inc  
Donley Brothers Co  
Griff-Craft Co  
Industrial Iron Works  
Majestic Co  
Outdoor Oven Fireplace Co  
Pierce Fireplace Heater & Tank Corp  
Silent Glow Oil Burner Corp  
Southern Barbecue Grill  
Western Foundry Co

#### FIREPLACES, UNITS, METAL

Anderson Stone Co Inc  
Bennett-Ireland Co  
Builders Fireplace & Supply Co  
Cary Industries  
Covert (H W) Co  
Donley Bros  
Gabriel Steel Co  
Hearthfire Conditioning Co  
Resilator Co  
Halettie Co  
Northwest Metal Products Inc  
Pierce Fireplace Heater & Tank Corp

Shepler Mfg Co  
Superior Fireplace Co

#### FITTINGS, ELECTRIC

Arrow Hart & Hegeman Electric Co  
Bryant Electric Co  
General Electric Co Construction Materials Dept  
Hubbell (Harvey) Inc

#### FITTINGS, PLUMBING & HEATING

American Copper & Brass Works  
American Radiator & Standard Sanitary Corp  
American Sanitary Mfg Co  
Barnes Mfg Co  
Bell & Gossett Co  
Boren (A M) Co  
Chase Brass & Copper Co  
Chicago Fasten Co  
Condill Pipe Products Co  
Crane Company  
Dart (E M) Mfg Co  
Diek Brothers Inc  
Elior Co  
General Fittings Co  
Harvey Machine Co Inc  
James Mfg Co  
Keystone Brass & Rubber Co  
Knights (James) Company  
Kohler Co  
McDonald (A V) Mfg Co  
Mueller Brass Co  
National Tube Co  
Purduehy Inlet Co  
Powell (William) Co  
Price-Plaster Brass Mfg Co  
Republic Brass Co  
Rockford Brass Works  
Seahale Co  
Sevill Mfg Co  
Sherman (H B) Mfg Co  
Speckman Co  
Trane Company  
Trenton Pipe Nipple Corp  
Universal-Bundle Corp  
Walworth Co  
Youngstown Steel Products Co

#### FIXTURES, BLACKBOARD

Austral Sales Corp

#### FIXTURES, ELECTRIC INCANDESCENT LIGHT

Bell Electric Company  
Benjamin Electric Mfg Co  
Bryant Electric Co  
Curtis Lighting Inc  
Farris Mfg Co  
Frink Corp  
Guth (Edwin F) Co  
Glasco Inc  
Globe Lighting Products Inc  
Holophane Co Inc  
Home-Traft Electronic Products  
Kirtin Co  
Kraus (Walter B) Co  
Lighthouse Co  
Market Electric Products Co  
Metallic Arts of New England Inc  
Miller Co  
New Brothers Mfg Co  
No-Ray Products Inc  
Old Gold Forge  
Pass & Seymour Inc  
Pryce & Co Inc  
Prie-National Co  
Rmoel-Holman Co  
Superior Plastics Div Commonwealth Plastic Inc  
Sylvania Electric Products Inc  
Technical Glass Co Inc  
Tuttle & Bailey  
Westinghouse Electric Corp

#### FIXTURES, FLUORESCENT

Albee Mfg Co  
Benjamin Electric Co  
Cuples Co  
Curtis Lighting Inc  
Eagle Electric Mfg Co Inc  
Flex-O-Lite Co  
Fluorevac Fabricators Div Easy-Eye Light-  
ing Inc  
Frink Corp  
General Electric Co Apparatus Dept  
Guth (Edwin F) Co  
Ingram-Richardson Mfg Co  
Lichtoller Co  
Long (W H) Co  
Metalcraft Co  
Miami Cabinet Div Carey (Phillip) Mfg Co  
Modern Light & Equipment Co  
No-Ray Products Inc  
Smithair Lighting Div  
Superior Plastics Div Commonwealth Plastic Inc  
Sylvania Electric Products Inc  
Westinghouse Electric Corp  
Wooler Reflector Co  
Wiley (R & W) Corp

#### FIXTURES, PLUMBING

Abington Pottery  
Alliance Ware Inc  
American Radiator & Standard Sanitary Corp  
American Sanitary Mfg Co

Brown Pottery Co  
Briggs Mfg Co  
Camden Pottery Div Universal-Bundle Corp  
Case (W A) & Son Mfg Co  
Chicago Pottery Co  
Clow (James H) & Sons  
Crane Company  
Douglas (John) Co  
Elior Co  
General Ceramics & Sealite Corp Sanitary  
Ware Div  
Hajera Corp  
Humphreys Mfg Co  
Kohler Co  
Kokomo Sanitary Pottery Co  
Manfield Sanitary Pottery Co  
McDonald (A V) Mfg Co  
Milwaukee Flush Valve Co  
Mulline Mfg Co  
Price-Plaster Brass Mfg Co  
Repsel Brass Mfg Co  
Richardson Radiator Co  
Robinson Clay Product Co  
Schubbe Co  
Sherman (H B) Mfg Co  
Shoeb & Co Inc  
Speckman Co  
Trenton Pottery Co  
U S Sanitary Mfg Co  
Universal-Bundle Corp  
Universal Sanitary Mfg Co  
Wilmington Casting Co  
Eum (J A) Mfg Co

#### FIXTURES, SHARPENING

Trevo Products

#### FIXTURES, SHOWER

American Brass Mfg Co  
Crane Company  
Elior Co  
Flat Metal Mfg Co  
Milwaukee Flush Valve Co  
Muller Co  
Price-Plaster Brass Mfg Co  
Sanitary-Dash Co  
Sevill Mfg Co  
Speckman Co

#### FIXTURES, STORE LIGHTING

Garden City Fixing & Mfg Co  
General Electric Company Apparatus Dept  
Mitchell Mfg Co  
Bretviller Co  
Sylvania Electric Products Inc  
Westinghouse Electric Corp

#### FIXTURES & MATERIALS, STORE DISPLAY

Abeido Displays  
A B C Cabinet Fixture Works  
Adler-Jones Co  
Allied Display Materials  
American Fixture & Mfg Company  
American Plywood Corp  
Ams (W B) Company  
Barnes Mfg Co  
Berger Mfg Co Div Republic Steel Corp  
Bill-Jax Co  
Brewer-Titchener Corp  
Chicago Card Holder Co  
Colgate Mfg Corp  
Columbus Show Case Co  
Commonwealth Plastics Inc Superior Plastics  
Div  
Detroit Show Case Co  
Display Craft  
Formica Insulation Co  
Empire Die Aurora Equipment Co  
Fuller Displays Inc  
Pulton Glass Co  
Garden City Fixing & Mfg Company  
Garrison-Wagner Printing Co  
General Die & Stamping Co  
Grand Rapids Show Equipment Co  
Hamden Mfg Co Inc  
Heller (W C) & Co  
Hirsch (S A) Mfg Co  
Interlock Metal Units Inc  
Johnston Glass Co  
Ken-In-Bill Corp  
Knappe & Vogt Mfg Co  
Lithcrafters Inc  
Long-Bell Lumber Co  
Lons Metal Products Co  
May-Bill Inc  
Metal Displays Co of Chicago  
Multiplier Display Fixture Co  
National Sawdust Co  
Brendon Co  
Red Devil Tools  
Reeves (Harum E) Co  
Reflector Hardware Corp  
Seiberer Creations Inc  
Schwartz Showel Corp  
Rimples Store Equipment Inc  
Sika Storage Lumber & Mfg Co  
Stanford Wood Products Co  
Stensgaard (W L) & Associates Inc  
Stillwater Mfg Co  
Store Engineering Co  
Stone Kraft Mfg Co  
Technical Glass Co  
Timberstone Decorative Co  
Universal Equipment Co  
Wadell Company Inc  
Warner Mfg Co  
Warren (J D) Mfg Co

#### FLAGSTONES

Caroline Flagstone Co  
Ergerson Slate Co Inc  
Landscape Slate & Roofing Co Inc  
Tennessee Stone Company Inc

#### FLANGES, FLUE

Adams Co  
Chattanooga Implement & Mfg Co  
Columbia Pipe Co  
Ezans Pipe Co

#### FLASHING, ALUMINUM

Central Products Co  
New Holland Metals Co  
Nichols Wire & Abrum Co Inc  
Reynolds Metals Co Building Products Div

#### FLASHING, COPPER

American Brass Co  
Angier Corp  
Barrett Div Allied Chemical & Dry Corp  
Coco Steel Products Co  
Central Products Co  
Chase Brass & Copper Co  
Honey (C O) Co  
Indiana Steel Products Co  
Brewer Copper & Brass Co  
St Paul Corrugating Co  
Sheelcraft Co  
Wesco Flashing Co

#### FLASHING, LEAD

National Lead Co

#### FLASHING, METAL, GALVANIZED

Allen Steel Products  
American Steel & Wire Co  
Berger Mfg Div Republic Steel Corp  
Carnegie-Illinois Steel Co  
Coco Steel Products Co  
Cheney Industries  
Continental Steel Corp  
Edwards Mfg Co  
Flintstone Co Inc  
Gary-Pioneer Steel Corp  
Hilsons Zinc Co  
Island Steel Products Co  
Metal Tile Products Inc  
Mid-States Steel & Wire Co  
Northwest Metal Products Inc  
Penn Supply & Metal Corp  
St Paul Corrugating Co  
Sealton Products Inc  
Wheeling Corrugating Co

#### FLASHING, PAPER TREATED

Angier Corporation  
Carey (Phillip) Mfg Co  
John-Manville Corp  
Lehon Co  
Mittle Corp  
Protective Papers Inc  
Richkraft Co  
Rubroid Co  
St Paul Corrugating Co  
Sheelcraft Co

#### FLOATS, CONCRETE VIBRATING

Struton Co

#### FLOATS, TANK

American Sanitary Mfg Co  
Spring & Reicher Co  
Sevill Mfg Co  
Williams-Bowman Rubber Co

#### FLOORING, BASEWOOD LAMINATED

Woodcraft Industries Inc

#### FLOORING, BLOCK

Bruce (E L) Co  
Cincinnati Floor Co  
Higgins Inc

#### FLOORING, COMPOSITE, CEMENT

Oxychloride Cement Association Inc

#### FLOORING, COBK

Kentile Inc

#### FLOORING, FIN

Giustina Bros Lumber Co  
Hines (Edward) Lumber Co  
Long-Bell Lumber Co  
Oregon-American Lumber Corp  
Robinson Mfg Co  
Silbergaard (George J) & Sons Co  
West Coast Lumbermen's Association  
Weyerhaeuser Sales Co

#### FLOORING, HARDWOOD, BEECH

Anderson-Tully Co  
Arkansas Oak Flooring Co  
Atlanta Oak Flooring Co  
Babcock Lumber Co  
Bradley Lumber Co of Ark  
Bruce (E L) Co  
Central Oak Products Co  
Clarke County Lumber Mills  
Colonial Hardwood Flooring Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

Cotton & Hanlon  
Crossett Lumber Co  
Dalley Flooring Corp  
Emporium Forestry Co  
Evans Hardwood Flooring Co  
Fair (D L) Lumber Co  
Farrin (M B) Lumber Co  
Fordyce-Crossett Lumber Co  
Frost Hardwood Floors Inc  
Frost Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Harris Mfg Co  
Holt Hardwood Co  
Kenova Hardwood Flooring Co  
Kerry & Hanson Flooring Co  
Leathers (A H) Mfg Co  
McKinville Mfg Co  
Meadow River Lumber Co  
Memphis Hardwood Flooring Co  
Meritt Oak Flooring Co  
Miller Brothers Co  
Mobile River Saw Mill Co  
Monterey Hardwood Flooring Co  
Mower Lumber Co  
Nickey Brothers Inc  
Owen (R C) Co  
Parnell Lumber Co  
Phillips-Rhyme Lumber Co  
Robbins Flooring Co  
Rose (D M) & Co  
Southern Lumber Co  
Southern Pine & Lumber Co  
Stuart Lumber Corp  
Tribbals Flooring Co  
Virginia Oak Flooring Co  
Webster (H E) Lumber Co  
Wells (J W) Lumber Co  
Williams & Yorin Lumber Co  
Wood-Mosaic Co Inc  
Tawley-Bissell Lumber Corp

#### FLOORING HARDWOOD, BIRCH

Atlanta Oak Flooring Co  
Babeck Lumber Co  
Clarke County Lumber Mills  
Connor Lumber & Land Co  
Cotton & Hanlon  
Dalley Flooring Corp  
Emporium Forestry Co  
Farrin (M B) Lumber Co  
Georgia-Pacific Plywood & Lumber Co  
Holt Hardwood Co  
Meadow River Lumber Co  
Miller Brothers Co  
Mower Lumber Co  
Nickey Brothers Inc  
Phillips-Rhyme Lumber Co  
Robbins Flooring Co  
Schreiber (William C) Lumber Co  
Virginia Oak Flooring Co  
Wells (J W) Lumber Co  
Wood-Mosaic Company Inc

#### FLOORING HARDWOOD, CYPRESS

Atlanta Oak Flooring Co  
Barger (P M) Lumber Co  
Barnes Lumber Corp  
Bradley Lumber Co of Ark  
Cook (A B) Co  
Fordyce-Crossett Lumber Co  
Frost Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Hallett Mfg Co  
Nickey Brothers Inc  
Southern Pine Lumber Co

#### FLOORING HARDWOOD, FIBER

Roe Wood Flooring Inc

#### FLOORING HARDWOOD, GUM

Barger (P M) Lumber Co  
Barnes Lumber Corp  
Clarke County Lumber Mills  
Cook (A B) Co  
Cotton & Hanlon  
Fair (D L) Lumber Co  
Farrin (M B) Lumber Co  
Ferguson (W T) Lumber Co  
Frost Hardwood Floors Inc  
Frost Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Hallett Manufacturing Co  
Higgins Inc  
Lightner Brothers  
Owen (R C) Co  
Southern Lumber Co

#### FLOORING HARDWOOD, MAPLE

Atlanta Oak Flooring Co  
Babeck Lumber Co  
Barger (P M) Lumber Co  
Bruce (E L) Co  
Carr Lumber Co  
Central Oak Products Co  
Clarke County Lumber Mills  
Colonial Hardwood Flooring Co  
Connor Lumber & Land Co  
Cook (F C) & Co  
Cotton & Hanlon  
Dalley Flooring Corp  
Emporium Forestry Co  
Evans Hardwood Flooring Co  
Farrin (M B) Co  
Ferguson (W T) Lumber Co  
Georgia-Pacific Plywood & Lumber Co  
Harris Mfg Co  
Hines (Edward) Lumber Co  
Holt Hardwood Co  
Kerry & Hanson Flooring Co  
Lightner Brothers  
Maple Flooring Mfrs Association  
Marsh Lumber Co

McKinville Mfg Co  
Miller Brothers Co  
Monterey Hardwood Flooring Co  
Mower Lumber Co  
National Oak Flooring Mfrs Association  
Nichols & Cox Lumber Co  
Nickey Brothers Inc  
North Branch Flooring Co  
Owen (R C) Co  
Phillips-Rhyme Lumber Co  
Robbins Flooring Co  
Rose (D M) & Co  
Schreiber (William C) Lumber Co  
Scottdale Wood Products Inc  
Silbernagel (George J) & Sons Co  
Stuart Lumber Corp  
Tribbals Flooring Co  
Twin City Hardwood Lumber Co  
Virginia Oak Flooring Co  
Webster (H E) Lumber Co  
Wells (J W) Lumber Co  
Wells (J W) Lumber Co of Ala  
Williams & Yorin Lumber Co  
Wood-Mosaic Co Inc

#### FLOORING HARDWOOD, OAK

Anderson-Tully Co  
Arkansas Oak Flooring Co  
Atlanta Oak Flooring Co  
Atlantic Lumber Co  
Babeck Lumber Co  
Barger (P M) Lumber Co  
Barnes Lumber Corp  
Boynton Mfg Co  
Bradley Lumber Co of Ark  
Bruce (E L) Co  
Carpenter Oak Flooring Co  
Carr Lumber Co  
Central Oak Products Co  
Chapman & Dewey Lumber Co  
Clarke County Lumber Mills  
Cloud Oak Flooring Co  
Colonial Hardwood Flooring Co  
Connor Lumber & Land Co  
Cook (F C) & Co  
Cotton & Hanlon  
Cromar Co  
Crossett Lumber Co  
Dalley Flooring Corp  
De Soto Hardwood Flooring Co  
Dierks Lumber & Coal Co  
Emporium Forestry Co  
Evans Hardwood Flooring Co  
Exchange Sawmill Sales Co  
Fair (D L) Lumber Co  
Farrin (M B) Lumber Co  
Ferguson (W T) Lumber Co  
Fordyce-Crossett Lumber Co  
Frost Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Graybeal (C B) & Sons  
Green Lumber Co  
Hallett Mfg Co  
Harris Mfg Co  
Higgins Inc  
Holt Hardwood Co  
Hurtubaro Oak Flooring Co Inc  
Industrial Lumber Co  
Kirby Lumber Corp  
Lascaudier Corp  
Lanham Hardwood Flooring Co  
Leathers (A H) Mfg Co  
Lightner Brothers  
Long-Bell Lumber Co  
Marsh Lumber Co  
McKinville Mfg Co  
Meadow River Lumber Co  
Memphis Hardwood Flooring Co  
Meritt Oak Flooring Co  
Miller & Co Inc  
Miller Brothers Co  
Mobile River Saw Mill Co  
Monterey Hardwood Flooring Co  
Mower Lumber Co  
National Oak Flooring Mfrs Association  
Newcastle Industries  
Nichols & Cox Lumber Co  
Nickey Brothers Inc  
North Branch Flooring Co  
Owen (R C) Co  
Orate Oak Flooring Co  
Parnell Lumber Co  
Phillips-Rhyme Lumber Co  
Robbins Flooring Co  
Rose (D M) & Co  
Schreiber (William C) Lumber Co  
Scottdale Wood Products Inc  
Silbernagel (George J) & Sons Co  
Southern Lumber Co  
Southern Pine Lumber Co  
Stewart (E A) Lumber Co  
Stowers Lumber & Mfg Co  
Stuart Lumber Corp  
Tribbals Flooring Co  
Twin City Hardwood Lumber Co  
Virginia Oak Flooring Co  
Webster (H E) Lumber Co  
Wells (J W) Lumber Co  
Wells (J W) Lumber Co of Ala  
Williams & Yorin Lumber Co  
Wood-Mosaic Co Inc

#### FLOORING HARDWOOD, PINE

Anderson-Tully Co  
Arkansas Oak Flooring Co  
Atlanta Oak Flooring Co  
Atlantic Lumber Co  
Babeck Lumber Co  
Barger (P M) Lumber Co  
Barnes Lumber Corp  
Boynton Mfg Co  
Bradley Lumber Co of Ark  
Bruce (E L) Co  
Carpenter Oak Flooring Co  
Carr Lumber Co  
Central Oak Products Co  
Chapman & Dewey Lumber Co  
Clarke County Lumber Mills  
Cloud Oak Flooring Co  
Colonial Hardwood Flooring Co  
Connor Lumber & Land Co  
Cook (F C) & Co  
Cotton & Hanlon  
Cromar Co  
Crossett Lumber Co  
Dalley Flooring Corp  
De Soto Hardwood Flooring Co  
Dierks Lumber & Coal Co  
Emporium Forestry Co  
Evans Hardwood Flooring Co  
Exchange Sawmill Sales Co  
Fair (D L) Lumber Co  
Farrin (M B) Lumber Co  
Ferguson (W T) Lumber Co  
Fordyce-Crossett Lumber Co  
Frost Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Graybeal (C B) & Sons  
Green Lumber Co  
Hallett Mfg Co  
Harris Mfg Co  
Higgins Inc  
Holt Hardwood Co  
Hurtubaro Oak Flooring Co Inc  
Industrial Lumber Co  
Kirby Lumber Corp  
Lascaudier Corp  
Lanham Hardwood Flooring Co  
Leathers (A H) Mfg Co  
Lightner Brothers  
Long-Bell Lumber Co  
Marsh Lumber Co  
McKinville Mfg Co  
Meadow River Lumber Co  
Memphis Hardwood Flooring Co  
Meritt Oak Flooring Co  
Miller & Co Inc  
Miller Brothers Co  
Mobile River Saw Mill Co  
Monterey Hardwood Flooring Co  
Mower Lumber Co  
National Oak Flooring Mfrs Association  
Newcastle Industries  
Nichols & Cox Lumber Co  
Nickey Brothers Inc  
North Branch Flooring Co  
Owen (R C) Co  
Orate Oak Flooring Co  
Parnell Lumber Co  
Phillips-Rhyme Lumber Co  
Robbins Flooring Co  
Rose (D M) & Co  
Schreiber (William C) Lumber Co  
Scottdale Wood Products Inc  
Silbernagel (George J) & Sons Co  
Southern Lumber Co  
Southern Pine Lumber Co  
Stewart (E A) Lumber Co  
Stowers Lumber & Mfg Co  
Stuart Lumber Corp  
Tribbals Flooring Co  
Twin City Hardwood Lumber Co  
Virginia Oak Flooring Co  
Webster (H E) Lumber Co  
Wells (J W) Lumber Co  
Wells (J W) Lumber Co of Ala  
Williams & Yorin Lumber Co  
Wood-Mosaic Co Inc

#### FLOORING HARDWOOD, PECAN

Anderson-Tully Co  
Arkansas Oak Flooring Co  
Bradley Lumber Co of Ark  
Bruce (E L) Co  
Clarke County Lumber Mills  
Fordyce-Crossett Lumber Co  
Frost Lumber Industries Inc

Georgia-Pacific Plywood & Lumber Co  
Hallett Mfg Co  
Industrial Lumber Co  
Meadow River Lumber Co  
Memphis Hardwood Flooring Co  
Miller & Co Inc  
Mobile River Saw Mill Co  
National Oak Flooring Mfrs Association  
Nickey Brothers Inc  
Owen (R C) Co  
Phillips-Rhyme Lumber Co  
Silbernagel (George J) & Sons Co  
Southern Lumber Co  
Southern Pine Lumber Co  
Twin City Hardwood Lumber Co

#### FLOORING, HARDWOOD, PINE

Anderson-Tully Co  
Babeck Lumber Co  
Barnes Lumber Corp  
Barger (P M) Lumber Co  
Bradley Lumber Co of Ark  
Bruce (E L) Co  
Clarke County Lumber Mills  
Colonial Hardwood Flooring Co  
Cotton & Hanlon  
Dierks Lumber & Coal Co  
Emporium Forestry Co  
Exchange Sawmill Sales Co  
Fair (D L) Lumber Co  
Ferguson (W T) Lumber Co  
Fordyce-Crossett Lumber Co  
Frost Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Green Lumber Co  
Hallett Mfg Co  
Kirby Lumber Corp  
Lightner Brothers  
Long-Bell Lumber Co  
Miller & Co Inc  
Phillips-Rhyme Lumber Co  
Scott Lumber Co  
Silbernagel (George J) & Sons Co  
Southern Lumber Co  
Southern Pine Lumber Co

#### FLOORING, HARDWOOD, PRE-FINISHED

Bradley Lumber Co of Ark  
Bruce (E L) Co  
Cincinnati Floor Co  
Fair (D L) Lumber Co  
Higgins Inc  
Memphis Oak Flooring Co  
Southern Lumber Co

#### FLOORING, HERRINGBONE

Cincinnati Floor Co

#### FLOORING, PARQUETRY

Anchor Lumber Co  
Barger (P M) Lumber Co  
Bradley Lumber Co  
Bruce (E L) Co  
Connor Lumber & Land Co  
Fair (D L) Lumber Co  
Farrin (M B) Lumber Co  
Harris Mfg Co  
Haskette Mfg Corp  
National Oak Flooring Mfrs Association  
Pattin (Frank) Lumber Co  
Pearson Hardwood Flooring Co  
Robbins Flooring Co  
Silbernagel (George J) & Sons Co  
Stuart Lumber Corp  
Twin City Hardwood Lumber Co  
Virginia Oak Flooring Co  
Wood-Mosaic Co

#### FLOORING, PLANK

Bradley Lumber Co of Ark  
Bruce (E L) Co  
Cincinnati Floor Co  
Fair (D L) Lumber Co  
Nickey Brothers Inc

#### FLOORING, RUBBER

Armstrong Cork Co  
Fremont Rubber Co  
Goodrich (E F) Co  
Johnson Industries Inc  
Roadside Building Products Corp  
Service Products Corp  
U S Rubber Co

#### FLOORING, STEEL

Armed Drainage & Metal Products Inc  
Blaw-Knox Div Blaw-Knox Co  
Carnegie-Illinois Steel Corp  
Ferguson Building Products  
Inland Steel Co  
International Steel Co  
Jones & Laughlin Steel Co  
Mahon (R C) Co  
Wheeling Corrugating Co

#### FLOORING, SUB-COMPOSITE

Barrett Div Allied Chemical & Dye Corp  
Kilman Floor Co Inc

FLOORS & CEILINGS, PRE-CAST, CON-  
CRETE UNIT  
Alabama Cement Tile Co  
Brookers Co Inc  
Permacrete Products Corp  
Price Brothers Co  
Frieze Mfg Co

#### FLUES, ASBESTOS-CEMENT

Cary (Phillip) Mfg Co  
Johnson-Bausville Corp

#### FLUES & CHIMNEYS PREFABRICATED

American Vitrified Products Co  
Chimney Sales Co  
Consolidation Engineering Corp  
Houston Blow Pipe & Sheet Metal Works  
Majestic Co  
Southern States Iron Roofing Co  
Van Packer Corp  
Williams-Wallace Co

#### FLUX, SOLDERING

American Varnish Co  
Balsam Smelting & Refining Works  
Du Pont (E I) de Nemours & Co  
Eagle-Picher Co  
Esler Chemical Co  
Wayne Chemical Products Co

#### FORMS, CONCRETE

Adaplo Inc  
Art Concrete Works  
Besser Mfg Co  
Building Concrete Forms Inc  
Colorcrete Industries Inc  
Commercial Shearing & Stamping Inc  
Des Lauriers Column Mould Co  
Economy Mfg Co  
Fir-Tex Insulating Board Co  
Goldsmith Metal Lath Co  
Heltzel Steel Form & Iron Co  
Irrigation Form & Tank Co  
Keystone Asphalt Products Co  
Mannite Corp  
Mechs Products Co  
Modus Portland Cement Co  
Multiplex Concrete Machinery Corp  
Quinn Wire & Iron Works  
Sensen Products Co  
Syrmons Plank & Mfg Co  
Universal Form Clamp Co  
Kendler Concrete Products Machinery Co

#### FORMS, KEY

Buffalo Products Inc

#### FORMS, SILO

Universal Form Clamp Co

#### FOUNTAINS, DRINKING

American Radiator & Standard Sanitary Corp  
Haws Drinking Faucet Co  
Tayler (Haber) W Co

#### FRAMES, DOOR & WINDOW, METAL

Aetna Steel Products Corp  
Aluminum Window Corp  
American Welding & Mfg Co  
Eagle (William) Co  
Brasco Mfg Co  
Ceco Steel Products Co  
Clark-Rabbit Industries Inc  
Compo-Miracle Products Co  
Critical Inc  
Deodar Iron & Steel Co  
Diebold Co Inc  
Fenster Building Products  
International Steel Co  
Knap Brothers Mfg Co  
Mehler Brothers Iron Co  
Metal Crafters Div Cantone Products Co  
National Salameter Co Inc  
Richardson Pipefitter Door Co  
Richards-Wilcox Mfg Co  
Pittsburgh Plate Glass Co  
Soule Steel Co  
Stoverly Mfg Co  
Steering Windows Inc  
Trucon Steel Co  
United Steel Fabricators Inc  
Virginia Metal Products Co  
V-Seal Corp  
Wessel Mfg Co  
Wollinger Steel Corp

#### FRAMES, DOOR, WOOD

American Sash & Door Co  
Anderson Corp  
Bradley Lumber Co of Ark  
Riley-Coleman Lumber Co Inc  
Burtie Millwork Co  
Carr Adams & Collier Co  
Cole Mfg Co  
Curtis Co Inc  
Deer Park Pine Industry Inc  
Dierks Lumber & Coal Co  
Fisher & Lusketer Mfg Co  
Fir Door Institute  
Fordyce-Crossett Lumber Co  
General Panel Corp  
Gregg & Son  
Hoener Sash & Door Co  
Huttig Mfg Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

Huttig Sash & Door Co  
Hyde-Murphy Co  
Ideal Co  
Kawneer Co  
Kinsas Pine Mills Co  
Long-Bell Lumber Co  
Malta Mfg Co  
Marquart Millwork Co  
Millwork Distributors  
Morgan Co  
Morgan Sash & Door Co  
National Screen Door Co  
Pacific Mutual Door Co  
Penderosa Pine Woodwork  
Roach & Muser Mfg Co  
Rock Island Millwork Co  
Roddie Plywood Corp  
Silbernagel (George J.) & Sons Co  
Southern Lumber Co  
Spokane Pine Products Co  
Washington Mfg Co  
West Coast Lumbermen's Association  
Western Pine Association  
Weyerhaeuser Sales Co  
Wheeler-Osgood Co

#### FRAMES, METAL FOR STRUCTURAL GLASS

Brasco Mfg Co  
Dunning & Hunt Inc  
Kawneer Co  
Pittsburgh Plate Glass Co  
Sterling Windows Inc

#### FRAMES, GINK WELL

Briggs Mfg Co  
E & T Metals Co  
Decorite Inc  
Solex (Walter E.) & Co  
Trinidade Inc  
Youngstown Mfg Inc

#### FRAMES, WINDOW, WOOD

Anderson Corp  
Burke Millwork Co  
Carr Adams & Collier Co  
Clay Equipment Corp  
Cole Mfg Co  
Curtis Co Inc  
Front Lumber Industries Inc  
Graig & Son Inc  
Hines (Edward) Lumber Co  
Huttig Mfg Co  
Hyde-Murphy Co  
Ideal Co  
Long-Bell Lumber Co  
Malta Mfg Co  
Penderosa Pine Woodwork  
Roach & Muser Co  
Rock Island Millwork Co  
Silbernagel (George J.) & Sons Co  
Spokane Sash & Door Co  
West Coast Lumbermen's Association  
Western Pine Association  
Weyerhaeuser Sales Co  
Wheeler-Osgood Co  
White Pine Sash Co

#### FRAMING, STEEL

Brasco Mfg Co  
Decatur Iron & Steel Co  
Pries & Son  
Inland Steel Products Co  
International Steel Co  
Jones & Laughlin Steel Corp  
Laclede Steel Co  
Macomber Inc  
Muelker (George L.) Steel Corp  
National Gypsum Co  
Penn Metal Co Inc  
Republie Steel Corp  
Soudle Steel Co  
Southern Wire & Iron Works  
Stran Steel Div Great Lakes Steel Corp  
Trescott Steel Co  
Trust Products Co  
United Steel Fabricators Inc  
Wheeling Corrugating Co

#### FRONTS, STORE

Brasco Mfg Co  
Compo-Miracle Products Co  
Fenlon Steel Works Inc  
General Bronze Corp  
General Porcelain Enameling & Mfg Co  
Ingram-Richardson Mfg Co  
Kawneer Co  
Libbey-Owens Ford Glass Co  
Natorc Inc  
Newman Brothers Inc  
Parker (O.) Hardware Mfg Co  
Pennsylvania Wire Glass Co  
Pittsburgh Plate Glass Co  
Rohm & Haas Co  
Wolverine Porcelain Enameling Co

#### FUNGICIDES

American Cyanamid Co  
California Spray-Chemical Corp  
Central Chemical Corp  
Dow Chemical Co  
General Chemical Div Allied Chemical & Dye Corp  
Grassell Chemical Dept Du Pont (E I) Co  
Newmont & Co Inc  
Hammond Paint & Chemical Co  
Monsanto Chemical Co  
Pittsburgh Plate Glass Co  
Rohm & Haas Co  
Sherwin-Williams Co  
Wood-Treating Chemicals Co

#### FURNACES, GRIMNEY

Airtemp Div Chrysler Corp  
Majestic Co

#### FURNACES, COAL

Airtemp Div Chrysler Corp  
American Radiator & Standard Sanitary Corp  
Anchor Div Stratton & Terstange Co Inc  
Clayton & Lambert Mfg Co  
Conco Engineering Works Div Conkey (H D) Co  
Crane Company  
Dowagiac Steel Furnace Co  
Excelsior Stove & Mfg Co  
Henry Furnace Co  
Holland Furnace Co  
Homer Furnace & Foundry Corp  
International Heater Co  
Leake Stove Co  
Iron Fireman Co  
Lennox Furnace Co  
Majestic Co  
Muelker (L J) Furnace Co  
Meyer Furnace Co  
National Coal Association  
Norge Heat Div Borg-Warner Corp  
Olix Co  
Olson (C A) Mfg Co  
Rybolt Heater Co  
Thatcher Furnace Co  
Waterman-Waterbury Co  
Wayne Home Equipment Co  
Wheeling Furnace Corp

#### FURNACES, CONVERTIBLE, COAL, OIL, OR GAS

American Foundry & Furnace Co  
Norman Products Co

#### FURNACES, FLOOR

Airtemp Div Chrysler Corp  
American Radiator & Standard Sanitary Corp  
Bryant Heater Div Affiliated Gas Equipment Inc  
Cole Hot Blast Mfg Co  
Coleman Co Inc  
Empire Stove Co  
Estate Stove Co Div Noma Electric Co  
Excelsior Stove & Mfg Co  
Evans Products Co  
Gillen (J L) Co  
Hess Warming & Ventilating Co  
Helly Mfg Co  
Hotstream Heater Co  
International Oil Burner Co  
Kresky Mfg Co  
Lennox Furnace Co  
Little (H C) Burner Co  
Loeragan Mfg Co  
Majestic Co  
Norge Heat Div Borg-Warner Corp  
Northern Metal Products Inc  
Olix Co  
Payne Furnace Co  
Perfection Stove Co  
Pioneer Co  
Premier Furnace Co  
Frontline Water Products Co  
Queen Stove Works  
Rheem Mfg Co  
Round Oak Co  
Rudy Furnace Co  
Surface Combustion Corp  
Temo Inc  
Tennessee Enamel Mfg Co  
U S Machine Corp  
Utility Appliance Corp  
Viking Mfg Co  
Wayne Home Equipment Co

#### FURNACES, FORCED AIR

Bard Mfg Co  
Cleveland Steel Products Co Torifield Div  
Conco Engineering Works Div Conkey (H D) Co  
Evans Products Co  
Henderson Furnace & Mfg Co  
Homer Furnace & Foundry Corp  
International Heater Co  
International Oil Burner Co  
Lennox Furnace Co  
Olson (C A) Mfg Co  
Rybolt Heater Co  
Utility Appliance Corp

#### FURNACES, GAS FIRED

Airtemp Div Chrysler Corp  
American Gas Association  
American Foundry & Furnace Co  
American Radiator & Standard Sanitary Corp  
Bard Mfg Co  
Bryant Heater Div Affiliated Gas Equipment Inc  
Clayton & Lambert Mfg Co  
Cleveland Steel Products Co Torifield Div  
Coleman Co Inc  
Conco Engineering Works Div Conkey (H D) Co  
Dowagiac Steel Furnace Co  
Dun-Therm Div Motor Wheel Corp  
Meyer Furnace Co  
General Electric Co Air Conditioning Dept  
Heli Company  
Henderson Furnace & Mfg Co  
Henry Furnace Co  
Holland Furnace Co

#### Homer Furnace & Foundry Corp

International Oil Burner Co  
Ko-2-Air Inc  
Kresky Mfg Co  
Majestic Co  
Muelker (L J) Furnace Co  
Norge Heat Div Borg-Warner Corp  
Norman Products Co  
Payne Furnace & Supply Co  
Perfection Stove Co  
Queen Stove Works  
Richmond Radiator Co  
Scott-Newcomb Inc  
Steel City Furnace Co  
Surface Combustion Corp  
Tatshcher Furnace Co  
Waterman-Waterbury Co  
Wayne Home Equipment Co  
Williamson Heater Co

#### FURNACES, OIL FIRED

Aeroll Products Inc  
American Foundry & Furnace Co  
American Gas Machine Co  
American Radiator & Standard Sanitary Corp  
Bard Mfg Co  
Conco Engineering Works Div Conkey (H D) Co  
Delen Appliance Div General Motors Corp  
Dowagiac Steel Furnace Co  
Dun-Therm Div Motor Wheel Corp  
Evans Products Co  
Fluid Heat Div Anchor Post Products Inc  
General Electric Co Air Conditioning Dept  
Gilbert & Barber Mfg Co  
Gillen (J L) Co  
Hart Oil Burner Div Avery Farm Machinery Co  
Heli Company  
Henry Furnace Co  
Homer Furnace & Foundry Corp  
International Heater Co  
International Oil Burner Co  
Ko-2-Air Inc  
Kresky Mfg Co  
Little (H C) Burner Co  
Majestic Co  
Muelker (L J) Furnace Co  
National Airtrol Burner Co  
Norge Heat Div Borg-Warner Corp  
Perfection Stove Co  
Petroleum Heat & Power Co  
Scott-Newcomb Inc  
Tatshcher Furnace Co  
Waterman-Waterbury Co  
Wayne Home Equipment Co  
York-Shapiro Inc

#### FURNACES, PLUMBERS' & TINNERS'

Aeroll Products Co Inc  
Anchor Div Stratton & Terstange Co Inc  
Cedarberg Mfg Co

#### FURNACES, SUSPENDED

Gilbert & Barber Mfg Co  
Jackson & Church  
Muelker (L J) Furnace Co  
Norge Heat Div Borg-Warner Corp  
Norman Products Co  
Perfection Stove Co

#### FURNACES, WALL

Empire Stove Co  
Kresky Mfg Co  
Northwest Metal Products Inc  
Royal Heaters Inc  
Temo Inc  
U S Machine Corp

#### FURNITURE, BUILT-IN

Ideal Co  
Morgan Co

#### FURNITURE, OUTDOOR

Adirondack Log Cabin Co  
American-Acme Co  
Ames Harris Neville Co  
Appleton Toy & Furniture Co  
Bandy & Yeoman Inc  
Beh & Co Inc  
Biles-Coleman Lumber Co  
Bunting Glider Co  
Daris & Siehl Co  
Frostbrand Furniture Mfg Co  
General Wood Works  
Gold Medal Folding Furniture Co  
Goshen Mfg Co  
Graham (Thomas) & Co Inc  
Hever Sales Co  
Heywood-Walsheld Co  
Hines (Edward) Lumber Co  
Ideal Mfg Co  
Indiana Best Co  
Indiana Hickory Furniture Co  
Ionia Furniture Co  
Kram (Walter S) Co  
Lebanon Co of America  
Mahoney Chair Co  
Michigan Wire Goods Co  
Murray (John) Co  
Nappanee Lumber & Mfg Co  
Nashotah Moulding & Mfg Co  
Sollitt-Sparks Industries Inc  
Northern Forestry Products Inc  
Old Hickory Furniture Co

Parls Mfg Co  
Rastetter (Louis) & Sons  
Rustic Furniture Co Inc  
Rustic Hickory Furniture Co  
Sheboygan Chair Co  
Slovert Iron Works Co Inc  
Sweet (A L) Iron Works  
Thayer Lumber & Box Co  
Troy Goodrich Co  
Utility Cabinet Co  
Wolfe (Harry M)  
Woodensaw Products Corp

#### FUSES, ELECTRIC, ALL TYPES

Bryant Electric Co  
Bussmann Mfg Co  
Case-Shawmut Co  
Commercial Enclosed Fuse Co  
Eagle Electric Mfg Co Inc  
Economy Fuse & Mfg Co  
General Electric Co Construction Materials Dept

Jefferson Electric Co  
Kiriman Engineering Corp  
Metropolitan Electric Mfg Co  
Noma Electric Co  
Pennsylvania Illuminating Corp  
Rohr Electric Co Inc  
Rohr Electric Co Inc  
Trico Fuse Mfg Co  
Union Insulating Co

#### GARAGES, PREFABRICATED

Adirondack Log Cabin Co Inc  
Bennett Industries Inc  
Brooks-Shinner Co  
Crawford Corp  
Davis-Watson Mfg Co  
Factory Built Homes Inc  
GIBL-Way Homes Inc  
Green Lumber Co  
Hodgson (E F) & Sons  
Hyde-Parl Lumber Co  
Pre-Fab Industries  
Reliance Steel Products Co  
St Paul Corrugating Co  
Smith-Dr Inc  
Soudle Steel Co  
Southern Mill & Mfg Co  
Steelcraft Mfg Co  
Strathmore Co  
Super-Structures Inc  
Templeton (Herbert A) Lumber Co  
Texas Housing Co Inc  
Thayer Portable House Co  
U S Challenge Co  
U S Prefab Corp

#### GAS, BOTTLED

American Liquid Gas Corp  
Carbide & Carbon Chemicals Div Union Carbide & Carbon Corp  
Delta Tank Mfg Co Inc  
Dri-Gas Corp  
Harms Oil Co  
Naragans Inc  
Omaha Blauage Co  
Phillips Petroleum Co  
Propane Corp  
Proxact Gas Div Union Carbide & Carbon Corp  
Shell Oil Co Inc  
Skidgas Div Shell Oil Co  
Standard Oil Co  
Universal Bottle Gas Co

#### GASKETS, SEWER PIPE

American Vitrited Products Co  
Evans Company  
Evans Pipe Co  
John-Manville Corp  
National Clay Pipe Mfrs Inc  
Robinson Clay Product Co  
Universal Concrete Pipe Co Inc  
Universal Sewer Pipe Corp  
Burn (J A) Mfg Co

#### GATES, FARM

American Steel & Wire Co  
Cres Steel Products Corp  
Clay Equipment Corp  
Colorado Fuel & Iron Corp  
Continental Steel Corp  
Cyclone Fence Div American Steel & Wire Co  
Franklin Equipment Co  
Hicks Gate Co  
Illinois Wire & Mfg Co  
Indiana Steel & Wire Co  
James Mfg Co  
Keystone Steel & Wire Co  
Mid-States Steel & Wire Co  
Nichols Wire & Aluminum Co  
Northwesters Steel & Wire Co  
Pittsburgh Steel Products Co  
Republie Steel Corp  
Rove Mfg Co  
Sheffield Steel Corp  
Standard Mfg Co  
Tennessee Coal Iron & Railroad Co  
Wickwire Spenser Steel Div Colorado Fuel & Iron Corp

#### GATES, IRON, FOLDING

American Steel & Wire Co  
Cyclone Fence Div American Steel & Wire Co  
Hogewell Mfg Co  
Meyers (Fred L) Mfg Co  
Stewart Iron Works Co Inc

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

**GATES, TAIL, HYDRAULIC**

Anthony Co Inc  
Cannon Industries Inc  
Day Company  
Friedland Trailer Co  
Hercules Steel Products Corp

**GAUGES, CRAFTSMAN**

Atkins (E C) & Co  
Bache (Simon) & Co  
Consolidated Machinery & Supply Co Ltd  
Dixton (Henry) & Sons Inc  
Larkin Rule Co  
Tanowitz Works  
Union Tool Co

**GAUGES, DOOR BUTT**

E-Z Mark Tool Co

**GAUGES, MOISTURE**

American Instrument Co Inc  
Bradley (L R) & Co  
Colloid Equipment Co Inc  
Hart Moisture Gauges Inc  
Karl's Moisture Gauges  
Measurements Corp  
Moisture Register Co  
Moore Dry Kiln Co  
Tagliabue (C J) Mfg Co  
Taylor Instrument Co

**GAUGES, SAW**

Atkins (E C) & Son  
Dixton (Henry) & Sons  
Sandvik Saw & Tool Corp  
Simons Saw & Steel Co  
Terrill (D D) Saw Co

**GIRDERS, WOOD**

Long-Bell Lumber Co  
Riley Laminated Products Co  
Unit Structures Inc  
West Coast Lumbermen's Association  
Weyerhaeuser Sales Co

**GLASS, ARCHITECTURAL & ORNAMENTAL**

Bache (Simon) & Co  
Dearborn Glass Co  
Hagmann Cos Inc  
Libbey-Owens-Ford Glass Co  
Nurre Cos Inc  
Pennsylvania Wire Glass Co  
Pittsburgh Plate Glass Co  
Royal Glass Works Corp  
Safelite Glass Co  
Slower Door Co of America  
Technical Glass Co Inc  
U S Plywood Corp

**GLASS, COLORED**

Canton Glass Co Inc  
Franklin Glass Corp  
Libbey-Owens-Ford Glass Co  
Pittsburgh Plate Glass Co

**GLASS, CORRUGATED, WIRE**

Pennsylvania Wire Glass Co

**GLASS, DOUBLE PANE**

American Window Glass Co  
Libbey-Owens-Ford Glass Co  
Pittsburgh Plate Glass Co

**GLASS, PLATE**

Bache (Simon) & Co  
Franklin Glass Corp  
Glaziers' Tool Mfg Co  
Hagmann Cos Inc  
Libbey-Owens-Ford Glass Co  
Mississippi Glass Co  
National Mirror Works  
Nurre Cos Inc  
Pittsburgh Plate Glass Co  
Royal Glass Works Corp  
Safelite Glass Co

**GLASS, PLATE, HEAT ABSORBING**

Libbey-Owens-Ford Glass Co  
Pennsylvania Wire Glass Co  
Pittsburgh Plate Glass Co

**GLASS, PLATE, INSULATING**

Libbey-Owens-Ford Glass Co  
Pittsburgh Plate Glass Co

**GLASS, STRUCTURAL**

Bache (Simon) & Co  
Braeco Mfg Co  
Conroy-Frough Glass Co  
Franklin Glass Corp  
Hagmann Cos Inc  
Libbey-Owens-Ford Glass Co  
Mississippi Glass Co  
National Mirror Works  
Nurre Cos Inc  
Pennsylvania Wire Glass Co  
Pittsburgh Plate Glass Co  
Royal Glass Works Corp

**GLASS SUBSTITUTE**

Allen Brothers Inc  
Arvey Corp  
Celanese Corp of America Plastics Div  
Clark Wire & Supply Co  
Du Pont (E I) de Nemours & Co  
Glassware Mfg Co  
Heuschel (C B) Mfg Co  
Richardson Co  
Sol-O-Lite Mfg Co  
Turner Brothers  
Warp Brothers

**GLASS, WINDOW**

American Window Glass Co  
Conroy-Frough Glass Co  
Fouree Glass Co  
Libbey-Owens-Ford Glass Co  
Pittsburgh Plate Glass Co  
Rock Island Millwork Co

**GLASS, WINDOW, WIRE**

Bache (Simon) & Co  
Blue Ridge Glass Corp  
Clark-Rabbit Industries Inc  
Conroy-Frough Glass Co  
Dearborn Glass Co  
Hagmann Cos Inc  
Hartman Glass Co  
Houser Sash & Door Co  
Libbey-Owens-Ford Glass Co  
Mississippi Wire Glass Co  
National Mirror Works  
Nurre Cos Inc  
Pennsylvania Wire Glass Co  
Pittsburgh Plate Glass Co  
Royal Glass Works Corp

**GLAZING, TRANSPARENT PLASTIC**

Arvey Corp  
Celanese Corp of America Plastics Div  
Sol-O-Lite Mfg Co  
Warp Brothers

**GLOVES, INDUSTRIAL**

American Optical Co Safety Div  
Bios Mfg Co  
Broadway Rubber Mfg Co  
Chippewa Falls Woolen Mill Co  
Cupples Co  
Dee Meines Glove & Mfg Co  
George Glove Co  
Goodrich (R F) Co  
Green Mountain Glove Co  
Industrial Gloves Co  
Olympic Glove Co  
Pericles Glove Co  
Seiberling Latex Products Co  
Spartan Glove Co  
U S Rubber Co

**GLUE, ANIMAL**

Crescent Products Co  
Fuller (H B) Co  
Hewitt (C B) & Brothers Inc  
Madison Glue Corp  
Paisley Products Inc  
Perkins Glue Co  
Weiss Products Co

**GLUE, ANIMAL, DRY**

Armour Glue Works  
Consumers Glue Co  
Cudahy Packing Co  
Keystone Glue Co  
LePage's Inc  
Nicholson & Co  
Standard Paste & Glue Co Inc  
Tamm Industries Inc

**GLUE, ANIMAL HIDE, LIQUID**

Franklin Glue Co  
LePage's Inc

**GLUE, CASEIN**

Actna Plywood & Veneer Co  
American Cyanamid Co  
Borden Co Chemical Div  
Consumers Glue Co  
Davis Plywood Corp  
Fiddes-Moore & Co  
Franklin Glue Co  
Hewitt (C B) & Brothers Inc  
Lecton Glue Mfg Co  
LePage's Inc  
Mengel Co Inc  
Monite Waterproof Glue Co  
Monsanto Chemical Co  
National Casein Sales  
Paisley Products Inc  
Perkins Glue Co  
Tamm Industries Inc  
U S Plywood Corp

**GLUE, COLD WATER**

Actna Plywood & Veneer  
Armour & Co Fertilizer Works Div  
Borden Co Chemical Div  
Consumers Glue Co  
Franklin Glue Co  
Fuller (H B) Co  
Hewitt (C B) & Brothers Inc  
Lecton Glue Mfg Co  
LePage's Inc  
Mengel Company Inc  
Monite Waterproof Glue Co  
Monsanto Chemical Co  
National Casein Sales  
Paisley Products, Inc  
Perkins Glue Co  
Tamm Industries Inc  
U S Mengel Plywoods Inc  
U S Plywood Corp

**GLUE, FISH**

Consumers Glue Co  
Crescent Products Co  
Fuller (H B) Co  
Hewitt (C B) & Brothers Inc  
LePage's Inc  
National Adhesives Div National Starb  
Products Inc  
Paisley Products Inc  
Placo Div Paisley Products Inc  
Rogers Insulating & Glue Co  
Standard Paste & Glue Co Inc  
Thurston (L M) Mfg Co  
Williamson Glue & Gum Works

**GLUE, LIQUID**

Borden Co Chemical Div  
Carters Ink Co  
Franklin Glue Co  
International Glue Co  
Keystone Glue Co  
LePage's Inc  
National Adhesives Div National Starb  
Products Inc  
Pittsburgh Plate Glass Co  
Rogers Insulating & Glue Co Inc  
Standard Paste & Glue Co Inc  
Testor Chemical Co  
U S Plywood Corp

**GLUE, RESIN**

Actna Plywood & Veneer Co  
Borden Co Chemical Div  
Catalin Corp of America  
Davis Plywood Corp  
Fiddes-Moore & Co  
Franklin Glue Co  
Fuller (H B) Co  
Hewitt (C B) & Brothers Inc  
LePage's Inc  
Miracle Adhesive Corp  
Monite Waterproof Glue Co  
Monsanto Chemical Co  
National Casein Sales  
Paisley Products Inc  
Perkins Glue Co  
Resinous Products & Chemical Co Inc  
Standard Paste & Glue Co Inc  
U S Mengel Plywoods Inc  
U S Plywood Corp  
Wellman Products Co

**GLUE, WATERPROOF**

Actna Plywood & Veneer Co  
Borden Co Chemical Div  
Christy Co Inc  
Consumers Glue Co  
Fiddes-Moore & Co  
Franklin Glue Co  
Hewitt (C B) & Brothers Inc  
LePage's Inc  
Mengel Co Inc  
Minnesota Mining & Mfg Co  
Miracle Adhesive Corp  
Monite Waterproof Glue Co  
Monsanto Chemical Co  
National Casein Sales  
Nicholson & Co  
Perkins Glue Co  
Placo Div Paisley Products Inc  
Plakon Div Libbey-Owens-Ford Glass Co  
Resinous Products & Chemical Co Inc  
Standard Paste & Glue Co Inc  
U S Mengel Plywoods Inc  
U S Plywood Corp

**GRAIN, SILICON CARBIDE**

Behr-Manning Corp Div Norton Co  
Carborundum Co  
Safe Tread Co Inc

**GRATES, BOILER**

Adams Company  
Cunningham Machinery Corp  
Industrial Iron Works  
Marion Machine Foundry & Supply Co  
St Paul Corrugating Co

**GRATES, FIREPLACE, CERAMIC**

Appelman Art Glass Works  
Coco Building Products

Gem Clay Fuming Co  
National Tile Co  
Ohio Valley Clay Co

**GRATES, VENTILATORS**

Kewanee Mfg Co

**GRATINGS**

Adams Co  
Air Control Products Inc  
Allen Steel Products Co  
Chattanooga Implement & Mfg Co  
Donley Brothers Co  
Industrial Iron Works  
Logan Co  
Trucon Steel Co  
U S Gypsum Co  
Western Foundry Co  
Whelpling Corrugating Co  
Zurn (J A) Mfg Co

**GRATINGS, AREAWALK**

Aircraft Ornamental Iron Co  
Cincinnati Iron Fence Co Inc  
Doulter Brothers Co  
Industrial Iron Works  
St Paul Corrugating Co  
Superior Fireplace Co  
Sweet Iron Works

**GRILLES, FIREPLACE**

Bennett-Ireland Inc  
Brewer-Fletcher Corp  
Cincinnati Iron Fence Co Inc  
Doulter Brothers Co  
Healator Inc  
Industrial Iron Works  
Kewanee Mfg Co  
Majestic Co  
Master Metal Products Co  
Meyers (Fred) Mfg Co  
Silent Glass Mill Burner Corp  
Southern Baroque-Grill Co  
Superior Fireplace Co  
U S Register Co

**GRILLES, METAL**

Aircraft Ornamental Iron Co  
Cincinnati Iron Fence Co Inc  
Deatur Iron & Steel Co  
Doulter Brothers Co  
Harris Inc  
Hart & Conroy Mfg Co  
Healator Inc  
Industrial Iron Works  
Kentucky Metal Products Co  
Kramer-Bond Inc  
Logan Co Inc  
Mackinburg-Duncan Co  
Majestic Co  
Newman Brothers Inc  
Southern Wire & Iron Works  
Stewart Iron Works Co Inc  
Trans Company  
U S Register Co  
Wellman Products Co

**GRILLES, OUTDOOR COOKING**

Homer Furnace & Foundry Corp

**GRILLES, RADIATOR**

American Radiator & Standard Sanitary Corp  
Aure Register Co  
Braun (J G) Co  
Columbia Metal Box Co  
Garden City Plating & Mfg Co  
Meyers (Fred L) Mfg Co  
Parler (S) Hardware Mfg Corp  
U S Register Co  
Wichitan Sponcer Steel Div Colorado Fuel & Iron Corp

**GRILLES, ROLLING, STEEL**

Cornell Rolling Door Works

**GRILLES, SCREEN DOOR**

Air Control Products Inc  
Allen Steel Products Co  
Aircraft Ornamental Iron Co  
Chamberlain Co of America Inc  
Coffman (B G) Co Inc  
Deatur Iron & Steel Co  
Dennis (W J) & Co  
Eveready Co  
Kentucky Metal Products Co  
Logan Co  
Mackinburg-Duncan Co  
Metal Crafters Div Castone Prods Co  
Meyers (Fred L) Mfg Co  
National Guard Products Inc  
Ornamental Metal Works  
Parker (S) Hardware Mfg Co  
Proter Washstrip Mfg Co  
Robbins Mfg Co  
Smith (F P) Wire & Iron Works  
Southern Wire & Iron Works

**GRILLES, WINDOW**

Aluminum Window Corp  
Chamberlain Co of America Inc  
Cyclone Fence Div American Steel & Wire Co  
Fisvale Equipment Mfg Co  
Logan Co  
Metal Crafters

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

Meyers (Fred L) Mfg Co  
National Guard Products Inc  
Newman Brothers Inc  
Robbins Inc

#### GRINDERS, BAND, WHEEL

Filer & Stowell Co  
Prescott Co

#### GRINDERS, BENCH & FLOOR

Albertson & Co Inc  
Atlas Press Co  
Black & Decker Mfg Co  
Bradford Machine Tool Co  
Cincinnati Electrical Tool Div Leffland  
(S K) Machine Tool Co  
Clisbe Brothers Mfg Co  
Dohrt Mfg Co Div Electrical Div Singer  
Mfg Co

Hanchett Mfg Co  
Independent Pneumatic Tool Co  
Lippmann Engineering Works  
Luther Grinder & Tool Co  
Mall Tool Co  
Millers Falls Co  
Milwaukee Electric Tool Corp  
Newman Machine Co  
Porter-Cable Machine Co  
Rockwell Mfg Co Power Tool Div  
Skilaw Inc  
Speed Wg Mfg Co  
Standard Electrical Tool Co  
Stanley Electric Tools Div Stanley Works  
U S Electrical Tool Co  
Vonnegut Moulder Corp  
Walker-Turner Div Kearney Trecker Corp  
Wisconsin Abrasive Mfg Co

#### GRINDERS, CUTTER HEAD

C K L Machinery Co  
Dependable Machine Co  
Hernandez Machine Co  
Newman Machine Co  
Rimmer (Samuel J) & Sons Inc  
Stetson-Boss Machinery Co  
Woods (S A) Machine Co

#### GRINDERS, ELECTRIC PORTABLE

Black & Decker Mfg Co  
Chicago Pneumatic Tool Co  
Chicago Wheel & Mfg Co  
Dohrt Mfg Co Electrical Div Singer Mfg Co  
Dremel Mfg Co  
Huro Metal Products Co  
Independent Pneumatic Tool Co  
Lima Electric Motor Co  
Mall Tool Co  
Millers Falls Co  
Milwaukee Electric Tool Corp  
Newman Machine Co  
Porter-Cable Machine Co  
Portable Electric Tools Inc  
Speedway Mfg Co  
Syntron Co  
U S Electric Tools Co

#### GROOVERS

Atkins (E C) & Co  
Goldblatt Tool Co  
Hutler Brothers Saw Mfg Co Inc  
Mackinburg-Duncan Co  
Mayne Brothers Tool Mfg Co  
Wilson Saw Div Media Machine Works Inc

#### GUARDS, AREAWALL

Air Control Products  
Rainard Steel Co  
St Paul Corrugating Co  
Sharon Steel Co

#### GUARDS, ROOF & SNOW

Chase Brass & Copper Co  
Inland Steel Products Co

#### GUARDS, SAW

Atkins (E C) & Co  
Beach Mfg Co  
Boice Crane Co  
Fay (J A) & Egan Co  
Hutler Brothers Saw Mfg Co Inc  
Logan Co Inc  
Oiler Machinery Co  
Yates-American Machine Co

#### GUARDS, WHEEL

Adams Co  
Densley Brothers Co  
Fiske (J W) Iron Works  
Industrial Iron Works  
Logan Co  
Majestic Co  
Moser Brothers  
Western Foundry Co  
Wheeling Corrugating Co

#### GUARDS, WINDOW

Adams Co  
Aircraft Ornamental Iron Co  
Badger Wire & Iron Works Inc  
Clag Equipment Corp  
Cyclone Fence Div American Steel & Wire Co  
Edwards Mfg Co  
Grand Rapids Wire Products Co  
Hawkins Iron Co

Hopewell Mfg Co  
Kentucky Metal Products Co  
Lockwood Hardware Mfg Co  
Logan Co

Mackinburg-Duncan Co  
Meador Brothers  
Moser (George L) Steel Corp  
Meyers (Fred L) Mfg Co  
National Brass Co  
Noy Mfg Co  
Russell & Irwin Div American Hardware Corp  
Slipmaker Lock Co  
Smith (F P) Wire & Iron Works  
Southern Wire & Iron Works  
Standard Bronze Co  
Starline Inc  
Stewart Iron Works Co Inc  
Wheeling Corrugating Co

#### GUMMERS, SAW

Atkins (E C) & Co  
Chicago Wheel & Mfg Co  
Foley Mfg Co  
Hanchett Mfg Co  
Mid-West Abrasive Co  
Norton Co  
Wisconsin Abrasive Mfg Co

#### GUNS, CAULKING & GLAZING

Absent Mfg Co  
Calbar Paint & Varnish Co  
Central Metal Strip Co  
Dennis (W J) & Co  
Hesse & Reynolds Co Inc  
Honey Brothers Co  
Electric Sparall Co  
Ford Roofing Products Co  
Gibson-Humann Co  
Glaxier Tool Mfg Co  
Goldblatt Tool Co  
Harris Inc  
Horn (A C) Co Inc  
John-Manville Corp  
Kenmar Mfg Co  
Leath Products Co Inc  
Mackinburg-Duncan Co  
Pezora Paint Co  
Pittsburgh Plate Glass Co  
Prex Weatherstrip Mfg Co  
Robbins Mfg Co  
Seal Eite Caulking Co  
Silestone Mfg Co  
Stewart-Warner Corp  
Tannum Industries Inc  
Vital Products Mfg Co  
Webster (W F) Cement Co  
Western Reserve Mfg Co

#### GUNS, PNEUMATIC CONCRETE APPLICA-TION

Calorecrete Industries Inc  
Construction Machinery Sales Co  
Gussie Construction Corp  
MacLeod Co

#### GUNS, SPRAY, PAINT

Binks Mfg Co  
Black Mfg Co  
Burgum Vibrators Inc  
Brown (W B) Corp  
Brunner Mfg Co  
Denning Co  
DeVillibus Co  
Drexel & Reynolds Inc  
Electric Sprays Co  
Hudson (H D) Mfg Co  
Lorell Mfg Co  
Passche Air Brush Co  
Pittsburgh Plate Glass Co  
Portable Electric Tools Inc  
Selleo Corp  
Stewart-Warner Corp  
U S Air Compressor Co

#### GUTTERS, METAL

Alabama Metal Lath Co  
American Brass Co  
Anaconua Sales Co  
Armo Steel Corp  
Badger Corrugating Co  
Berger Mfg Div Republic Steel Corp  
Carnegie-Illinois Steel Co  
Ceco Steel Products Corp  
Chase Brass & Copper Co  
Cincinnati Sheet Metal & Roofing Co  
Edwards Mfg Co  
Harrison Steel Cabinet Co  
Illinois Zinc Co  
Inland Steel Products Co  
Klauser Mfg Co  
LaTrone Steel Roofing & Corrugating Co  
Mid-State Steel & Wire Co  
Nichols Wire & Aluminum Co  
Northwest Metal Products Inc  
Penn Supply & Metal Corp  
Reeves Steel & Mfg Co  
Revere Copper & Brass Inc  
Reynolds Metals Co Bldg Products Div  
St Paul Corrugating Co  
Stout Steel Co  
Wheeling Corrugating Co

#### GUTTERS, WOOD

Alpha Lumber Co  
Bolbeer & Carson Lumber Co  
Fondry-Cumett Lumber Co  
Hannum Lumber Co  
Holmes-Eureka Lumber Co  
Hulbert (William) Mill Co  
Lons-Bell Lumber Co  
Long Fir Gutter Co  
Mutual Fir Column Co  
Siberslager (George J) & Sons Co  
Union Lumber Co  
Washington Mfg Co  
West Coast Lumbermen's Association  
Western Pine Association  
Willamette Valley Lumber Co  
Weyerhaeuser Sales Co

#### GYPSONUM

Gypsum Association  
U S Gypsum Co

#### HAMMERS, ELECTRIC, PORTABLE

Black & Decker Mfg Co  
Chicago Pneumatic Tool Co  
Goldblatt Tool Co  
Honnelle Corp  
Independent Pneumatic Tool Co  
Millers Falls Co  
Milwaukee Electric Tool Corp  
Skilaw Inc  
Stanley Electric Tools Div Stanley Works  
Syntron Co  
Van Dorn Electric Tool Co  
Wedark Electric Tool Corp

#### HAMMERS, HAND, ALL TYPES

Billings & Spencer Co  
Burgess Patenting Co  
Cagwell Mfg Co  
Champion-Instrument Tool Co  
Cloney (Henry) Hammer Corp  
David-Middle Tool Corp  
Ewing Mfg Co  
Fairmount Tool & Forging Co  
Fenster Corp  
Goldblatt Tool Co  
Graham (John H) & Co  
Heller Brothers Co  
Hockstake (E B) Co  
Markwell Mfg Co Inc  
Martin Tool Corp  
Maylaw Steel Products Inc  
Mephisto Tool Co Inc  
Ox-Wall Tool Co  
P & C Hand Forged Tool Co  
Peck Stow & Wilcox Co  
Phoenix Hardware Mfg Co  
Powers Mfg Co  
Plumb (Fayette R) Inc  
Proto Tool Co  
Red Devil Tools  
Stanley Works  
Stanley Tools Div Stanley Works  
True Temper Corp  
Vaughan & Bushnell Mfg Co  
Vielck Tool Co

#### HAMMERS, MACHET

Pittsburgh Plate Glass Co

#### HAMMERS, PNEUMATIC

Azor Products  
Ingervall-Rand Co  
Washington Pump & Machinery Corp

#### HAMMERS, CLOTHES, BUILT-IN

Standard Steel Cabinet Co

#### HANDLES, AXE, PICK, SLEDGE HAMMER, RATCHET

Amos (Charles H) Handle Co  
Bruner-Ivory Handle Co  
Cooke (R F) Mfg Co  
Dixton (Henry) & Sons Inc  
Estes (E B) & Sons Inc  
Greenstate Mfg Co  
Hartwell Bros  
Imperial Handle Mfg Co  
Madison Handle Co  
Marion Handle Mills Inc  
National Aluminum Co  
Pride Tool Co  
South Bend Dowel & Mfg Co  
Stiles (H A) Co  
Stroock (L W) & Co  
Swan Handle Corp  
True Temper Corp  
Union Fork & File Co  
Union Hardware Co

#### HANGARS, AIRPLANE

Blaw-Knox Div Blaw-Knox Co  
Butler Mfg Co  
International Steel Co

Mosler (George L) Steel Corp  
Rison Laminated Products Co  
Stran-Steel Div Great Lakes Steel Corp  
Steelecraft Mfg Co  
Timber Structures Inc  
Trucon Steel Co  
Unit Structures Inc  
United Steel Fabricator Inc

#### HANGERS, BATHTUB

American Radiator & Standard Sanitary Corp  
Kohler Co  
Lacke (William B) Inc  
Tiewall Hanger Co  
Zorn (J A) Mfg Co

#### HANGERS, EAVE TROUGH & CONDUCTOR PIPE

Badger Corrugating Co  
Berger Mfg Div Republic Steel Corp  
Carnegie-Illinois Steel Co  
Ceco Steel Products Corp  
Chase Brass & Copper Co  
Hosann (W C) Co  
Inland Steel Products Co  
Mid-State Steel & Wire Co  
New Holland Metals Co  
Penn Supply & Metal Corp  
Reynolds Metals Co Building Products Div  
Wheeling Corrugating Co

#### HANGERS, INSULATION

Deviles Inc  
John-Manville Corp  
Miracle Adhesive Corp  
Moore (Goodhue R) Co

#### HANGERS, JOIST & LUMBER

Adams Co  
Atlas Steel Products Co  
Cleveland Steel Specialty Co Inc  
Cover Steel & Wire Co  
Cusco Steel & Engineering Co  
Densley Iron & Steel Co  
Densley Brothers Co  
Duplex Hanger Co  
Gabriel Steel Co  
Hobmann & Barnard Inc  
Ideal Hanger Co  
Lanoran Mfg Co  
Soulie Steel Co  
Timber Engineering Co  
Wagner Mfg Co

#### HANGERS, METAL LATH

Berger Mfg Div Republic Steel Corp  
Bostwick Steel Lath Co  
Ceco Steel Products Corp  
Goldsmith Metal Lath Co  
Inland Steel Products Co  
Penn Metal Co Inc  
Soulie Steel Co  
Trucon Steel Co  
U S Gypsum Co

#### HANGERS, PIPE & CONDUIT

Carpenter & Patterson Inc  
Copperhead Steel Co  
Diamond Expansion Bolt Co  
General Fittings Co  
Illinois Malleable Iron Co  
Malleable Iron Fittings Co  
Paine Company  
Signode Steel Strapping Co  
Viper Specialties  
Youngstown Mfg Inc

#### HARDBOARD, ASPHALT

Meadows (W B) Inc

#### HARDBOARD, COMPOSITION & FIBROUS

Armstrong Cork Co Building Materials Div  
Celotex Corp  
Chapco Sales  
Curtis Companies Inc  
Fisher-Moore & Co  
Fib-Tex Insulating Board Co  
Fibrolite Co  
Forest Fiber Products Co  
Insullite Div Minnesota & Ontario Paper Co  
John-Manville Corp  
Kensley & Mattison Co  
Kimberly-Clark Corp  
Masonite Corp  
Meadows (W B) Inc  
Massman & Shafer Inc  
National Gypsum Co  
Pacific Veneer & Plywood Corp  
Protective Papers Inc  
Reed Island Millwork Co  
Roddie Plywood Corp  
U S Gypsum Co  
U Plywood Corp  
Western Pine Association  
Woodall Industries Inc

#### HARDBOARD, EMBOSSED

Masonite Corp

#### HARDBOARD, PACKAGED, SMALL SIZES

Masonite Corp

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-6Z

**HARDENERS, CONCRETE**

Admet Co  
American Fluoroc Co Inc  
Anti-Hydro Waterproofing Co  
Blue Ridge Tile Co Inc  
Camp Chemical Co Inc  
Celadr Corp  
Cerest Waterproofing Corp  
Conely Inc  
Devoe & Reynolds Inc  
Ereterite Corp  
Pietrock Co  
Harrop Chemical Co  
Horn (A C) Co  
Kry-Tite Co  
Smooth-On Mfg Co  
Somebros (L) & Sons Inc  
Spray-O-Bond Co  
Standard Dry Wall Products Inc  
Stachete Mfg Co  
Stonhard Co  
Sullivan Co  
Tamm Industries Inc  
Truscon Laboratories Div Devoe & Reynolds Inc  
Tufcrete Co Inc  
Vita-Vac Co  
Willor & Williams

**HARDWARE, AWNING**

Astrup Co  
Awning Hardware Co  
Corbin (F & F) Div American Hardware Corp  
Fanner Mfg Co  
Pittsburgh Plate Glass Co  
Reading Hardware Corp  
Sargent & Co

**HARDWARE, AWNING WINDOW**

Corbin (F & F) Div American Hardware Corp  
Gate City Sash & Door Co  
Reading Hardware Corp  
Russell & Erwin Div American Hardware Corp  
Super Vent Co  
Whitney (Vincent) Co

**HARDWARE, BARN**

Allith-Prouty Inc  
Corbin (F & F) Div American Hardware Corp  
Frantz Mfg Co  
Hubson (H D) Mfg Co  
Ideal Brass Works Inc  
James Mfg Co  
Lawrence Bros  
Louden Machinery Co  
McKinney Mfg Co  
Myers (F E) & Brother Co  
National Mfg Co  
Richards-Wilcox Mfg Co  
Stanley Works  
Starline Inc  
Wagner Mfg Co

**HARDWARE, BOAT DOCK**

Central Machine Works Co  
Fisale Equipment Co

**HARDWARE, CABINET**

Ajax Hardware Mfg Corp  
Alron Hardware Mfg Corp  
American Brass Goods Co  
American Cabinet Hardware Corp  
Austin & Eddy Inc  
Barrows Lock Works  
Champion Hardware Co  
Chicago Spring Hinge Co  
Cipeo Corp  
Cleveland Lock Works  
Clinton Lock Co  
Corbin (F & F) Div American Hardware Corp  
Curtis Companies Inc  
Dedes Machine Works  
Eagle Lock Co  
Engineered Products Co  
Fisale Equipment Mfg Co  
Frantz Mfg Co  
Garden City Plating & Mfg Co  
Grand Rapids Hardware Co  
Greig & Son  
Griffin Mfg Co  
Hager (C) & Sons Hinge Mfg Co  
Harris Inc  
Harvard Lock Co  
Heller (W C) & Co  
Ideal Brass Works Inc  
Independent Lock Co  
Ives (H B) Co  
Kees (F D) Mfg Co  
Knappe & Vogt Mfg Co  
Kwik-Locks Inc  
Lawrence Brothers  
Lockwood Hardware Mfg Co  
Mackinburg-Duncan Co  
McKinney Mfg Co  
Modern Plastic Co  
National Brass Co  
National Hardware Co  
National Lock Co  
National Mfg Co  
Nordahl Co  
Norwalk Lock Co Div Segal Lock & Hardware Co  
Parker (S) Hardware Mfg Co

Parlyn Ltd  
Penn Hardware Co  
Phoenix Lock Co  
Reading Hardware Corp  
Reese Padlock Co  
Russell & Erwin Div American Hardware Corp  
Safe Padlock & Hardware Co  
Sager-Barrows Lock Works  
Sargent & Co  
Shelby Spring Hinge Co  
Slaymaker Lock Co  
Ross Mfg Co  
Standard Bronze Co  
Stanley Works  
Star Metal Products Inc  
Sterling Hardware Mfg Co  
Technical Glass Co Inc  
Vincor Sales Co  
Weber-Knappe Co  
Yale & Towne Mfg Co

**HARDWARE, CASEMENT WINDOW**

American Brass Goods Co  
American Cabinet Hardware Corp  
Arrow Lock Corp  
Barrow Lock Works  
Bayley (William) Co  
Casement Hardware Co  
Champion Hardware Co  
Corbin (F & F) Div American Hardware Corp  
Croft Steel Products Inc  
Curtis Companies Inc  
Fenster Building Products  
Fisale Equipment Mfg Co  
Frantz Mfg Co  
Getty (H S) & Co Inc  
Grant Pulley & Hardware Co  
Griffin Mfg Co  
Ideal Brass Works  
Independent Lock Co  
Ives (H B) Co  
Lawrence Brothers  
Lockwood Hardware Mfg Co  
McKinney Mfg Co  
National Brass Co  
Penn Hardware Co  
Phoenix Mfg Co Inc  
Reading Hardware Corp  
Richards-Wilcox Mfg Co  
Rixon (Oscar) Co  
Russell & Erwin Div American Hardware Corp  
Safe Padlock & Hardware Co  
Sager-Barrows Lock Works  
Sargent & Co  
Shelby Spring Hinge Co  
Slaymaker Lock Co  
Stanley Works  
Sterling Hardware Mfg Co  
Whitney (Vincent) Co  
Bright Products Corp  
Yale & Towne Mfg Co

**HARDWARE, CLOTHES CLOSET**

Acme Metal Goods Mfg Co  
Ajax Hardware Mfg Corp  
Amerline Inc  
Arrow Lock Corp  
Atkinson Mfg Co  
Autoyce Co  
Barrows Lock Works  
Bommer Spring Hinge Co Inc  
Champion Hardware Co  
Chicago Curtain Stretcher Co  
Clark (J B) Co  
Corbin (F & F) Div American Hardware Corp  
Duncan Shaw Corp  
Eroo Mfg Co  
Ajax Hardware Mfg Corp  
Falls Stamping & Welding Co  
Fisale Equipment Mfg Co  
Frantz Mfg Co  
Garden City Plating & Mfg Co  
Getty (H S) & Co Inc  
Hager (C) & Sons Hinge Co  
Harlot Products Corp  
Handy Things Mfg Co  
Illinois Pottery Enamel Co  
Ives (H B) Co  
Judd (H L) Co Inc  
K D K Upset Forging Co  
Kromody Co  
Ken-Bo-Bil Co  
Knappe & Vogt Mfg Co  
Kraus (Walter S) Co  
Larson (Charles O) Co  
Lawrence Brothers  
Lockwood Hardware Mfg Co  
McKinney Mfg Co  
Modern Plastic Co  
Moulton Ladder Mfg Co  
National Mfg Co  
Nordahl Co  
Penn Hardware Co  
Reading Hardware Corp  
Reese Padlock Co  
Rep-Loc Products Co  
Russell & Erwin Div American Hardware Corp  
Sager-Barrows Lock Works  
Sargent & Co  
Shelby Spring Hinge Co  
Skillman Hardware Co  
Slaymaker Lock Co  
Southern Galvanizing Co  
Standard Bronze Co  
Stanley Works  
Stevens Mfg Co  
Universal Steel Equipment Corp  
Vincor Sales Co

Washington Steel Products Inc  
Yale & Towne Mfg Co

**HARDWARE, DOOR**

Ajax Hardware Mfg Corp  
Champion Hardware Co  
Corbin (F & F) Div American Hardware Corp  
Ives (H B) Co  
Lockwood Hardware Mfg Co  
National Mfg Co  
Penn Hardware Co  
Sager-Barrows Lock Works  
Sargent & Co  
Skillman Hardware Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

**HARDWARE, DOOR, ACCESSORY**

Ajax Hardware Mfg Corp  
Alron Hardware Mfg Corp  
Allith-Prouty Inc  
Allmetal Weatherstrip Co  
American Brass Goods Co  
American Cabinet Hardware Corp  
Arrow Lock Corp  
Barrows Lock Works  
Bridgport Chain & Mfg Co  
Buech (A C) Co Inc  
Chamberlin Co of America  
Champion Hardware Co  
Chase Brass & Copper Co  
Chester (J) & Sons  
Cipeo Corp  
Clinton Lock Co  
Colonial Brass Co  
Corbin (F & F) Div American Hardware Corp  
Devoe Inc  
Dorfin Metal Strip Mfg Co  
Engineered Products Co  
Eroo Mfg Co  
Fisale (J W) Iron Works  
Fisale Equipment Mfg Co  
Frantz Mfg Co  
Grand Rapids Wire Products Co  
Grand Specialties Co  
Griffin Mfg Co  
Hager (C) & Sons Hinge Co  
Harris Inc  
Harvard Lock Co  
Honeycutt Mfg Co  
Ideal Brass Works Co  
Ives (H B) Co  
Kant Riam Door Check Co  
Kees (F D) Mfg Co  
Kentucky Metal Products Co  
Kwik-Locks Inc  
Lockwood Hardware Mfg Co  
Logan Co Inc  
Mackinburg-Duncan Co  
McKinney Mfg Co  
Messer (George L) Steel Corp  
Milwaukee Stamping Co  
Modern Plastic Co  
Monarch Metal Weatherstrip Co  
National Brass Co  
National Lock Co  
National Mfg Co  
Newell Mfg Co  
Newman Brothers  
Nyr Mfg Co  
Norton Door Closer Co  
Norwalk Lock Co Div Segal Lock & Hardware Co  
Nutone Inc  
Parker (S) Hardware Mfg Co  
Parlyn Ltd  
Penn Hardware Co  
Phoenix Mfg Co Inc  
Phoenix Hardware Mfg Co  
Pittsburgh Plate Glass Co  
Reading Hardware Corp  
Reese Padlock Co  
Richards-Wilcox Mfg Co  
Robbins Mfg Co  
Russell & Erwin Div American Hardware Corp  
Safe Padlock & Hardware Co  
Sager-Barrows Lock Works  
Sargent & Co  
Schlage Lock Co  
Segal Lock & Hardware Co Inc  
Sentry Shop-A-Drift Co  
Sharon Hardware Mfg Co  
Shelby Metal Products Co  
Shelby Spring Hinge Co  
Skillman Hardware Mfg Co  
Slaymaker Lock Co  
Smith (F F) Wire & Iron Works  
Spanner (A J) Co  
Standard Bronze Co  
Standard Mirror Co  
Stanley Works  
Starline Inc  
Sterling Hardware Mfg Co  
Superior Accessory Co  
Superior Plastic Div Commonwealth Plastics Inc  
Thermal Co  
Tregg Industries  
Turner Brass Works  
Wagner Mfg Co  
Washington Steel Products Inc  
Wester Sales Co  
Wellman Products Co  
Westwood Mfg Co  
Woodmark Industries Inc  
Yale & Towne Mfg Co

**HARDWARE, DOORS, SLIDING**

Acme Appliance Mfg Co  
Accurate Metal Weather Strip Co Inc  
Adams-Bills Mfg Co  
Allith-Prouty Inc  
Barrows Lock Works  
Calder Mfg Co  
Clay Equipment Corp  
Clinton Lock Co  
Colburn Trolley Truck Prods Wickwire Spencer  
Steel Div Colorado Fuel & Iron Corp  
Colorado Fuel & Iron Corp  
Corbin (F & F) Div American Hardware Corp  
Curtis Companies Inc  
Frantz Mfg Co  
Garden City Plating & Mfg Co  
Garrick & Custer Inc  
Grant Pulley & Hardware Co  
James Mfg Co  
Knappe & Vogt Mfg Co  
Lanebro Mfg Co Inc  
Lockwood Hardware Mfg Co  
Louden Machinery Co  
Mackinburg-Duncan Co  
McKenna (Jay G) Inc  
McKinney Mfg Co  
Metal Products Corp  
Nason Wood Products Inc  
National Lock Co  
National Mfg Co  
Nyr Mfg Co  
Nordahl Co  
Olson Mfg Co  
Parker (S) Hardware Mfg Corp  
Penn Hardware Co  
Reading Hardware Corp  
Richards-Wilcox Mfg Co  
Russell & Erwin Div American Hardware Corp  
Sager-Barrows Lock Works  
Sargent & Co  
Sharon Hardware Mfg Co  
Stanley Works  
Starline Inc  
Sterling Hardware Mfg Co  
U S Sliding Door Corp  
Vincor Sales Co  
Wagner Mfg Co  
Western Products Inc  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

**HARDWARE, DRAWER, KNOBS & PULLS**

Ajax Hardware Mfg Corp  
Alron Hardware Mfg Corp  
American Cabinet Hardware Corp  
Arrow Lock Corp  
Barrows Lock Works  
Bendix Mfg Co  
Chester (J) & Sons Inc  
Chicago Wood & Plastic Products Co  
City Plating & Mfg Co  
Cooks (R F) Mfg Co  
Corbin (F & F) Div American Hardware Corp  
Dedes Machine Works  
Engineered Products Co  
Eroo Mfg Co  
Fisale Equipment Mfg Co  
Frantz Mfg Co  
Hager (C) & Sons Hinge Mfg Co  
Harlot Products Corp  
Ives (H B) Co  
Knappe & Vogt Mfg Co  
Kwik-Locks Inc  
Lockwood Hardware Mfg Co  
McKinney Mfg Co  
National Brass Co  
National Hardware Co  
National Lock Co  
National Mfg Co  
Norwalk Lock Co Div Segal Lock & Hardware Co  
Parker (S) Hardware Mfg Corp  
Penn Hardware Co  
Reading Hardware Corp  
Republic Hardware & Distributing Corp  
Russell & Erwin Div American Hardware Corp  
Safe Padlock & Hardware Co  
Sager-Barrows Lock Works  
Sargent & Co  
Schlage Lock Co  
Segal Lock & Hardware Co Inc  
Skillman Hardware Co  
Slaymaker Lock Co  
Standard Bronze Co  
Stanley Works Co  
Stiles (H P) Co  
Superior Plastic Div Commonwealth Plastics Inc  
Technical Glass Co Inc  
Westwood Mfg Co  
Yale & Towne Mfg Co

**HARDWARE, GARAGE DOOR**

Allith-Prouty Inc  
Barlow-Glenn Co  
Calder Mfg Co  
Champion Hardware Co  
Commander Door Inc  
Corbin (F & F) Div American Hardware Corp  
Crane (H W) Co  
Crawford Door Co  
Fisale Equipment Mfg Co  
Frantz Mfg Co  
Grand Specialties Co  
Hager (C) & Sons Hinge Mfg Co  
Lawrence Brothers  
Louden Machinery Co  
McKinney Mfg Co  
National Mfg Co  
National Hardware Co  
Phoenix Mfg Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67

**Reynolds Metals Co Building Products Div**  
Richards-Wilcox Mfg Co  
Sager-Barrows Lock Works  
Shelby Spring Hinge Co  
Slaymaker Lock Co  
Stanley Works Garage Hardware Dept  
Stanley Works  
Starline Inc  
Sterling Hardware Mfg Co  
Tarrant Co Ltd  
Wagner Mfg Co  
Western Products Inc

#### **HARDWARE, GARAGE, FOLDING DOOR**

Clinton Lock Co  
Griffin Mfg Co  
Lockwood Hardware Mfg Co  
Macklamb-Duncan Co  
Noy Mfg Co  
Russell & Erwin Div American Hardware Corp  
Sharon Hardware Mfg Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

#### **HARDWARE, GARAGE, OVERHEAD TYPE**

Arowsmith Tool & Die Co  
Clay Equipment Corp  
Curtis Companies Inc  
Standard House Co  
Vincor Sales Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

#### **HARDWARE, LADDERS**

Alax Building Bracket Co  
Allith-Prosty Mfg Co  
Babcock W V Mfg Co  
Davenport Ladder Co  
Heiser Mfg Co  
Larson Ladder Co  
Michigan Ladder Co  
Newark Ladder & Bracket Co  
Rich Ladder & Mfg Co  
Stanley Works

#### **HARDWARE, SCREEN & STORM SASH**

Air-Tite Window Stay Co  
Alax Hardware Mfg Corp  
Alton Hardware Mfg Corp  
Alden Mfg Co  
Arcade Mfg Div Beckwith Mfg Co  
Busch (H G) & Co Inc  
Casement Hardware Co  
Ceco Steel Products Corp  
Champion Hardware Co  
Chicago Spring Hinge Co  
Clinton Lock Co  
Curtin (F & P) Div American Hardware Corp  
Curtis Companies Inc  
Dennis (W J) & Co  
Engineered Products Co  
Frantz Mfg Co  
Griffin Mfg Co  
Hager (C) & Sons Hinge Mfg Co  
Handy Things Mfg Co  
Ideal Brass Works  
Kant-Rand Door Check Co  
Kess (F D) Mfg Co  
King-Chippewa Co  
Knapp & Vogt Mfg Co  
Kwikset Locks Inc  
Larson (Charles O) Co  
Lawrence Brothers  
Lockwood Hardware Mfg Co  
Louden Machinery Co  
Ludwig Mfg Co Inc  
Macklamb-Duncan Co  
McKinney Mfg Co  
National Brass Co  
National Lock Co  
National Mfg Co  
Norton Door Closer Co  
Norwalk Lock Co Div Regal Lock & Hardware Co  
Penn Hardware Co  
Phenix Mfg Co Inc  
Pioneer Hardware Co  
Reynolds Metals Co Building Products Div  
Russell & Erwin Div American Hardware Corp  
Safe Padlock & Hardware Co  
Saf-N-Eze Hanger Co  
Sager-Barrows Lock Works  
Sharon Hardware Mfg Co  
Shelby Spring Hinge Co  
Slaymaker Lock Co  
Stanley Works  
Sterling Hardware Mfg Co  
Technical Glass Co Inc  
Vincor Sales Co  
Wagner Mfg Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp  
Wright Products Inc  
Yale & Towne Mfg Co

#### **HARDWARE, SILO & TANK**

DeMuth Steel Products Co

#### **HARDWARE, VENETIAN BLIND**

Read Chain Mfg Co  
Bills Venetian Blind Co  
Cary-McFall Co  
Fwale Equipment Mfg Co  
Lorenston Hardware Mfg Corp

**Reynolds Metals Co Building Products Div**  
Stanley Works  
Venetian Blind Corp

#### **HARDWARE, WINDOW**

Alax Hardware Mfg Corp  
American Brass Goods Co  
American Cabinet Hardware Corp  
Arrow Lock Corp  
Austral Sales Corp  
Barrows Lock Works  
Casement Hardware Co  
Champion Hardware Co  
Clipes Corp  
Clinton Lock Co  
Curtin (F & P) Div American Hardware Corp  
Dennis (W J) & Co  
Detroit Hardware Mfg Co  
Evo Mfg Co  
Frescott Building Products  
Fwale Equipment Mfg Co  
Frantz Mfg Co  
Gate City Sash & Door Co  
Getty (H S) & Co Inc  
Hager (C) & Sons Hinge Mfg Co  
Harvard Lock Co  
Ideal Brass Works  
Independent Lock Co  
Ives (H B) Co  
Knapp & Vogt Mfg Co  
Kwikset Locks Inc  
Larson (Charles O) Co  
Lawrence Brothers  
Lockwood Hardware Mfg Co  
Macklamb-Duncan Co  
National Brass Co  
National Lock Co  
National Mfg Co  
Norwalk Lock Co Div Regal Lock & Hardware Co  
Parlyn Ltd  
Penn Hardware Co  
Phenix Mfg Co Inc  
Reading Hardware Corp  
Reese Padlock Co  
Richards-Wilcox Mfg Co  
Rockford Brass Works  
Russell & Erwin Div American Hardware Corp  
Safe Padlock & Hardware Co  
Sager-Barrows Lock Works  
Sargent & Co  
Sharon Hardware Mfg Co  
Shelby Metal Products Co  
Shillman Hardware Co  
Slaymaker Lock Co  
Stanley Works  
Sterling-Prestland Industries Inc  
Sterling Hardware Mfg Co  
Sun Metal Products Co  
Sun Sales Co  
Whitney (Vincent) Co  
Yale & Towne Mfg Co

#### **HASPS, HINGE**

Allith-Prosty Inc  
Champion Hardware Co  
Curtin (F & P) Div American Hardware Corp  
Fwale Equipment Mfg Co  
Frantz Mfg Co  
Hager (C) & Sons Hinge Mfg Co  
Master Lock Co  
McKinney Mfg Co  
National Brass Co  
National Lock Co  
National Mfg Co  
Parlor (SI) Hardware Mfg Co  
Richards-Wilcox Mfg Co  
Russell-Erwin Div American Hardware Corp  
Safe Padlock & Hardware Co  
Sharon Hardware Mfg Co  
Slaymaker Lock Co  
Stanley Works  
Wagner Mfg Co

#### **HATCHETS**

Bridgport Hardware Mfg Corp  
Collins Company  
Estwing Mfg Co  
Goldblatt Tool Co  
Markwell Mfg Co Inc  
Peck Stone & Wilcox Co  
Plumb (Fayette R) Inc  
Stanley Tools Div Stanley Works  
True Transport Corp  
Vaughan & Bushnell Mfg Co

#### **HEADS, CUTTER**

Ekstern Carbon Co  
Hether Brothers Saw Mfg Co  
Shimer (Samuel J) & Sons Inc  
Wilson Saw Div Media Machine Works

#### **HEADS, DADO**

American Saw Mill Machinery Co  
Atkins (E C) Co  
Boston (Henry) & Sons Inc  
Gibler-Elings Co  
Western Saw Works

#### **HEADS, SANDER, BRUSH BACKED**

Arcade Mfg Div Beckwith Mfg Co  
Vonnegut Moulder Corp

#### **HEADS, SPRINKLER**

Allen Mfg Co  
Dutton Irrigation Co  
Ross Sprinkler Co  
Salmone Irrigation Co

#### **HEARTH, CANTILEVER**

Douley Brothers

#### **HEATERS, BATHROOM**

Adam (Frank) Electric Co  
Day & Night Mfg Div Affiliated Gas Equipment Inc  
Electromote Mfg Corp  
Emerson Electric Mfg Co  
Galbraith (C C) & Sons  
La Salle Lighting Products Inc  
Market Electric Products Inc  
Miami Cabinet Div Cary (Philip) Mfg Co  
Peelers Mfg Co  
Shelby Mfg Co  
Westinghouse Electric Corp

#### **HEATERS, COAL**

Athens Stove Works  
American Radiator & Standard Sanitary Corp  
Anchor Div Stratton & Vestergaag Co Inc  
Donley Brothers  
Excelsior Stove & Mfg Co  
Gray & Dudley Co  
Hart Mfg Co  
International Heater Co  
King Stove & Range Co  
Kraus (Walter S) Co  
Malleable Iron Range Co  
Norge Heat Div Eng-Warner Corp  
Washington Stove Works

#### **HEATERS, CONCRETE**

Aeroll Products Co Inc

#### **HEATERS, ELECTRIC**

Armstrong Products Corp  
Eagle Electric Mfg Co Inc  
Excelsior Stove & Mfg Co  
Wayne Home Equipment Co

#### **HEATERS, ELECTRIC, PORTABLE**

Appliance Mfg Co  
Birman Electric Co  
Conoco Engineering Works Conkey (H D) Co  
Dorton Electric Mfg Co  
Dry Climate Lamp Corp  
Eatonmaster Products Co Inc  
Emerson Electric Mfg Co  
Galbraith (C C) & Sons  
General Electric Co Air Conditioning Dept  
Gilbert (A C) Co  
G M Laboratories Inc  
Imperial Motor Corp  
Inland Steel Products Co  
Juetric Mfg Co  
Knapp-Monarch Co  
Landers Frary & Clark  
La Salle Lighting Products Inc  
Lawson Mfg Co  
Market Electric Products Inc  
Miller-Somes Inc  
National Die Casting Co  
Nobilit-Sparan Industries Inc  
Noma Electric Co  
Radiant Heater Corp  
Rutensher Electric Co Inc  
Shelby Mfg Co  
Spartan Electric Co  
Superior Electric Products Corp  
Swarthout, Mfg Co  
Tennessee Valley Associated Merchants  
Tepler Appliances Co Inc  
Tepec Inc  
Thermador Electric Mfg Co  
Wells Lamp Corp  
Westinghouse Electric Corp  
Wittie Mfg & Sales Co

#### **HEATERS, GAS**

American Radiator & Standard Sanitary Corp  
Armstrong Products Corp  
Bryant Heater Div Affiliated Gas Equipment Inc  
Duo-Therm Div Motor Wheel Corp  
Empire Stove Co  
Falcon Co Circular Products Div  
Gray & Dudley Co  
Harrison Steel Cabinet Co  
Inland Steel Products Co  
Inland Steel Products Co  
King Stove & Range Co  
Portable Heater Co  
Quaker Mfg Co  
Remor Mfg Co  
Rund Mfg Co  
Shelby Mfg Co

#### **HEATERS, OIL**

Aeroll Products Co Inc  
Coleman Company  
Estate Stove Co Div Noma Electric Co  
Excelsior Stove & Mfg Co  
Fluorose Stove Co  
General Electric Co Air Conditioning Dept  
Gray & Dudley Co

#### **International Heater Co**

Kresky Mfg Co  
Leahy Stove Co  
Lindemann (A J) & Heveron Co  
Little (H C) Burner Co  
Loerman Mfg Co  
Machled Company  
Malleable Iron Range Co  
National Alroil Burner Co  
Norge Heat Div Eng-Warner Corp  
Northwest Metal Products Inc  
Perfection Stove Co  
Preston Wabers Products Co  
Silent Glow Oil Burner Corp  
U S Machine Corp  
Washington Stove Works  
Wayne Home Equipment Co  
York-Shelby Inc

#### **HEATERS, ROOM**

Adam (Frank) Electric Co  
Armstrong Products Corp  
Bryant Heater Div Affiliated Gas Equipment Inc  
Calorie Gas Stove Works  
Chattanooga Implement & Mfg Co  
Cole Hot Blast Mfg Co  
Coleman Co Inc  
Duo-Therm Div Motor Wheel Corp  
Electromote Corp  
Evans Products Co  
Excelsior Stove & Mfg Co  
Fluorose Stove Co  
Galbraith (C C) & Sons  
Homer Furnace & Foundry Corp  
Inland Steel Products Co  
Kalamazoo Stove & Furnace Co  
Kleen Heat Inc  
Kresky Mfg Co  
La Salle Lighting Products Inc  
Leahy Stove Co  
Little (H C) Burner Co Inc  
Malleable Co  
Market Electric Products Inc  
National Enameling & Stamping Co  
National Radiator Co  
Pajuro Furnace Co  
Peelers Mfg Corp  
Perfection Stove Co  
Preston Wabers Products Co  
Quaker Mfg Co  
Queen Stove Works  
Remor Mfg Co  
Rond Dab Co  
Shelby Mfg Co  
Silent Glow Oil Burner Corp  
Sizing Mfg Co  
U S Machine Corp

#### **HEATERS, TANK**

Brower Mfg Co  
Butler Company  
Colloid Enameling Co Inc  
Demopeter Mill Mfg Co  
Farwell Omm Kirk & Co  
National Alroil Burner Co  
Shelby Mfg Co  
Trent Inc

#### **HEATERS, UNIT**

American Gas Machine Co  
Braniff Mfg Co Inc  
Day & Night Mfg Div Affiliated Gas Equipment Inc  
Electromote Mfg Corp  
Estantal Propeller Fan Co Div Castle Hills Corp  
Kresky Mfg Co  
Little (H C) Burner Co  
Nelson (Herman) Corp  
Peelers Mfg Corp  
Surface Combustion Corp  
Temoce Inc  
Trane Company  
Utility Appliances Corp  
Weitz Electric Heater Co  
Young Radiator Co

#### **HEATERS, WALL**

Adam (Frank) Electric Co  
Adams Brothers Mfg Co  
Coleman Co Inc  
Coratone Heater Corp  
Electromote Corp  
Galbraith (C C) & Sons  
General Electric Co Air Conditioning Dept  
Holly Mfg Co  
Kresky Mfg Co Inc  
Landers Frary & Clark  
La Salle Lighting Products Inc  
Miami Cabinet Div Cary (Philip) Mfg Co  
Peelers Mfg Corp  
Shelby Mfg Co  
Thermador Electrical Mfg Co  
Titan Mfg Co  
Weitz Electric Heater Co  
Westinghouse Electric Corp

#### **HEATERS, WATER**

Airtemp Div Chrysler Corp  
Aldrich Co Div Brown Corp Inc  
American Gas Machine Co  
American Radiator & Standard Sanitary Corp  
Automatic Electric Co Inc  
Bard Mfg Co  
Bell & Gossett Co  
Bryant Heater Div Affiliated Gas Equipment Inc  
Clayton & Lambert Mfg Co  
Cleveland Heater Co  
Cleveland Steel Products Co Toribert Div  
Coleman Company

**List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67**

Collins Equipment Co Inc  
 Combustion Engineering-Superheater Inc  
 Conco Engineering Works Div Conkey (H D)  
 Co  
 Crane Company  
 Crane Electric Industries  
 Day & Night Mfg Div Affiliated Gas Equip-  
 ment Inc  
 Deico Appliance Div General Motors Corp  
 Donagiac Steel Furnace Co  
 Duo-Therm Div Motor Wheel Corp  
 Evans Products Co  
 Exevator Stove & Mfg Co  
 Fairbanks Morse & Co  
 Florence Slave Co  
 Frigidaire Div General Motors Corp  
 General Electric Co Appliances & Merchandise  
 Dept  
 General Water Heater Corp  
 Gillen (J L) Co  
 Hodges (M M) Co  
 Hotpoint, Inc  
 Hotstream Heater Co  
 Hynes & Cox Electric Co  
 International Heater Co  
 Johnson (H T) Co  
 Kelvinator Div Nash-Kelvinator Co  
 Kewanee Boiler Corp  
 King Stove & Range Co  
 Kover (L O) & Brother Inc  
 Kosky Mfg Co  
 Landon Fray & Clark  
 Lawson Mfg Co  
 Levens Steel Products Inc  
 Little (H C) Turner Co  
 McGraw Electric Co  
 Norge Heat Div Borg-Warner Corp  
 Puhler Company  
 Puhler Injector Co  
 Perfection Stove Co  
 Petroleum Heat & Power Co  
 Philco Corporation  
 Pioneer Water Heater Corp  
 Pittsburgh Water Heater Co  
 Quaker Mfg Co  
 Ray Oil Burner Co  
 Republic Heater Corp  
 Rosin Mfg Co  
 Road Mfg Co  
 Sav-T-Time Devices Inc  
 Seeco Corporation  
 Serrel Inc  
 Smith (A D) Corp  
 Standard Gas Equipment Corp  
 Swartzbaugh Mfg Co  
 Teco Heaters Inc  
 Thermaer Electrical Mfg Co  
 Timken Silent Automatic Div Timken Detroit  
 Xyle Co  
 Vestal Stove Co  
 Viking Mfg Corp  
 Waldorf Heater Co  
 Wayne Home Equipment Co  
 West Electric Heater Co  
 Westinghouse Electric Corp  
 White Products Corp  
 Whitehead (Jud) Heater Co  
 Williams Oil-O-Matic Div Eureka-Williams Co

#### HEATERS, WATER, TANKLESS

General Fittings Co  
 Thrush (H A) Co  
 Triplex Heating Specialties Co

#### HINGES, BALL BEARING

Allith-Prouty Mfg Co  
 Corbin (P & F) Div American Hardware Corp  
 Finsale Equipment Mfg Co  
 Hager (C) & Sons Hinge Mfg Co  
 Lockwood Hardware Mfg Co  
 McKinney Mfg Co  
 Richards-Wilcox Mfg Co  
 Rixson (Oscar C) Co  
 Stanley Works  
 Yale & Towne Mfg Co

#### HINGES, BUTT

Ajax Hardware Mfg Corp  
 Akron Hardware Mfg Corp  
 American Cabinet Hardware Corp  
 Champion Hardware Co  
 Clinton Lock Co  
 Corbin (P & F) Div American Hardware Corp  
 Earle Hardware Mfg Co  
 Finsale Equipment Mfg Co  
 Frantz Mfg Co  
 Garden City Plating & Mfg Co  
 Getty (H S) & Co Inc  
 Grand Specialties Co  
 Griffin Mfg Co  
 Hager (C) & Sons Hinge Mfg Co  
 Ideal Brass Works  
 Keisler Locks Inc  
 Lawrence Brothers  
 Lockwood Hardware Mfg Co  
 McKinney Mfg Co  
 National Lock Co  
 National Lock Co  
 Newark Lock Co Div Segal Lock & Hardware  
 Co  
 Pacific Brass & Hardware Mfg Co  
 Parker (S) Hardware Mfg Co  
 Penn Hardware Co  
 Richards-Wilcox Mfg Co  
 Russell & Erwin Div American Hardware Corp  
 Safe Padlocks & Hardware Co  
 Sager-Barrows Lock Works  
 Sargent & Co  
 Sharon Hardware Mfg Co  
 Skillman Hardware Mfg Co

Slaymaker Lock Co  
 Stanley Works  
 Wagner Mfg Co  
 Yale & Towne Mfg Co

#### HINGES, CONTINUOUS

Hager (C) & Sons Hinge Mfg Co  
 Knapp & Vogt Mfg Co  
 National Lock Co  
 Stanley Works

#### HINGES, DOOR, SPRING

American Cabinet Hardware Corp  
 Bommer Spring Hinge Co  
 Chicago Spring Hinge Co  
 Frantz Mfg Co  
 Harris Inc  
 Lawrence Brothers  
 Milwaukee Stamping Co  
 National Mfg Co  
 Sharon Hardware Mfg Co  
 Shelby Spring Hinge Co  
 Stanley Works

#### HINGES, FLOOR

Bommer Spring Hinge Co  
 Chicago Spring Hinge Co  
 Clinton Lock Co  
 Frantz Mfg Co  
 Hager (C) & Sons Hinge Mfg Co  
 National Mfg Co  
 Pittsburgh Plate Glass Co  
 Russell & Erwin Div American Hardware Corp  
 Shelby Spring Hinge Co  
 Stanley Works

#### HINGES, GATE

Chicago Spring Hinge Co  
 Corbin (P & F) Div American Hardware Corp  
 Cyclone Fence Div American Steel & Wire Co  
 Frantz Mfg Co  
 Griffin Mfg Co  
 Hager (C) & Sons Hinge Mfg Co  
 Keystone Steel & Wire Co  
 Lawrence Brothers  
 McKinney Mfg Co  
 Milwaukee Stamping Co  
 National Mfg Co  
 Penn Hardware Co  
 Russell & Erwin Div American Hardware Corp  
 Standard Bronze Co  
 Stanley Works  
 Wagner Mfg Co

#### HINGES, INVISIBLE

American Cabinet Hardware Corp  
 National Lock Co  
 Richards-Wilcox Mfg Co  
 Sons Mfg Co  
 Stanley Works

#### HINGES, STRAP

Akron Hardware Mfg Corp  
 Brainerd Mfg Co  
 Champion Hardware Co  
 Corbin (P & F) Div American Hardware  
 Corp  
 Eroo Mfg Co  
 Finsale Equipment Mfg Co  
 Frantz Mfg Co  
 Griffin Mfg Co  
 Hager (C) & Sons Hinge Mfg Co  
 Knapp & Vogt Mfg Co  
 McKinney Mfg Co  
 National Lock Co  
 National Brass Co  
 National Mfg Co  
 Parker (S) Hardware Mfg Corp  
 Peters (James) & Son  
 Richards-Wilcox Mfg Co  
 Russell & Erwin Div American Hardware Corp  
 Sharon Hardware Co  
 Slaymaker Lock Co  
 Standard Bronze Co  
 Stanley Works  
 Wagner Mfg Co

#### HOES, HORTAR

Boyle Mfg Co  
 True Temper Corp  
 Union Fork & Hoe Co

#### HOISTS, CHAIN

Chisholm Moore Hoist Corp Div Columbus-Mc-  
 Kinnon Chain Corp  
 Fred Chain Block Div American Chain &  
 Cable Co Inc  
 Moore Dry Kiln Co  
 Nordberg Mfg Co  
 Reading Chain & Block Corp  
 Western Foundry Co  
 Wright Hoist Div American Chain & Cable  
 Co Inc  
 Yale & Towne Mfg Co

#### HOISTS, CONCRETE BLOCK

Stearns Mfg Co Inc

#### HOISTS, ELECTRIC

King Mfg Co

#### HOISTS, MECHANICAL, POWERED

Allis Chalmers Mfg Co  
 American Engineering Co  
 American Hoist & Derrick Co  
 Bennett-Ireland Inc  
 Bridgeport Chain & Mfg Co  
 C H & E Mfg Co  
 Chisholm-Moore Hoist Corp Div Columbus-Mc-  
 Kinnon Chain Corp  
 Clyde Iron Works Inc  
 Colting Hoist Co  
 Construction Machinery Co  
 Detroit Hoist & Machine Co  
 Electro Lift Inc  
 Emrick Mfg Co  
 Fairbanks Morse & Co  
 Gifford-Wood Co  
 Harmschlagger Corporation  
 Hyster Company  
 Jager Machine Co  
 Kewanee Mfg Co  
 King Mfg Co  
 Lisbon Hoist & Crane Co  
 London Machinery Co  
 Master Electric Co  
 National Screw & Mfg Co  
 Noyo Engine Co  
 Reading Chain & Block Corp  
 Robbins & Myers Inc  
 Shaw Box Crane & Hoist Div Manning Max-  
 well & Moore Inc  
 Shepard Niles Crane & Hoist Corp  
 Silent Hoist & Crane Co  
 Starline Inc  
 Stummel Winch Co  
 Vulcan Iron Works Co  
 Washington Iron Works  
 Whittling Corp  
 Wright Hoist Div American Chain & Cable Co  
 Inc  
 Yale & Towne Mfg Co

#### HOISTS, PORTABLE, CONTRACTORS

Clinger Mfg Co  
 Construction Machinery Sales Co  
 Jager Machine Co  
 King Mfg Co

#### HOISTS, ROPE

C H & E Mfg Co  
 Clyde Iron Works Inc  
 Detroit Hoist & Machine Co  
 Franklin Equipment Co  
 Lansdon Mfg Co Inc  
 London Machinery Co  
 Noy Mfg Co  
 Original Enduras Co  
 Starline Inc

#### HOISTS, SKIP

Allis-Chalmers Mfg Co  
 American Hoist & Derrick Co  
 Resser Mfg Co  
 Brady Conveyors Corp  
 Concrete Transport Miner Co  
 Fairbanks Morse & Co  
 Fleming Mfg Co Inc  
 Gifford-Wood Co  
 Godfrey Conveyor Co  
 Hyster Company  
 Jager Machine Co  
 Link-Belt Co  
 Little Giant Products Inc  
 Nott & Fry Co  
 Shaw Box Crane & Hoist Div Manning Max-  
 well & Moore Inc  
 Silent Hoist & Crane Co

#### HOISTS, TRUCK

Anthony Company  
 Cenco Industries Inc  
 Getty (H S) & Co Inc  
 Heil Company  
 Hercules Steel Products Corp  
 Hyster Company  
 Kewanee Mfg Co  
 Little Giant Products Inc  
 Perfection Steel Body Co  
 St Paul Hydraulic Hoist Div Wood (Gar)  
 Industries Inc  
 Shaw Box Crane & Hoist Div Manning Max-  
 well & Moore Inc  
 Silent Hoist & Crane Co  
 Stummel Winch Co  
 Wood (Gar) Industries Inc

#### HOLDER, GLASS, AUTOMATIC MEASURING

Heller (W C) & Co  
 Pittsburgh Plate Glass Co  
 Red Devil Tools

#### HOLDERS, HOOKS AND BARS, CLOTHES LINE

Abel (John W)  
 Acme Metal Goods Mfg Co  
 Champion Hardware Co  
 Colonial Bronze Co

#### FANCO MFG DIV FALLS STAMPING & WELD-

ing Co  
 Ingers (E) Mfg Co  
 Judd (H L) Co Inc  
 Lawrence Brothers  
 Midland Co  
 New Holland Metals Co  
 Penn Hardware Co  
 Russell & Erwin Div American Hardware Corp  
 Sargent & Co  
 Sharon Hardware Mfg Co  
 Southern Galvanizing Co  
 Young Specialty Co

#### HOLDERS, RECORD FORMS, PORTABLE

National Cash Register Co

#### HOLDERS, SAND PAPER

Red Devil Tools

#### HONES

Behr-Manning Corp Div Norton Co  
 Carborundum Company  
 Getty (H S) & Co Inc

#### HOODS, VENTILATING KITCHEN

Rader Corrugating Co  
 Universal Blower Co  
 Vest-A-Blow Co

#### HOOKS, CHAIN

Brewer-Titchener Corp  
 Diamond Calk & Horseshoe Co  
 Grid Grip Mfg Co  
 Peary Mfg Co

#### HOOKS, CUP AND SHOULDER

Larson (Charles O) Co

#### HOOKS, PLASTIC

Columbus Plastic Products Inc  
 Finsale Equipment Mfg Co  
 Getty (H S) & Co Inc

#### HOOKS AND EYES, GATE

Larson (Charles O) Co

#### HOOKS AND EYES, SCREW

Astrup Company  
 Grand Rapids Brass Co  
 Hager (C) & Sons Hinge Mfg Co  
 Judd (H L) Co Inc  
 Larson (Charles O) Co  
 Lawrence Brothers  
 National Lock Co  
 Sargent & Co  
 Washburn Company

#### HOPPERS, AUTOMATIC WEIGHING

Boser Mfg Co  
 Butler Bin Co  
 Construction Machinery Co  
 Johnson (C S) Co  
 Toledo Scale Co  
 Worthington Pump & Machinery Corp Ransome  
 Div

#### HORSES, SAW

Gabriel Steel Co  
 Leach Company  
 National Tool & Die Co  
 Newark Ladder & Bracket Co Inc  
 Toledo Pressed Steel Co  
 Teutic Mfg Co

#### HOSE, AIR COMPRESSOR

Acme Rubber Mfg Co  
 Boston Woven Hose & Rubber Co  
 Broadway Rubber Mfg Co  
 Cincinnati Rubber Mfg Co  
 De Villiers Company  
 Gates Rubber Co  
 Goodall Rubber Co  
 Goodrich (B F) Co  
 Hayes-Bar-Manhattan Inc Manhattan Rubber  
 Div  
 Republic Rubber Div Lee Rubber & Tire Corp  
 Sta-Warm Electric Co  
 Thermoid Company  
 Union Rubber & Asbestos Co  
 U S Rubber Co

#### HOSE, GARDEN

Acme Rubber Mfg Co  
 Boston Woven Hose & Rubber Co  
 Broadway Rubber Mfg Co  
 Cincinnati Rubber Mfg Co  
 Diamond Rubber Div Goodrich (B F) Co  
 Franklin Rubber Corp  
 Gates Rubber Co  
 Goodall Rubber Co  
 Goodrich (B F) Co  
 Goodroad Tire & Rubber Co  
 Hewitt Rubber Div Hewitt-Robins Inc  
 Keystone Brass & Rubber Co  
 Plymouth Rubber Co Inc  
 Quaker Rubber Corp  
 Raybestos-Manhattan Inc Manhattan Rubber  
 Div

AMERICAN BUILDER

List of Manufacturers' Names With  
 Complete Addresses Starts on Page D-67.

Republic Rubber Div Lee Rubber & Tire Corp  
 Stylin Industries  
 Thermold Co  
 Trenton Rubber Mfg Co  
 Union Rubber & Asbestos Co  
 U S Rubber Co  
 Woven Steel Hose & Rubber Co

**HOSE, INDUSTRIAL**

Goodrich (B F) Co

**HOSE, LINEN FIRE**

Allen (W D) Mfg Co  
 Boston Woven Hose & Rubber Co  
 Breadway Rubber Mfg Co  
 Goodall Rubber Co  
 Hays-Boston-Manhattan Inc Manhattan Rubber  
 Div  
 Union Rubber & Asbestos Co  
 U S Rubber Co  
 Wirt & Knox Mfg Co

**HOUSES, PREFABRICATED**

Adiroquad Log Cabin Co Inc  
 Admiral Homes Inc  
 Allied Housing Associates Inc  
 American Homes Inc  
 Anchorage Homes Inc  
 Bato Prefabricated Structures  
 Bennett Lumber Corp  
 Blaw-Knox Div Blaw-Knox Co  
 Bralor Homes Inc  
 Bridges (W F)  
 Burke Millwork Co  
 Bush Prefabricated Structures Inc  
 Capital Prefab Inc  
 Celotex Corporation  
 Charlotte Lumber & Mfg Co  
 City Lumber Co Inc  
 Compo-Miracle Products Co  
 Crawford Corporation  
 Currier Lumber Co  
 Dade Brothers Inc  
 Drycembel Homes Inc  
 Durahill Homes Co  
 Economy Housing Co  
 Factory Built Homes Inc  
 Ford (Iron B) Inc  
 Fox Brothers Mfg Co  
 GRH-Way Homes Inc  
 General Housing Co  
 General Industries Int  
 General Panel Corp  
 Greens Lumber Co  
 Gunnison Homes Inc  
 Harnischfeger Corp Homes Div  
 Hodgson (E F) & Son  
 Homastone Company  
 Housler Homes Inc  
 Houston Blow Pipe & Sheet Metal Works  
 Houston Ready-Cut Homes Co  
 Illinois Lumber Mfg Co  
 Indiana Inconvertible Housing Inc  
 Intermountain Homes  
 Johnson Company  
 Johnson Quality Homes Inc  
 Klinger Div Hill Mfg Co  
 K & M Corp  
 Knox Corporation  
 Lattinco Inc  
 Le Toumeur (R O) Inc  
 Lewis Mfg Co  
 Lumber Fabricators Inc  
 Minter Homes Corp  
 National Homes Corp  
 Nichols & Cox Lumber Co  
 Panhandle American Homes  
 Pease Woodwork Co Inc  
 Pfandlind Lumber & Supply Co  
 Precision Built Homes Corp  
 Precision Homes Co  
 Preen Corporation  
 Pre-Pab Industries  
 Prefab Mfg Co  
 Prefabricated Home Mfrs Institute  
 Prefabricated Products Co  
 PrefabStructures Inc  
 Reynolds Metals Co Building Products Div  
 Rice Laminated Products Inc  
 Rock Island Lumber Co  
 St. Elmo Housing Corp  
 Scott Lumber Co  
 Shelter Industries Inc  
 Soule Steel Co  
 Southern Mill & Mfg Co  
 Southwest American Homes  
 Southwestern Sash & Door Co  
 Hanway Prefabricated Building Co  
 Stuebel Mfg Co  
 Strip-Steel Div Great Lakes Steel Corp  
 Stratum-Corpus  
 Super-Structures Inc  
 Texas Prefabricated Housing Co  
 Thayer Mfg Corp Pullman Homes Div  
 Timber Structures Inc  
 Trucon Steel Co  
 U S Challenge Co  
 U S Homes Inc  
 U S Prefabricating Corp  
 U S Fabricators Inc  
 Unit Structures Inc  
 Universal Fabricating & Mfg Co  
 Well Built Mfg Co  
 Weyerhaeuser Sales Co  
 Winston (N K) Associates

**HOUSES, SCALE MODEL**

Architectural Model Materials  
 Curtis Companies Inc  
 Home Planner Inc  
 Homes Center

Jayline Mfg Co Inc  
 Miniature Lumbercraft Co  
 National Plan Service Inc

**HYDRANTS**

American Foundry & Mfg Co  
 Columbian Pump Co  
 Crane Company  
 Eddy Valve Co  
 Murdoch Mfg & Supply Co  
 Woodford Hydrant Co

**INCINERATORS**

American Incinerator Co  
 Clear Mfg Co  
 Detroit-Michigan Store Co  
 Dunley Brothers  
 Ewing Incinerator Co  
 Fluke (J W) Iron Works  
 Houston Blow Pipe & Sheet Metal Works  
 Incinerator Products Co  
 Industrial Iron Works  
 Kerner Incinerator Div Morse-Boulger De-  
 structer Co

Mastic Company  
 Morse Boulger Destructor Co  
 Pittsburgh Incinerator Co  
 Seattle Boiler Works  
 Watson Sales Mfg Co  
 Whelling Corrugating Co

**INDICATORS, BUTTON**

Lockwood Hardware Mfg Co

**INKS, LUMBER MARKING**

Markwell Mfg Co Inc  
 Mathews (James B) & Co

**INSECTICIDES**

Abeite Mfg Corp  
 Agchem Inc  
 American Agricultural Chemical Co  
 American Cyanamid Co  
 American Oil Co  
 Benzol Company  
 Borle Midway Inc  
 Camp Chemical Co Inc  
 Carthola Chemical Co Inc  
 Carboliteum Wood Preserving Co  
 Cedacote Mfg Co  
 Chapman Chemical Co  
 Chemical Supply Co  
 Crescent Products Co  
 Dew Chemical Co  
 DuPont (E I) of Nemours & Co  
 Glidden Company  
 Gordon (George C) Chemical Co  
 Gulf Oil Corp  
 Harris Products Co Inc  
 Harrop Chemical Co  
 Hollingshead (R M) Corp  
 Koppers Co Inc  
 Lilly Products Co  
 Link (H E) Co Inc  
 Melinhardt (J A) & Co  
 Monsanto Chemical Co  
 Nourse Oil Co  
 O'Ceard Corporation  
 One-Spot Co  
 Pennontreats Salt Mfg Co  
 Pittsburgh Glass Co  
 Plumbert Chemical Co  
 Protection Products Mfg Co  
 Puritan Chemical Co  
 Retroneum Products Co Inc  
 Sweeney-Williams Co  
 Sinclair Refining Co  
 Soudur-Vacuum Oil Co Inc  
 Subarg Sales Div Allied Chemical & Dye Corp  
 Standard Oil Co of Ind  
 Swift & Co  
 Tansford Company  
 U S Rubber Co  
 Vaporline Company  
 Wood-Treating Chemicals Co

**INSTRUMENTS, DRAFTING**

Dietszen (Eugene) Co  
 Eberhard Faber Pencil Co  
 Higgins (Charles M) Co  
 Knuffel & Euser Co  
 Loomis Industries  
 Palett & Esler Inc  
 Post (Frederick) Co  
 Eagle-Picher Co  
 Smith (H E) Co  
 Felt-O-Pak Drafting Machine Corp  
 Warren-Knight Co  
 White (David) Co  
 Woodrow Engineering Co

**INSTRUMENTS, INDICATING, RECORDING AND CONTROLLING**

Bradley (L B) & Co  
 Fuchson Company  
 General Electric Co Apparatus Dept  
 Minneapolis Honeywell Regulator Co  
 Moore Div Kilo Co  
 Newark Boiler Regulator Corp  
 Tagliabue (C J) Corp  
 Taylor Instrument Co

**INSTRUMENTS, SURVEYING**

Chicago Steel Tape Co  
 Dietzgen (Eugene) Co  
 Goldblatt Tool Co  
 Knuffel & Euser Co  
 Keystone Asphalt Products Co  
 Post (Frederick) Co  
 Royal Oak Industries  
 Starrett (L S) Co  
 Warren-Knight Co  
 White (David) Co

**INSULATION, ALUMINUM FOIL**

Barnhardt Mfg Co  
 Certain-Teed Products Corp  
 Infra Insulation Inc  
 Insul-Cotton Div Taylor Bedding Mfg Co  
 National Gypsum Co  
 Protective Papers Inc  
 Reynolds Metals Co Building Products Div  
 U S Gypsum Co

**INSULATION, BATT OR BLANKET, COTTON FIBER**

Barnhardt Mfg Co  
 Celotex Corp  
 Certain-Teed Products Corp  
 Gilman Brothers Corp  
 Insul-Cotton Div Taylor Bedding Mfg Co  
 Insulation Industries Inc  
 Jaxsonville Cotton Mills Co  
 Lockport Cotton Basting Co  
 National Cotton Council  
 Reynolds Metals Co Building Products Div  
 Standard Cotton Products Co  
 Taylor Bedding Mfg Co  
 U S Rubber Co

**INSULATION, BATT OR BLANKET, COTTON FIBER, ALUMINUM FOIL**

Insul-Cotton Div Taylor Bedding Mfg Co  
 Insulation Industries Inc  
 Lockport Cotton Basting Co  
 Standard Cotton Products Co

**INSULATION, BATT OR BLANKET, FIBROUS GLASS**

Owens-Corning Fiberglas Corp

**INSULATION, BATT OR BLANKET, MINERAL WOOL**

Acme Adhesives Covering & Flooring Co  
 Armstrong Cork Co  
 Baldwin-Hill Co  
 Barrett Div Allied Chemical & Dye Co  
 Carey (Philip) Mfg Co  
 Carney Co Inc  
 Celotex Corp  
 Certain-Teed Products Corp  
 Coast Insulating Products  
 Corson (G & W B) Inc  
 Eagle-Picher Co  
 Fildes-Moore & Co  
 Filinolate Company  
 Ford Bonding Products Co  
 Forty-Eight Insulations Inc  
 Great Lakes Carbon Corp Building Products  
 Div  
 Insulate Div Minnesota & Ontario Paper Co  
 Johns-Manville Corp  
 Kelley Island Lime & Transport Co  
 Kimberly Clark Corp Kinnul Div  
 Lebon Company  
 Masonite Corporation  
 National Gypsum Co  
 National Rock Wool Sales Inc  
 Plastergen Wall Board Co  
 Riverton Lime & Stone Co Inc  
 Ruberoid Company  
 Sealrite Insulation Mfg Corp  
 Tennessee Products & Chemical Corp  
 U S Mineral Wool Co

**INSULATION, BATT OR BLANKET, WOOD FIBER**

Cabot (Samuel) Inc  
 Kimberly-Clark Corp  
 Masonite Corporation  
 Pacific Lumber Co  
 Simpson Logging Co  
 Wood Conversion Co

**INSULATION, BLOWING WOOL**

Acbestos Asphalt & Insulation Inc  
 Barrett Div Allied Chemical & Dye Corp  
 Burton (S T) Co  
 Eagle-Picher Co  
 Forty-Eight Insulations Inc  
 Fel-O-Pak Insulation Co  
 Sealrite Insulation Mfg Co

**INSULATION, BOARD, CORK**

Armstrong Cork Co Building Materials Div

**INSULATION, BOARD, FIBER**

Air-O-Cel Co  
 Armstrong Cork Co  
 Bird & Son Inc  
 Celotex Corporation  
 Certain-Teed Products Corp  
 Fildes-Moore & Co  
 Fir-Tex Insulating Board Co

Filinkote Company  
 Homastone Company  
 Insulate Div Minnesota & Ontario Paper Co  
 Johns-Manville Corp  
 Kimberly-Clark Corp  
 National Gypsum Co  
 Plastergen Wall Board Co  
 Ruberoid Div Great American Industries  
 Simpson Logging Co  
 U S Gypsum Co  
 Wood Conversion Co

**INSULATION, BOARD, MINERAL WOOL**

Acme Adhesives Covering & Flooring Co  
 Armstrong Cork Co Building Materials Div  
 Baldwin-Hill Co  
 Carey (Philip) Mfg Co  
 Chicago Fire Brick Co  
 Coast Insulating Products  
 Corson (G & W B) Inc  
 Fildes-Moore & Co  
 Green (A F) Fire Brick Co  
 Johns-Manville Corp  
 Long-Long Co  
 Owens-Corning Fiberglas Corp  
 Standard Asbestos Mfg Co  
 Reynolds Metals Co Building Products Div

**INSULATION, BOARD, REFLECTIVE**

Air-O-Cel Co

**INSULATION, CORK**

Cork Import Corp

**INSULATION, GLASS (FOAM)**

Pittsburgh Plate Glass Co  
 Standard Asbestos Mfg Co

**INSULATION, GLASS, CELLULAR**

Pittsburgh Corning Corp

**INSULATION, GRANULAR FILL, EXPANDED, VERMICULITE, ETC**

Alexander Film Co Alexite Engineering Co  
 Div  
 American Birkoid Co  
 American Vermiculite Co Inc  
 Asbestos Supply Co  
 Empire Roofing & Insulation Co  
 Gladding McBean & Co  
 Great Lakes Carbon Corp  
 Insulation Service Co  
 Intermountain Insulation Co  
 Mineral Products  
 Rumm & Steele Inc  
 Northwest Insulation Co  
 Robinson Insulation Co  
 Schumider (F E) & Co Inc  
 Vermiculite Products Corp  
 Western Mineral Products Co  
 Zonolite Co

**INSULATION, LOOSE FILL, GLASS**

Armstrong Cork Co Building Materials Div  
 Carey Co Inc  
 Certain-Teed Products Corp  
 Fildes-Moore & Co  
 Filinkote Co  
 Insulate Div Minnesota & Ontario Paper Co  
 Kelley Island Lime & Transport Co  
 Owens-Corning Fiberglas Corp

**INSULATION, LOOSE FILL, MINERAL WOOL**

Acme Adhesives Covering & Flooring Co  
 Allon Mineral Wool Co  
 American Rock Wool Co  
 Asbestos Asphalt Insulation Inc  
 Baldwin-Hill Co  
 Barrett Div Allied Chemical & Dye Corp  
 Breadway Rubber Mfg Co  
 Burton (S T) Co  
 Carey (Philip) Mfg Co  
 Carney Co Inc  
 Celotex Corp  
 Certain-Teed Products Corp  
 Chamberlin Co of America Inc  
 Chicago Fire Brick Co  
 Coast Insulating Products  
 Corson (G & W B) Inc  
 Eagle-Picher Co  
 Great Lakes Carbon Corp Building Products  
 Div  
 Insulate Div Minnesota & Ontario Paper Co  
 Johns-Manville Corp  
 Kelley Island Lime & Transport Co  
 Lebon Co  
 National Gypsum Co  
 National Mineral Wool Association  
 National Rock Wool Sales Inc  
 Owens-Corning Fiberglas Corp  
 Plastergen Wall Board Co  
 Riverton Lime & Stone Co Inc  
 Sealrite Insulation Mfg Corp  
 Standard Asbestos Mfg Co  
 Tennessee Products & Chemical Corp  
 U S Gypsum Co  
 U S Mineral Wool Co

**INSULATION, LOOSE FILL, WOOL CELLULOSE**

Filinkote Co  
 Hines (Edward) Lumber Co  
 Pacific Lumber Co  
 Fel-O-Pak Insulation Co Inc

List of Manufacturers' Names With Complete Addresses Starts on Page D-67

**INSULATION, PLASTIC**

Acme Adhesives Covering & Flooring Co  
Acme Brick Co  
American Phenolic Corp  
Borden Co Chemical Div  
Cary (Phillip) Mfg Co  
Chicago Fire Brick Co  
Dow Chemical Co  
Mexico Refractories Co  
Mittite Corp  
Quigley Co  
Standard Adbestos Mfg Co  
Superior Plastic Div Commonwealth Plastics Inc

**INSULATION, PIPE**

Owens-Illinois Glass Co Kaylo Div

**INSULATION, REFLECTIVE TYPE**

American Flange & Mfg Co Inc  
Certain-Seed Products Corp  
Gillman Brothers  
Intra Insulation Inc  
Kimberly-Clark Corp  
Lockport Cotton Batting Co  
Mastic Corp  
National Gypsum Co  
Protective Papers Inc  
Bryonide Metals Co Building Products Div  
Richkraft Co  
Sealtite Insulation Mfg Corp  
Silverline Products Inc  
Sisalcraft Co  
Taylor Bedding Mfg Co  
U S Gypsum Co

**INSULATION, ROOF, DECK**

Perote Mfg Co  
Simpson Lazing Co

**INSULATION, SPRAY-ON**

Green (A F) Fire Brick Co  
Minnesota Mining & Mfg Co  
Spray-Flax Insulation Co

**IRON, ORNAMENTAL**

Artercraft Ornamental Iron Co  
Bader Wire & Iron Works Inc  
Belloni Co  
Belton Mfg Co  
Birmingham Ornamental Iron Co  
Cincinnati Iron Fence Co  
Coffman (E G) Co  
Dallas Iron & Wire Works  
Davis & Siehl Co  
Fawcett Mfg Div Falls Stamping & Welding Co  
Florida Metalcrafters  
Johnson Industries Inc  
Locke Mfg Co  
Logan Co  
Metal Crafters Inc  
Meyers (Fred L) Mfg Co  
National Association Ornamental Metal Mfrs  
Newman Brothers Inc  
Rock Island Millwork Co  
Ransom Ornamental Iron Co  
Stewart Iron Works Co Inc

**IRONS, SOLDERING**

Barratt (William L) Co  
Eagle Electric Mfg Co  
Electric Soldering Iron Co  
Turner Brass Works  
Wagon Electric Inc  
Wall (P) Mfg Co

**IRONS, SOLDERING, ELECTRIC**

Everbret Mfg Co  
General Electric Co Appliance & Merchandise Dept  
Ideal Industries Inc  
Leah Mfg Co  
Stanley Tools Div Stanley Works

**IRRIGATORS, SOIL**

Allen (W D) Mfg Co  
Hastings Canvas & Mfg Co  
Iri-Gator Mfg Co  
Krypton Brass & Rubber Co  
Mesomer Brass Co  
Schwartz Iron Products Co  
Wagner Sewing & Mfg Co  
Wenzel (H) Tent & Duck Co

**JACKS, ADJUSTABLE, WOOD-STEEL**

Breyer Brothers Whiting & Co  
Flint (A W) Co  
M & M Wire Clamp Co  
Newark Ladder & Bracket Co Inc  
Sporston (N P) Co  
United Metal Products Inc

**JACKS, HOUSE**

American Scale Co  
American Sheet & Foundry Co  
Berg (John) Mfg Co  
Buda Company  
Duff-Norton Mfg Co  
Joyce-Cridland Co  
Red Star Products Inc  
Sporston (N P) Co  
Stimmel Winch Co  
Sweet (A L) Iron Works  
Templeton Kenly & Co

**JACKS, LADDER**

Rabeck (W W) Co Inc  
Bauer Mfg Co  
Breyer Brothers Whiting & Co  
Flint (A W) Co  
Goshen Mfg Co  
Heider Mfg Co  
Holland Ladder & Mfg Co  
John's Mfg Co  
Howard Mfg Co  
Hyde Mfg Co  
Moulton Ladder Mfg Co  
Ridgely Trimmer Co  
Robin Machine Co  
Tilley (John B) Ladders Co Inc  
Tolsted Interlocking Products

**JACKS, SLIP-FORM RAISING**

Duff-Norton Mfg Co

**JALOUSIES**

Casement Hardware Co  
Gate City Sash & Door Co  
Lindman Corp  
Por-Tect-U Jalousie Corp  
Russell (F C) Co  
Thorn (J H) Co

**JAMBS, DOOR, PACKAGED**

Rock Island Millwork Co

**JIGS, BORING**

Lockwood Hardware Mfg Co  
Corbin (P & F) Div American Hardware

**JIGS, LOCK MORTISING**

Kerth Locks Inc  
National Brass Co  
Vimcar Sales Co  
Westwood Mfg Co

**JOINTERS**

Atlas Press Co  
Brockwell Mfg Co Power Tool Div  
Walker-Turner Div Kearney & Trecker Corp

**JOINTERS, MASON'S**

Adams (E F) Inc  
Dinton (Henry) & Sons Inc  
Economy Mfg Co  
Goldblatt Tool Co  
Marshalltown Trowel Co  
Palme (Benjamin) Co

**JOINTERS, SAW**

Atkins (E C) & Co  
Boise Crane Co  
Dinton (Henry) & Sons Inc  
Heston & Anderson Div St Paul Foundry & Mfg Co  
Oliver Machinery Co  
Power (L) & Co  
Preston Co  
Stetson-Ross Machine Co  
Wallace (J D) & Co  
Vator-American Machine Co

**JOINTS, EXPANSION**

Cary (Phillip) Mfg Co  
Ceco Steel Products Co  
Centex Corp  
Flintstone Co  
Horn (A C) Co  
John-Manville Corp  
Kryptonite Amalgam Products Co  
Meadows (W R) Inc  
Pittsburgh Corning Corp  
Freshtite Engineering Co  
Protective Papers Inc  
St Paul Corrugating Co  
Servinized Products Corp  
Tuffall Inc

**JOINTS, METAL**

Brasco Mfg Co  
New Holland Metals Co  
Bryonide Metals Co Building Products Div  
Seale Steel Co

**JOISTS, CONCRETE, PRECAST**

Lithiber Co  
Price Brothers

**JOISTS, STEEL**

Bethlehem Steel Co  
Carnegie-Illinois Steel Corp  
Ceco Steel Products Corp  
Gabriel Steel Co  
Haven Busch Co  
International Steel Co  
Jones & Laughlin Steel Co  
Laclede Steel Co  
Macomber Inc

Seale Steel Co  
Stran-Steel Div Great Lakes Steel Corp  
Trucon Steel Co

**KEYS, BLANK**

Atlas-Anonia Co  
Barrows Lock Works  
Clinton Lock Co  
Corbin (P & F) Div American Hardware Corp  
Lockwood Hardware Mfg Co  
Master Lock Co  
Pratt Hardware Co  
Russell & Lewis Div American Hardware Corp  
Sager-Barrows Lock Works  
Skillman Hardware Co  
Slamback Lock Co  
Technical Glass Co Inc  
Yale & Towne Mfg Co

**KITCHENS, UNIT**

Dwyer Products Co

**KITS, HOME PLANNING**

Home-Organizer Planner Inc

**KITS, MODELMAKING**

American Model Railroad Co Inc  
Berkeley Models Inc  
Harbour Co  
Lionel Corp  
Megow Howard & Oxford  
Rom Chemical & Mfg Co  
Scale-Models

**KNIVES, FIBER BOARD**

Black & Decker Mfg Co  
Kimball Mfg Co Inc  
Stanley Works

**KNIVES, HIGH SPEED**

Atkins (E C) & Co  
Dinton (Henry) & Sons Inc  
Elkstrom Carlson & Co  
Hutter Brothers Saw Mfg Co Inc  
Oliver Machinery Co  
Taylor-Stiles & Co  
Woods (S A) Machine Co

**KNIVES, MACHINE**

American Knife Co  
Atkins (E C) & Co  
Dinton (Henry) & Sons Inc  
Holmes (E & B) Machinery Co  
Hutter Brothers Saw Mfg Co Inc  
Oliver Machinery Co  
Simonds Saw & Steel Co  
Taylor-Stiles & Co  
Woods (S A) Machine Co

**KNIVES, PUTTY, ROOFING, LINOLEUM**

Barnett (W L) Co  
Bridgeport Hardware Mfg Corp  
E & T Metals Co  
Edwards Mfg Co  
Foster Corp  
Getty (H S) & Co Inc  
Glenister Tool Mfg Co  
Goldblatt Tool Co  
Handy Things Mfg Co  
Hyde Mfg Co  
Kier-Vue Knife Rack Co Inc  
Landers Frary & Clark  
Leban Co  
Macklanburg-Duncan Co  
Metal Trims Inc  
Modern Specialties Co  
Murray-Black Co  
Parler (Ira) & Sons Co  
Pittsburgh Plate Glass Co  
Red Devil Tools  
Ridgely Trimmer Co  
Robeson Cutlery Co Inc  
Russell Harrington Co  
Sandvik Saw & Tool Corp  
Schrade (George)  
Seal Rite Caulking Co Inc  
Southington Hardware Mfg Co  
E & W Southington Co  
Taylor-Stiles & Co  
Tuck Mfg Co  
Warner Mfg Co  
Youngtown Mfg Inc

**KNIVES, VENEER**

Atkins (E C) & Co  
Dinton (Henry) & Sons Inc

**LACERS, BELT**

Chicago Bolting Co  
Clippert Belt Lacer Co  
Flexible Steel Lacing Co  
Hais (Geo) Mfg Co Div Pettibone Mulliken Corp  
Schieren (Chas A) Co  
Union Rubber & Asbestos Co

**LACING, BELT**

Armstrong Bray & Co  
Bristol Co

Caldwell Lace Leather Co  
Flexible Steel Lacing Co

**LACQUER**

Acan White Lead & Color Works  
Alabastine Paint Products Div Chicago  
Bronze & Color Works  
American Maripita Co  
American Varnish Co  
Berry Brothers Inc  
Brevin Brothers Inc  
Dewess & Reynolds Co Inc  
Du Pont (E I) de Nemours & Co Inc  
Glidden Co  
Grand Rapids Varnish Corp  
Horn (A F) Co Inc  
Lowe Brothers Co  
Lucus (John) & Co  
Martin-Senou Co  
Mengel Co Inc  
Munby Paint Mfg Co  
Munby Paint Div Interchemical Corp  
O'Brien Corp  
Patterson Sargraf Co  
Pittsburgh Plate Glass Co  
Pratt & Lambert Inc  
Sherwin-Williams Co  
Standard Industrial Products Inc  
Standard Varnish Works  
Steeleite Mfg Co  
Valentine & Co Inc  
Woodfinishing Products Co

**LADDERS, ALUMINUM**

Aluminum Ladder Co  
Chesley Industries Inc

**LADDERS, STEEL**

Arvis Mfg Co  
Chesley Industries Inc  
Fiswale Equipment Mfg Co  
International Steel Co  
Logan Co  
Newark Ladder and Bracket Co Inc  
Patent Scaffolding Co Inc

**LADDERS, WOOD, ALL TYPES**

American Ladder Co  
Rabeck (W W) Co  
Rear Mfg Co  
Bel & Company Inc  
Berg (John) Mfg Co  
Breyer Brothers Whiting Co  
Clark (J B) Co  
Craft-Bilt Products Inc  
Davenport Ladder Co  
Flint (A W) Co  
Goshen Churn & Ladder Co  
Goshen Mfg Co  
Hess (Harry A) & Son  
Heider Mfg Co  
Holland Ladder & Mfg Co  
Hogans (W C) Co  
Howard Mfg Co  
Inland Mfg Co  
Los Angeles Ladder Co  
Michigan Ladder Co  
Meyer (W F) & Sons Inc  
Minnesota Wood Specialties Inc  
Moulton Ladder & Specialty Co  
Newark Ladder & Bracket Co Inc  
Patent Scaffolding Co Inc  
Powers Ironing Board & Specialty Co  
Pittsburgh Plate Glass Co  
Rich (Howard B)  
Rich Ladder & Mfg Co  
Richards-Wilcox Mfg Co  
Rose Mfg Co  
Smith (E A) Mfg Co  
Tayama Lumber Fabricating Co  
Tilley (John S) Ladders Co  
Topping Ladder Co  
White Wood Products Co  
Willamette Valley Lumber Co  
Woodware Products Corp  
Young (J Q) Co  
Zoss Ladder & Mfg Co

**LAMINATES, PLASTIC**

Aetna Plywood & Veneer Co  
Abercote Co Ltd  
Coddington (E D) Mfg Co  
Consolidated Water Power & Paper Co  
Fisher-Moore & Co  
Formica Co  
General Electric Co Chemical Dept  
Globe Rubber Co  
Parkwood Corp  
Roddie Plywood Corp  
St Regis Paper Co  
U S Plywood Corp  
Westinghouse Electric Corp  
Woodall Industries Inc

**LAMPS, BACTERICIDAL**

General Electric Co Lamp Dept  
Sylvania Electric Products Inc  
Westinghouse Electric Corp Lamp Div

**LAMPS, ELECTRIC, INCANDESCENT**

General Electric Co Lamp Dept  
Pennsylvania Illuminating Corp  
Safety Electric Co  
Sylvania Electric Products Inc  
Vard-A-Bar Corp  
Westinghouse Electric Corp Lamp Div

**LAMPS, TUBE, FLUORESCENT**

General Electric Co Lamp Dept  
Sylvania Electric Products Inc  
Westinghouse Electric Corp Lamp Div

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

**LAMPS & LANTERNS, CAMP**

Parker (Charles) Co  
Coleman Co Inc  
Cupples Co  
Devar Mfg Co  
Diets (E H) Co  
Eren Mfg Co  
Guth (Edwin F) Co  
Industrie Mfg Co  
Miller (Robert E) & Co Inc  
National Stamping & Electric Works  
Overmer-Pearan Glass Co

**LANTERNS, ORNAMENTAL IRON**

Stewart Iron Works Co Inc

**LATCHES**

Champion Hardware Co  
Clinton Lock Co  
Corbin (F & F) Div American Hardware Corp  
Duncan Shaw Corp  
Hager (C) & Son Hinge Co  
Ideal Brass Works  
Knappe & Vogt Mfg Co  
Lockwood Hardware Mfg Co  
National Lock Co  
Parlyn Ltd  
Pena Hardware Co  
Sager-Barrows Lock Works  
Shillman Hardware Co  
Technical Glass Co  
Wagner Mfg Co

**LATCHES, GATE**

Barrows Lock Works  
Clinton Lock Co  
Corbin (F & F) Div American Hardware Corp  
Fisale Equipment Mfg Co  
Frantz Mfg Co  
Hager (C) & Sons Hinge Mfg Co  
Ideal Brass Works Inc  
Lockwood Hardware Mfg Co  
McKinney Mfg Co  
National Brass Co  
Norwalk Lock Co  
Reading Hardware Corp  
Russell & Erwin Div American Hardware Corp  
Sargent & Co  
Sharon Hardware Mfg Co  
Sturmaker Lock Co  
Standard Bronze Co  
Stanley Works  
Starline Inc  
Wrightville Hardware Co

**LATCHES, MAGNETIC FOR CUPBOARD DOORS**

Laboratory Equipment Corp

**LATH, COMPOSITION OR KEY**

John-Manville Corp  
Sommer Metalcraft Corp

**LATH, GYPSUM**

Celotex Corp  
Certain-teed Products Corp  
Grand Rapids Plaster Co  
National Gypsum Co  
Schumacher Wall Board Corp  
U S Gypsum Co

**LATH, INSULATING**

Armstrong Cork Co Building Materials Div  
Celotex Corp  
Fir-Tex Insulating Board Co  
Flintkote Co  
Insulate Div Minnesota & Ontario Paper Co  
John-Manville Corp  
Keystone Asphalt Products Co  
National Gypsum Co  
Plastering Wall Board Co  
Simpson Logging Co  
U S Gypsum Co  
Wood Conversion Co

**LATH, METAL**

Alabama Metal Lath Co  
Allen Steel Products  
Berger Mfg Div Republic Steel Corp  
Bostwick Steel Lath Co  
Ceco Steel Products Corp  
Goldsmith Metal Lath Co  
Inland Steel Products Co  
Keystone Steel & Wire Co  
Metal Lath Mfrs Association  
National Gypsum Co  
Pena Metal Co Inc  
Pittsburgh Steel Products Co  
Raynolds Metals Co Building Products Div  
St Paul Corrugating Co  
Sealco Products Inc  
Solek Steel Co  
Trucon Steel Co  
U S Gypsum Co  
Wheeling Corrugating Co  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

**LATH, WOOD**

Connor Lumber & Lath Co

**LATHES**

Atlas Press Co  
Rockwell Mfg Co Power Tool Div  
Wallace (J D) & Co

**LATHES, HOME WORKSHOP**

Arady Mfg Co Div Rockwell Mfg Co  
Blount (J G) Co  
Boles-Crane Co  
Delta Mfg Div Rockwell Mfg Co  
Horton & Anderson Div Paul Engineering & Mfg Co  
Power King Tool Corp  
South Bend Lathe Works  
Toolcraft Corp  
Walker-Turner Div Kearney-Trecker Co Inc  
Wallace (J D) & Co  
Yates-American Machine Co

**LATHING, SUSPENDED CEILING SYSTEMS**

Armstrong Cork Co Building Materials Div  
Pittsburgh Steel Products Co  
U S Gypsum Co

**LEAD, RED**

American Varnish Co  
Berry Brothers Inc  
Bretling Brothers Inc  
Burdal (A) Co  
Dewar & Reynolds Co Inc  
East-Fisher Co  
General Paint Corp  
Glidden Co  
Lead Industries Association  
National Lead Co  
Peaslee-Gaultier Paint & Varnish Co  
Shorvin-Williams Co  
Vita-Var Corp

**LEAD, WHITE**

Arms White Lead & Color Works  
American Varnish Co  
Anasconda Sales Co  
Burdal (A) Co  
Dewar & Reynolds Co Inc  
Du Pont (E I) de Nemours & Co Inc  
Eagle-Picher Co  
Fuller (W F) & Co Inc  
Gillespie Varnish Co  
Glidden Co  
Hobbsen White Lead & Color Works  
Inland White Lead Co  
Lead Industries Association  
National Lead Co  
Pittsburgh Plate Glass Co  
Shorvin-Williams Co  
Steeleco Mfg Co

**LEATHERS, PUMP**

Adams (C F) Inc  
Chicago Belting Co  
Moore (F E) & Brothers Co  
Red Jacket Mfg Co

**LEVELING, WALL, MATERIALS FOR**

Beardon Co  
Tama Industries Inc

**LEVELS, CARPENTER'S MASON'S**

Bostrom Brady Mfg Co  
Brunson Instrument Co  
Dixson (Henry) & Sons Inc  
Empire Level Mfg Co  
Goldblatt Tool Co  
Graham (John B) & Co Inc  
Hall Level & Mfg Works  
International Mfg Co  
Keyes Brothers Tool Mfg Co  
Millers Falls Co  
Ox-Wall Tool Co  
Pericon Level & Tool Co  
Sands Level & Tool Co  
Schultze Level Inc  
Simpler Level Co  
Ringer-Kennedy Corp  
Stanley Tool Div Stanley Works  
Starratt (L S) Co  
Warren-Knight Co

**LIFTS, LUMBER**

Drott Mfg Corp  
Lettitt Iron Works  
Moore Dry Kiln Co  
Rotary Lift Co  
Standard Dry Kiln Co

**LIGHTS, FLUORESCENT**

Bryant Electric Co

**LIGHTS, NIGHT**

Hamilton Beach Co Div Revell Mfg Co

**LIGHTS, SPOT & FLOOD**

General Electric Co Apparatus Dept  
Pyle-National Co  
Westinghouse Electric Corp

**LINE, FINISHING**

Celotex Corp  
Certain-teed Products Corp  
Fairmont Wall Plaster Co  
Finishing Line Association of Ohio  
Gibsonburg Lime Products Co  
Kelley Island Lime & Transport Co  
Keystone Lime Works Inc  
Louisville Cement Co Inc  
Marblehead Lime Co  
Mission Lime Products Corp  
National Gypsum Co

National Lime & Stone Co  
National Mortar & Supply Co  
Ohio Hydrate & Supply Co  
Standard Lime & Stone Co  
U S Gypsum Co  
Washington Brick & Lime Co  
Western Lime & Cement Co  
Woodville Lime Co

**LIME, HYDRATED**

Celotex Corp  
Certain-teed Products Corp  
Chicago Fire Brick Co  
Curnon (G & W) H Inc  
Gibsonburg Lime Products Co  
Kelley Island Lime & Transport Co  
Keystone Lime Works Inc  
Louisville Cement Co  
Marblehead Lime Co  
Mission Lime Products Corp  
National Gypsum Co  
National Lime & Stone Co  
National Mortar & Supply Co  
Ohio Hydrate & Supply Co  
Riverton Lime & Stone Co Inc  
Standard Lime & Stone Co  
U S Gypsum Co  
Warner Co  
Washington Brick & Lime Co  
Woodville Lime Co

**LIME, MASON'S**

Carney Co Inc  
Gibsonburg Lime Products Co  
Kelley Island Lime & Transport Co  
Keystone Lime Works Inc  
Louisville Cement Co  
Marblehead Lime Co  
National Gypsum Co  
National Mortar & Supply Co  
North American Cement Corp  
Ohio Hydrate & Supply Co  
Riverton Lime & Stone Co Inc  
Standard Lime & Stone Co  
U S Gypsum Co  
Warner Co  
Woodville Lime Co

**LIME, PEBBLE**

Kelley Island Lime & Transport Co  
Louisville Cement Co Inc  
Marblehead Lime Co  
Mission Lime Products Corp  
National Gypsum Co  
U S Gypsum Co

**LIME, QUICK**

Curnon (G & W) H Inc  
Gibsonburg Lime Products Co  
Kelley Island Lime & Transport Co  
Louisville Cement Co  
Marblehead Lime Co  
Mission Lime Products Corp  
National Gypsum Co  
National Lime & Stone Co  
National Mortar & Supply Co  
Ohio Hydrate & Supply Co  
Standard Lime & Stone Co  
U S Gypsum Co  
Warner Co  
Western Lime & Cement Co  
Woodville Lime Co

**LINES, CHALK**

Brownell & Co  
Carpenter (George B) & Co  
Cedarberg Mfg Co  
Gladding (R F) & Co  
Goldblatt Tool Co  
Rauscher Mfg Co  
Ransom Cordage Works  
Tennessee Lins & Twine Co  
Turner & Stanton Co

**LINING, CLOSET, CEDAR**

Acta Plywood & Veneer Co  
Bradley Lumber Co of Ark  
Brown (George C) Co  
Bruce (E L) Co  
Coddington (E D) Mfg Co  
Fordyce-Crommet Lumber Co  
Frost Lumber Industries Inc  
Rustic Furniture Co Inc  
Trims Co Inc  
Twin City Hardwood Lumber Co  
West Coast Lumbermen's Assn  
Weyerhaeuser Sales Co

**LINING, FLUE**

Acme Brick Co  
American Vitrited Products Co  
Cameron Senger Pipe Co  
Chicago Fire Brick Co  
Clay City Pipe Co  
Columbia Pipe Co  
Condensation Engineering Corp  
Doe Clay Products Co  
Dewar Senger Pipe & Clay Co  
Dickey (W S) Clay Mfg Co  
Evans Pipe Co  
Green (A P) Fire Brick Co  
Hooking Valley Brick Co  
Kaul Clay Co  
Kingsland Clay Products Co  
Lehigh Sewer Pipe & Tile Co  
Mexico Refractories Co  
National Clay Pipe Mfrs Inc  
National Fireproofing Co  
Oversboro Sewer Pipe Co Inc

Pacific Clay Products  
Patton Clay Mfg Co  
Robinson Clay Product Co  
Stillwater Clay Products Co  
Strawler Drain Tile Co  
Superior Clay Corp  
Union Clay Mfg Corp  
Universal Sewer Pipe Corp  
Washington Brick & Lime Co  
What Cheer Clay Products Co  
Williams-Wallice Co

**LINING, PLASTIC, STOVE & FURNACE**

Armstrong Cork Co Building Materials Div  
Fireline Stone & Furnace Lining Co  
Fozora Paint Co  
Butland Fire Clay Co  
Williams Stone Lining Co

**LINOLEUM**

Armstrong Cork Co  
Bird & Son Inc  
Cangulneau-Natris Inc  
Pabco Products Inc  
Shoane-Eliason Corp

**LIRTELS, STEEL**

Bennett-Ireland Inc  
Berger Mfg Div Republic Steel Corp  
Donley Brothers Co  
Gabriel Steel Co  
Kewanee Mfg Co  
Southern Wire & Iron Works  
Steelcraft Mfg Co  
Superior Fireplace Co  
Trucon Steel Co  
Vesco Steel Products Co Inc

**LOADERS, BUCKET**

Barber-Greene Co  
Brady Conveyors Corp  
Hain (George) Mfg Co Div Pettibone Mul-  
lilan Corp  
Hyster Co  
Jaeger Machine Co  
Link-Bell Co  
Little Giant Products Inc  
Markko Co  
Nelson (H F) Iron Works

**LOADERS, COAL**

Barber-Greene Co  
Brady Conveyors Corp  
Farquhar (A B) Co  
Hain (George) Mfg Co Div Pettibone Mul-  
lilan Corp  
Hyster Co  
Jaeger Machine Co

**LOCKERS, STEEL**

All-Steel Equipment Co  
Berger Mfg Div Republic Steel Corp  
Leon Metal Products Inc  
Red Tiger Products Inc  
Smith (F F) Wire & Iron Works Inc  
Standard Equipment Co  
Universal Steel Equipment Corp

**LOCKERS, WOOD**

Cole Mfg Co  
Curtis Co Inc  
Heiler (W C) & Co

**LOCKS, DOOR**

Adams-Rick Mfg Co  
Allish-Frosty Inc  
American Cabinet Hardware Corp  
Arrow Lock Corp  
Barrows Lock Works  
Bemis & Call Co  
Best Universal Lock Co Inc  
Champion Hardware Co  
Chesler (J) & Sons  
Clinton Lock Co  
Corbin (F & F) Div American Hardware Corp  
Eagle Lock Co  
Earle Hardware Mfg Co  
Engineered Products Corp  
Fisale Equipment Mfg Co  
Frantz Mfg Co  
Harloe Products Corp  
Harvard Lock Co  
Hunter Tool Co  
Ideal Brass Works Inc  
Independent Lock Co  
Ives (H B) Co  
Kestian Locks Inc  
La Belle Industries Inc  
Lawrence Brothers  
Lockwood Hardware Mfg Co  
McKinley Mfg Co  
Milwaukee Stamping Co  
National Brass Co  
National Lock Co  
National Mfg Co  
Newell Mfg Co  
Noy Mfg Co  
Norwalk Lock Co Div Ingal Lock & Hardware Co  
Parlyn Ltd  
Pena Hardware Co  
Reading Hardware Corp  
Beesa Padlock Co  
Richards-Wilson Mfg Co  
Russell & Erwin Div American Hardware Corp  
Safe Padlock & Hardware Co  
Sager-Barrows Lock Works  
Sargent & Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

Schlage Lock Co  
Segal Lock & Hardware Co Inc  
Skilman Hardware Mfg Co  
Slaymaker Lock Co  
Standard Bronze Co  
Stanley Works  
Superior Plastics Div Commonwealth Plastics Inc  
Technical Glass Co Inc  
Vim Car Sales Co  
Westwood Mfg Co  
Yale & Towne Mfg Co

#### LOCKS, PADLOCK

Bemis & Call  
Best Universal Lock Co  
Chisago Lock Co  
Corbin (P & F) Div American Hardware Corp  
Diebold Safe & Lock Co  
Dudley Lock Corp  
Eagle Lock Co  
Fisvale Equipment Mfg Co  
Goulding (L) Co Lock Div  
Illinois Lock Co  
Independent Lock Co  
Johnson Fawcett Co  
Lockwood Hardware Mfg Co  
Master Lock Co  
Norwalk Lock Co Div Segal Lock & Hardware Co  
Parker (S) Hardware Co  
Russell & Erwin Div American Hardware Corp  
Rosen Padlock Co  
Safe Padlock & Hardware Co  
Sager-Harrows Lock Works  
Sargent & Co  
Segal Lock & Hardware Co Inc  
Slaymaker Lock Co  
Yale & Towne Mfg Co

#### LOCKS, TUBULAR

Arrow Lock Corp  
Barnes Lock Works  
Best Universal Lock Co  
Chester (J) & Sons Inc  
Clinton Lock Co  
Corbin (P & F) Div American Hardware Corp  
Harloe Products Corp  
Lockwood Hardware Mfg Co  
National Brass Co  
National Hardware Co  
Penn Hardware Co  
Reading Hardware Corp  
Russell & Erwin Div American Hardware Corp  
Safe Padlock & Hardware Co  
Sager-Harrows Lock Works  
Sargent & Co  
Yale & Towne Mfg Co Hardware Div

#### LOGS, FIREPLACE, GAS & ELECTRIC

Refrillator Inc  
Stiepler Mfg Co

#### LOUVRES

Florida Fan & Blower Co  
Kraemer-Beyd Inc  
Miami Cabinet Div Carey (Phillip) Mfg Co  
Reed Unit-Fans Inc

#### LOUVRES, ATTIC VENTILATING

Harris Inc

#### LOUVRES, ROUND

Rock Island Millwork Co  
Webb Mfg Co

#### LUMBER, ASH

Adams (S B) Lumber Co  
Abnorn Lumber Co  
Anderson-Tully Co  
Angelina Hardwood Sales Co  
Argent Lumber Co  
Atlanta Oak Flooring Co  
Atlantic Lumber Co  
Augusta Hardwood Co  
Baley Lumber Company  
Barnaby (Charles H) Lumber Co  
Bemis Hardwood Lumber Co  
Black (J W) Lumber Co  
Blount Lumber Co  
Boehm-Madison Lumber Co  
Bonifat (Williams) Lumber Co  
Booster (H M) Lumber Co  
Bowen (A M) Lumber Co  
Bradley Lumber Co of Ark  
Breece-White Mfg Co  
Bristol Door & Lumber Co  
Brooklyn Cooprage Co  
Brown (D D) Lumber Co  
Bruce (E L) Co  
Cadillac-Soo Lumber Co  
Callahan (C K) & Sons Lumber Co  
Camp Mfg Co  
Carter (W T) & Brothers  
Cathey Lumber Co  
Chaffee Brothers Co  
Chapman & Dewey Lumber Co  
Chickasaw Valley Lumber Co  
Cherry River Boom & Lumber Co  
Christiansen (C M) Co  
Cleveland-Dewey Lumber Co  
Coastal Lumber Co  
Conasauga River Lumber Co

Conkling (Frank A) Co  
Conover Lumber & Land Co  
Cook (F C) & Co  
Cooper-Smith Lumber Co  
Copeland Lumber Co  
Cotton & Hanlon  
Crisp (M E) Lumber Co  
Deaux Lumber Co  
Davis Brothers Lumber Co Ltd  
Dickerson (Clark) Lumber Co  
Edens-Birch Lumber Co  
Elk River Coal & Lumber Co  
Endeavor Lumber Co  
Everett Hardwood Lumber Co  
Farrill Lumber Co  
Farrin (M B) Lumber Co  
Farris Lumber Co  
Flisk (John E) Lumber Co  
Fisher & Young  
Foley Lumber Industries  
Fordey-Crossett Lumber Co  
Fox (Abbot) Lumber Co  
Gaines Hardwood Lumber Co  
Ginnett Lumber Co  
Georgia-Pacific Plywood & Lumber Co  
Gooch Brothers Lumber Company  
Goodman Lumber Co  
Greene Lumber Co  
Griffith Lumber Co  
Gurdan Lumber Co  
Hall (D H) Lumber Co  
Halliwell Mfg Co Inc  
Hall-Inner Lumber Co  
Hall & Neely  
Hamer (J P) Lumber Co  
Hardwood Corp of America  
Hart-Thompson Lumber Co  
Hawley Lumber Co  
Hillier-Deutch Edwards Inc  
Hobas Veneer & Lumber Co  
Hoffman Lumber Co  
Holly Hill Cypress Co  
Holly Hill Lumber Co  
Houston Brothers  
Inter-Mountain Coal & Lumber Co  
Jackson Sawmill Co  
Jaquet Lumber Co  
Jeffries (J W) Lumber Co  
Jeffrey-McElrath Mfg Co  
Jones (J M) Lumber Co  
Kellogg Lumber Co  
King Lumber Industries Inc  
King Lumber Corp  
Kitchen Lumber Co  
Knole Lumber Co  
Korn Industries Inc  
Learned (E S) & Son  
Lexington Lumber Co  
Lightway Brothers  
Link-Newcomb Mill & Lumber Co  
Long-Bell Lumber Co  
Louisiana Central Lumber Co  
Mansfield Hardwood Lumber Co  
Marshall Lumber Co  
Martin (Boy O) Lumber Co  
May Brothers  
McAnn Lumber Co  
McCracken & McCall Inc  
McLean-Arkansas Lumber Co  
Meador River Lumber Co  
Mengel Co  
Menominee Indian Mills  
Mezner Lumber & Supply Co  
Michigan Maple Block Co  
Midland Valley Lumber Co  
Miller & Co Inc  
Miller & Co Inc  
Minton (V W) & Co  
Miss-Valley-Hardwood Co  
Mobile River Sawmill Co  
Monteath (J H) Co  
Morrison Gross & Co  
Mowbray & Robinson Lumber Co  
Mover Lumber Co  
Newellton Hardwood Co  
Niskey Brothers Inc  
Norbury Ohio Co  
Oval Wood Dish Corp  
Owen (R C) Co  
Ozan Lumber Co  
Pattell Lumber Co  
Paterson-McInnis Lumber Co  
Phillips-Blythe Lumber Co  
Pine Plume Lumber Co  
Plumby (P W) Lumber Corp  
Plumlett-Webster Lumber Co Inc  
Poissett Lumber & Mfg Co  
Pratt (E W) Lumber Co  
Ransom (W A) Lumber Co  
Reynolds Brothers Lumber Co  
Reynolds-Gammill Lumber Co  
Reynolds & Manley Lumber Co  
Richmond Cedar Works  
Roddie Plywood Corp  
Rose (D M) & Co  
Rush Lumber Co  
Saco Lumber Co Inc  
St Joe Lumber & Export Co  
Santee River Hardwood Co  
Sanders & Co  
Seitch Lumber Co  
Sears Lumber Co  
Shannon Brothers Lumber Co  
Smith (W T) Lumber Co  
Southwiler (E) Co  
Southern Pine Lumber Co  
Sparkman Hardwood Lumber Co  
Stark (James E) Co  
Stearns Coal & Lumber Co  
Stewart (E A) Lumber Co  
Stinson Lumber Co  
Stone (J E) Lumber Co

Stuart Lumber Corp  
Stuts Lumber Co Inc  
Stuts Sawmill Co Inc  
Sullivan Lumber Co  
Swainboro Lumber Co  
Temple Lumber Co  
Texas Loneleaf Lumber Co  
Thistlewhite Lumber Co  
Thomas & Proetz Lumber Co  
Turner Lumber Co  
United Veneer Co  
United Timber & Lumber Co  
Urania Lumber Co  
Vestal Lumber & Mfg Co  
Vinton (R A) Lumber Co  
Vredenburg Saw Mill Co  
Walker & Smith Lumber Co  
Wallrich (M J) Land & Lumber Co  
Warner Lumber Co  
Was Lumber Co  
Wells (J W) Lumber Co  
Wells Lumber Co  
West Virginia Lumber Co  
Wheeler Lumber Co  
White River Timber Co  
Williams-Brownell Planing Mill Co  
Williams (J L) & Sons  
Williams & McKittican Lumber Co  
Williams & Voria Hardwood Co  
Williams & Voria Saw Mill Co  
Wood-Mosaic Co Inc  
Woods Lumber Co Inc  
Woody (W W) Lumber Co  
Wright (J Walker) Lumber Co  
Youngman-Reynolds Lumber Co

#### LUMBER, BASSWOOD

Adams (S B) Lumber Co Inc  
Abnorn Lumber Co  
Anderson-Tully Co  
Atlanta Oak Flooring Co  
Atlantic Lumber Co  
Babeck Lumber Co  
Baley Lumber Co  
Barnaby (Charles H) Lumber Co  
Bemis Hardwood Lumber Co  
Boehm-Madison Lumber Co  
Bonifat (Williams) Lumber Co  
Booster (H M) Lumber Co  
Bowen (A M) Lumber Co  
Bowler Lumber Co  
Bradley Lumber Co of Ark  
Bristol Door & Lumber Co  
Brown (D D) Lumber Co  
Bruce (E L) Co  
Cadillac-Soo Lumber Co  
Carter (W T) & Brothers  
Cathey Lumber Co  
Chaffee Brothers Co  
Cherry River Boom & Lumber Co  
Christiansen (C M) Co  
Conasauga River Lumber Co  
Conkling (Frank A) Co  
Conner Lumber & Land Co  
Cook (F C) & Co  
Cooper-Smith Lumber Co  
Copeland Lumber Co  
Cotton & Hanlon  
Crisp (M E) Lumber Co  
Dickerson (Clark) Lumber Co  
Elk River Coal & Lumber Co  
Emporium Forestry Co  
Endeavor Lumber Co  
Everett Hardwood Lumber Co  
Fair (D L) Lumber Co  
Farrill Lumber Co  
Farrin (M B) Lumber Co  
Fisher & Young  
Fordey-Crossett Lumber Co  
Fox (Abbot) Lumber Co  
Fry-Pullon Lumber Co  
Gaines Hardwood Lumber Co  
Ginnett Lumber Co  
Georgia-Pacific Plywood & Lumber Co  
Gooch Brothers Lumber Co  
Goodman Lumber Co  
Graham Lumber Co  
Greene Lumber Co  
Griffith Lumber Co  
Hamer (J P) Lumber Co  
Hardwood Corp of America  
Hart-Thompson Lumber Co  
Hawley Lumber Co  
Hillier-Deutch Edwards Inc  
Holt Hardwood Co  
Houston Brothers  
Inter-Mountain Coal & Lumber Co  
Jaquet Lumber Co  
Jeffries (J W) Lumber Co  
Jones (J M) Lumber Co  
Kellogg Lumber Co  
King Lumber Industries Inc  
Kitchen Lumber Co  
Knole Lumber Co  
Learned (E S) & Son  
Link-Newcomb Mill & Lumber Co  
Long-Bell Lumber Co  
Marshall Lumber Co  
May Brothers  
McCracken & McCall Inc  
McDrew-Curran Lumber Co  
Meadow River Lumber Co  
Mengel Co  
Menominee Indian Mills  
Mezner Lumber & Supply Co  
Michigan Maple Block Co  
Midland Valley Lumber Co  
Miller & Co Inc  
Minton (V W) & Co  
Monteath (J H) Co  
Morrison Gross & Co

Mowbray & Robinson Lumber Co  
Mower Lumber Co  
Niskey Brothers Inc  
Oshkosi Wood Products Corp  
Oval Wood Dish Corp  
Parler & Stearns  
Parnell Lumber Co  
Paterson-McInnis Lumber Co  
Phillips-Blythe Lumber Co  
Plant & Griffith Lumber Co  
Plumby (P W) Lumber Corp  
Plumlett-Webster Lumber Co Inc  
Poissett Lumber & Mfg Co  
Pratt (E W) Lumber Co  
Ransom (W A) Lumber Co  
Roddie Plywood Corp  
Rose (D M) & Co  
Schilling Lumber Co  
Stark (James E) Lumber Co  
Southern Pine Lumber Co  
Southern Star Lumber Co  
Sparkman Hardwood Lumber Co  
Stark (James E) Lumber Co  
Stearns Coal & Lumber Co  
Stinson Lumber Co  
Stuts Lumber Co Inc  
Stuts Sawmill Co Inc  
Temple Lumber Co  
Texas Loneleaf Lumber Co  
Thistlewhite Lumber Co  
Timberlands Inc  
Turner Lumber Co  
United Veneer Co  
United Timber & Lumber Co  
Vestal Lumber & Mfg Co  
Walker & Smith Lumber Co  
Wallrich (M J) Land & Lumber Co  
Warner Lumber Co  
Was Lumber Co  
Wells (J W) Lumber Co  
Wells Lumber Co  
West Virginia Lumber Co  
White River Timber Co  
Williams-Brownell Planing Mill Co  
Williams (J L) & Sons  
Williams & McKittican Lumber Co  
Williams & Voria Hardwood Co  
Williams & Voria Saw Mill Co  
Wood-Mosaic Co Inc  
Woods Lumber Co Inc  
Woody (W W) Lumber Co  
Wright (J Walker) Lumber Co

#### LUMBER, BEECH

Adams (S B) Lumber Co Inc  
Abnorn Lumber Co  
Atlanta Oak Flooring Co  
Atlantic Lumber Co  
Babeck Lumber Co  
Baley Lumber Co  
Barnaby (Charles H) Lumber Co  
Bemis Hardwood Lumber Co  
Blount Lumber Co  
Booster (H M) Lumber Co  
Bowen (A M) Lumber Co  
Bowler Lumber Co  
Bradley Lumber Co of Ark  
Bristol Door & Lumber Co  
Brown (D D) Lumber Co  
Bruce (E L) Co  
Cadillac-Soo Lumber Co  
Callahan (C K) & Sons Lumber Co  
Camp Mfg Co  
Carter (W T) & Brothers  
Cathey Lumber Co  
Chaffee Brothers Co  
Chapman & Dewey Lumber Co  
Cherry River Boom & Lumber Co  
Conasauga River Lumber Co  
Conkling (Frank A) Co  
Cook (F C) & Co  
Cooper-Smith Lumber Co  
Copeland Lumber Co  
Cotton & Hanlon  
Crisp (M E) Lumber Co  
Davis Brothers Lumber Co Ltd  
Dickerson (Clark) Lumber Co  
Edens-Birch Lumber Co  
Elk River Coal & Lumber Co  
Elliott Hardwood Co  
Emporium Forestry Co  
Endeavor Lumber Co  
Everett Hardwood Lumber Co  
Fair (D L) Lumber Co  
Farrill Lumber Co  
Farrin (M B) Lumber Co  
Farris Lumber Co  
Ferguson Lumber Co  
Fisher Brothers Lumber Co  
Fisher & Young  
Fordey-Crossett Lumber Co  
Gaines Hardwood Lumber Co  
Ginnett Lumber Co  
Georgia-Pacific Plywood & Lumber Co  
Gooch Brothers Lumber Co  
Goodman Lumber Co  
Graham Lumber Co  
Grap Chemical Co  
Greene Lumber Co  
Griffith Lumber Co  
Hall (D H) Lumber Co  
Halliwell Mfg Co Inc  
Hall-Inner Lumber Co  
Hall & Neely  
Hardwood Corp of America  
Hart-Thompson Lumber Co  
Henderson-Molpus Co  
Holt Hardwood Co  
Houston Brothers  
Inter-Mountain Coal & Lumber Co  
Jackson Sawmill Co  
Jaquet Lumber Co  
Jones (J M) Lumber Co  
Jones (J M) Lumber Co  
Kellogg Lumber Co  
King Lumber Industries Inc  
Kitchen Lumber Co  
Knole Lumber Co  
Learned (E S) & Son  
Leming (H E) Lumber Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67



Dacus Lumber Co  
Edens-Birch Lumber Co  
Elrod (J E) Lumber Co  
Ferguson (W T) Lumber Co  
Fisher Brothers Lumber Co  
Flaibel Lumber Co  
Foley Lumber Industries  
Fortye-Crossett Lumber Co  
Frost Lumber Industries Inc  
Fulton Hand Mill  
Gaines Hardwood Lumber Co  
Graham Lumber Co  
Graves Brothers Lumber Co  
Gurdun Lumber Co  
Hall (D H) Lumber Co  
Hallett Mfg Co  
Hall-Inner Lumber Co  
Hall & Neely  
Hillier Deutch Edwards Inc  
Hines (Edward) Lumber Co  
Hobac Veneer & Lumber Co  
Holly Hill Lumber Co  
Houston Brothers  
Jeffries (J W) Lumber Co  
Jones (C J) Lumber Co  
Jones (J M) Lumber Co  
Kellough Lumber Co  
King Lumber Industries  
King Lumber Industries Inc  
Kirby Lumber Corp  
Korn Industries Inc  
Lee Tidewater Cypress Co  
Lensing (M E) Lumber Co  
Lexington Lumber Co  
Lightsey Brothers  
Link-Newcomb Mill & Lumber Co  
Long-Bell Lumber Co  
Louisiana Central Lumber Co  
Louisiana Cypress Lumber Co  
Mansfield Hardwood Lumber Co  
Martin (R O) Lumber Co  
May Brothers  
McClann Lumber Co  
McCarroll Lumber Co  
McGraw-Curran Lumber Co  
McLean-Arkansas Lumber Co  
Mengel Co  
Midland Valley Lumber Co  
Miller & Co  
Miss-Valley Hardwood Co  
Mobile River Sawmill Co  
Mullins Lumber Co  
Newellton Hardwood Co  
Nickey Brothers  
Northern Ohio Co  
Ozan Lumber Co  
Parrell Lumber Co  
Patterson-McIntosh Lumber Co  
Perry-Wilson Lumber Co  
Phillips-Rhyme Lumber Co  
Putnam Lumber & Export Co  
Ranson (W A) Lumber Co  
Reynolds Brothers Lumber Co  
Reynolds-Gammill Lumber Co  
Reynolds & Mentley Lumber Co  
Richmond Cedar Works  
Rush Lumber Co  
St Joe Lumber & Export Co  
Santee River Hardwood Co  
Saunders & Cox  
Scottish Lumber Co  
Shannon Brothers Lumber Co  
Sinclair Lumber Co Inc  
Smith Lumber Co  
Smith (W T) Lumber Co  
Sondheimer (E) Co  
South Atlantic Lumber Co  
Southern Lumber Co  
Southern Pine Lumber Co  
Sparkman Hardwood Lumber Co  
Stark (James E) Co  
Starr (J W) & Sons Lumber Co  
Steel City Lumber Co  
Stutta Lumber Co  
Stutta Sawmill Co Inc  
Swainsboro Lumber Co  
Temple Lumber Co  
Texas Longleaf Lumber Co  
Thistlewhite Lumber Co  
Turner Lumber Co  
United Timber & Lumber Co  
Uronia Lumber Co  
Vestal Lumber & Mfg Co  
Vinton (H A) Lumber Co  
Voss (J P) Lumber Co  
Vrederburg Saw Mill Co  
Wally Lumber Co  
Wax Lumber Co  
Wheeler (H E) Lumber Co  
Wells (J W) Lumber Co of Ala  
Welsh Lumber Co  
Wheeler Lumber Co  
Williams & Voris Hardwood Co  
Wood Lumber Co  
Woods Lumber Co Inc  
Woodward Walker Rosen Inc  
Woody (W W) Lumber Co  
Youngerman-Reynolds Lumber Co

#### ALABAMA, FLA

Adams (H B) Lumber Co Inc  
Ahonen Lumber Co  
Anderson-Tully Co  
Angelina Hardwood Sales Co  
Atlantic Lumber Co  
Augusta Hardwood Co  
Bailey Lumber Co  
Barnaby (Charles H)  
Black (J W) Lumber Co  
Boehm-Madsen Lumber Co  
Bonifas (William) Lumber Co  
Bowen (A M) Lumber Co  
Bowler Lumber Co  
Bradley Lumber Co of Ark

Breece-White Mfg Co  
Cadillac-Soo Lumber Co  
Callahan (C K) & Sons Lumber Co  
Camp Mfg Co  
Carter (W T) & Brothers  
Catcher Lumber Co  
Chapman & Dewey Lumber Co  
Christianson (C M) Co  
Cleveland-Gonnes Lumber Co  
Costal Lumber Co  
Conkling (Frank A) Co  
Cunior Lumber & Land Co  
Cupsel Lumber Co  
Dacus Lumber Co  
Davis Brothers Lumber Co Ltd  
Dickerson (Clark) Lumber Co  
Edens-Birch Lumber Co  
Farris Lumber Co  
Ferguson (W T) Lumber Co  
Fink (John E) Lumber Co  
Fisher Brothers Lumber Co  
Fortye-Crossett Lumber Co  
Fox (Abbot) Lumber Co  
Frost Lumber Industries  
Fulton Hand Mill  
Gaines Hardwood Lumber Co  
Georgia-Pacific-Plywood & Lumber Co  
Gooch Brothers Lumber Co  
Goodman Lumber Co  
Gurdun Lumber Co  
Hall (D H) Lumber Co  
Hallett Mfg Co Inc  
Hall-Inner Lumber Co  
Hall & Neely  
Hawley Lumber Co  
Hillier Deutch Edwards Inc  
Hobac Veneer & Lumber Co  
Hoffman Lumber Co  
Holly Hill Cypress Co  
Holly Hill Lumber Co  
Houston Brothers  
Jackson Sawmill Co  
Jausnet Lumber Co  
Jeffries (J W) Lumber Co  
Jones (J M) Lumber Co  
Kellough Lumber Co  
King Lumber Industries  
King Lumber Industries Inc  
Kirby Lumber Corp  
Knoke Lumber Co  
Korn Industries Inc  
Leavard (H S) & Son  
Lensing (M E) Lumber Co  
Lightsey Brothers  
Link-Newcomb Mill & Lumber Co  
Long-Bell Lumber Co  
Martin (Roy D) Co  
May Brothers  
McClann Lumber Co  
McGraw-Curran Lumber Co  
McLean-Arkansas Lumber Co  
Mengel Co  
Menominee Indian Mills  
Menzner Lumber & Supply Co  
Michigan Maple Block Co  
Midland Valley Lumber Co  
Miller & Co  
Miller & Co Inc  
Miss-Valley Hardwood Co  
Mobile River Sawmill Co  
Newellton Hardwood Co  
Nickey Brothers Inc  
Northern Ohio Co  
Oakshank Wood Products Corp  
Oren (R C) Co  
Ozan Lumber Co  
Parrell Lumber Co  
Patterson-McIntosh Lumber Co  
Phillips-Rhyme Lumber Co Inc  
Pine Plume Lumber Co  
Reynolds Brothers Lumber Co  
Reynolds-Gammill Lumber Co  
Richmond Cedar Works  
Rudis Plywood Corp  
Santee River Hardwood Co  
Schwing Lumber & Shingle Co  
Scott Lumber Co  
Sears Lumber Co  
Shannon Brothers Lumber Co  
Smith Lumber Co  
Smith (W T) Lumber Co  
Sondheimer (E) Co  
Southern Pine Lumber Co  
Sparkman Hardwood Lumber Co  
Stark (James E) Co  
Stewart (E A) Lumber Co  
Stone (J E) Lumber Co  
Stutta Lumber Co Inc  
Stutta Sawmill Co Inc  
Temple Lumber Co  
Texas Longleaf Lumber Co  
Thistlewhite Lumber Co  
Thomas Lumber & Mfg Co  
Thomas & Proter Lumber Co  
Townsend Brothers  
Turner Lumber Co  
Underwood Veneer Co  
United Timber & Lumber Co  
Uronia Lumber Co  
Vestal Lumber & Mfg Co  
Vinton (H A) Lumber Co  
Walker & Smith Lumber Co  
Wallrich (M J) Land & Lumber Co  
Wax Lumber Co  
Wells (J W) Lumber Co of Ala  
Welsh Lumber Co  
Wheeler Lumber Co  
White River Timber Co  
Williams (J L) & Sons  
Williams & Voris Hardwood Co  
Williams & Voris Saw Mill Co  
Woods Lumber Co Inc  
Woody (W W) Lumber Co

Yawkey-Bissell Corp  
Youngerman-Reynolds Lumber Co

#### LUMBER, ELM, ROCK

Boehm-Madsen Lumber Co  
Bowler Lumber Co  
Connor Lumber & Land Co  
Dickerson (Clark) Lumber Co  
Fox (Abbot) Lumber Co  
Goodman Lumber Co  
Jausnet Lumber Co  
Knoke Lumber Co  
Menominee Indian Mills  
Menzner Lumber & Supply Co  
Oakshank Wood Products Corp  
Rudis Plywood Corp  
Wallrich (M J) Land & Lumber Co  
Yawkey-Bissell Corp

#### LUMBER, FIR, DOUGLAS

Air-King Mfg Corp  
Anasoda Copper Mining Co  
Rabeck Lumber Co  
Benson Lumber Co  
Biles-Coleman Lumber Co  
Blue Mountain Mills  
Bockmer Lumber Co  
Booth-Kelly Lumber Co  
Bridges Lumber Co  
California Door Co  
California Sugar & West Pine Agency  
Canadian Western Products Ltd  
Canadian Forest Lumber Co Ltd  
Hunting-Merritt Shingle Dir  
Canyon Lumber Corp  
Carlson Mfg Co  
Carnation Lumber Co  
Clements (Al) Lumber Co  
Cobb & Mitchell Co  
Collins Pondsua Lumber Co  
Columbia River Paper Mills  
Comfort (George N) Lumber Co  
Coos Bay Logging Co  
Corvallis Lumber Co  
Craig Mountain Lumber Co  
Deer Park Pine Industry Inc  
Defiance Lumber Co  
Diamond Match Co  
Dollinger (Robert) Co  
Dwyer (Fred) Lumber Co  
Dubois Lumber Co  
Draper Lumber Co  
Eatonsville Lumber Co  
Engle & Worth Lumber Co  
Exchange Sawmills Sales Co  
Ferguson (W T) Lumber Co  
Fischer Lumber Co  
Fleishman Lumber Co  
Foster Mills Inc  
Gardiner Lumber Co  
Georgia-Pacific Plywood & Lumber Co  
Giuliana Brothers Lumber Co  
Goodwin Johnson Ltd  
Gram Mfg Co  
Gray Lumber & Shingle Co  
Gray (Robert) Shingle Co  
Griswold Lumber Co  
Hallock & Howard Lumber Co  
Harbor Plywood Corp  
Heldner & Co  
Hines (Edward) Lumber Co  
Hughes Brothers  
Hulbert (William) Mill Co  
Independence Lumber & Mfg Co  
Jasper Co  
Johnson (C B) Lumber Corp  
Kingsmill Lumber Co  
Kanika Forest Products Inc  
Kappeler Lumber Co  
Karlson-Davis Co  
Kennedy (J G) Lumber Co  
Kent Lumber Co  
Kingsley Lumber Co  
Kinross Pine Mills Co  
Klamath Basin Pine Mills Corp  
Klemm Timber Co  
Knap Lumber Industries  
Lausmann Lumber Co  
L. R. L. Lumber Corp  
Long-Bell Lumber Co  
Long Lake Lumber Co  
MacArthur & Smith Inc  
Madock Seattle Lumber Co  
McClintock (D M) Lumber Co  
McClintock River Lumber Co  
McFarland-Brown Lumber Co  
McFord Corp  
Michigan-California Lumber Co  
Mill City Mfg Co  
Miller (George E) Lumber Co  
Moore Mill & Lumber Co  
Morrison Mill Co  
Mt Emily Lumber Co  
Mt Shasta Pine Mfg Co  
Mullins Lumber & Box Sales Co  
Nells (J) Lumber Co  
Nottingham Lumber Co  
New Grand Ronde Lumber Co  
New Mexico Timber Co  
Northern Redwood Lumber Co  
Northwest Timber Co  
Odeon Lumber Co  
Olympia Harbor Lumber Co  
Oregon-American Lumber Corp  
Oregon Pulp & Paving Co  
Oregon Trail Lumber Co  
Pack River Sales Co  
Peshastin Lumber & Box Co

Piaceville Lumber Co  
Pege & Talbot Inc Lumber Dir  
Portland Lumber Mills  
Prestridge (H E) Lumber Co  
Prosty Lumber & Box Co  
Rayvener Inc Lumber Div  
Redwood Mfg Co  
Robertson & Hackett Sawmill Co  
Robinson Mfg Co  
Robson Lumber Co  
Roeburg Lumber Co  
Row River Lumber Co  
Russell & Pugh Lumber Co  
Sacramento Box & Lumber Co  
St Maries Lumber Co  
St Paul & Tacoma Lumber Co  
Santiam Lumber Co  
Schmitt Brothers Lumber Co  
Schmitt Lumber Co  
Scott Lumber Co Inc  
Shaw Lumber Co  
Shepard & Moore Lumber Co  
Sherman (Edw J) Lumber Sales  
Sheslin-McCloud Lumber Co  
Simpson Logging Co  
Smith (Ralph L) Lumber Co  
Snoqualmie Falls Lumber Co  
Soderberg (Carl) Lumber Co  
Somers Lumber Co  
Southwest Lumber Co  
Southwest Lumber Mills Inc  
Stassen Lumber Co  
Rimston Mill Co  
Stoller (F H) Land & Lumber Co  
Sothern Timber Products Inc  
Swede Basin Lumber Co  
Tacoma Export Lumber Co  
Tachon-Walker & Johnson Inc  
Thurston Lumber Co  
Tribner Products Co  
Trask Lumber Co  
Twin Feather Mills Inc  
Twin Harbors Lumber Co  
Union Lumber Co  
U S Plywood Corp  
Van Deuse Lumber Sales Corp  
Van Vleet Lumber Co  
Wales Lumber Co  
Walton Lumber Co  
Washington Mfg Co  
Washington Veneer Co  
Wauana Lumber Co  
West Coast Lumbermen's Association  
West Oregon Lumber Co  
West Waterway Lumber Co  
Western Pine Mfg Co  
West Side Lumber Co  
Weyerhaeuser Sales Co  
Wheeler-Osgood Co  
White Horse Mill & Inc  
White Pine Lumber Co  
White Star Lumber Co  
White River Lumber Co  
Willamette Valley Lumber Co  
Willamina Lumber Co  
Willamette Harbor Mills  
Wilson (A K) Lumber Co  
Wilson (David) Lumber Co  
Wilson Lumber Sales Co  
Woodward Lumber Co  
Wood (E K) Lumber Co  
Zaner Lumber Co

#### LUMBER, FIR, SILVER

American Box Corp  
Analis Box & Lumber Co  
Rabeck Lumber Co  
Bryan (Paul) Lumber Co  
Byles-Jamison Lumber Co  
California Door Co  
California Sugar & Western Pine Agency  
Clover Valley Lumber Co  
Collins Pondsua Lumber Co  
Comfort (George N) Lumber Co  
Diamond Match Co  
Fleishman Lumber Co  
Hughes Brothers  
Ivory Pine Co  
Keeney (J G) Lumber Co  
Knap Lumber Industries  
Lassen Lumber & Box Co  
Long-Bell Lumber Co  
Long Lake Lumber Co  
Michigan California Lumber Co  
Miller (George E) Lumber Co  
Mids Lumber Co  
Mt Shasta Pine Mfg Co  
Mt Whitney Lumber Co  
New Mexico Timber Co  
Peshastin Lumber & Box Co  
Pine Logging Co of Calif  
Quincy Lumber Co Inc  
Sacramento Box & Lumber Co  
St Maries Lumber Co  
Schmitt Lumber Co  
Scott Lumber Co Inc  
Sheslin-McCloud Lumber Co  
Smith (Ralph L) Lumber Co  
Southwest Lumber Co  
Tartar Webster & Johnson Inc  
Tribner Products Co  
Union Lumber Co  
Van Deuse Lumber Sales Corp  
Van Vleet Lumber Co  
West Side Lumber Co  
Winton Lumber Sales Co

#### LUMBER, GUM

Adams (H B) Lumber Co Inc  
Anderson-Tully Co  
Angelina Hardwood Sales Co  
Argent Lumber Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67



Reynolds & Manley Lumber Co  
 Rush Lumber Co  
 St. Joe Lumber & Export Co  
 South Lumber Co  
 Sears Lumber Co  
 Smith (W T) Lumber Co  
 Southern Pine Lumber Co  
 Stone (J E) Lumber Co  
 Stutz Lumber Co Inc  
 Stutz Sawmill Co Inc  
 Sullivan Lumber Co  
 Swainboro Lumber Co  
 Temple Lumber Co  
 Texas Longleaf Lumber Co  
 Thistlethwaite Lumber Co  
 Thomas Lumber & Mfg Co  
 Thomas & Proetz Lumber Co  
 United Timber & Lumber Co  
 Urania Lumber Co  
 Vredeborg Sawmill Co  
 Wax Lumber Co  
 Williams & Voris Hardwood Co  
 Williams & Voris Lumber Co  
 Wells (J W) Lumber Co of Ala  
 Woods Lumber Co Inc  
 Youngman-Reynolds Lumber Co

**LUMBER, MAPLE**

Adams (S B) Lumber Co Inc  
 Adams Lumber Co  
 Anderson-Tully Co  
 Argus Lumber Co  
 Atlanta Oak Flooring Co  
 Atlantic Lumber Co  
 Augusta Hardwood Co  
 Babcock Lumber Co  
 Bailey Lumber Co  
 Barnaby (Charles H)  
 Bay de Noquet Co  
 Bemis Hardwood Lumber Co  
 Black (J W) Lumber Co  
 Blount Lumber Co  
 Boston-Madison Lumber Co  
 Bonifas (William) Lumber Co  
 Bowler (H M)  
 Bowler Lumber Co  
 Breese-White Mfg Co  
 Bristol Door & Lumber Co  
 Brown (D D)  
 Brown (E L)  
 Bust (C B & F O) Co  
 Cadillac-Sons Lumber Co  
 Callahan (C K) & Sons Lumber Co  
 Camp Mfg Co  
 Canthook Lumber Co  
 Carr Lumber Co  
 Cather Lumber Co  
 Chaffee Brothers Co  
 Cherry River Boom & Lumber Co  
 Christiansen (C M) Co  
 Cleveland-Oceneba Lumber Co  
 Coastal Lumber Co  
 Conasauga River Lumber Co  
 Conkling (Frank A) Co  
 Connor Lumber & Land Co  
 Conroy Lumber Co  
 Cook (F C) & Co  
 Cooper-Smith Lumber Co  
 Copeland Lumber Co  
 Cotton & Hanlon  
 Crisp (M E) Lumber Co  
 Dacus Lumber Co  
 Dickerson (Clark) Lumber Co  
 Elk River Coal & Lumber Co  
 Elliott Hardwood Co  
 Exporting Forestry Co  
 Endeavor Lumber Co  
 Everett Hardwood Lumber Co  
 Farrell Lumber Co  
 Farrin (M B) Lumber Co  
 Ferguson (W T) Lumber Co  
 Fink (John B) Lumber Co  
 Fisher Brothers Lumber Co  
 Fisher & Young  
 Foley Lumber Industries  
 Fox (Abbott) Lumber Co  
 Frost Lumber Industries  
 Gaines Hardwood Lumber Co  
 Gennett Lumber Co  
 Georgia-Pacific Plywood & Lumber Co  
 Gooch Brothers Lumber Co  
 Goodman Lumber Co  
 Graham Lumber Co  
 Greene Brothers Lumber Co  
 Greene Lumber Co  
 Griffith Lumber Co  
 Hall (D H) Lumber Co  
 Hallett Mfg Co Inc  
 Hall-Inzer Lumber Co  
 Hall & Neely  
 Hamer (J P) Lumber Co  
 Hardwood Corp of America  
 Hart-Thompson Lumber Co  
 Lawley Lumber Co  
 Hoback Veneer & Lumber Co  
 Hoffman Lumber Co  
 Holly Hill Cypress Co  
 Holly Hill Lumber Co  
 Houston Brothers  
 Huntington Hardwood Co  
 Hutton & Bourbonnais Co  
 Inter-Mountain Coal & Lumber Co  
 Jaquet Lumber Co  
 Jeffries (J W) Lumber Co  
 Jeffreys-McElrath Mfg Co  
 Johnson Lumber Co Inc  
 Jones (J M) Lumber Co  
 Kellogg Lumber Co  
 King Lumber Industries  
 King Lumber Industries Inc  
 Kitchen Lumber Co  
 Knipe Lumber Co  
 Kora Industries Inc  
 Learned (E S) & Son  
 Lenning (M E) Lumber Co

Lexington Lumber Co  
 Lighty Brothers  
 Link Newcomb Mill & Lumber Co  
 Long-Bell Lumber Co  
 Marshall Lumber Co  
 Martin (Ray O) Lumber Co  
 Mason (A) & Sons Inc  
 May Brothers  
 McCann Lumber Co  
 McCracken & McCall Inc  
 McGraw-Curran Lumber Co  
 McLean-Arkansas Lumber Co  
 Meadow River Lumber Co  
 Mengel Co  
 Mesominee Indian Mills  
 Menzner Lumber & Supply Co  
 Michigan Maple Block Co  
 Michigan Pole & Tie Co  
 Midland Valley Lumber Co  
 Miller Brothers Co  
 Miller & Co Inc  
 Minton (T W) & Co  
 Monteath (J H) Co  
 Morrison Gross & Co  
 Mowbray & Robinson Lumber Co  
 Moser Lumber Co  
 Newellton Hardwood Co  
 Northern Ohio Co  
 Oshtosh Wood Products Corp  
 Oval Wood Dish Corp  
 Owen (B C) Co  
 Parker & Stearns  
 Farnell Lumber Co  
 Paterson-McInnis Lumber Co  
 Phillips-Rhyne Lumber Co Inc  
 Pine Plume Lumber Co  
 Plant & Griffith Lumber Co  
 Plumlett-Webster Lumber Co Inc  
 Plumly (F W) Lumber Corp  
 Polmett Lumber & Mfg Co  
 Pratt Lumber Co  
 Reynolds Brothers Lumber Co  
 Reynolds & Manley Lumber Co  
 Richmond Cedar Works  
 Roddis Plywood Corp  
 Rose (D M) & Co  
 Rush Lumber Co  
 Santee River Hardwood Co  
 Saunders & Cox  
 Schilling Lumber Co  
 Smith Lumber Co  
 Smith (W T) Lumber Co  
 Stearns Coal & Lumber Co  
 Stinson Lumber Co  
 Stuart Lumber Corp  
 Stutz Lumber Co Inc  
 Stutz Sawmill Co Inc  
 Sullivan Lumber Co  
 Susquehanna Chemical Corp  
 Swainboro Lumber Co  
 Temple Lumber Co  
 Texas Longleaf Lumber Co  
 Thistlethwaite Lumber Co  
 Thomas & Proetz Lumber Co  
 Underwood Veneer Co  
 Urania Lumber Co  
 Vestal Lumber & Mfg Co  
 Vinton (R A) Lumber Co  
 Waltrich (M J) Land & Lumber Co  
 Ward Lumber Co  
 Warner Lumber Co  
 Wax Lumber Co  
 Wells (J W) Lumber Co of Ala  
 West Virginia Lumber Co  
 Wheeler Lumber Co  
 White River Timber Co  
 Williams-Brownell Planning Mill Co  
 Williams (J L) & Sons  
 Williams & McKeithan Lumber Co  
 Williams & Voris Hardwood Co  
 Williams & Voris Saw Mill Co  
 Wood-Monroe Co Inc  
 Woody (W W) Lumber Co  
 Wright (J Walter) Lumber Co  
 Yawkey-Rissell Corp  
 Youngman-Reynolds Lumber Co

**LUMBER, OAK, RED AND WHITE**

Adams (S B) Lumber Co Inc  
 Anderson-Tully Co  
 Angelina Hardwood Sales Co  
 Atlanta Oak Flooring Co  
 Atlantic Lumber Co  
 Augusta Hardwood Co  
 Augusta Hardwood Co  
 Babcock Lumber Co  
 Bailey Lumber Co  
 Bemis Hardwood Lumber Co  
 Black (J W) Lumber Co  
 Bodine (T P) Lumber Co  
 Bowler (H M)  
 Bowen (A M) Lumber Co  
 Bradley Lumber Co of Ark  
 Breese-White Mfg Co  
 Bristol Door & Lumber Co  
 Brown (D D)  
 Bruce (E L) Co  
 Callahan (C K) & Sons Lumber Co  
 Camp Mfg Co  
 Canthook Lumber Co  
 Carr Lumber Co  
 Carter (W T) & Brother  
 Cather Lumber Co  
 Chaffee Brothers Co  
 Chapman & Dewey Lumber Co  
 Chatsworth Lumber Co  
 Chattahoochee Valley Lumber Co  
 Cherry River Boom & Lumber Co

Cleveland-Oceneba Lumber Co  
 Conasauga River Lumber Co  
 Conkling (Frank A) Co  
 Cook (F C) & Co  
 Cooper-Smith Lumber Co  
 Corinth Planting Mill Co  
 Cotton & Hanlon  
 Crisp (M E) Lumber Co  
 Dacus Lumber Co  
 Davis Brothers Lumber Co Ltd  
 Deering (J G) & Son  
 Diecks Lumber & Coal Co  
 Edens-Birch Lumber Co  
 Elrod (J E) Lumber Co  
 Endeavor Lumber Co  
 Everett Hardwood Lumber Co  
 Exporting Sawmills Sales Co  
 Fair (D L) Lumber Co  
 Farrin (M B) Lumber Co  
 Ferguson (W T) Lumber Co  
 Fessenden Cos Inc  
 Fisher Brothers Lumber Co  
 Fisher & Young  
 Foley Lumber Industries  
 Fordyce-Crossett Lumber Co  
 Frost Lumber Industries Inc  
 Fullin Band Mill  
 Gaines Hardwood Lumber Co  
 Gennett Lumber Co  
 Georgia-Pacific Plywood & Lumber Co  
 Graham Lumber Co  
 Greene Brothers Lumber Co  
 Greene Lumber Co  
 Griffith Lumber Co  
 Hall (D H) Lumber Co  
 Hallett Mfg Co Inc  
 Hall & Neely  
 Hamer (J P) Lumber Co  
 Hancock (B) Lumber Co  
 Hardwood Corp of America  
 Hart-Thompson Lumber Co  
 Henderson-Molpus Lumber Co  
 Hilkey Deutch Edwards Inc  
 Hoffman Lumber Co  
 Holden & Martin Lumber Co  
 Holly Hill Cypress Co  
 Holly Hill Lumber Co  
 Houston Brothers  
 Huntington Hardwood Co  
 Hunt (Lacy H) Lumber Co  
 Hutton & Bourbonnais Co  
 Industrial Lumber Co  
 Inter-Mountain Coal & Lumber Co  
 Jeffreys-McElrath Mfg Co  
 Jeffries (J W) Lumber Co  
 Johnson Lumber Co Inc  
 Jones (J M) Lumber Co  
 Kellogg Lumber Co  
 Kennett Co  
 Keystone Lumber Co  
 King Lumber Industries  
 King Lumber Industries Inc  
 Kirby Lumber Corp  
 Kora Industries Inc  
 Learned (E S) & Son  
 Lenning (M E) Lumber Co  
 Lexington Lumber Co  
 Lighty Brothers  
 Link-Newcomb Mill & Lumber Co  
 Long-Bell Lumber Co  
 Louisiana Central Lumber Co  
 Mansfield Hardwood Lumber Co  
 Marshall Lumber Co  
 Martin (Ray O) Lumber Co  
 Mason (A) & Sons Inc  
 May Brothers  
 McCann Lumber Co  
 McCarrall Lumber Co  
 McCracken & McCall Inc  
 McCulloch Lumber Co  
 McGraw-Curran Lumber Co  
 McLean-Arkansas Lumber Co  
 Meadow River Lumber Co  
 Mengel Co  
 Miller Brothers  
 Miller & Co Inc  
 Minton (T W) & Co  
 Miss-Valley Hardwood Co  
 Mobile River Sawmill Co  
 Monteath (J H) Co  
 Morrison Gross & Co  
 Mowbray & Robinson Lumber Co  
 Moser Lumber Co  
 Newellton Hardwood Co  
 Nickay Brothers Inc  
 Oakboro Lumber Co  
 Owen (B C) Co  
 Otan Lumber Co  
 Farnell Lumber Co  
 Paterson-McInnis Lumber Co  
 Phillips-Rhyne Lumber Co Inc  
 Pine Plume Lumber Co  
 Plant & Griffith Lumber Co  
 Plumly (F W) Lumber Co  
 Plumlett-Webster Lumber Co Inc  
 Polmett Lumber & Mfg Co  
 Pratt (E W)  
 Pratt Lumber Co  
 Ransom (W A) Lumber Co  
 Reynolds Brothers Lumber Co  
 Reynolds-Gannell Lumber Co  
 Reynolds & Manley Lumber Co  
 Roddis Plywood Corp  
 Rose (D M) & Co  
 Rush Lumber Co  
 Santee River Hardwood Co  
 Saunders & Cox  
 Schilling Lumber Co  
 Scotch Lumber Co  
 Sears Lumber Co  
 Shannon Brothers Lumber Co  
 Smith Lumber Co  
 Smith (W T) Lumber Co  
 Sondheimer (E) Co

Southern Lumber Co  
 Southern Pine Lumber Co  
 Southern Star Lumber Co  
 Sparrkan Hardwood Lumber Co  
 Stark James E) Co  
 Stark (J W) & Sons Lumber Co  
 Stearns Coal & Lumber Co  
 Stewart (E A) Lumber Co  
 Rimson Lumber Co  
 Stone (J E) Lumber Co  
 Stutz Lumber Co  
 Stuart Lumber Co  
 Stutz Lumber Co Inc  
 Stutz Sawmill Co Inc  
 Sullivan Lumber Co  
 Swainboro Lumber Co  
 Temple Lumber Co  
 Texas Longleaf Lumber Co  
 Thistlethwaite Lumber Co  
 Thomas & Proetz Lumber Co  
 Thompson Mahogany Co  
 Townsend Brothers  
 Turner Lumber Co  
 United Timber & Lumber Co  
 Urania Lumber Co  
 Vestal Lumber & Mfg Co  
 Vinton (R A) Lumber Co  
 Vredeborg Saw Mill Co  
 Walker & Smith Lumber Co  
 Warner Lumber Co  
 Wax Lumber Co  
 Wells (J W) Lumber Co of Ala  
 Welsh Lumber Co  
 West Virginia Lumber Co  
 Wheeler Lumber Co  
 Williams-Brownell Planning Mill Co  
 Williams (J L) & Sons  
 Williams & McKeithan Lumber Co  
 Williams & Voris Hardwood Co  
 Williams & Voris Lumber Co  
 Williams & Voris Saw Mill Co  
 Wood-Monroe Co Inc  
 Woods Lumber Co Inc  
 Woody (W W) Lumber Co  
 Wright (J Walter) Lumber Co  
 Youngman-Reynolds Lumber Co  
 Zielgraf Hardwood Co

**LUMBER, PECAN**

Anderson-Tully Co  
 Angelina Hardwood Sales Co  
 Atlantic Lumber Co  
 Bowen (A M) Lumber Co  
 Bradley Lumber Co  
 Breese-White Mfg Co  
 Cather Lumber Co  
 Chapman & Dewey Lumber Co  
 Conkling (Frank A) Co  
 Dacus Lumber Co  
 Edens-Birch Lumber Co  
 Elrod (J E) Lumber Co  
 Fisher Brothers Lumber Co  
 Fordyce-Crossett Lumber Co  
 Frost Lumber Industries  
 Gaines Hardwood Lumber Co  
 Georgia-Pacific Plywood & Lumber Co  
 Gooch Brothers Lumber Co  
 Hall (D H) Lumber Co  
 Hallett Mfg Co Inc  
 Hall-Inzer Lumber Co  
 Hilkey Deutch Edwards Inc  
 Houston Brothers  
 Industrial Lumber Co  
 Jeffries (J W) Lumber Co  
 Joun (J M) Lumber Co  
 King Lumber Industries Inc  
 Kirby Lumber Corp  
 Kora Industries Inc  
 Learned (E S) & Son  
 Lenning (M E) Lumber Co  
 Link-Newcomb Mill & Lumber Co  
 Louisiana Central Lumber Co  
 Mansfield Hardwood Lumber Co  
 Martin (Ray O) Lumber Co  
 May Brothers  
 McCarrall Lumber Co  
 McGraw-Curran Lumber Co  
 McLean-Arkansas Lumber Co  
 Mengel Co  
 Midland Valley Lumber Co  
 Mobile River Sawmill Co  
 Newellton Hardwood Co  
 Nickay Brothers Inc  
 Northern Ohio Co  
 Otan Lumber Co  
 Paterson-McInnis Lumber Co  
 Phillips-Rhyne Lumber Co Inc  
 Basson (W A) Co  
 Schwing Lumber & Shingle Co  
 Shannon Brothers Lumber Co  
 Smith (W T) Lumber Co  
 Sondheimer (E) Co  
 Southern Lumber Co  
 Southern Pine Lumber Co  
 Stark James E) Co  
 Stewart (E A) Co  
 Stutz Lumber Co Inc  
 Stutz Sawmill Co Inc  
 Temple Lumber Co  
 Texas Longleaf Lumber Co  
 Thistlethwaite Lumber Co  
 Townsend Brothers  
 Turner Lumber Co  
 United Timber & Lumber Co  
 Vestal Lumber & Mfg Co  
 Vinton (R A) Lumber Co  
 Wax Lumber Co  
 Wells (J W) Lumber Co of Ala  
 Welsh Lumber Co  
 Williams & Voris Hardwood Co  
 Woods Lumber Co Inc  
 Woody (W W) Lumber Co

**List of Manufacturers' Names With  
 Complete Addresses Starts on Page D-67**

**LUMBER, PINE, NORWAY**

Chaffee Brothers Co  
 Christiansen (C M) Co  
 Cress (George E) & Sons  
 Fink (John E) Lumber Co  
 Hancock (M S) Inc  
 Jones (R T) Lumber Co  
 Kennert Co  
 Mason (A) & Sons Inc  
 Mathes (John E) & Sons Inc  
 Michigan Maple Block Co  
 Michigan Pole & Tie Co  
 Rainy Lake Lumber Co Ltd  
 Saco Lumber Co Inc  
 Timberlands Inc  
 Trout Creek Lumber Co  
 Wallich (M J) Land & Lumber Co

**LUMBER, PINE, PONDEROSA**

Alexander-Tawkey Lumber Co  
 American Box Corp  
 Anaconda Copper Mining Co  
 Anglo Box & Lumber Co  
 Atlas Tie Co  
 Balcock Lumber Co  
 Bertullino Lumber Co  
 Biles Coleman Lumber Co  
 Blagen Lumber Co  
 Blue Mountain Mills  
 Bockner Lumber Co  
 Brooks-Seaman Lumber Co  
 Brown's Tie & Lumber Co  
 Brunyan (Paul) Lumber Co  
 Byles-Jamison Lumber Co  
 California Door Co  
 California Sugar & Western Pine Agency  
 Cascade Lumber Co  
 Chelan Box & Mfg Co  
 Clover Valley Lumber Co  
 Collins Pine Co  
 Collins Ponderosa Lumber Co  
 Comfort (George N) Lumber Co  
 Craig Mountain Lumber Co  
 Crane Mills Inc  
 Crowley Lumber Co Inc  
 Deer Park Pine Industry Inc  
 Diamond Match Co  
 Dollar (Robert) Co  
 Draper (Fred) Lumber Co  
 Exchange-Sawmills Sales Co  
 Ferguson (W T) Lumber Co  
 Fieldman Lumber Co  
 Georgia-Pacific Plywood & Lumber Co  
 Gilchrist Timber Co  
 Goose Lake Box Co  
 Hallock & Howard Lumber Co  
 Heppner Lumber Co  
 Herman Brothers Lumber Co  
 High Sierra Pine Mills Inc  
 Hines (Edward) Lumber Co  
 Hughes Brothers  
 Indiana Head Lumber Co  
 Ivory Pine Co  
 Kallepelt Lumber Co  
 Kankon Forest Products Inc  
 Kennedy (J G) Lumber Co  
 Kent Lumber Co  
 Kinross Pine Mills Co  
 Klamath Basin Pine Mills Inc  
 Kogap Lumber Industries  
 Lawson Lumber & Box Co  
 Long-Bell Lumber Co  
 Long Lake Lumber Co  
 MacArthur & Smith Inc  
 Main Seattle Lumber Co  
 McCloud River Lumber Co  
 McCloud Corp  
 Michigan-California Lumber Co  
 Miller (Geo E) Lumber Co  
 Modac Lumber Co  
 Morrison (A) Lumber Co  
 Mt Emily Lumber Co  
 Mt Shasta Pine Mfg Co  
 Mt Whitney Lumber Co  
 Navajo Tribal Sawmill  
 Neils (J) Lumber Co  
 New Mexico Timber Co  
 Northwest Timber Co  
 Ochoon Lumber Co  
 Oregon-American Lumber Co  
 Oregon Lumber Co  
 Oregon Trail Lumber Co  
 Pack River Sales Co  
 Peshastin Lumber & Box Co  
 Peshastin Lumber Corp  
 Pine Logging Co of Calif  
 Placerville Lumber Co  
 Ponderosa Foundries Inc  
 Ponderosa Pine Woodwork  
 Prestidge (M R) Lumber Co  
 Qutsky Lumber Co Inc  
 Redwood Mfg Co  
 Russell & Pugh Lumber Co  
 Sacramento Box & Lumber Co  
 Saguine & Manlove Lumber Co  
 St. Marie Lumber Co Inc  
 Schmitt Brothers Lumber Co  
 Schmitt Lumber Co  
 Sherman (Edward J) Lumber Sales  
 Sherrin McCloud Lumber Co  
 Smith (Ralph L) Lumber Co  
 Soderberg (Carl) Lumber Co  
 Somers Lumber Co  
 Southwest Lumber Co  
 Southwest Lumber Mills Inc  
 Tartar Webster & Johnson Inc  
 Terrill Lumber Co  
 Timber Products Co  
 Tygh Valley Lumber Co  
 Union Lumber Co  
 VanBiese Lumber Sales Corp  
 Wales Lumber Co  
 Western Pine Association  
 Western Pine Mfg Co

West Side Lumber Co  
 Weyerhaeuser Sales Co  
 White Pine Lumber Co Inc  
 White Pine Sash Co  
 Wilkinson Lumber Co  
 Winchester Box Co  
 Winton Lumber Sales Co  
 Zamboni Lumber Co Inc  
 Zoell Lumber Co

**LUMBER, PINE, SUGAR**

Angels Box & Lumber Co  
 Babcock Lumber Co  
 Blue Mountain Mills  
 Byles-Jamison Lumber Co  
 California Door Co  
 California Sugar & Western Pine Agency  
 Collins Pine Co  
 Comfort (George N) Lumber Co  
 Crowley Lumber Co Inc  
 Diamond Match Co  
 Ewansa Box Co  
 Exchange Sawmills Sales Co  
 Ferguson (W T) Lumber Co  
 Fieldman Lumber Co  
 Herman Brothers Lumber Co  
 High Sierra Pine Mills Inc  
 Hines (Edward) Lumber Co  
 Hughes Brothers  
 Ivory Pine Co  
 Kennedy (J G) Lumber Co  
 Klamath Basin Pine Mills Inc  
 Kogap Lumber Industries  
 Long-Bell Lumber Co  
 Main Seattle Lumber Co  
 McCloud River Lumber Co  
 Meadow Valley Lumber Co  
 McCloud Corp  
 Michigan-California Lumber Co  
 Miller (George E) Lumber Co  
 Modac Lumber Co  
 Mt Shasta Pine Mfg Co  
 Mt Whitney Lumber Co  
 Picking Lumber Corp  
 Pine Logging Co of Calif  
 Placerville Lumber Co  
 Qutsky Lumber Co Inc  
 Redwood Mfg Co  
 Sacramento Box & Lumber Co  
 Schmitt Brothers Lumber Co  
 Scott Lumber Co Inc  
 Sherman (Edward J) Lumber Sales  
 Sherrin McCloud Lumber Co  
 Smith (Ralph L) Lumber Co  
 Soderberg (Carl) Lumber Co  
 South Oregon Sugar Pine Co  
 Tartar Webster & Johnson Inc  
 Timber Products Co  
 Twin Harbors Lumber Co  
 Utah Pine Lumber Co  
 Union Lumber Co  
 VanBiese Lumber Sales Corp  
 Wales Lumber Co  
 Western Pine Association  
 West Side Lumber Co  
 Weyerhaeuser Sales Co  
 Wilkinson Lumber Co  
 Winton Lumber Sales Co  
 Zamboni Lumber Co Inc

**LUMBER, PINE, WHITE, APPALACHIAN**

Atlanta Oak Flooring Co  
 Atlantic Lumber Co  
 Babcock Lumber Co  
 Brown (H B)  
 Carr Lumber Co  
 Conasauga River Lumber Co  
 English Lumber Co  
 Genett Lumber Co  
 Hardwood Corp of America  
 Hutton & Boutonista Co  
 Marshall Lumber Co  
 Oklahoma Lumber Co  
 Plymly (P W) Lumber Corp  
 Polioint Lumber & Mfg Co  
 Stearns Coal & Lumber Co  
 Vestal Lumber & Mfg Co  
 Warner Lumber Co  
 Williams-Brownell Planing Mill Co  
 Zickgraf Hardwood Co

**LUMBER, PINE, WHITE, NORTHERN**

Ahonen Lumber Co  
 Augusta Lumber Co  
 Babcock Lumber Co  
 Bay de Noquet Co  
 Boehm-Madsen Lumber Co  
 Bonifas (William J) Lumber Co  
 Bowler Lumber Co  
 Burt (C E & F O) Co  
 Cadillac-See Lumber Co  
 Chaffee Brothers Co  
 Christiansen (C M) Co  
 Comfort (George N) Lumber Co  
 Connor Lumber and Land Co  
 Cupeland Lumber Co  
 Cutton & Hanlon  
 Cress (George E) & Sons  
 Deering (J G) & Son  
 Diamond Match Co  
 Dickerson (Clark) Lumber Co  
 Emporium Forestry Co  
 Endrebor Lumber Co  
 Everett Hardwood Lumber Co  
 Ferguson (W T) Lumber Co  
 Fensenden Companies Inc  
 Fink (John E) Lumber Co

Fisher & Young  
 Fishman Lumber Co  
 Fox (Abbott) Lumber Co  
 Georgia-Pacific Plywood & Lumber Co  
 Gillies Brothers  
 Goodman Lumber Co  
 Greene Lumber Co  
 Hancock (M S) Inc  
 Hawley Lumber Co  
 Hines (Edward) Lumber Co  
 Holden & Martin Lumber Co  
 Jaeger Lumber Co  
 Johnson Lumber Co Inc  
 Jones (R T) Lumber Co  
 Kankian Forest Products Inc  
 Kennert Co  
 Keiry & Hanson Flooring Co  
 Kneer Lumber Co  
 Kogap Lumber Industries  
 Langdell Lumber Co  
 Lang-Bell Lumber Co  
 Mason (A) & Sons Inc  
 Mathes (John E) & Sons Inc  
 McFarland-Brown Lumber Co  
 Menominee Indian Mills  
 Menzner Lumber & Supply Co  
 Michigan Pole & Tie Co  
 Michigan Maple Block Co  
 Miller (George E) Lumber Co  
 Neils (J) Lumber Co  
 Great Wood Dish Corp  
 Plant & Griffin Lumber Co  
 Plimmet-Welmer Lumber Co Inc  
 Raley Lake Lumber Co  
 Riddis Plywood Corp  
 Russell & Pugh Lumber Co  
 Saco Lumber Co  
 Smith (Ralph L) Lumber Co  
 St. Marie Lumber Co  
 South Oregon Sugar Pine Co  
 Stephenson (I) Co  
 Stoltz (F H) Land & Lumber Co  
 Timberlands Inc  
 Trout Creek Lumber Co  
 Underwood Veneer Co  
 VanBiese Lumber Sales Corp  
 Wallich (M J) Land & Lumber Co  
 Ward Lumber Co  
 Weyerhaeuser Sales Co  
 White Pine Lumber Co  
 White River Timber Co  
 Winton Lumber Sales Co

**LUMBER, PINE, WHITE, WESTERN**

Bockmier Lumber Co  
 Diamond Match Co  
 Deer Park Pine Industry Inc  
 Exchange Sawmills Sales Co  
 Georgia-Pacific Plywood & Lumber Co  
 Kneusel (J G) Lumber Co  
 Long Lake Lumber Co  
 MacArthur & Smith Inc  
 Main Seattle Lumber Co  
 Neils (J) Lumber Co  
 Nettleton Timber Co  
 Ohio Match Co  
 Pack River Sales Co  
 Peshastin Lumber & Box Co  
 Russell & Pugh Lumber Co  
 Soderberg (Carl) Lumber Co  
 Spokane Pine Products Co  
 Twin Harbors Lumber Co  
 Wales Lumber Co  
 Western Pine Association  
 Weyerhaeuser Sales Co  
 White Pine Sash Co  
 Winton Sales Co

**LUMBER, PINE, YELLOW, SOUTHERN**

Alexander Brothers Lumber Co  
 Alger-Sullivan Lumber Co  
 Allison Lumber Co  
 Altman Lumber Co Inc  
 Anderson Tully Co  
 Angelina County Lumber Co  
 Argus Lumber Co  
 Arkansas Oak Flooring Co  
 Arkansas Soft Pine Bureau  
 Atlanta Lumber Co  
 Augusta Hardwood Co  
 Babcock Lumber Co  
 Barnes Lumber Corp  
 Barsties Lumber Co  
 Belcher (W E) Lumber Co  
 Belmont Lumber Co  
 Bentley (J A) Lumber Co  
 Boynton Mfg Co  
 Bradley Lumber Co of Ark  
 Bray (J N) Lumber Co  
 Brooks-Seaman Inc  
 Bruce (E L) Co  
 Burkette Lumber Co  
 Burruss Land & Lumber Co  
 Cade River Lumber Co  
 Callahan (C K) & Sons Lumber Co Inc  
 Campbell Coal Co  
 Camp Mfg Co  
 Caschous Lumber Co  
 Carroll (A B) Lumber Co  
 Carter (W T) & Brothers  
 Cather Lumber Co  
 Central Lumber Co  
 Chattahoochee Valley Lumber Co  
 Chatsworth Lumber Co  
 Cleveland-Geonne Lumber Co  
 Coastal Lumber Co  
 Conasauga River Lumber Co

Cooking (Frank A) Co  
 Conway Lumber Co  
 Cook (A B) Co  
 Cutton & Hanlon  
 Corinth Planing Mill Co  
 Crosby Lumber & Mfg Co  
 Crowell Long Leaf Lumber Co Inc  
 Dadeville Lumber Co Inc  
 Daisher Lumber Co  
 Dargan Lumber Mfg Co  
 Davis Brothers Lumber Co  
 Deemer Lumber Co  
 DeWense (A) Lumber Co  
 Diecks Lumber & Coal Co  
 Dolan Lumber Co  
 Downing (F M) Lumber Co  
 Edson-Rich Lumber Co  
 Elrod (J E) Lumber Co  
 Eureka Lumber Co  
 Fair (D L) Lumber Co  
 Farris Lumber Co  
 Ferguson (W T) Lumber Co  
 Fisher Brothers Lumber Co  
 Fielder Lumber Co  
 Foley Lumber Industries  
 Fote (B D) Lumber Co  
 Fordyce-Crossett Lumber Co  
 Frazier Lumber Co  
 Frost Lumber Industries Inc  
 Frost-Sibbery Lumber Co  
 Georgia-Pacific Plywood Lumber Co  
 Gordon (Mose) Lumber Co  
 Gray (C L) Lumber Co  
 Greer Lumber Co  
 Greene Brothers Lumber Co  
 Griffith Lumber Co  
 Griffin (J M) & Sons  
 Gordon Lumber Co  
 Gulf Lumber Co  
 Hallett Mfg Co Inc  
 Hancock Lumber Co  
 Hardwood Corp of America  
 Laska Lumber Co  
 Henderson-Milnes Co  
 Hill-Behan Lumber Co  
 Hilber Deutch Edwards Inc  
 Hines (Edward) Lumber Co  
 Holly Hill Cypress Co  
 Houston Brothers  
 Hunt (Lacy H) Lumber Co  
 Hutton & Bourbonnais Co  
 Innes Lumber Co  
 Jeffers Lumber Co Inc  
 Jeffers-McElrath Mfg Co  
 Jeffers-Myers Mfg Co  
 Jervis (J W) Lumber Co  
 Jones (C J) Lumber Co  
 Jones (J M) Lumber Co  
 Keystone Lumber Co  
 King Lumber Industries  
 King Lumber Industries Inc  
 Kirby Lumber Corp  
 Klumb (C E) Lumber Co  
 Knapp (J M) Lumber Co  
 Lackey (S E) Lumber Co  
 Lexington Lumber Co  
 Lightsey Brothers  
 Long-Bell Lumber Co  
 Louisiana Central Lumber Co  
 Louisiana Long Leaf Lumber Co  
 Mansfield Barber Lumber Co  
 Martin (Roy O) Lumber Co  
 May Brothers  
 Parnell Lumber Co  
 McCarroll Lumber Co  
 McGowan (W M) Lumber Co  
 McNezi Co Inc  
 Midland Valley Lumber Co  
 Miller & Co Inc  
 Miller (T E) Mill Co  
 Mullins Lumber Co  
 Neal Lumber & Mfg Co  
 Nettles Lumber Co  
 Oakburn Lumber Co  
 Ozan Lumber Co  
 Parnell Lumber Co  
 Paterson-McIntosh Lumber Co  
 Peary-Wilson Lumber Co  
 Phillips-Blythe Lumber Co  
 Pierce (M H) Lumber Co  
 Pine Plume Lumber Co  
 Plymly (P W) Lumber Corp  
 Polioint Lumber & Mfg Co  
 Pratt Lumber Co  
 Putnam Lumber & Export Co  
 Reynolds Brothers Lumber Co  
 Reynolds-Gammill Lumber Co  
 Reynolds & Manley Lumber Co  
 Richmond-Butler Lumber Co  
 Riggs-Buttram Lumber Co  
 Main Lumber Co  
 Sabine Lumber Co  
 St. Joe Lumber & Export Co  
 Santee River Hardwood Co  
 Saunders & Cox  
 Scotch Lumber Co  
 Shepherd Lumber Corp  
 Sims Lumber Co  
 Sinclair Lumber Co Inc  
 Smith Lumber Co  
 Smith (W J) Lumber Co  
 Smith (W T) Lumber Co Inc  
 Snow Lumber Co  
 South Atlantic Lumber Co  
 Southern Lumber Co  
 Southern Pine Association  
 Southern Pine Lumber Co  
 Starr (J W) & Sons Lumber Co  
 Stearns Coal & Lumber Co  
 Stone (J E) Lumber Co  
 Stoney (W M) Lumber Co  
 Stringfellow Lumber Co  
 Stuart Lumber Corp  
 Stuts Lumber Co Inc  
 Stuts Sawmill Co Inc  
 Sullivan Lumber Co  
 Sumnersville Brothers Lumber Co  
 Sutton (T O) & Sons  
 Swainburn Lumber Co  
 Temple Lumber Co

List of Manufacturers' Names With  
 Complete Addresses Starts on Page D-67



Stoney (W M) Lumber Co  
 Stotts Sawmill Co Inc  
 Stotts Sawmill Co Inc  
 Sullivan Lumber Co  
 Swainboro Lumber Co  
 Temple Lumber Co  
 Thibodaux Lumber Co  
 Thomas Lumber & Mfg Co  
 Thomas & Proetz Lumber Co  
 Turner Lumber Co  
 United Timber & Lumber Co  
 Urona Lumber Co  
 Vestal Lumber & Mfg Co  
 Vinton (B A) Lumber Co  
 Vredenburg Saw Mill Co  
 Wax Lumber Co  
 Wells (J W) Lumber Co of Ala  
 Welsh Lumber Co  
 Wheeler Lumber Co  
 Williams (J L) & Sons  
 Williams & McKeithan Lumber Co  
 Williams & Voria Hardwood Co  
 Williams & Voria Lumber Co  
 Williams & Voria Saw Mill Co  
 Woods Lumber Co Inc  
 Woody (W W) Lumber Co  
 Yeagerman-Reynolds Lumber Co

**LUMBER, WALNUT**

Adams (E B) Lumber Co Inc  
 Anderson-Tully Co  
 Atlanta Oak Flooring Co  
 Atlantic Lumber Co  
 Atlanta (A M) Lumber Co  
 Brown (D D)  
 Bruce (E L) Co  
 Cook (F C) & Co  
 Crisp (M E) Lumber Co  
 Eubank Coal & Lumber Co  
 Gaines Hardwood Lumber Co  
 Gennett Lumber Co  
 Georgia-Pacific Plywood & Lumber Co  
 Graham Lumber Co  
 Griffith Lumber Co  
 Hall & Neely  
 Hardwood Corp of America  
 Hart-Thompson Lumber Co  
 Houston Brothers  
 Huntington Hardwood Co  
 Inter-Mountain Coal & Lumber Co  
 Jackson Sawmill Co  
 Jones (J M) Lumber Co  
 King Lumber Industries Inc  
 Kitchen Lumber Co  
 Marshall Lumber Co  
 McCracken & McCall Inc  
 Midland Valley Lumber Co  
 Miller & Co  
 Miller & Co Inc  
 Minion (W F) & Co  
 Miss-Valley Hardwood Co  
 Morrison Gross & Co  
 Newberry & Robinson Lumber Co  
 Mower Lumber Co  
 Nicky Brothers Inc  
 Palmetto Lumber & Mfg Co  
 Rose (D M) & Co  
 Schilling Lumber Co  
 Southern Pine Lumber Co  
 Southern Star Lumber Co  
 Stark (James E) Co  
 Stewart (E A) Lumber Co  
 Stinson Lumber Co  
 Stone (J E) Lumber Co  
 Stark Lumber Corp  
 Stotts Lumber Co Inc  
 Stotts Sawmill Co Inc  
 Texas Longleaf Lumber Co  
 Thomas & Proetz Lumber Co  
 Thompson Mahogany Co  
 Tuttle Timber & Mfg Co  
 Vestal Lumber & Mfg Co  
 Walker & Smith Lumber Co  
 Warner Lumber Co  
 Wax Lumber Co  
 Williams-Brownell Planting Mill Co  
 Williams & Voria Lumber Co  
 Wood-Monroe Co Inc  
 Wright (J Walter) Lumber Co

**LUMBER, WILLOW**

Anderson-Tully Co  
 Atlantic Lumber Co  
 Breese-White Mfg Co  
 Bruce (E L) Co  
 Dacus Lumber Co  
 Gaines Hardwood Lumber Co  
 Georgia-Pacific Plywood & Lumber Co  
 Hallett Mfg Co Inc  
 Hall-Inner Lumber Co  
 Hillier Deutch Edwards Inc  
 Jackson Sawmill Co  
 Jones (J M) Lumber Co  
 Kellogg Lumber Co  
 King Lumber Industries Inc  
 Martin (Roy O) Lumber Co  
 May Brothers  
 McLean-Arkansas Lumber Co  
 Mergel Co  
 Midland Valley Lumber Co  
 Miss Valley Hardwood Co  
 Newellins Hardwood Co  
 Nicky Bros Inc  
 Owen (E C) Co  
 Ovan Lumber Co  
 Ransom (W A) Lumber Co  
 Reising Lumber & Shingle Co  
 Smith (W T) Lumber Co  
 Southmeier (E) Co  
 Southern Pine Lumber Co  
 Southern Star Lumber Co  
 Stark (James E) Co  
 Stewart (E A) Lumber Co  
 Stone (J E) Lumber Co  
 Stotts Lumber Co Inc

Stotts Sawmill Co Inc  
 Texas Longleaf Lumber Co  
 Thibodaux Lumber Co  
 Thomas & Proetz Lumber Co  
 Townsend Brothers  
 Turner Lumber Co  
 United Timber & Lumber Co  
 Vestal Lumber & Mfg Co  
 Walker & Smith Lumber Co  
 Wax Lumber Co  
 Williams & Voria Lumber Co

**LUMBER, CROSETT & SALT TREATED**

American Lumber & Treating Co  
 Atlanta Crosscutting Co  
 Baxter (J B) & Co  
 Best Lumber Co  
 Betty (E G) Lumber Co  
 Brooks-Seaton Corp  
 Clear Fir Sales Co  
 Coney-Davis Lumber Co  
 Crosby Lumber & Mfg Co  
 Crockett Lumber Co  
 Eprod (J E) Lumber Co  
 Epinger & Russell Co  
 Fordyce-Crockett Lumber Co  
 Fruit Lumber Industries Inc  
 Gay-Womack Lumber Co  
 Georgia-Pacific Plywood & Lumber Co  
 Hammond Lumber Co  
 Heidritte Lumber Corp  
 Hines (Edward) Lumber Co  
 Kaul Lumber Co  
 Kirby Lumber Corp  
 Lone Star Crosscutting Co  
 Long-Bell Lumber Co  
 Marsh & Truman Lumber Co  
 Martin-Dickson Inc  
 McQuistan (George) Co  
 Moss (T J) Tie Co  
 Pope & Talbot Inc  
 Protector Corp  
 Southern Wood Preserving Co  
 Taylor-Solomitt Co  
 Timber Structures Inc  
 Weiner (H C) Lumber Co  
 West Coast Lumbermen's Association  
 West Coast Wood Preserving Co  
 Weyerhaeuser Sales Co  
 Wood (E K) Lumber Co  
 Yellow Pine Sales Co

**LUMBER, FLAMEPROOF**

American Lumber & Treating Co  
 Crockett Lumber Co  
 Fordyce-Crockett Lumber Co  
 Fox Brothers Mfg Co  
 MacArthur & Smith Inc  
 Protector Corp

**LUMBER, MINIATURE**

Miniature Lumbercraft Co

**MACHINES, BLOCK, CONCRETE**

Air Placement Equipment Co  
 Besser Mfg Co  
 Bricklayer Associates Inc  
 Brickmaster  
 Concrete Industries Inc  
 Concrete Equipment Co  
 Concrete Transport Mixer Co  
 Crawford Industries  
 Darden (Roy) Industries Inc  
 Dunn (W E) Mfg Co  
 Equipment Engineering Co  
 Fleming Mfg Co Inc  
 Ford Concrete Block Machine Co  
 General Engines Co Inc  
 George (F C) Machine Co  
 Hollistone Co  
 Jackson & Church Co  
 Kent Machine Co  
 Lih-I-Bar Co  
 Little Giant Products Inc  
 Mortarless Tile Machine Co Inc  
 Multiplex Concrete Machinery Co  
 National Brick Block Inc  
 Reed (E R) Corp  
 Stearns Mfg Co Inc  
 Tva (E K) Co  
 Universal Tampers Inc  
 Ziedler Concrete Products Machinery Co

**MACHINES, CONCRETE JOIST**

American Steel Works  
 Besser Mfg Co  
 Concrete Industries Inc  
 Lih-I-Bar Co  
 Stearns Mfg Co Inc

**MACHINES, CONCRETE PIPE**

Besser Mfg Co  
 Concrete Pipe Machinery Co  
 Dunn (W E) Mfg Co  
 Universal Concrete Pipe Co  
 Ziedler Concrete Products Machinery Co

**MACHINES, CUTTER, METAL LATH**

Harvey Mfg Co

**MACHINES & EQUIPMENT, OFFICE**

Alax Time Stamp Co  
 Autographic Register Co  
 Berger Mfg Co Div Republic Steel Corp  
 Burgess Co Inc

Burroughs Adding Machine Co  
 Calculagraph Co  
 Cary Milliner Corp  
 Davidson Mfg Corp  
 Dick (A B) Co  
 Eary Register Co  
 Elliott Addressing Machine Co  
 Felt & Tarrant Mfg Co  
 Friden Calculating Machine Co  
 Hamilton Autographic Register Co  
 Heyer Corp  
 International Business Machines Corp  
 Marebant Calculating Machine Co  
 McNary Register Co  
 Mellicke Systems Inc  
 Monroe Calculating Machine Co  
 Moore Business Forms Inc  
 Monitor Safe Co  
 National Cash Register Co  
 Northwest Metal Products Co  
 Oliver Register Co  
 Patent Novelty Co Inc  
 Remington Rand Inc Systems Div  
 Rolotype Corp  
 Smith (L C) & Corona Typewriters Inc  
 Speed-O-Print Corp  
 Standard Register Co  
 Thompson (O E) & Sons  
 Todd Co Inc  
 Tucker-Dunroy Mfg Corp  
 Twentieth Century Products Inc  
 UABCO Inc  
 Victor Adding Machine Co  
 Waddell Co Inc

**MACHINES, CONCRETE BLOCK CURING**

Besser Mfg Co

**MACHINES, GLASS CUTTING**

Cummins Business Machine Co Wapatt (Fred W) Div  
 Pittsburgh Plate Glass Co  
 Red Devil Tools

**MACHINES, LOCK MORTISING**

Boler-Crane Co  
 Greenlee Brothers & Co  
 Hall Tool Co  
 Oliver Machinery Co  
 Porter-Cable Machine Co  
 Stanley Electric Tool Div Stanley Works  
 Wallace (J D) & Co

**MACHINES, MORTAR SPREADING**

Rapid Mfg Co

**MACHINES, NAILING**

Dolg (W B) Inc  
 Grammes (L F) & Sons Inc  
 Holt (W E) Mfg Co  
 McCroskey Tool Corp  
 Spotnails Inc

**MACHINES, POLISHING**

American Floor Surfacing Machine Co  
 Atlas Floor Surfacing Machinery Corp  
 Clarke Sanding Machine Co  
 Detroit Surfacing Machine Co  
 Finzell System Inc  
 General Floorcraft Inc  
 Hill Floor Machine Co  
 Lenders Pratt & Clark  
 Porter-Cable Machine Co  
 Red Devil Tools  
 Silencers Inc  
 Tennant (G B) Co

**MACHINE, BODDING**

Whitman Mfg Co

**MACHINES, SILS STAVE, CONCRETE**

Besser Mfg Co

**MACHINES, SNOW & DIRT REMOVAL**

Gravelly Motor Plow & Cultivator Co  
 Hain (George) Mfg Co Div Pettibone Mull-  
 len Corp

**MACHINES, TAPING, DRYWALL**

Drywall Taping Co

**MACHINES, WOOD PICKET PAINTING**

Schubert (H A) Co  
 Woodworkers Tool Works

**MACHINES, WOODWORKING**

American Sawmill Machine Co  
 Atlas Press Co  
 Beach Mfg Co  
 Black & Decker Mfg Co  
 Boler-Crane Co  
 Bunn Machine Works  
 Chase Turbine Mfg Co  
 Chattanooga Machinery Co  
 Citro Tool Co  
 C & L Machinery Co  
 Consolidated Machinery & Supply Co Ltd  
 Cummins Business Machine Co Wapatt (Fred W) Div

Delta Manufacturing Div Rockwell Mfg Co  
 DeWalt Inc  
 Eastern Carbons & Co  
 Eay (J A) & Egan Co  
 Farnburg Mfg Co  
 Gensler Brothers & Co  
 Hauscholtz Mfg Co  
 Hinton & Anderson Div St Paul Eng & Mfg Co  
 Holmes (E B) Machinery Co  
 Hutchinson Mfg Co  
 Jones Superior Machine Co  
 Kautzman Machine Co  
 McElhenny Mfg Co  
 Merritt-Monahan Corp  
 Muesing Machine Co  
 Newman Machine Co  
 Otter Machinery Co  
 Overal Machine Works Inc  
 Palmer Machinery Co  
 Parks Woodworking Machine Co  
 Porter-Cable Machine Co  
 Power-King Tool Corp  
 Powermatic Machine Co  
 Pringle & Brodie Machinery Co  
 Rockwell Mfg Co Power Tool Div  
 Skinner Inc  
 Stanley Electric Tools Div Stanley Works  
 Stearns-Ross Machine Co  
 Tannettic Works  
 Turner Machinery Co  
 Vantage Moulder Corp  
 Walker-Turner Div Kearney & Trecker Corp  
 Wallace (J D) & Co  
 Whitney (Baxter D) & Son Inc  
 Wilson Saw Div Media Machine Works Inc  
 Woods (E J) Machine Co  
 Yates-American Machine Co

**HANDRELS, SAW**

Beach Mfg Co  
 Chase Turbine Mfg Co  
 Clarke Brothers Mfg Co  
 Consolidated Machinery & Supply Co Ltd  
 Corinth Machinery Co  
 Cunningham Machinery Corp  
 Eay (J A) & Egan Co  
 Filer & Stewart Co  
 Huber Brothers Saw Mfg Co Inc  
 Industrial Iron Works  
 Lane Mfg Co  
 Pennock Co  
 Yates-American Machine Co

**MANTELS, WOOD**

Burke Millwork Co  
 Carr Adams & Collier Co  
 Cole Mfg Co  
 Columbia Mantel Co Inc  
 Curtis Cos Inc  
 Farley & Loetscher Mfg Co  
 Gregg & Son Inc  
 Hattie Mfg Co  
 Ideal Co  
 Morgan Co  
 Readybuilt Products Co  
 Seebach & Munser Co  
 Silbernagel (George J) & Sons Co  
 Swankler (Frank C) & Co Inc

**MARKERS, DRIVEWAY REFLECTING**

Auto Sign Display Co  
 Valley Forge  
 Modern Metals Co  
 Reflecto Letters Co

**MATERIALS, CONCRETE FORM, METAL**

Blaw-Knox Div Blaw-Knox Co  
 Steel Products Co  
 Ryerson (Joseph T) & Son  
 Ronle Steel Co  
 T S Plywood Corp  
 Williams Form Engineering Corp

**MATERIALS, INSULATION ELECTRIC**

General Electric Co Chemical Dept

**MATS, DOOR, STEEL FLEXIBLE**

Cynlone Floor Div American Steel & Wire Co  
 Keystone Wire Matting Co  
 L'Orville Mat & Mfg Co

**MATS, RUBBER**

Continental Rubber Works  
 Diamond Rubber Div Goodrich (D F) Co  
 Hamilton Rubber Mfg Co  
 U S Rubber Co

**MESH, WIRE**

American Steel & Wire Co  
 Coo Steel Products Corp  
 Chase Brass & Copper Co  
 Colorado Fuel & Iron Corp  
 Columbia Steel Co  
 Curtis Cos Inc  
 Keystone Steel & Wire Co  
 Logan Co Inc  
 Northwestern Steel & Wire Co  
 Pittsburgh Steel Products Co  
 Republic Steel Corp  
 Smith (F P) Wire & Iron Works Inc  
 Southern Wire & Iron Works  
 Trueson Steel Co  
 Wickwire Brothers Inc  
 Wickwire Spencer Steel Div Colorado Fuel &  
 Iron Corp

**List of Manufacturers' Names With  
 Complete Addresses Starts on Page D-67**

**METERS, FEED WATER**

Eristol Co  
Nephtum Meter Co  
Republic Flow Meters Co  
Taylor Instrument Co

**MICROMETERS**

Brown & Sharpe Mfg Co  
Lufkin Rule Co  
Millen Falls Co  
Starrett (L. S.) Co

**MILLING IN TRANSIT**

Corinth Planing Mill Co  
Foshee Lumber Co  
Grayson Lumber Co  
Hallack & Howard Lumber Co  
Kinross Pine Mills Co  
Stark (James E.) Co  
Tacoma Lumber Fabricating Co

**MILLS, SAW, MACHINERY FOR**

Allis-Chalmers Mfg Co  
American Sawmill Machine Co  
Bennett-Ireland Inc  
Chain Belt Co of Milwaukee  
Farquhar (A. B.) Co  
Hoyer Co  
Industrial Iron Works

**MIRRORS, BATHROOM**

Rache (Semon) & Co  
Rehnan Glass Co  
Conant Brothers Co  
Conroy-Prough Glass Co  
Copeo Steel & Engineering Co  
Debartin Glass Co  
Hagemann Co Inc  
Libbey-Owens-Ford Glass Co  
Miami Cabinet Div Carey (Philip) Mfg Co  
National Mirror Works  
Nurre Co Inc  
Parker (Charles) Co  
Pittsburgh Plate Glass Co  
Safeite Glass Co  
Standard Steel Cabinet Co  
Toledo Plate & Window Glass Co

**MIRRORS, DECORATIVE & HOUSEHOLD**

Acme Specialty Mfg Co  
Art Mirror & Glass Specialty Co  
Rache (Semon) & Co  
Rehnan Glass Co  
Bennett Mfg Co  
Caddillac Glass Co  
Conroy-Prough Glass Co  
Debartin Glass Co  
Forman-Ford & Co  
Fuller (W. P.) & Co  
Hagemann Co Inc  
Hosler Glass & Paint Mfg Co  
Miami Cabinet Div Carey (Philip) Mfg Co  
National Metal Products Co  
National Mirror Works  
Nurre Co Inc  
Parker (Charles) Co  
Pittsburgh Plate Glass Co  
Safeite Glass Co  
Standard Building Products Co  
Toledo Plate & Window Glass Co  
Tyler & Hippach Glass Co  
Warren Co

**MIRRORS, TRANSPARENT**

Libbey-Owens-Ford Glass Co  
Pittsburgh Plate Glass Co

**MIX, MORTAR, GROUND CLAY**

Adel Clay Products Co  
Barber-Greene Co  
Chicago Fire Brick Co  
Harbison-Walker Refractories Co  
Robinson Clay Product Co  
Rockford Brick & Tile Co  
Sheffield Brick & Tile Co  
Vincent Clay Products Co

**MIXERS, CONCRETE, MORTAR, ETC**

Besser Mfg Co  
Bueh Mfg Co  
Chain Belt Co  
Concrete Transport Mixer Co  
Construction Machinery Co  
Dunn (W. E.) Mfg Co  
Eastick Mfg Co  
Fleming Mfg Co  
Goldblatt Tool Co  
Jaeger Machine Co  
Johnson (C. S.) Co  
Knickerbocker Mfg Co  
Kochling Co  
Kwik Mix Concrete Mixer Co  
Lansing Co  
Little Giant Products Inc  
Muller Machinery Co Inc  
Northwest Metal Products Inc  
Pang Mixer Co  
Smith (T. L.) Co  
Stearns Mfg Co  
Worthington Pump & Machinery Corp  
Worthington Pump & Machinery Corp Ban-  
some Div

**MIXERS CONCRETE PRODUCTS PLANT**

Besser Mfg Co  
Blaw-Knox Div Blaw-Knox Co  
Chain Belt Co of Milwaukee  
Concrete Transport Mixer Co  
Construction Machinery Co  
Darden (Roy) Industries Inc  
Dobson Mfg Co Inc  
Dunn (W. E.) Mfg Co  
Fleming Mfg Co  
Foslee (J. B.) Foundry Co  
George (F. C.) Machine Co  
Gillon Brothers Co  
Jaeger Machine Co  
Johnson (C. S.) Co  
Kwik Machine Co  
Kochling Co  
Muller Machine Co Inc  
Multiplex Concrete Machinery Co  
O. E. Mfg Co  
Power Equipment Construction Co  
Smith (T. L.) Co  
Stearns Mfg Co  
Worthington Pump & Machinery Corp  
Worthington Pump & Machinery Corp Ban-  
some Div

**MIXERS, CONCRETE, TRANSIT**

Blaw-Knox Div Blaw-Knox Co  
Chain Belt Co of Milwaukee  
Concrete Transport Mixer Co  
Jaeger Machine Co  
Smith (T. L.) Co  
Willard Concrete Machinery Co Ltd  
Worthington Pump & Machinery Corp  
Worthington Pump & Machinery Corp Ban-  
some Div

**MOPS, ROOFING APPLICATOR**

Alpoma Mfg Co  
Cupples Co  
Graham (John H.) Co Ltd  
Kirby Industries

**MORTAR**

American Portland Co Inc  
Huron Portland Cement Co  
National Lime & Stone Co  
Indiana Portland Cement Co  
Washington Brick & Lime Co  
What Cheer Clay Products Co

**MORTAR, PAINTING**

X-Pando Corp

**MORTISERS, SASH PULLEY**

Olivier Machinery Co

**MOTORS, ELECTRIC**

Allis-Chalmers Mfg Co  
Atlas Press Co  
Beach Mfg Co  
Boyer-Trapp Co  
Central Electric Co  
Deleo Appliance Div General Motors Corp  
Diehl Mfg Co Electrical Div Singer Mfg Co  
Emerson Electric Mfg Co  
Fairbanks-Morse & Co  
Fasco Industries Inc  
General Electric Co Apparatus Dept  
Hamilton Beach Co Div Scovill Mfg Co  
Kingston-Conroy Div Hoover Co  
Leland Electric Co  
Peerless Electric Co  
Robbins & Myers Co  
Russell Electric Co  
Signal Electric Mfg Co  
Wagner Electric Corp  
Westinghouse Electric Corp

**MOULDINGS, CONDUIT BASE**

Ames Metal Moulding Co Inc  
Knapp Brothers Mfg Co  
National Electric Products Corp

**MOULDINGS, HARDBOARD**

Barelay Mfg Co Inc  
Gibbs Boardrite Corp  
Marsh Wall Products Inc  
Prestite Mfg Co  
Roxdale Building Products Corp  
Tyler Co  
Wallace Mfg Co

**MOULDINGS, METAL**

Arctis Steel Products Corp  
Alabama Metal Lath Co  
Allmetal Weatherstrip Co  
Alloy Trim Inc  
Aluminum Co of America  
American Brass Co  
Ames Metal Moulding Co  
Armstrong Corp Co Building Material Div  
Barelay Mfg Co Inc  
Brodix Mfg Co  
Blum (John) & Co Inc  
Bustwick Steel Lath Co  
Brasco Mfg Co  
Brain (J. G.) Co

**B & T Metals Co**

Ceco Steel Products Corp  
Central Metal Strip Co  
Cham Brass & Copper Co  
Chicago Metallic Sash Co  
Colonial Salsa Corp  
Decorite Inc  
Fiddes-Moore & Co  
Ford Metal Moulding Corp  
Gibbs Boardrite Corp  
Goldsmith Metal Lath Co  
Harve Machine Co Inc  
Heron-Zimmer Moulding Co  
Inland Steel Products Co  
Kawneer Co  
Kinroad Industries Inc  
Knapp Brothers Mfg Co  
Lee (John) Div Serrick Corp  
Lastro Plastic Tile Mfg Co  
Macklamburg-Duncan Co  
Marsh Wall Products Inc  
Mengel Co Inc  
Metal Arts Mfg Co  
Metal Tile Products Inc  
Metal Trim Inc  
Miracle Mfg Co  
Mouldings Inc  
National Aluminum Co  
National Gypsum Co  
National Metal Products Co  
Penn Metal Co Inc  
Penn Supply & Metal Corp  
Pittsburgh Plate Glass Co  
Potts-Farrington Co  
Prestite Mfg Co  
Protex Weatherstrip Mfg Co  
Pyramid Mouldings Inc  
Pyramid Products Inc  
Rever Copper & Brass Inc  
Reynolds Metals Co Building Products Div  
Roxdale Building Products Corp  
St. Paul Corrugating Co  
Samson Products Co  
Selsco (Walter E.) & Co  
Standard Moulding Co Inc  
Steelcraft Mfg Co  
Superior Industries Inc  
S & W Moulding Co  
Trimedge Inc  
Trucon Steel Co  
Tyler Co  
United Industries Inc  
U. S. Gypsum Co  
U. S. Plywood Corp  
Wallace Mfg Co  
Werner (E. D.) Co Inc  
Whelving Corrugating Co  
Wollager Steel Corp  
Woolser Products Inc  
Youngstown Mfg Co Inc

**MOULDINGS, PLASTIC**

Bendix Mfg Co  
Blum (Julian) & Co Inc  
B & T Metals Co  
Chicago Wood & Plastic Products  
Extruded Plastics Inc  
Heron-Zimmer Moulding Co  
Imperial Molded Products Co  
Macklamburg-Duncan Co  
Marsh Wall Products Inc  
National Aluminum Co  
Parker (S.) Hardware Mfg Corp  
Prestite Engineering Co  
Prestite Mfg Co  
Skyline Industries  
Superior Plastics Div Commonwealth Plastics  
Inc  
S & W Moulding Co  
Wallace Mfg Co  
Werner (E. D.) Co Inc  
Yankee Tile & Fibre Mfg Co  
Youngstown Mfg Co Inc

**MOULDINGS, PRICE CARD**

Bendix Mfg Co  
B & T Metals Co  
Decorite Inc  
Dunning (H. A.)  
Grammes (L. F.) & Sons Inc  
Hines (Edward) Lumber Co  
Hopp Press Inc  
Johnswood Co  
Kinroad Industries Inc  
Macklamburg-Duncan Co  
Marsh Wall Products Inc  
Metric Systems Inc  
National Aluminum Co  
Pyramid Mouldings Inc  
Reflector Hardware Corp  
S & W Moulding Co  
Trimedge Inc  
Western Pine Association  
Zimmerman (F. M.)

**MOULDINGS, WOOD**

Arkansas Oak Flooring Co  
Arkansas Soft Pine Bureau  
Brodix Mfg Co  
Biles-Coleman Lumber Co Inc  
Blum (Julian) Co Inc  
Bradley Lumber Co of Ark  
Burdie Millwork Co  
Cameron (William) & Co Inc Ideal Div  
Carr Adams & Collier Co  
Chicago Wood & Plastic Products  
Cole Mfg Co  
Cook County Lumber Co  
Cramer Co

Crosscut Lumber Co  
Curtis Companies Inc  
Dargan Lumber Co  
Farley & Lortcher Mfg Co  
Forsyth-Crosscut Lumber Co  
Frost Lumber Industries Inc  
General Panel Corp  
Georgia-Pacific Plywood & Lumber Co  
Gregg & Son  
Heiler (W. C.) & Co  
Hines (Edward) Lumber Co  
Huttig Mfg Co  
Ideal Company  
Krewebe-Franks & Mfg Co  
Kinross Pine Mills Co  
Leibold Corp  
Long-Bell Lumber Co  
MacArthur & Smith Inc  
Marquatt Millwork Co  
Marsh Wall Products Inc  
Mash Shettle Lumber Co  
Mengel Co Inc  
Midwest Jobber Inc  
Morgan Sash & Door Co  
Nashotah Moulding & Mfg Co  
Nisley Brothers Inc  
Northwest Door & Plywood Co  
Oregon-American Lumber Corp  
Oshkosh Wood Products Corp  
Ostin (David) Moulding Corp  
Pacific Lumber Co  
Pickering Lumber Co  
Pineand Pine Woodwork  
Roch & Mouser Co  
Rock Island Millwork Co  
Seigler & Kohlbas Co  
Silbermagnel (George J.) & Sons Co  
Smith (Ralph L.) Lumber Co  
Southern Lumber Co  
Southern Pine Lumber Co  
Spokane Sash & Door Co  
Stiles (H. A.) Co  
Tibbals Flooring Co  
U. S. Mengel Plywood  
Washington Mfg Co  
West Coast Lumbermen's Association  
Western Pine Association  
Western Pine Mfg Co  
Weyerhaeuser Sales Co  
White Pine Sash Co  
Willamette Valley Lumber Co  
Wilson (A. K.) Lumber Co

**MOULDINGS, WOOD VENEER-ON-METAL**

Keller Products Inc  
U. S. Plywood Corp

**NAILES & TACKERS AUTOMATIC**

Hansen (A. L.) Mfg Co

**NAILES, ALUMINUM**

Ceco Steel Products Co  
New Holland Metals Co  
Nichols Wire & Aluminum Co  
Potts-Farrington Co  
Reynolds Metals Co Building Products Div

**NAILES, BRAD**

American Steel & Wire Co  
Bethlehem Steel Co  
Continental Steel Corp  
Crosby (L. F.) & Sons Inc  
Hilma Steel & Wire Co  
Wheeling Steel Corp  
Wickwire Spencer Steel Div Colorado Fuel &  
Iron Corp

**NAILES, COMMON**

American Steel & Wire Co  
Angell Nail & Chisel Co  
Atlas Tack Corp  
Bambrick (Richard J.)  
Berge Mfg Co Div Republic Steel Corp  
Bethlehem Steel Co  
Ceco Steel Products Corp  
Cham Brass & Copper Co  
Columbia Steel Co  
Continental Steel Corp  
Copperwell Steel Co  
Crescent Brass & Pin Co  
Eastern Nail Co  
Elastic Stop Nail Corp of America  
Hassall (John) Inc  
Henniker Machine Co  
Illinois Nail Co  
Independent Nail & Packing Co  
Jones & Laughlin Steel Corp  
Kaysome Steel & Wire Co  
Maze (W. H.) Co  
Mid-States Steel & Wire Co  
New Holland Metals Co  
Nichols Wire & Aluminum Co  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Republic Steel Corp  
St. Paul Corrugating Co  
Tennessee Coal Iron & Railroad Co  
Valentine Equipment Co  
Wash Company Inc  
Wheeling Corrugating Co  
Wickwire Brothers Inc  
Wickwire Spencer Steel Div Colorado Fuel &  
Iron Corp  
Wilson Steel & Wire Co

**NAILES COPPER**

Alan Wood Steel Co  
American Steel & Wire Co  
Angell Nail & Chisel Co  
Atlas Tack Corp  
Cham Brass & Copper Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

Columbia Steel Corp  
Continental Steel Corp  
Dickson Weatherproof Nail Co  
Independent Nail & Packing Co  
Steel & Wire Products Co  
Tennessee Coal Iron & Railroad Co  
Turner & Seymour Mfg Co

#### NAILS, CUT

Alan Wood Steel Co  
Chase Brass & Copper Co  
Continental Steel Corp  
Eastern Nail Co  
Maze (W B) Co  
Republie Steel Corp  
Tennessee Coal Iron & Railroad Co  
Tremont Nail Co  
Wheeling Corrugating Co

#### NAILS, FLOORING

Alan Wood Steel Co  
American Steel & Wire Co  
Bethlehem Steel Co  
Continental Steel Corp  
Copperwell Steel Co  
Dickson Weatherproof Nail Co  
Independent Nail & Packing Co  
Keystone Steel & Wire Co  
Mid-States Steel & Wire Co  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Republie Steel Corp  
Tennessee Coal Iron & Railroad Co  
Tremont Nail Co  
Valentine Equipment Co  
Wheeling Corrugating Co  
Wickwire Brothers Inc

#### NAILS, LATH

Alan Wood Steel Co  
American Steel & Wire Co  
Bethlehem Steel Co  
Continental Steel Corp  
Copperwell Steel Co  
Goldsmith Metal Lath Co  
Keystone Steel & Wire Co  
Mid-States Steel & Wire Co  
Northwestern Steel & Wire Co  
Penn Metal Co Inc  
Tennessee Coal Iron & Railroad Co  
Valentine Equipment Co  
Wickwire Bros Inc

#### NAILS, LEADHEAD

American Steel & Wire Co  
Bethlehem Steel Co  
Ceco Steel Products Corp  
Continental Steel Corp  
Denison Co  
Dickson Weatherproof Nail Co  
Independent Nail & Packing Co  
Inland Steel Products Co  
Keystone Steel & Wire Co  
Maze (W B) Co  
Mid-States Steel & Wire Co  
Nichols Wire & Aluminum Co  
Northwestern Steel & Wire Co  
Republie Steel Corp  
Tennessee Coal Iron & Railroad Co  
Wheeling Corrugating Co

#### NAILS, MASONRY

Badger Corrugating Co  
Colorado Fuel & Iron Corp  
Continental Steel Corp  
Dickson Weatherproof Nail Co  
Billwood Mfg Co  
Independent Nail & Packing Co  
Star Expansion Products Co  
Tremont Nail Co

#### NAILS, ROOFING

Alan Wood Steel Co  
American Steel & Wire Co  
Atlas Tack Corp  
Bethlehem Steel Co  
Chase Brass & Copper Co  
Colorado Fuel & Iron Corp  
Columbia Steel Co  
Continental Steel Corp  
Copperwell Steel Co  
Cupples Co  
Denison Co  
Dickson Weatherproof Nail Co  
Edwards Mfg Co  
Independent Nail & Packing Co  
Inland Steel Products Co  
Jones & Laughlin Steel Corp  
Keystone Steel & Wire Co  
Maze (W B) Co  
Mid-States Steel & Wire Co  
New Holland Metals Co  
Nichols Wire & Aluminum Co  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Republie Steel Corp  
Tennessee Coal Iron & Railroad Co  
Valentine Equipment Co  
Wheeling Corrugating Co  
Wickwire Brothers Inc  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp  
Wilson Steel & Wire Co

#### NAILS, SCREW TYPE

Columbia Steel Co  
Continental Steel Corp  
Cupples Co  
Denison Co

Dickson Weatherproof Nail Co  
Billwood Mfg Co  
Independent Nail & Packing Co  
Nichols Wire & Aluminum Co  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Republie Steel Corp  
Reynolds Metals Co Building Products Div  
Stronghold Screw Products Inc  
Tennessee Coal Iron & Railroad Co

#### NAILS, SELFLOCKING

E G Building Fasteners Corp  
Elastic Stop Nut Corp of America

#### NAILS, SHINGLE

Alan Wood Steel Co  
American Steel & Wire Co  
Atlas Tack Corp  
Bethlehem Steel Co  
Chase Brass & Copper Co  
Colorado Fuel & Iron Corp  
Columbia Steel Co  
Continental Steel Corp  
Dickson Weatherproof Nail Co  
Elastic Stop Nut Corp of America  
Independent Nail & Packing Co  
Jones & Laughlin Steel Corp  
Keystone Steel & Wire Co  
Maze (W B) Co  
Nichols Wire & Aluminum Co  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Reynolds Metals Co Building Products Div  
Sheffield Steel Corp  
Tennessee Coal Iron & Railroad Co  
Wilson Steel & Wire Co

#### NAILS, WALLBOARD

American Steel & Wire Co  
Angus Nail & Taglet Co  
Columbia Steel Co  
Northwestern Steel & Wire Co  
Republie Steel Corp  
Valentine Equipment Co  
Wickwire Brothers Inc

#### NAILS & BOLTS, ANCHOR

Deives Inc  
Moore (Goodloe E) Co

#### NETTING, WIRE

American Steel & Wire Co  
Ceco Steel Products Corp  
Columbia Steel Co  
Continental Steel Corp  
Cyclone Fence Div American Steel & Wire Co  
Indiana Steel & Wire Co  
Keystone Steel & Wire Co  
Mid-States Steel & Wire Co  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Republie Steel Corp  
Tennessee Coal Iron & Railroad Co  
Truon Steel Co  
Wickwire Brothers Inc  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

#### NIPPERS

Champion-De-Arment Tool Co  
Damasco Steel Products Corp  
Lowe Mfg Co  
M & M Wire Clamp Co  
Peck Saw & Wilcox Co  
Red Devil Tools  
Star Brothers Bell Co  
Vaughan & Bushnell Mfg Co

#### NOISINGS, METAL

Amen Metal Moulding Co  
Blum (Julius) Co Inc  
B & F Metals Co  
Ceco Steel Products Corp  
Central Metal Strip Co  
Chase Brass & Copper Co  
Decorite Inc  
Ford Metal Moulding Corp  
Inland Steel Products Co  
Kinshard Industries Inc  
Macklanburg-Duncan Co  
Marsh Wall Products Inc  
Moore (Goodloe E) Co  
Pyramid Mouldings Inc  
Safe Tread Co  
Werner (B D) Co Inc  
Wheeling Corrugating Co  
Wollanger Steel Corp  
Woolter Products Inc  
Youngstown Mfg Co Inc

#### NOVELTIES & AIDS, ADVERTISING

Advertisers Exchange Inc  
Advertiser's Mfg Co  
Bemis Brothers Bag Co  
Berg (F O) Co  
Britram Co  
Brown Rudolph Co  
Building Products Merchandising Service

Canton Glass Co Inc  
Carlson & Sullivan Inc  
Clifton Mfg Co  
Colonial Knife Co Inc  
Cyclone Hooper Co  
Eagle Rule Mfg Corp  
Economy Novelty & Printing Co  
Edwards (Victor) & Co  
Fulton Bag & Cotton Mills  
Garrison-Wagner Printing Co  
Gorton (Louis) Mfg Co  
Grammes (L F) & Sons Inc  
Kemper Thomas Co  
Lawrence Engineering Service  
Lefflin Rule Co  
Master Rule Mfg Co Inc  
May (J L) Company  
Meyer-Bush Co  
Minnesota Specialty Co  
Murphy (Thomas D) Co  
National Plus Service Inc  
Newman (Rudolph) Lithographing Co  
Parfitt Novelty Co  
Pella (William H) Poster Print  
Robeson Cutlery Co Inc  
Russell Harrington Cutlery Co  
Shedd-Brown Mfg Co  
Standard Awning Co  
Stanley Works  
Uster Knife Co Inc  
Voos Co Inc  
Wagner Awning & Mfg Co  
Werner Canvas Products Co

#### NOZZLES, HOSE

Allen (W D) Mfg Co  
Boston Water Hose & Rubber Co  
Elkhart Brass Mfg Co Inc  
Farquhar (A B) Co  
Kryston Brass & Rubber Co  
Kraus (Walter S) Co  
Magnum Products Co  
Myers (F E) & Wheeler Co  
Penberthy Injector Co  
Rovill Mfg Co  
Smith (D B) & Co

#### NUMBERS & LETTERS, LUMINOUS

Elwood Co  
Lemolite Corp  
Macklanburg-Duncan Co

#### NUMBERS & LETTERS, REFLECTING

Auto Sign Display Co  
Dowe (S) Reflect Div Clayton Studios  
Macklanburg-Duncan Co  
Reflecto Letters (H) Co  
Signmaker Lock Co  
Thuman & Associates Inc  
U S Lite-Ray Co

#### NUMBERS & LETTERS, TILE

Cambridge Tile Mfg Co

#### NUMBERS & LETTERS, WOOD & METAL

Ajax Hardware Mfg Corp  
Champion Hardware Co  
Clipes Corp  
Clayton Studios  
Clinton Lock Co  
Corbin (P & F) Div American Hardware Corp  
Dowe (S) Reflect Div Clayton Studios  
Eero Mfg Co  
Finsale Equipment Co  
Harris Inc  
Heller (W C) & Co  
Ideal Brass Works Inc  
Ingram-Richardson Mfg Co  
Ives (H B) Company  
Macklanburg-Duncan Co  
Mathews (Lames H) & Co  
McKinney Mfg Co  
National Brass Co  
Nelson-Harkins Industries  
Norwalk Lock Co Div Segal Lock & Hardware Co  
NorTone Inc  
Penn Hardware Company  
Russell & Erwin Div American Hardware Corp  
Rustic Furniture Co Inc  
Safe Padlock & Hardware Co  
Sager-Barrows Lock Works  
St Paul Corrugating Co  
Sargent & Co  
Skillman Hardware Co  
Signmaker Lock Co  
Stanley Brothers Inc  
Standard Bronze Co  
Stanley Works  
Tollman Products Co  
Yale & Towne Mfg Co

#### OIL, LEAD MIXING

Braving Brothers Inc  
Eagle-Fischer Co  
Glidden Co  
National Lead Co  
Pabco Products Inc  
Pittsburgh Plate Glass Co

#### OIL, LINSEED

Archer-Daniels-Midland Co  
Ridow Linseed Co  
Cit-Naseel Paint & Varnish Co

Puller (W P) & Co  
Glidden Co  
Gordon (George C) Chemical Co  
Harrison Paint & Varnish Co  
Interstate Oil Co  
Killogg (Sweeney) & Sons Corp  
Minnesota Linseed Oil Paint Co  
Mobile Paint Mfg Co  
National Lead Co  
Pittsburgh Plate Glass Co  
Sherwin-Williams Co  
Technical Oil Div South Tex Cotton Oil Co

#### OPENERS, CAR DOOR

Honell (R B) Co  
Nolan Co

#### OPERATORS, GARAGE DOOR

Crawe (H W) Co  
Cranford Door Co  
Frank Mfg Co  
McKe Door Co  
Vendo Co

#### OUTLETS, ELECTRIC

Arrow-Hark & Hogenan Electric Co  
Auto Electrical Specialty Co  
Bell Electric Co  
Benjamin Electric Mfg Co  
Bostwick Steel Lath Co  
Byant Electric Co  
Culter-Hammer Inc  
Donley Brothers  
Economy Fuse & Mfg Co  
Edwards Co Inc  
General Electric Co Construction Materials Dept  
Glis Molding Corp  
Huddell (Harvey) Inc  
Tass & Seymour  
Sommer Metalcraft Corp  
Square D Co  
Standard Mirror Co  
Weber Electric Co  
Wheeling Corrugating Co

#### OVENS, ELECTRIC DRYING

Collid Equipment Co  
Detroit Sheet Metal Works  
Grand Rapids Vapor Kiln Inc  
Trent Inc

#### OVENS, OUTDOOR & DUTCH

Dunley Brothers  
Glascock Store & Mfg Co  
Hancock Iron Works  
Kraus (Walter S) Co  
Majestic Co  
Outdoor Oven Fireplace Co  
Salem & Nation Inc  
Price Fireplace Heater & Tank Corp  
Western Foundry Co

#### PAISLS

Aluminum Goods Mfg Co  
Bailey (Robert) Machine Works  
Boyle Mfg Co  
Cincinnati Galvanizing Co  
General Machine Co  
Gusler Paenchie & Fry Co  
Memphis Wooden Ware Co  
New England Wooden Ware Corp  
Reves Steel & Mfg Co  
Richmond Cedar Works  
Sertens Can Co Inc  
Vollrath Co  
Wheeling Corrugating Co  
White Map Wringer Co

#### PAINTERS, SCREEN

Carlson (A B) & Co

#### PAINTS, ACIDPROOF

Abesta Mfg Corp  
Borden Varnish Co  
Chicago Bronze & Color Works  
Devco & Raynolds Inc  
Du Pont (E I) de Nemours & Co  
Ellis Paint & Varnish Co  
Hera (A C) Co Inc  
Lithogen Corp  
Lowelco Inc  
Lowe Brothers Co  
Moore (Goodloe E) Co  
O'Brien Corp  
Pabco Products Inc  
Patterson-Sargent Co  
Rohrerid Co  
Sawlin Paints Co Inc  
Seaboard Plastics Corp  
Sherwin-Williams Co  
Soudbur (L) Sons Inc  
Steelco Mfg Co  
Sullivan Co  
Truon Laboratories Div Devco & Raynolds Inc  
Valentine & Co Inc  
Wilbur & Williams Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

**PAINTS, ALUMINUM BRONZE & GOLD**

Abesto Mfg Corp  
Aluminum Co of America  
Aluminum Industries Inc  
Arnesto Paint Co Inc  
Boston Varnish Co  
Chicago Paints Inc  
Cook Paint & Varnish Co  
Crescent Bronze Powder Co  
Devese & Reynolds Inc  
Eagle-Picher Co  
Elliott Paint & Varnish Co  
Flintkote Co  
Glidden Co  
Hoboken White Lead & Color Works Inc  
Horn (A C) Co Inc  
Illinois Bronze Powder Co Inc  
Lockery Co  
Lowe Brothers Co  
Martin-Senour Co  
Masury (John W) & Son  
Pittsburgh Plate Glass Co  
Scidilla Paint & Varnish Co  
Sheffield Bronze Paint Corp  
Sherwin-Williams Co  
Steelco Mfg Co  
Truscon Laboratories Div Devese & Reynolds Inc  
Wilbur & Williams Co

**PAINTS, ASPHALT**

Abesto Mfg Corp  
Akron Paint & Varnish Co  
American Asphalt Paint Co  
American Asphalt Roof Corp  
American-Marietta Co  
American Varnish Co  
Armstrong Cork Co Building Materials Div  
Barrett Div Allied Chemical & Dye Co  
Boston Varnish Co  
Breinig Brothers Inc  
Calbar Paint & Varnish Co  
Carey (Phillip) Mfg Co  
Ceresit Waterproofing Corp  
Cheeseman-Elliott Inc  
Chicago Bronze & Color Works  
Devese & Reynolds Inc  
Du Pont (E I) de Nemours & Co Inc  
Elliott Paint & Varnish Co  
Evercrete Corp  
Flintkote Co  
Ford Roofing Products Co  
Forman-Ford & Co  
Fog Paint Co Inc  
Gibson-Bottana Co  
Glidden Co  
Harbil Mfg Co Inc  
Horn (A C) Co Inc  
Illinois Bronze Powder Co  
John-Manville Corp  
Lebon Co  
Mistite Corp  
Murphy Paint Div Interchemical Corp  
National Gypsum Co  
O'Brien Corp  
Palco Products Inc  
Parker (Ira) & Sons Co  
Pittsburgh Plate Glass Co  
Quigley Co Inc  
Rogers Paint Products Inc  
Ruberoid Co  
Seaboard Plastics Corp  
Scidilla Paint & Varnish Co  
Sicca Soya Paint Co Inc  
Sherwin-Williams Co  
Steelco Mfg Co  
Texas Co  
U S Gutta Percha Paint Co  
Vita-Var Corp  
Wilbur & Williams Co

**PAINTS, AWNING**

Astrup Co  
Cuprinol Div Darworth Inc  
Devese & Reynolds Inc  
King (E F) Co Inc  
Palco Products Inc  
Pittsburgh Plate Glass Co  
Textile Colors Div Interchemical Corp

**PAINTS, CEMENT**

Armor Laboratories  
Breinig Brothers  
Pratt & Lambert Inc  
Spray-Bond Co  
Universal Atlas Cement Co

**PAINTS, COLDWATER & CASEIN**

Abesto Mfg Corp  
Acme White Lead & Color Works  
Alabastine Paint Products Div Chicago Bronze & Color Works  
Burdal (A) Co  
Cook Paint & Varnish Co  
Devese & Reynolds Inc  
Du Pont (E I) de Nemours & Co Inc  
Fog Paint Co Inc  
General Paint Corp  
Glidden Co  
Harbil Mfg Co Inc  
Horn (A C) Co Inc  
Medusa Portland Cement Co  
Minnesota Paints Inc  
Muralo Co Inc  
National Chemical & Mfg Co  
National Gypsum Co  
Parker (Ira) & Sons Co  
Phelan-Faust Paint Mfg Co  
Pittsburgh Plate Glass Co  
Reardon Co  
Rogers Paint Products Inc

Rarget-Gerke Co  
Sherwin-Williams Co  
Tammes Industries Inc  
Toch Brothers Inc  
U S Gypsum Co  
Vita-Var Corp  
Wesco Waterpaints Inc  
Wilbur & Williams Co  
Woodville Lime Co

**PAINTS, CONCRETE, BRICK, STUCCO**

Abesto Mfg Corp  
Acme White Lead & Color Works  
Akron Paint & Varnish Co  
Alabastine Paint Products Div Chicago Bronze & Color Works  
American Flinit Co Inc  
American-Marietta Co  
American Varnish Co  
Arnesto Paint Co Inc  
Beatrix Plaster Co  
Blue Ridge Talc Co Inc  
Boston Varnish Co  
Builders Products  
Burdal (A) Co  
Cabot (Samuel) Inc  
Calbar Paint & Varnish Co  
Celaird Corp  
Ceresal Chemical Corp  
Ceresit Waterproofing Corp  
Cheeseman-Elliott Co Inc  
Chicago Bronze & Color Works  
Coddington (E D) Mfg Co  
Colorecrete Industries Inc  
Devese & Reynolds Inc  
Du Pont (E I) de Nemours & Co Inc  
Elliott Paint & Varnish Co  
Evercrete Corp  
Flexrock Co  
Fox (M Irving) Co Inc  
Fog Paint Co Inc  
General Paint Corp  
Glidden Co  
Harbil Mfg Co Inc  
Hoboken White Lead & Color Works Inc  
Horn (A C) Co Inc  
Johnston (R F) Paint Co  
Kear-Tite Co  
Lithogen Corp  
Lowehco Inc  
Lowe Brothers  
Medusa Portland Cement Co  
Minnesota Paints Inc  
Moore (Benjamin) & Co  
Moore (Goodloe E) Co  
Muralo Co Inc  
Murphy Paint Div Interchemical Corp  
National Gypsum Co  
O'Brien Corp  
Ohio Hydrate & Supply Co  
Patterson-Sargent Co  
Perleum Cement Corp  
Penna Celco Products Co  
Phelan-Faust Paint Mfg Co  
Pittsburgh Plate Glass Co  
Plasti-Kote Inc  
Prima Products Inc  
Reardon Co  
Rebond Products Co  
Robbush & Co  
Scidilla Paint & Varnish Co  
Sherwin Williams Co  
Sonecobe (L) Sons Inc  
Standard Dry Wall Products  
Steelco Mfg Co  
Stanhard Co  
Sullivan Co  
Surface Protection Co  
Tammes Industries Inc  
Trinity Portland Cement Div General Portland Cement Co  
Truscon Laboratories Div Devese & Reynolds Inc  
U S Gutta Percha Paint Co  
U S Gypsum Co  
Vita-Var Corp  
Waterloo Div Empire Varnish Co  
Wilbur & Williams Co  
Woodville Lime Co  
Wurdack Chemical Co  
X-Pando Corp

**PAINTS, CREOSOTE**

Devese & Reynolds Inc

**PAINTS, DOT**

Soneco Products Co

**PAINTS, DRY KILN**

American Varnish Co  
Breinig Cat Corp  
Breinig Brothers Inc  
Devese & Reynolds Inc  
Harbil Mfg Co Inc  
Mobile Paint Mfg Co  
Moore Dry Kiln Co  
Murphy Paint Div Interchemical Corp  
Parker (Ira) & Sons Co  
Pittsburgh Plate Glass Co  
Rockford Paint Mfg Co  
U S Gutta Percha Paint Co  
Wilbur & Williams Co

**PAINTS, FUNGUS REPELLING**

Abesto Mfg Corp

Cuprinol Div Darworth Inc  
Devese & Reynolds Inc  
Du Pont (E I) de Nemours & Co Inc  
Elliott Paint & Varnish Co  
Horn (A C) Co Inc  
Lowe Brothers Co  
O'Brien Corp  
Patterson-Sargent Co  
Pittsburgh Plate Glass Co  
Sherwin-Williams Co  
Vita-Var Corp  
Wilbur & Williams Co  
Wood-Treating Chemicals Co  
Wurdack Chemical Co

**PAINTS, INSECT KILLING**

Superior Paint & Varnish Works

**PAINTS, LEAD**

Acme White Lead & Color Works  
Akron Paint & Varnish Co  
American Varnish Co  
Baker Paint & Varnish Co  
Cheeseman-Elliott Co Inc  
Harbil Mfg Co Inc  
Island White Lead Co  
Mobile Paint Mfg Co  
Murphy Paint Div Interchemical Corp  
National Lead Co  
Parker (Ira) & Sons Co  
Rockford Paint Mfg Co  
Sellers Paint & Varnish Co

**PAINTS, LEAD IN OIL**

Acme White Lead & Color Works  
Arnesto Paint Co Inc  
Boston Varnish Co  
Devese & Reynolds Inc  
Elliott Paint & Varnish Co  
Hoboken White Lead & Color Works  
Horn (A C) Co Inc  
Lowe Brothers Co  
National Lead Co  
Palco Products Inc  
Pittsburgh Plate Glass Co  
Scidilla Paint & Varnish Co  
Sherwin Williams Co  
Valentine & Co Inc  
Vita-Var Corp

**PAINTS, LUMBER END CHECK DEGRADE**

Akron Paint & Varnish Co  
Black Cat Corp  
Breinig Brothers Inc  
Devese & Reynolds Inc  
Forman-Ford & Co  
Harbil Mfg Co  
Minnesota Lined Oil Paint Co  
Moore Dry Kiln Co  
O'Brien Corp  
Parker (Ira) & Sons Co  
Sellers Paint & Varnish Co  
U S Gutta Percha Paint Co

**PAINTS, MARINE**

Acme White Lead & Color Works  
Akron Paint & Varnish Co  
American Varnish Co  
Boston Varnish Co  
Breinig Brothers Inc  
Cheeseman-Elliott Co Inc  
Devese & Reynolds Inc  
Du Pont (E I) de Nemours & Co Inc  
Eagle-Picher Co  
Forman-Ford & Co  
Glidden Co  
Harbil Mfg Co Inc  
Horn (A C) Co Inc  
Lowe Brothers Co  
Lucas (John) & Co Inc  
Marletta Paint & Color Co  
Martin-Senour Co  
Masury (John W) & Son Inc  
McLeskey Varnish Co  
McMurtry Mfg Co  
Minnesota Lined Oil Paint Co  
Mobile Paint Mfg Co  
Moore (Benjamin) & Co  
Muralo Co Inc  
Murphy Paint Div Interchemical Corp  
National Lead Co  
National Mfg Corp  
National Paint Varnish & Lacquer Association  
No-Knazel Corp  
O'Brien Corp  
Palco Products Inc  
Parker (Ira) & Sons  
Patterson-Sargent Co  
Pease-Gaullbert Paint & Varnish Co Inc  
Peena Paint Co Inc  
Perma Products Co  
Phelan-Faust Paint Mfg Co  
Pittsburgh Plate Glass Co  
Plasti-Kote Co  
Pontiac Varnish Co  
Pratt & Lambert Inc  
St Louis Surfactant & Paint Co  
Sagella Paints Inc  
Sargent-Gerke Co  
Seaboard Plastics Corp  
Scidilla Paint & Varnish Co  
Sevall Paint & Varnish Co  
Sherwin-Williams Co  
Sicca Soya Sales Co  
Sonecobe (L) Sons Inc  
Standard Industrial Products Inc  
Standard Varnish Works  
Steelco Mfg Co  
Sterling Paint & Varnish Co  
Sullivan Co  
Toch Brothers Inc  
Tremco Mfg Co  
Truscon Laboratories Div Devese & Reynolds Inc  
Twentyfourth Century Paint & Varnish Co  
U S Gutta Percha Paint Co  
Valentine & Co Inc  
Vita-Var Corp  
Wadsworth Portland & Co  
Wilbur & Williams Co  
Wilhelm (A) Co

**PAINTS, METALLIC**

Akron Paint & Varnish Co  
Alabastine Paint Products Div Chicago Bronze & Color Works  
American-Marietta Co  
American Varnish Co  
Breinig Brothers Inc  
Calbar Paint & Varnish Co  
Commonwealth Varnish Co

Devese & Reynolds Inc  
Du Pont (E I) de Nemours Co Inc  
Forman-Ford & Co  
Gnomat Paint Corp  
Gilliepie Varnish Co  
Harbil Mfg Co  
Koppers Co Inc  
Minnesota Paints Inc  
Mobile Paint Mfg Co  
Murphy Paint Div Interchemical Corp  
Parker (Ira) & Sons Co  
Patterson-Sargent Co  
Phelan-Faust Paint Mfg Co  
Pittsburgh Plate Glass Co  
Plasti-Kote Inc  
Pratt & Lambert Inc  
Reilly Var & Chemical Corp  
Reynolds Metals Co Building Products Div  
St Louis Surfactant & Paint Co  
Sargent-Gerke Co  
Sheffield Bronze Paint Corp  
Sicca Soya Paint Co Inc  
Standard Industrial Products Inc  
U S Gutta Percha Paint Co  
Valentine & Co Inc  
Vita-Var Corp

**PAINTS, OIL**

Abesto Mfg Corp  
Acme White Lead & Color Works  
Akron Paint & Varnish Co  
Alabastine Paint Products Div Chicago Bronze & Color Works  
American-Marietta Co  
American Varnish Co  
Armstrong Paint & Varnish Works  
Arnesto Paint Co Inc  
Berry Brothers  
Boston Varnish Co  
Breinig & Vrooman Co  
Breinig Brothers Inc  
Burdal (A) Co  
Cabot (Samuel) Inc  
Central Paint & Varnish Works  
Chicago Paints Inc  
Chl-Nameel Paint & Varnish Co  
Cook Paint & Varnish Co  
Devese & Reynolds Inc  
Dolphin Paint & Varnish Co  
Du Pont (E I) de Nemours & Co Inc  
Eagle-Picher Co  
Elliott Paint & Varnish Co  
Enterpetes Paint Mfg Co  
Felton Sibley & Co  
Forman-Ford & Co  
Fog Paint Co  
Fuller (W P) & Co Inc  
General Paint Corp  
Glennville Varnish Co  
Glastic Corp  
Glidden Co  
Grand Rapids Varnish Corp  
Harbil Mfg Co Inc  
Harrison Paint & Varnish Co  
Heath & Milligan Co Div Glidden Co  
Hoboken White Lead & Color Works Inc  
Horn (A C) Co Inc  
Indianapolis Paint & Color Co  
Jewel Paint & Varnish Co  
Johnston (R F) Paint Co  
Keystone Varnish Co  
King (E F) & Co Inc  
Kurtes (J F) Paint Co  
Lowe Brothers Co  
Lucas (John) & Co  
Marletta Paint & Color Co  
Martin-Senour Co  
Masury (John W) & Son Inc  
McLeskey Varnish Co  
McMurtry Mfg Co  
Minnesota Lined Oil Paint Co  
Mobile Paint Mfg Co  
Moore (Benjamin) & Co  
Muralo Co Inc  
Murphy Paint Div Interchemical Corp  
National Lead Co  
National Mfg Corp  
National Paint Varnish & Lacquer Association  
No-Knazel Corp  
O'Brien Corp  
Palco Products Inc  
Parker (Ira) & Sons  
Patterson-Sargent Co  
Pease-Gaullbert Paint & Varnish Co Inc  
Peena Paint Co Inc  
Perma Products Co  
Phelan-Faust Paint Mfg Co  
Pittsburgh Plate Glass Co  
Plasti-Kote Co  
Pontiac Varnish Co  
Pratt & Lambert Inc  
St Louis Surfactant & Paint Co  
Sagella Paints Inc  
Sargent-Gerke Co  
Seaboard Plastics Corp  
Scidilla Paint & Varnish Co  
Sevall Paint & Varnish Co  
Sherwin-Williams Co  
Sicca Soya Sales Co  
Sonecobe (L) Sons Inc  
Standard Industrial Products Inc  
Standard Varnish Works  
Steelco Mfg Co  
Sterling Paint & Varnish Co  
Sullivan Co  
Toch Brothers Inc  
Tremco Mfg Co  
Truscon Laboratories Div Devese & Reynolds Inc  
Twentyfourth Century Paint & Varnish Co  
U S Gutta Percha Paint Co  
Valentine & Co Inc  
Vita-Var Corp  
Wadsworth Portland & Co  
Wilbur & Williams Co  
Wilhelm (A) Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67

**PAINTS, PLASTER**

Alton Laboratories  
Bro-Ca-De Inc  
Enterprise Paint Mfg Co  
Glasco Corp  
Lowhite Inc  
National Gypsum Co  
Reardon Co  
Sica Sora Paint Co Inc  
Tammus Industries Inc

**PAINTS, PLASTIC**

General Electric Co Chemical Dept  
Plasti-Kote Inc  
U S Gypsum Co

**PAINTS, RUBBER BASE**

Truscon Laboratories Div Devco & Barnolds Inc

**PAINTS, SYNTHETIC RESIN**

Arvesta Paint Co Inc  
Boston Varnish Co  
Cello Plastic Chemical Co  
Devco & Barnolds Inc  
Du Pont (E I) de Nemours & Co Inc  
Elliott Paint & Varnish Co  
Gildren Co  
Horn (A C) Co Inc  
Illinois Bronze Powder Co  
Lowe Brothers Co  
Martin-Sensar Co  
Miracle Adhesive Corp  
National Gypsum Co  
O'Brien Corp  
Palco Products Inc  
Pittsburgh Plate Glass Co  
Reardon Co  
Sherwin-Williams Co  
U S Gypsum Co  
Valentine & Co Inc  
Vita-Var Corp  
Wesco Waterpaints Inc  
Willor & Williams Co

**PAINTS, TEXTURE**

Reardon Co  
Tammus Industries Inc  
U S Gypsum Co  
Wesco Waterpaints Inc

**PANELS, GVE. PLYWOOD**

Actna Plywood & Veneer Co  
Georgia-Pacific Plywood & Lumber Co  
U S Plywood Corp

**PANELS, GLASS FIBER, CORRUGATED**

Aloysite Co of America  
Corulint Corp  
Frost-Glass Corp

**PANELS, INTERIOR**

Allied Synthetic Co  
Fenestra Building Products

**PANELS, LAMINATED**

Owens-Illinois Glass Co Kaylo Div

**PANELS, LOG CABINS PREFAB**

Fence Co of America  
Bustle Furniture Co Inc

**PANELS, PLASTIC**

Aloysite Co of America

**PANELS, PORCH ENCLOSURE**

Compo-Miracle Products Co

**PANELS, PREFABRICATED WALL**

American Biltdek Co  
Elliott Bay Mill Co  
Mahon Co

**PANELS, STEEL**

Martin-Farry Corp

**PANELWORK, HARDWOOD**

American Plywood Corp  
Bradley Lumber Co of Ark  
Carl Adams & Collier Co  
Curtis Co Inc  
Farley & Lotzinger Mfg Co  
Fordyce-Crosscut Lumber Co  
Frost Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Mengel Co  
Ponderosa Pine Woodwork  
Roddie Plywood Corp  
Twin City Hardwood Lumber Co

**PANELWORK, SOFTWOOD**

Actna Plywood & Veneer Co  
Arkansas Soft Pine Bureau  
Bradley Lumber Co of Ark  
Carl Adams & Collier Co  
Crosscut Lumber Co  
Curtis Co Inc  
Farley & Lotzinger Mfg Co  
Fordyce-Crosscut Lumber Co  
Frost Lumber Industries Inc

Georgia-Pacific Plywood & Lumber Co  
M & H Woodworking Co  
Southern Lumber Co  
Western Pine Association  
Weyerhaeuser Sales Co

**PAPER, ASBESTOS**

Ame Asbestos Covering & Flooring Co  
Carey (Phillip) Mfg Co  
Curtis Asbestos Co  
Euret Magnesia Mfg Co Inc  
Johns-Manville Corp  
Knausby & Mattison Co  
Protective Papers Inc  
Ruberoid Co  
Sall Mountain Co  
Standard Asbestos Mfg Co  
Thilmann Pulp & Paper Co

**PAPER, BUILDING**

American Asphalt Roof Corp  
Barrett Div Allied Chemical & Dye Co  
Carey (Phillip) Mfg Co  
Bird & Son Inc  
Cora Steel Products Co  
Certain-teed Products Corp  
Consolidated Water Power & Paper Co  
Flinting & Sons Inc  
Flintkote Co  
Globe Roofing Products Co Inc  
Hewitt (C E) & Brothers Inc  
Hinde & Dauch Paper Co  
Johns-Manville Corp  
Keystone Asphalt Products Co  
Palco Products Inc  
Prestite Engineering Co  
Protective Papers Inc  
Ralston (W) & Co  
Richkraft Co  
Ruberoid Co  
Sisalcraft Co  
Thilmann Pulp & Paper Co  
U S Gypsum Co  
Well & Sons Paper Co

**PAPER, BUILDING, REINFORCED, WATER-PROOF**

Angier Corp  
Bird & Son Inc  
Ronald Mills Inc  
Certain-teed Products Corp  
Ford Roofing Products Inc  
Hosking Paper Co  
Johns-Manville Corp  
Protective Papers Inc  
Richkraft Co  
Ruberoid Co  
Sisalcraft Co

**PAPER, CONCRETE CURING**

Angier Corp  
Hosking Paper Co  
Keystone Asphalt Products Co  
Protective Papers Inc  
Richkraft Co  
Ruberoid Co  
Sisalcraft Co  
Well & Sons Paper Co

**PAPER, COPPER, ARMORED**

Angier Corp  
Chase Brass & Copper Co  
Richkraft Co  
Sisalcraft Co  
Waco Finishing Co

**PAPER, SILK LINER**

American Asphalt Roof Co  
Angier Corp  
Barrett Div Allied Chemical & Dye Corp  
Ford Roofing Products Co  
Keystone Asphalt Products Co  
Protective Papers Inc  
Richkraft Co  
Ruberoid Co  
Sisalcraft Co

**PAPER, STACK COVER**

Protective Papers Inc  
Richkraft Co  
Sisalcraft Co

**PAPER & CLOTH, ABRASIVE**

Abrasive Products Inc  
American Finer Surfacing Machine Co  
Armour & Co Sandpaper Div  
Atlas Abrasives Corp  
Behr-Manning Corp Div Norton Co  
Carborundum Corp  
Clover Mfg Co  
Dixie Mfg Co  
Mid-West Abrasive Co  
Minnesota Mining & Mfg Co  
Pittsburgh Plate Glass Co  
Red Devil Tools  
Sandpaper Inc  
Southern Galvanizing Co

**PARTITIONS, FOLDING**

Curtison Co  
Hough Shade Corp  
International Steel Co  
New Castle Products Co  
Richards-Wilcox Mfg Co

**PARTITIONS, GLASS, STRUCTURAL**

Libbey-Owen-Ford Glass Co  
Pennsylvania Wire Glass Co  
Pittsburgh Plate Glass Co

**PARTITIONS, OFFICE, HARDWOOD**

U S Plywood Corp

**PARTITIONS, SIDE ROLLING**

Cornell Rolling Doors Works

**PARTITIONS, STEEL**

Alabama Metal Lath Co  
Armo Drainage & Metal Products Inc  
Berger Mfg Co Div Republic Steel Corp  
Bostwick Steel Lath Co  
Coco Steel Products Co  
Fenestra Building Products  
Goldsmith Metal Lath Co  
Great Lakes Steel Corp Stran-Steel Div  
Inland Steel Products Co  
Mahon (E C) Co  
Martin-Farry Corp  
Milwaukee Steamship Co  
National Gypsum Co  
Penn Metal Co Inc  
Sagmoral Products Inc  
Steel Partitions Inc  
Truscon Steel Co  
U S Gypsum Co  
Weiss (Henry) Mfg Co  
Wheeling Corrugating Co

**PARTITIONS, TABLET**

All Metal Partition Co Inc  
Flat Metal Mfg Co  
Peterson (J C) Co

**PARTITIONS, WIRE**

Cyclone Fence Div American Steel & Wire Co  
Edwards Mfg Co  
Legan Co  
Meyers (Fred L) Mfg Co  
Stewart Iron Works Co Inc

**PARTITIONS, WOOD, FIBER, GYPSUM, OTHER COMPOSITIONS, MATERIALS FOR**

Fibrolite Co of America Div Hachmeister Inc  
Celnicor Corp  
Certain-teed Products Corp  
Johns-Manville Corp  
Masonite Inc  
National Gypsum Co  
U S Gypsum Co

**PASTE, WALLPAPER**

Crescent Products Co  
Devco & Barnolds Inc  
Fuller (H B) Co  
Le Page's Inc  
Painter Products Inc  
Patent Cereals Co  
Pittsburgh Plate Glass Co  
Risk (E J) Co  
Tammus Industries Inc  
Wesco Waterpaints Inc

**PATCHING, WALL**

Devco & Barnolds Inc

**PATTERNS, HOBBYCRAFT**

East-Bild Pattern Co  
U-Bild Enterprises

**PAVERS, CONCRETE**

Chain Belt Co  
Construction Machinery Sales Co  
Jaeger Machine Co  
Worthington Pump & Machinery Corp

**PENCILS, CARPENTERS'**

Blaisdell Pencil Co  
Cupples Co  
Dietgen (Eugene) Co  
Dixon (Joseph) Crucible Co  
Eagle Pencil Co  
Eberhard-Faber Pencil Co  
Economy Novelty & Printing Co  
Faber-Castell (A W) Pencil Co  
Kewell & Esser Co  
Koh-I-Noor Pencil Co  
Linton Pencil Co  
Murphy (Thomas D) Co  
Shedd-Brown Mfg Co  
White (David) Co

**PENCILS, PRICE MARKING**

Blaisdell Pencil Co  
Dixon (Joseph) Crucible Co  
Economy Novelty & Printing Co  
Linto Pencil Corp  
Marhal Co

**PILES**

Armo Drainage & Metal Products Inc

**PINS, COTTER**

Cham Brass & Copper Co

**PIPE, ASBESTOS CEMENT**

Armstrong Cork Co Building Materials Div  
Johns-Manville Corp  
Knausby & Mattison Co  
Smith & Kanauer Inc  
Standard Asbestos Mfg Co  
Universal Sewer Pipe Co

**PIPE, CAST IRON, SOIL & FITTINGS**

Annisson Roll Pipe Co  
Brady Conveyors Corp  
Crane Co  
Industrial Iron Works  
Sorn (J A) Mfg Co

**PIPE, CLAY, SEWER**

Agate Sewer Pipe Co  
American Vitreous Products Co  
Blackmer & Post Pipe Co  
California Pottery Co  
Cannon Sewer Pipe Co  
Clark (N) & Sons Div Pacific Clay Products  
Clay City Pipe Co  
Clay Products Association  
Columbia Pipe Co  
Duc Clay Products Co  
Evers Sewer Pipe & Clay Co  
Eckert (W B) Clay Mfg Co  
East Ohio Sewer Pipe Co  
Eman Pipe Co  
Evans & Howard Sewer Pipe Co  
Gladding-McBean & Co  
Josa Pipe & Tile Co  
Junction Clay Clay Co  
Lehigh Sewer Pipe & Tile Co  
Logan Clay Products Co  
National Clay Pipe Mfg Inc  
Onocoe Clay Products Co  
Owens-Illinois Sewer Pipe Co  
Pacific Clay Products Co  
Patton Clay Mfg Co  
Pine Hill Brick & Pipe Co  
Pomona Terra-Cotta Co  
Red Wing Sewer Pipe Corp  
Robinson Clay Product Co  
St. Mary's Clay Products Co  
Steverson Drain Tile Co  
Union Clay Mfg Corp  
Universal Sewer Pipe Corp  
Washington Brick & Lime Co  
What Cheer Clay Products Co  
White Hall Sewer Pipe & Stoneware Co

**PIPE, CONDUCTOR, EAVES TROUGH**

Alabama Metal Lath Co  
Armo (W R)  
Badger Corrugating Co  
Berger Mfg Div Republic Steel Corp  
Carnegie-Illinois Steel Corp  
Coco Steel Products Co  
Chase Brass & Copper Co  
Edwards Mfg Co  
Eman (W C) Co  
Honey (C G) & Co  
Illinois Zinc Co  
Inland Steel Products Co  
Klauser Mfg Co  
La-Crome Steel Roofing & Corrugating Co  
Martin Metal Mfg Co  
Mid-States Steel Wire Co  
New Holland Metals Co  
New Orleans Roofing & Metal Co  
Newport Steel Corp  
Nichols Wire & Aluminum Co  
Northwest Metal Products Inc  
Poon Supply & Metal Corp  
Potts-Farrington Co  
Reynolds Metal Co Building Products Div  
St. Paul Corrugating Co  
Tiffin Art Metal Co  
Wheeling Corrugating Co  
Williams-Walton Co  
York Corrugating Co

**PIPE, CULVERT, IRON & STEEL**

American Rolling Mill Co  
Armo Drainage & Metal Products Inc  
Beall Pipe & Tank Corp  
Carnegie-Illinois Steel Corp  
Industrial Iron Works  
Newport Steel Corp  
Republic Steel Corp  
St. Paul Corrugating Co  
Wheeling Corrugating Co

**PIPE, FIBER, CONDUIT**

Brown Co Bernice Div  
Grangburg Mfg Co

**PIPE, IRON, WROUGHT**

Armo Drainage & Metal Products Inc  
Beall Pipe & Tank Corp  
Byers (A M) Co  
Deacur Iron & Steel Co  
Dempester Mill Mfg Co  
McDonald (A Y) Mfg Co  
Republic Steel Corp  
South Chester Tube Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67.

**PIPE, SEWER, BITUMINIZED FIBER**

Brown Co Berman Div  
Orangeburg Mfg Co Inc

**PIPE, SEWER, CONCRETE**

American Vitriol Products Co  
Universal Concrete Pipe Co Inc

**PIPE, STEEL**

Allegheny Ludlum Steel Corp  
Allegheny Steel Co  
Armed Drainage & Metal Products Inc  
Beall Pipe & Tank Corp  
Bethlehem Steel Co  
Decatur Iron & Steel Co  
Dempster Mill Mfg Co  
Jones & Laughlin Steel Corp  
Laclede Steel Co  
National Tube Co  
Republic Steel Corp  
Wheeling Steel Corp  
Youngstown Steel Products

**PIPE, STEEL, GALVANIZED**

American Rolling Mill Co  
Barnitzek (Richard J)  
Bethlehem Steel Co  
Jones & Laughlin Steel Corp  
National Tube Co  
Republic Steel Corp  
United Steel Fabricators Inc  
Wheeling Steel Corp  
Youngstown Steel & Tube Co

**PIPE, WOOD**

Baltimore Cooperage Tank & Tower Co  
Caldwell (W E) Co  
Casar Lumber Co  
Johnson & Carlson  
M & M Woodworking Co Resumpt Div  
Redwood Mfg Co  
Wilmington Valley Lumber Co  
Wyckoff (A) & Son Co

**PIPE & FITTINGS, FURNACE**

Badger Corrugating Co  
Hoson (W C) Co  
Inland Steel Products Co  
Krauser-Bord Inc  
La Crosse Steel Roofing & Corrugating Co  
Lyman (H B)  
Majestic Co  
Northwest Metal Products Inc  
Ponm Supply & Metal Corp  
Reves Steel & Mfg Co  
Reynolds Metals Co  
Sions Steel Co  
Waterman-Waterbury Co  
Wheeling Corrugating Co  
Williams-Wallace Co  
Wolverine Tube Div Calumet & Heda Consolidated Copper Co

**PIPE & TUBING, ALUMINUM**

Copper & Brass Research Association  
Revere Copper & Brass Inc  
Reynolds Metals Co Building Products Div

**PIPE & TUBING, BRASS & COPPER**

American Brass Co  
Anasoda Sales Co  
Bridgport Brass Co  
Chase Brass & Copper Co  
Mueller Brass Co  
Revere Copper & Brass Inc  
Sevill Mfg Co

**PIPE & TUBING, PLASTIC**

American Extruded Products Co  
Amerline Inc  
Extruded Plastics Inc  
Goodrich (B F) Co  
Hodgman Rubber Co  
Monsanto Chemical Co  
Rapbestos-Manhattan Inc Manhattan Rubber Div  
Superior Plastics Div Commonwealth Plastics Inc  
Tennessee Eastman Corp  
Visking Corp

**PLANERS**

American Saw Mill Machine Co  
Belsaw Machinery Co  
Boice-Trane Co  
Delta-Mfg Div Rockwell Mfg Co  
Greenlee Brothers & Co  
Parks Woodworking Machine Co  
Power King Tool Corp  
Stanley Tools Div Stanley Works  
Wallace (J D) & Co  
Yates-American Machine Co

**PLANES**

Capewell Mfg Co  
Mail Tool Co  
Millers Falls Co  
Pech-Stow & Wilcox Co  
Furter-Cable Machine Co  
Sargent & Co  
Stanley Works Tool Div  
Vaughan & Bushnell Mfg Co

**PLANKS, ASPHALT**

Carey (Phillip) Mfg Co  
Keystone Asphalt-Products Co  
Protective Papers Inc  
Serviced Products Corp

**PLANKS, EXTENSION**

Babcock (W W) Co  
Bayer Mfg Co  
Breyer Brothers Whiting & Co  
Clark (J B) Co  
Flintkote Co  
Goshen Mfg Co  
Plasteron Wall Board Co  
Filer & Howell Co  
Wood Conversion Co  
Woodware Products Corp

**PLANKS, GYPSUM**

Celotex Corp  
Certain-teed Products Corp  
National Gypsum Co  
U S Gypsum Co

**PLANKS, FIBER, INSULATING**

Armstrong Cork Co Building Materials Div  
Celotex Corp  
Duralin Inc  
Fib-Tex Insulating Board Co  
Flintkote Co  
Insulate Div Minnesota & Ontario Paper Co  
John-Manville Corp  
National Gypsum Co  
Plasteron Wall Board Co  
Simpson Logging Co  
U S Gypsum Co  
Wood Conversion Co

**PLANS, HOUSE IN BOOKS**

Brown-Blodgett Co  
Gardinghouse (L F) Co Inc  
Home Plan Book Co  
Housing Plan Service Inc  
National Plan Service Inc  
Southern Pine Association  
Universal Plan Service  
Weyerhaeuser Sales Co

**PLANTS, CONCRETE, CENTRAL MIXING**

Besser Mfg Co  
Blaw-Knox Div Blaw-Knox Co  
Butler Bin Co  
Chain Belt Co  
Concrete Transport Mixer Co  
Hetzl Steel Form & Iron Co  
Jaeger Machine Co  
Johnson (C B) Co  
Worthington Pump & Machinery Corp Ramsey Div

**PLANTS, CONCRETE PRODUCTS**

Besser Mfg Co  
Blaw-Knox Div Blaw-Knox Co  
Butler Bin Co  
Darden (Roy) Industries Inc  
Equipment Engineering Co  
Fleming Mfg Co  
George (F C) Machine Co  
Johnson (C B) Co  
Reynolds Mfg Co Inc

**PLANTS, CROSOATING**

American Creosote Works Inc  
American Lumber & Treating Corp  
Atlantic Creosoting Co  
Baxter (J H) & Co  
Eppinger & Russell Co  
Koppers Co  
Lone Star Creosoting Co  
Long-Bell Lumber Co  
Miller (T B) Mill Co  
Moss (T J) Tie Co  
Pine & Talbot Inc  
Reilly Tar & Chemical Corp  
Southern Wood Preserving Co  
Taylor-Colonitt Co  
West Coast Wood Preserving Co

**PLANTS, HOT WATER, MIDGET**

Huock & Ackerman Inc

**PLANTS, LIGHTING**

Allis-Chalmers Mfg Co  
Benjamin Electric Mfg Co  
Briggs & Stratton Corp  
Ruda Co  
Construction Machinery Co  
Continental Motors Corp  
Delco Appliance Div General Motors Sales Corp  
Eagle Electric Mfg Co Inc  
Fairbanks Morse & Co  
General Electric Co Apparatus Dept  
Guth (Edwin F) Co  
Hemelite Corp  
Johnson Motors Div Outboard Marine & Mfg Co  
Kato Engineering Co  
Kohler Co  
Osan (D W) & Sons  
Philips Power & Light Co

Pinner Gen-E-Motor Corp  
Ready-Power Co  
Universal Motor Co  
Westinghouse Electric Corp  
Wincharger Corp  
Wind (Jacob) Electric Co Inc  
Winpower Mfg Co

**PLANTS, PERLITE PROCESSING**

Muchelmin Perlite Process Inc  
Page Converter Co

**PLANTS, POWER**

C & H Electric Co  
Filer & Howell Co  
Hemelite Corp  
Kohler Co  
International Harvester Co  
Osan (D W) & Sons Inc  
Ready-Power Co  
Sterling Foundry Co Inc  
Waukesha Motor Co  
Worthington Pump & Machinery Corp

**PLANTS, WOOD TREATING**

American Creosoting Co Inc  
Forrier-Crossett Lumber Co  
Fox Brothers Mfg Co  
Gulfport Creosoting Co  
Gulf States Creosoting Co  
International Creosoting & Construction Co  
National Pole & Treating Div Minnesota & Ontario Paper Co  
Republic Creosoting Co  
Southwestern Creosoting Co  
Texas Creosoting Co  
Willsawette Valley Lumber Co

**PLASTER, ACOUSTICAL**

Celotex Corp  
Certain-teed Products Corp  
Great Lakes Carbon Corp  
Kearby & Mattison Co  
Kelley Island Lime & Transport Co  
Mission Lime Products Corp  
National Gypsum Co  
Nelson (B F) Mfg Co  
Sealcon Products Inc  
Sno-Lite Products  
Sullivan Co  
Tamm Industries Inc  
U S Gypsum Co  
Western Mineral Products Co  
Zenolite Co

**PLASTER, ASBESTOS**

Kearby & Mattison Co

**PLASTER, BONDING**

National Gypsum Co  
Nu-Wall Mfg Co

**PLASTER, CASTING**

Certain-teed Products Corp  
National Gypsum Co  
U S Gypsum Co

**PLASTER, CEDAR**

Coddington (E D) Mfg Co  
Mineral Pigments Corp  
Tamm Industries Inc

**PLASTER, FIBERED**

Blue Diamond Corp  
Celotex Corp  
Certain-teed Products Corp  
Coddington (E D) Mfg Co  
Fairmont Wall Plaster Co  
Grand Rapids Plaster Co  
Gulf States Gypsum Co  
Ideal Cement Co Colorado Portland Div  
National Gypsum Co  
Ohio Hydrate & Supply Co  
Pacific Portland Cement Co  
Sealcon Products Inc  
U S Gypsum Co  
Woodville Lime Co

**PLASTER, FINISHING, COLORED**

Beasler Plaster Co  
Blue Diamond Corp  
Celotex Corp  
Coddington (E D) Mfg Co  
Grand Rapids Plaster Co  
National Gypsum Co  
Ohio Hydrate & Supply Co  
Penn Cete Products Co  
Sealcon Products Inc  
Tamm Industries Inc  
U S Gypsum Co  
Woodville Lime Co

**PLASTER, FINISHING, MOULDING, GAUGING**

Blue Diamond Corp  
Celotex Corp  
Certain-teed Products Corp  
Grand Rapids Plaster Co  
National Gypsum Co  
National Mortar & Supply Co  
Nu-Wall Mfg Co

Ohio Hydrate & Supply Co  
Pacific Portland Cement Co  
U S Gypsum Co

**PLASTER, GYPSUM**

Alabastine Paint Products  
Blue Diamond Corp  
Celotex Corp  
Certain-teed Products Corp  
Grand Rapids Plaster Co  
Gulf States Gypsum Co  
National Gypsum Co  
Pacific Portland Cement Co  
Sealcon Products Inc  
Tamm Industries Inc  
U S Gypsum Co

**PLASTER, INSULATING**

Celotex Corp  
Great Lakes Carbon Corp Building Products Div  
National Gypsum Co  
Sealcon Products Inc  
Sno-Lite Products Co  
Zenolite Co

**PLASTER, LIME**

Celotex Corp  
Grand Rapids Plaster Co  
Kelley Island Lime & Transport Co  
National Gypsum Co  
National Mortar & Supply Co  
Ohio Hydrate & Supply Co  
Sealcon Products Inc  
U S Gypsum Co  
Woodville Lime Co

**PLASTER, PATCHING**

Alabastine Paint Products Div Chicago Bronze & Color Works  
American Fluoroc Co Inc  
Certain-teed Products Corp  
Coddington (E D) Mfg Co  
Curtis Mfg & Asbestos Co  
Durban (Donald) Co  
Fuller (H B) Co  
Grand Rapids Plaster Co  
Ideal Cement Co Colorado Portland Div  
Made-Rite Products Inc  
Muralo Co Inc  
National Gypsum Co  
Beardon Co  
Reliable Paste & Chemical Co  
Rutland Fire Clay Co  
Savoyan Co  
Sohak Chemical Co  
Sealcon Products Inc  
Stanhard Co  
Tamm Industries Inc  
United Glimette Laboratories  
U S Gypsum Co  
Wesco Waterpaints Inc  
X-Pando Corp

**PLASTERBOARD**

Armstrong Cork Co  
Burrett Div Allied Chemical & Dye Corp  
Blue Diamond Corp  
Celotex Corp  
Certain-teed Products Corp  
Grand Rapids Plaster Co  
National Gypsum Co  
U S Gypsum Co

**PLASTER OF PARIS**

Certain-teed Products Corp  
Fairmont Wall Plaster Co  
Grand Rapids Plaster Co  
National Gypsum Co  
Tamm Industries Inc  
U S Gypsum Co

**PLASTIC, WATERPROOF**

Abestos Mfg Co  
American Fluoroc Co  
Anti-Hydro Waterproofing Co  
Bird & Son  
Flintkote Co  
Formica Insulation Co  
Lehon Co  
Superior Plastics Div Commonwealth Plastics Inc  
X-Pando Corp

**PLASTICIZER, CONCRETE**

Spray-O-Bond Co

**PLATES, CESSPOOL**

Vestal Stone Co

**PLATES, RAME**

Corbin (P & F) Div American Hardware Corp  
Lockwood Hardware Mfg Co  
Turner Brass Works  
Yale & Towne Mfg Co

**PLATES, TERRE**

Badger Corrugating Co  
Bethlehem Steel Co  
Inland Steel Products Co  
Wheeling Corrugating Co  
Youngstown Steel & Tube

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

**PLIERS**

Bridgport Hardware Mfg Corp  
Crescent Tool Co  
International Twist Drill Corp  
Klein (Mathias) & Sons  
F & C Hand Power Tool Co  
Pek St & Wilcox Co  
Red Devil Tools

**PLYWOOD, DOUGLAS FIR**

Aberdeen Plywood Corp  
Actna Plywood & Veneer Co  
Albany Plywood Corp  
American Plywood Corp  
Am-Ster Sales Co  
Anacortes Veneer Inc  
Associated Plywood Mills  
Bellingham Plywood Corp  
Blick (T C) Plywood Co Inc  
Buffen Lumber & Mfg Co  
California Veneer Co  
Calesta Plywood Co  
Capitol Mfg Co  
Cascades Plywood Corp  
Coast Plywood & Lumber Co  
Coos Bay Lumber Co  
Davis Plywood Corp  
Douglas Fir Plywood Association  
Dyke Brothers Inc  
Elliott Bay Mill Co  
Engineers Plywood Products Co  
Eugene Plywood Co  
Eureka Plywood Co  
Grain Products Co  
Exchange Sawmills Sales Co  
Fiddle-Moore & Co  
Fir Mfg Co  
Georgia-Pacific Plywood & Lumber Co  
Harbor Plywood Corp  
Hards Plywood Co  
Heidner & Co  
Humbolt Plywood Corp  
Kenecbe Inc Truss Door Div  
Kochlan Plywood & Veneer Co  
Lyle (Donald W)  
MacArthur & Smith Inc  
Maik Seattle Lumber Co  
Menasha Coos Head Plywood Corp  
Milwaukee Plywood Co  
M & M Plywood Corp  
M & M Woodworking Co  
Mt Jefferson Box & Veneer Co  
Mutual Plywood Corp  
National Plywoods Inc  
Niagara Plywoods Inc  
Nicky Brothers Inc  
Niemi Plywood Co Inc  
North Plywood Co Inc  
Northwest Door Co  
Olympia Veneer Co  
Oregon Plywood Co  
Oregon Plywood Corp  
Oregon-Washington Plywood Co  
Pacific Mutual Door Co  
Pacific Plywood Corp  
Pacific Veneer & Plywood Corp  
Pacfin (Frank) Lumber Co  
Peninsula Plywood Corp  
Penna Products Co  
Plywood Corp  
Portland Plywood Corp  
Pugnet Sound Plywood Inc  
Robinson Mfg Co  
Roddie Plywood Corp  
St Paul & Tacoma Lumber Co  
Silbermangel (George J) & Sons Co  
Simpson Logging Co  
Smith Wood Products Inc  
Springfield Plywood Corp  
U S Menzel Plywoods Inc  
U S Plywood Corp  
Vancouver Plywood & Veneer Co  
Washington Plywood Co  
West Coast Plywood Co  
Weyerhaeuser Sales Co  
Wheeler-Osgood Co  
Wisconsin Laminating Co

Eugene Plywood Co  
Georgia-Pacific Plywood & Lumber Co  
Grain Products Co  
Fiddle-Moore & Co  
Harbor Plywood Corp  
Heidner & Co  
Irsk Plywood Co  
Kenecbe Inc Truss Door Div  
Kochlan Plywood & Veneer Co  
Maik Seattle Lumber Co  
Menzel Co Inc  
Midwest Jobbers Inc  
Millwork Distributors Co  
Milwaukee Plywood Co  
M & M Woodworking Co  
National Plywoods Inc  
Niagara Plywood Co  
Nicky Brothers Inc  
North Plywood Inc  
Northwest Door Co  
Olympia Veneer Co  
Oregon Plywood Corp  
Oregon-Washington Plywood Co  
Pacific Mutual Door Co  
Peninsula Plywood Corp  
Plywood Inc  
Pugnet Sound Plywood Inc  
Robinson Mfg Co  
Roddie Plywood Corp  
St Paul & Tacoma Lumber Co  
Silbermangel (George J) & Sons Co  
Simpson Logging Co  
Smith Wood Products Inc  
Springfield Plywood Corp  
U S Menzel Plywoods Inc  
U S Plywood Corp  
Vancouver Plywood & Veneer Co  
Washington Plywood Co  
West Coast Plywood Co  
Weyerhaeuser Sales Co  
Wheeler-Osgood Co  
Wisconsin Laminating Co

**PLYWOOD, FABRIC COVERED**

Davis Plywood Corp  
Fiddle-Moore & Co  
M & M Woodworking Co  
Northwest Door & Plywood Sales  
U S Plywood Corp

**PLYWOOD, FLAMEPROOF**

Fir Brothers

**PLYWOOD, FLEXIBLE HARDWOOD**

Superflex Plywood Corp

**PLYWOOD, HARDWOOD**

Actna Plywood & Veneer Co  
Albany Plywood Corp  
American Plywood Corp  
Anderson-Tully Co  
Blick (T C) Plywood Co Inc  
Bramd (W B) Co  
Darlington Veneer Co Inc  
Davis Plywood Corp  
Dapinson Laminates Inc  
Dixie Lumber Co Inc  
Fiddle-Moore & Co  
Georgia-Pacific Plywood & Lumber Co  
Haskel Mfg Co  
Higgins Inc  
Hosler Panel Co  
Isthmia Veneer & Panel Co  
Irsk Plywood Co  
Jamestown Veneer & Plywood Corp  
Krumber Inc  
Kochlan Plywood & Veneer Co  
Menzel Co  
Milwaukee Plywood Co  
Mussman & Shafer Inc  
National Plywoods Inc  
Niagara Plywood Co  
Nicky Brothers Inc  
Northern Hardware Veneers Inc  
North Plywood Inc  
Northwest Door & Plywood Sales  
Paxton (Frank) Lumber Co  
Pearl City Plywood Co Inc  
Plywood Industries  
Plywood Inc  
Roddie Plywood Corp  
Silbermangel (George J) & Sons Co  
Simpson Logging Co  
Superflex Plywood Corp  
Thomas Plywood Corp  
Twin City Hardwood Lumber Co  
Tudrow Veneer Co  
U S Menzel Plywoods Inc  
U S Plywood Corp  
Weber Veneer & Plywood Co  
Wheeler-Osgood Co  
Wisconsin Laminating Co  
Wisconsin Timber & Land Co  
Yonkers Plywood Co

**PLYWOOD, INLAID**

Actna Plywood & Veneer Co  
U S Plywood Corp

**PLYWOOD, MARINE**

Actna Plywood & Veneer Co  
Albany Plywood Corp  
American Plywood Corp  
Associated Plywood Mills Inc  
Davis Plywood Corp  
Fiddle-Moore & Co  
Harbor Plywood Corp

**Haskel Mfg Co**

Higgins Inc  
Menzel Co Inc  
M & M Woodworking Co  
National Plywoods Inc  
Niagara Plywood Co  
Northwest Door & Plywood Sales  
Oregon Plywood Corp  
Plywood Inc  
Roddie Plywood Corp  
U S Menzel Plywoods Inc  
U S Plywood Corp  
Willamette Valley Lumber Co

**PLYWOOD, METAL COVERED**

Haskel Mfg Corp  
U S Plywood Corp

**PLYWOOD, PINE**

Actna Plywood & Veneer Co  
Albany Plywood Co  
California Forest Products Corp  
Cook County Lumber Co  
Davis Plywood Corp  
Fiddle-Moore & Co  
Fruit Growers Supply Co  
Harbor Plywood Corp  
Kachin Plywood Corp  
Kochlan Plywood & Veneer Co  
Long-Bell Lumber Co  
Menzel Co Inc  
Mid West Jobbers Inc  
Milwaukee Plywood Co  
National Plywoods Inc  
Pacific Mutual Door Co  
Plywood Inc  
Roddie Plywood Corp  
Rusha Plywood Corp  
Silbermangel (George J) & Sons Co  
Tartar Webster & Johnson  
Timber Products Co  
U S Menzel Plywoods Inc  
U S Plywood Corp  
Western Pine Association

**PLYWOOD, PLASTIC FACED**

Actna Plywood & Veneer Co  
American Plywood Corp  
Buffen Lumber & Mfg Co  
Davis Plywood Corp  
Fiddle-Moore & Co  
Formica Co  
Georgia-Pacific Plywood & Lumber Co  
Harbor Plywood Corp  
Higgins Inc  
Kimberly-Clark Corp  
Kochlan Plywood & Veneer Co Inc  
Menzel Co Inc  
M & M Woodworking Co  
National Plywoods Inc  
Northwest Door & Plywood Sales  
Pearl City Plywood Co Inc  
Plywood Inc  
St Paul & Tacoma Lumber Co  
Simpson Logging Co  
U S Menzel Plywoods Inc  
U S Plywood Corp  
West Coast Plywood Co  
Westinghouse Electric Corp  
Wheeler-Osgood Co  
Woodall Industries Inc

**PLYWOOD, RAT REPELLENT**

U S Plywood Corp

**PLYWOOD, REDWOOD**

Actna Plywood & Veneer Co  
Buffen Lumber & Mfg Co  
Eureka Plywood Co  
M & M Woodworking Co

**PLYWOOD, STRIATED**

U S Plywood Corp

**POINTS, GLAZIERS'**

Barrett (W L) Co  
Fletcher-Terry Co  
Glaziers' Tool Mfg Co  
Holland Mfg Co  
Markwell Mfg Co Inc  
Maze (W H) Co  
National Sheet Metal Co  
Pittsburgh Plate Glass Co  
Red Devil Tools  
York Tack & Nail Works

**POLES AND POSTS, CLOTHES, WOOD, STEEL, IRON**

Banks Steel Post Co  
Chelmsell Iron Fence Co  
Coyle (H B) Co  
Dunley Brothers  
Hohmann & Barnard Inc  
Keweenaw Mfg Co  
Newark Steel Post Co  
Boy-Lee Products Co  
Rotary Clothes Dryer Co  
Southern Galvanizing Co

**POLISHERS, FLOOR**

Black & Decker Mfg Co  
Buffard Machines Tool Co  
Bruce (E L) Co

**Mall Tool Co**

Milwaukee Electric Tool Corp  
Pittsburgh Plate Glass Co

**PORCHES AND CORNICES, MATERIALS FOR**

Carr Adams & Collier Co  
Curtis Co Inc  
Schwartz (A F) Mfg Co  
Wheeler-Osgood Co

**POSTS, ADJUSTABLE FLOOR LEVELING AND SUPPORTING**

Adjusta Post Mfg Co  
Alcorn Products Co  
Allen Steel Products  
Brainard Steel Co  
Dunley Brothers  
Hill (R H) & Co  
Helm's Mfg Co of Ohio  
Kapoor Joseph J Sales Co  
Perma-Jack Corp  
Sharon Steel Co  
Sporsons (N B) Co  
Sawhill Mfg Co  
Tid-D-Post Co  
Tomplon Kenly & Co  
United Metal Products Inc  
Wolfe Products Inc

**POSTS, FENCE, STEEL AND IRON**

American Steel & Wire Co  
Anchor Post Fence Div Anchor Post Products Inc  
Baldwin Steel Co  
Calumet Steel Div Borg-Warner Corp  
Coco Steel Products Corp  
Colorado Fuel & Iron Corp  
Columbia Steel Co  
Continental Steel Corp  
Cyclone Fence Div American Steel & Wire Co  
Kaysone Steel & Wire Co  
Mid-States Steel & Wire Co  
Northwestern Steel & Wire Co  
Pittsburgh Steel Products Co  
Republie Steel Corp  
Tennessee Coal Iron & Railroad Co  
Wichwire Spencer Steel Div Colorado Fuel & Iron Corp

**POSTS, LANTERN**

Daum (Howard A)  
Schwartz (A F) Mfg Co  
Swain & Bridge

**POSTS, MAIL BOX, RURAL**

Merryweather Products Co  
Synco-Master

**POSTS AND POLES, CROSOATED, SALT TREATED**

American Lumber & Treating Co  
Fordyce-Crossett Lumber Co  
Front Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Kempers Co Inc  
Miller (T R) Mill Co  
Moos (V J) The Co  
West Coast Lumbermen's Association

**POSTS AND POLES, WOOD**

Bruce (E L) Co  
Colfax Lumber & Crosting Co  
Cramer Lumber & Land Co  
Crossett Lumber Co  
Fordyce-Crossett Lumber Co  
Front Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Idaho Pole Co  
Low-Bell Lumber Co  
MacParlam (L B) Co Ltd  
Mastillis & Gibbs Co  
Mertins Mfg Co  
National Pole & Treating Div Minnesota & Ontario Paper Co  
Nebraska Bridge Supply & Lumber Co  
Republie Crosting Co  
Silbermangel (George J) & Sons Co  
West Coast Lumbermen's Association  
Weyerhaeuser Sales Co  
Willamette Valley Lumber Co  
Wood Products Co

**POSTS, GLUE**

Black Brothers Co Inc  
Black & Decker Mfg Co  
Francis (Charles E) Co  
Sta-Warm Electric Co  
Vulcan Electric Co  
Wagon Electric Inc

**PRESERVATIVES, CANVAS**

American Tent & Awning Co  
Astrup Co  
Ceresand Chemical Corp  
Curtis Div Danforth Inc  
Deuce & Reynolds Inc  
Dow Chemical Co  
Du Pont (E I) de Nemours Co Inc  
Fullon Bag & Cotton Mills  
Glidden Co  
Grassell Chemical Dept Du Pont (E I) de Nemours Co Inc  
Haynes Products Co  
Interchemical Corp  
Kuhle (H B) Fred  
Lowe Brothers Co  
Materials & Treatment Co Inc  
Minnesota Mining & Mfg Co  
Mobile Paint Mfg Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67

Monsanto Chemical Co  
 Orono Wood Preserving Co of America Inc  
 Pennsylvania Salt Mfg Co  
 Perma Products Co  
 Pittsburgh Plate Glass Co  
 Protection Products Mfg Co  
 Puritan Sales Co  
 Standard Industrial Products Inc  
 Sullivan Company  
 Textcoiled Chemical Corp  
 Vita-Var Corp  
 Weather-Seal Co  
 Wilbur & Williams Co  
 Wood-Treating Chemicals Co

**PRESERVATIVES, FIBER BOARD**

Celotex Corporation  
 Chapman Chemical Co  
 Dow Chemical Co  
 Monsanto Chemical Co  
 Protection Products Mfg Co  
 Wood Treating Chemical Co

**PRESERVATIVES, MASONRY**

Trucon Laboratories Div Dewe & Reynolds Inc

**PRESERVATIVES, WOOD**

Abeato Mfg Corp  
 American Lumber & Treating Co  
 Barrett Div Allied Chemical & Dye Corp  
 Breinig Brothers Inc  
 Cabot (Samuel) Inc  
 C-A Wood Preserver Co  
 Carbolinum Wood Preserving Co  
 Ceresul Chemical Corp  
 Chapman Chemical Co  
 Cre-O-Tex Chemical Co  
 Cupressol Div Darnworth Inc  
 Dewe & Reynolds Inc  
 Dow Chemical Co  
 Du Pont (E I) de Nemours & Co Inc  
 Fox Brothers Mfg Co  
 General Paint Corp  
 Glidden Co  
 Gordon (George C) Chemical Co  
 Horn (A C) Co Inc  
 Redmont Mfg Waterproofing Co Inc  
 Kemper Co Inc  
 Lower Brothers Co  
 Materials & Treatment Co Inc  
 Monsanto Chemical Co  
 Mortell (J W) Co  
 Olympic Stained Products Co  
 Palco Products Inc  
 Parker (Ira) & Sons  
 Perma Products Co  
 Pittsburgh Plate Glass Co  
 Pratt & Lambert  
 Protection Products Mfg Co  
 Protext Corp  
 Purify Products Inc  
 Reilly Tar & Chemical Corp  
 Republic Croasting Co  
 Rockford Paint Mfg Co  
 Rock Island Millwork Co  
 Rutherford Company  
 Sargent-Gerke Co  
 Sonneborn (L) Sons Inc  
 Speen Inc  
 Standard Industrial Products Inc  
 Steeple Mfg Co  
 Sullivan Co  
 Termitol Co  
 U S Plywood Corp  
 Varnicol Sales Co  
 Vita-Var Corp  
 Western Pine Association  
 Wilbur & Williams Co  
 Wood-Treating Chemical Co

**PRESERVERS, PAINTORUSH**

Merryweather Products Co  
 Wisconsin Laboratories Inc

**PRESSES, DRILL**

Atlas Press Co  
 Rockwell Mfg Co Power Tool Div  
 Walker-Turner Co Div Kearney & Trecker Corp

**PREVENTIVES, SAP STAIN**

Breinig Brothers Inc  
 Chapman Chemical Co  
 Cre-O-Tex Chemical Co  
 Dow Chemical Co  
 Du Pont (E I) de Nemours Co Inc  
 Ferman-Fort & Co  
 Monsanto Chemical Co  
 Protection Products Mfg Co  
 Wyandotte Chemical Corp

**PROPS, CLOTHES LINE**

Berg (John) Mfg Co  
 Clay Equipment Corp  
 Erickson (C E) Co  
 New Holland Metals Co  
 Peoria Ironing Board & Specialty Co  
 Rap-Loc Products Co  
 Stoware Inc

**PUBLICATIONS, CONSUMER, SHELTER**

American Home Magazine Corp  
 Farm Journal  
 Country Gentleman

**PULLERS, CAR**

American Engineering Co  
 American Hoist & Derrick Co  
 Clyde Iron Works Inc  
 Godfrey Conveyor Co  
 Hyster Co  
 Lettelt Iron Works  
 Link-Belt Co  
 Moore Dry Kiln Co  
 Shepard Niles Crane & Hoist Co  
 Silent Hoist & Crane Co  
 Stimmel Winch Co  
 Western Foundry Co  
 Whiting Corp

**PULLERS, NAIL**

Bridgeport Hardware Mfg Corp  
 Inco (C) & Co Inc  
 Markwell Mfg Co  
 Union Hardware Co  
 Woodings-Verona Tool Works

**PULLERS, POST OR POLE**

Keystone Steel & Wire Co

**PULLERS, STUMP, TRACTOR AND HORSE DRAWN**

Dowey Trailers  
 Hyster Co

**PULLERS AND STRETCHERS, WIRE**

American Steel & Wire Co  
 Bethlehem Steel Co  
 Century Fence Co  
 Continental Steel Corp  
 Durbin-Duroco  
 Franklin Equipment Co  
 Keystone Steel & Wire Co  
 Lendon Machinery Co  
 Mason Fence Co  
 Mid-States Steel & Wire Co  
 Ney Mfg Co  
 Northwestern Steel & Wire Co  
 Pittsburgh Steel Products Co  
 Von Steem (John B) Co

**PULLEYS, AWNING**

Astrup Co  
 Carbin (P & F) Div American Hardware Corp  
 Reading Hardware Corp  
 Sargent & Co

**PULLEYS, CLOTHES LINE**

Acme Metal Goods Mfg Co  
 Berkeley Specialties Co  
 General Hardware Mfg Co  
 Penn Hardware Co  
 Sargent & Co  
 S & M Mfg Co  
 Stanley Works

**PULLEYS, SAWN**

Arade Mfg Div Rockwell Mfg Co  
 Champion Hardware Co  
 Chantrell Hardware & Tool Co  
 Corbin (P & F) Div American Hardware Corp  
 Getty (H S) & Co Inc  
 Grand Rapids Hardware Co  
 Grant Pullyer & Hardware Co  
 Hager (C) & Sons Hinge Mfg Co  
 Industrial Iron Works  
 Lockwood Hardware Mfg Co  
 Londen Machinery Co  
 National Lock Co  
 Penn Hardware Co  
 Phoenix Lock Co  
 Proter Weatherstrip Mfg Co  
 Reading Hardware Corp  
 Russell & Erwin Div American Hardware Corp  
 Stanley Works

**PUMPS, BOOSTER**

Bell & Gossett Co

**PUMPS, CENTRIFUGAL**

Allis-Chalmers Mfg Co  
 Aurora Pump Co  
 Incaur Pump Co  
 Ivening Co  
 Economy Pumps Inc Div Hamilton Thomas Corp  
 Essick Mfg Co  
 Flint & Walling Mfg Co Inc  
 Homelite Corp  
 Marlow Pumps  
 Red Jacket Mfg Co  
 Wayne Home Equipment Co

**PUMPS, CONTRACTORS'**

Barnes Mfg Co  
 Chain Belt Co  
 C H & E Mfg Co  
 DeLoe Appliance Div General Motors Corp  
 Homelite Corp  
 Jagger Machine Co  
 Marlow Pumps  
 Myers (F E) & Brother Co  
 Worthington Pump & Machinery Corp

**PUMPS, HEAT**

General Engineering & Mfg Co  
 Muncie Gear Works

**PUMPS, JET**

Gilux Co  
 Penberthy Injector Co

**PUMPS, STIRRUP**

Raker Mfg Co  
 Butler Co  
 Deming Co  
 Dempster Mill Mfg Co  
 Dobbins Mfg Co  
 Flint & Walling Mfg Co Inc  
 Hodson (H D) Mfg Co  
 Independent Lock Co  
 McDonald (A Y) Mfg Co  
 Myers (F E) & Brother Co  
 Oakes Mfg Co  
 Red Cross Mfg Co  
 Red Jacket Mfg Co  
 Smith (D B)  
 Tennessee Stone Works

**PUMPS, SUCTION**

Chicago Pump Co  
 Deming Co  
 Erieville Pump & Mfg Co Inc  
 Flint & Walling Mfg Co Inc  
 Gardner Denver Co  
 Homelite Corporation  
 McDonald (A Y) Mfg Co  
 Wayne Home Equipment Co

**PUMPS, SUMP**

American Well Works  
 Aurora Pump Co  
 Chicago Pump Co  
 Construction Machinery Sales Co  
 Dayton Pump & Mfg Co  
 Deming Co  
 Dempster Mill Mfg Co  
 Economy Pumps Inc Div Hamilton-Thomas Corp  
 Erieville Pump & Mfg Co Inc  
 Fairbanks Morse & Co  
 Flint & Walling Mfg Co  
 Gould Pumps Inc  
 Jaccuzzi Brothers Inc  
 Jagger Machine Co  
 Kenco Inc  
 Lancaster Pump & Mfg Co  
 Mall Tool Co  
 McDonald (A Y) Mfg Co  
 Milwaukee Flush Valve Co  
 Myers (F E) & Brother Co  
 Gilux Co  
 Penberthy Injector Co  
 Piquet Machine & Mfg Co  
 Precision Parts Corp  
 Red Jacket Mfg Co  
 Uniflow Mfg Co  
 Wayne Home Equipment Co Inc  
 Worthington Pump & Machinery Corp

**PUMPS, WINDMILL**

Aerimotor Co  
 Baker Mfg Co  
 Butler Co  
 Deming Co  
 Dempster Mill Mfg Co  
 Fairbanks Morse & Co  
 Flint & Walling Mfg Co Inc  
 McDonald (A Y) Mfg Co  
 Myers (F E) & Brother Co  
 Red Jacket Mfg Co

**PUNCHES, CENTER**

American Swiss File & Tool Co  
 Baltimore Tool Works  
 Bridgeport Hardware Mfg Corp  
 Cincinnati Tool Co  
 Crescent Tool Co  
 Damascus Steel Products Corp  
 Fairmount Tool & Forging Co  
 Krauser & Co Inc  
 Mayhew Steel Products Inc  
 Memphis Tool Co  
 Millers Falls Co  
 Original Enduro Co  
 P & C Hand Forged Tool Co  
 Proto Tool Co  
 Ralston-Tools  
 Stanley Works  
 Trimble & Fink Mfg Co  
 Union Tool Co  
 United Wire Goods Mfg Co  
 Wilde Drop Forge & Tool Co

**PLATING, STEEL**

Macomber Inc

**PUSHERS, CAR**

Advance Car Mover Co  
 Clyde Iron Works Inc  
 Franklin Equipment Co

**HARNISCHFGER Corp**

Hyster Co  
 Kewanee Mfg Co  
 Link-Belt Co  
 Oliver Corp Industrial Div  
 Silent Hoist & Crane Co  
 Stephens-Adams Mfg Co  
 Whiting Corp

**PUSHERS, SNOW**

Farwell Osmun Kirk & Co  
 Iwan Brothers Inc  
 Kenosha Box & Lumber Co  
 Rogg Mfg Co  
 Seymour Mfg Co Inc  
 Starline Inc  
 True Tempers Corp  
 Wirt & Knox Mfg Co  
 Yecman-Hoag Co

**PUTTY, LEAD**

Biddle Co  
 Cook Paint & Varnish Co  
 Eagle-Picher Co  
 Gumpert Laboratories  
 Kolts (H B Fred)  
 Peora Paint Co  
 Pittsburgh Plate Glass Co  
 Sullivan Co  
 Tamms Industries Inc

**PUTTY, METAL SASH**

Biddle Co  
 Blue Ridge Tale Co Inc  
 Dewe & Reynolds Inc  
 Duple Pontius Co  
 Donley Brothers  
 Felton Shiley & Co  
 Landon Putty Works  
 Macklamburg-Duncan Co  
 Parker (Ira) & Sons Inc  
 Peora Paint Co  
 Plastic Products Co  
 Steeltite Mfg Co

**PUTTY, OIL**

Armstrong Co  
 Biddle Co  
 Blue Ridge Tale Co Inc  
 Boyle-Midway Inc  
 Briggs-Maroney Co  
 Christi Co Inc  
 Dewe & Reynolds Inc  
 Dick-Pontius Inc  
 Durham (Donald) Co  
 Ever-Plastic Corp  
 Farwell Osmun Kirk & Co  
 Felton Shiley & Co  
 Finlatch Co  
 Fuller (W P) & Co  
 Glidden Co  
 Goodrich (H F) Co  
 Gumpert Laboratories  
 Harris Inc  
 Horn (A C) Co  
 Johns-Manville Corp  
 Kuhl (H B Fred)  
 Landon Putty Works  
 Las-Silk Mfg Co  
 Macklamburg-Duncan Co  
 Mar-Kay Mfg Co  
 Minnesota Linswood Oil Paint Co  
 Fabeo Products Inc  
 Parker (Ira) & Sons Inc  
 Peora Paint Co  
 Pittsburgh Plate Glass Co  
 Plastic Products Co  
 Sausgran Co  
 Schaik Chemical Co  
 Seal Rite Caulking Co Inc  
 Steeltite Mfg Co  
 Sullivan Co  
 Tamms Industries Inc  
 Tremco Mfg Co  
 Trucon Laboratories Div Dewe & Reynolds Inc  
 Web Products Co  
 Wehrill (George D) & Co

**PUTTY, PLASTICIZED, WOOD**

Breinig Brothers Inc  
 Mobile Paint Mfg Co  
 National Cases Sales  
 Steeltite Mfg Co  
 Willman Products Co

**PUTTY, ROOF**

Abeato Mfg Corp  
 Biddle Co  
 Blue Ridge Tale Co Inc  
 Ford Roofing Products Co  
 Johns-Manville Corp  
 King (E F) & Co Inc  
 Seal Rite Caulking Co Inc  
 Smooth-On Mfg Co  
 Stonhard Co

**PETTY, WATER**

Boyle-Midway Inc  
 Durham (Donald) Co  
 Fuller (H B) Co  
 Lickton Co Inc  
 Reardon Co  
 Sausgran Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67.

Shalk Chemical Co  
Sheffield Bronze Paint Corp  
Steelrite Mfg Co  
Sullivan Co  
Tammes Industries Inc

#### BACKWAYS, WIRE CARRYING

Knapo Brothers Mfg Co  
Republic Steel Corp

#### RACKS, BARREL DRAINING

Notting Truck & Carter Co

#### RACKS, CONCRETE BLOCK DRYING

Reemer Mfg Co  
Colorecrete Industries Inc  
Fleming Mfg Co Inc

#### RACKS, FIRE HOSE

Allen (W D) Mfg Co  
Beall Pipe & Tank Corp  
Elkhart Brass Mfg Co  
Wirt & Knox Mfg Co

#### RACKS, PIPE

Finch & McCulloch  
Multi-Products Inc  
Red Tiger Products Inc

#### RACKS, REVOLVING, FOR DOORS, PANELS, ETC

Ken-Be-Bill Corp

#### RACKS, SCREEN WIRE

Arvey Corp  
Bell & Gossett Co  
Easy Serve Screen Dispenser  
Heller (W C) & Co  
Marvel Rack Mfg Co  
Pacorn Metal Products Co  
Warp Brothers

#### RACKS, SHOE

American Metal Specialties Corp  
Carlson (A B) & Co  
Imperial Metal Mfg Co  
Kennedy Co  
Knapo & Vogt Mfg Co  
Peerless Novelty Co

#### RACKS, STORAGE, STORM WINDOWS AND SCREENS

Barber Mfg Co Inc

#### RACKS, STORE DISPLAY

American Woodworking Co  
Best (John B) & Sons  
Eugipito Div Aurora Equipment Co Inc  
Heller (W C) & Co  
Ken-Be-Bill Corp  
Larson (Charles O) Co  
Lyon Metal Products Inc  
Marvel Rack Mfg Co Inc  
Multiplex Concrete Machinery Co  
Red Tiger Products Inc  
Rever (Herman E) Co  
Reflector Hardware Corp  
Universal Equipment Co  
Warren (J D) Mfg Co

#### RACKS, WINDOW GLASS

Heller (W C) & Co  
Marvel Rack Mfg Co Inc  
Universal Equipment Co

#### RADIATORS

American Radiator & Standard Sanitary Corp  
Burnham Co Boiler Div  
Dunkirk Radiator Corp  
Ives Radiator Corp  
Vulcan Radiator Co  
Young Radiator Co

#### RADIATORS, CONVECTOR

Home-Turney Radiator Co

#### RADIATORS, PORTABLE

Acme Electric Heating Co  
Electric Steam Radiator Corp  
Morton (Henry J) Associates Inc  
Sentry Metal Products Div Sentry Control Corp

#### RADIOS, FLUSH WALL

Flush Wall Radio Co

#### RAFTERS, LAMINATED

American Roof Truss Co  
Inland Steel Products Co  
Knapo Brothers Mfg Co  
Bilco Laminated Products Inc  
Super-Structures Inc  
Tusoma Lumber Fabricating Co  
Timber Structures Inc  
Unit Structures Inc  
Weyerhaeuser Sales Co  
Wollanger Steel Corp  
Slink (Frank J)

#### RAILINGS, METAL

Arcon Drainage & Metal Products Inc  
Arcon Ornamental Iron Co  
Bellocchi Co  
Blum (Julius) Co Inc  
Chase Brass & Copper Co  
Cincinnati Iron Fence Co  
Coffman (R G) Co  
Davis & Steil Co  
Decatur Iron & Steel Co  
Des Moines Ornamental Iron Co  
Farnow Mfg Div Falls Stamping & Welding Co  
Fiske (J W) Iron Works  
General Bronze Corp  
Grand Rapids Wire Products Co  
Hawkins Iron Co Inc  
International Steel Co  
Kentucky Metal Products Co  
Logan Co  
Metal Crafters  
Meyers (Fred L) Mfg Co  
Newman Brothers Inc  
Page Steel & Wire Div American Chain & Cable Co Inc  
Samsco Ornamental Iron Co  
Smith (F P) Wire & Iron Works  
Southern Wire & Iron Works  
Standard Bronze Co  
Newart Iron Works Co Inc  
Vale Metal Products Co  
Vulcan Metal Products Co

#### RAILINGS, WOOD

Angel Novelty Co  
Cole Mfg Co  
Crossett Lumber Co  
Curtis Co Inc  
Fordyce-Crossett Lumber Co  
Frost Lumber Industries Inc  
Keystone Frame & Mfg Co  
Klions Fine Mills Co  
Long-Bell Lumber Co  
Mansart Millwright Co  
Willamette Valley Lumber Co

#### BATCHETS, FENCE

Cyclo Fence Div American Steel & Wire Co  
Sterling Foundry Co  
Wrightsville Hardware Co

#### RECEIVERS, GARBAGE

Arvey Corp  
Bedwick Steel Lath Co  
Donley Brothers Co  
Gabriel Steel Co  
Gendler Paschke & Frey Co  
Keweenaw Mfg Co  
Lawson (F H) Co  
Majestic Co  
National Enameling & Stamping Co  
Northwest Metal Products Inc  
Witt Cornice Co

#### RECEIVERS, PACKAGE

Air Control Products Inc  
Allen Steel Products  
Bedwick Steel Lath Co  
Copes Steel & Engineering Co  
Donley Brothers Co  
Excel Metal Cabinet Co Inc  
Gabriel Steel Co  
Harris Inc  
Inland Steel Products Co  
Majestic Co

#### RECEPTACLES, GARBAGE, ASH

American Can Co  
Boyle Mfg Co  
Cincinnati Galvanizing Co  
Cupples Co  
Donley Brothers  
Gendler Paschke & Frey Co  
Houston Blow Pipe & Sheet Metal Works  
Justrite Mfg Co  
Madewell Mfg Co  
Majestic Can Corp  
Master Metal Products Co  
Northwest Metal Products Inc  
Pecora Metal Specialty Co  
Precision Equipment Co  
Furitan Chemical Co  
Beverly Steel & Mfg Co  
Sanitary Receiver Co Inc  
Sexton Can Co  
Wheeling Corrugating Co  
Witt Cornice Co

#### REELS, CLOTHES LINE

Columbus Plastic Products Inc  
Gehl Brothers Mfg Co  
Little Giant Co  
Superior Fastener Corp

#### REELS, GARDEN HOSE

Craco Sales Corp  
True Temper Corp  
Zierden Machine & Mfg Co

#### REGISTERS, HEATING AND VENTILATING

Air Control Products Inc  
American Foundry & Furnace Co  
Auer Register Co  
Bronsett-Ireland Inc  
Excelsior Stove & Mfg Co  
Forest City Foundries Co  
Hart & Cooley Mfg Co

Heatillator Co  
Inland Steel Products Co  
Kramer-Boyd Inc  
Liberty Foundry Co  
Majestic Co  
Parlier (H) Hardware Mfg Corp  
Philadelphia Hardware & Malleable Iron Works  
Standard Steel Cabinet Co  
Tuttin & Bailey Inc  
U S Register Co

#### REMOVERS, PAINT AND VARNISH

Acme White Lead & Color Works  
American Marietta Co  
American Varnish Co  
Berry Brothers Inc  
Boslen Varnish Co  
Boyle-Midway Inc  
Breinig Brothers Inc  
Builders Products  
Cabot (Samuel) Inc  
Chemical Supply Co  
Chicago Bronze & Color Works  
Christy Co Inc  
Cook Paint & Varnish Co  
Devoe & Raynolds Inc  
Du Pont (E I) de Nemours & Co Inc  
Elliott Paint & Varnish Works  
Fuller (W P) & Co  
Glidden Company  
Harrison Paint & Varnish Co  
Hague Products Co  
Industrial Chemical Development Corp  
New Brothers Co  
Martin-Senour Co  
Minnesota Paints Inc  
Murphy Paint Div Interchemical Corp  
Oakite Products Inc  
O'Brien Corp  
Patterson-Sargent Co  
Pittsburgh Plate Glass Co  
Frost & Lambert Inc  
Savagan Co  
Schalk Chemical Co  
Scotts Paint & Varnish Co  
Sheffield Bronze Paint Corp  
Sherwin-Williams Co  
Stanley Chemical Co  
Steelrite Mfg Co  
Tammes Industries Inc  
Trucon Laboratories Inc  
Valentine & Co Inc  
Vila-Var Corp  
Wadsworth-Howland & Co  
Wilson Imperial Co  
Woodfinishing Products Co

#### REMOVERS, PAINT AND VARNISH, ELECTRIC

B & L Tool & Machine Co

#### REMOVERS, PUTTY, ELECTRIC

Fletcher Terry Co  
Lawrence Tool Corp

#### REMOVERS, WALLPAPER

Fuller (H H) Co  
Glidden Co  
Le Page's Inc  
Linek (O E) Co Inc  
Patent Cereals Co  
Pittsburgh Plate Glass Co  
Red Devil Tools  
Reliable Paste & Chemical Co  
Schalk Chemical Co  
Spaugon (N B) Co  
Tammes Industries Inc  
Warner Mfg Co

#### REPAIRS AND ADJUSTMENTS, SAW

Atkins (E C) & Co  
Chattanooga Saw Works  
Corley Mfg Co  
Cunningham Machinery Corp  
Dixton (Henry) & Sons Inc  
Hoe (R) & Co Inc  
Huber Brothers Saw Mfg Co Inc  
Minner (J H) Saw Mfg Co  
Minner & Son Saw Works

#### REPELLENTS, BIRD

Nixalite Co of America

#### REPELLENTS, INSECT

All-Nu Products Co  
Calumet Refining Co  
Glidden Co  
Nourse Oil Co  
Socomy-Vacuum Oil Co Inc

#### REPELLENTS, WATER

American Lumber & Treating Co  
Chapman Chemical Corp  
Concor Paint Co  
Dow Chemical Co  
Du Pont (E I) de Nemours & Co Inc  
Horn (A C) Co Inc  
Monsanto Chemical Co  
Protection Products Mfg Co  
Rock Island Millwork Co  
Trucon Laboratories Div Devoe & Raynolds Inc  
Wood-Treating Chemicals Co  
Wurdack Chemical Co

#### RESIN, SYNTHETIC

Borden Co Chemical Div  
Devoe & Raynolds Inc  
Du Pont (E I) de Nemours & Co  
Firestone Plastics Co  
Fisher (H) Co  
Industrial Chemical Sales Div West Virginia Pulp & Paper Co  
Mongel Co  
Monite Waterproof Glue Co  
Monsanto Chemical Co Plastics Div  
National Casin Sales  
Perkins Glue Co  
Pittsburgh Plate Glass Co  
Placo Div Falsing Products Inc  
Rellity Tar & Chemical Corp  
Resinuous Products & Chemical Co  
U S Menegel Plywoods Inc  
U S Plywood Corp

#### RESURFACERS, FLOOR

Acme Asbestos Covering & Flooring Co  
Ademite Co  
American Fluorite Co Inc  
Anti-Hydro Waterproofing Co  
Camo Company  
Ceresit Waterproofing Corp  
Coddington (E D) Mfg Co  
Curtis Mfg & Asbestos Co  
Everette Corp  
Flexcoat Co  
Glidden Co  
Horn (A C) Co  
Keystone Asphalt Products Co  
Miracle Adhesive Corp  
Moore (Goodhue E) Co  
Reardon Co  
Rutland Fire Clay Co  
Schalk Chemical Co  
Sells Battery & Co  
Smooth-On Mfg Co  
Sonnoborn (L) Sons Inc  
Steelrite Mfg Co  
Stenhard Co  
Sullivan Co  
Tammes Industries Inc  
Trucon Laboratories Div Devoe & Raynolds Inc  
Tufcrete Co Inc  
United Gilmotte Laboratories  
Vila-Var Corp

#### RETARDERS, PLASTER

Celotex Corp  
National Gypsum Co  
U S Gypsum Co

#### RETARDERS, STUCCO

Brinks Brothers Inc  
Tammes Industries Inc

#### RIMS, SINK, PREFORMED

Briggs Mfg Co  
B & T Metals Co  
Decorite Inc  
Farr Metal Moulding Corp  
Kinsaid Industries Inc  
Macklunburg-Duncan Co  
Metal Trim Inc  
National Aluminum Co  
Pyramid Moulding Co  
S W Moulding Co  
Tenneco Inc  
Woolster Products Inc  
Youngstown Mfg Inc

#### RINGS, FLUE

Adams Co  
Allen Steel Products  
Caution Sewer Pipe Co Inc  
Chattanooga Implement & Mfg Co  
Clay City Pipe Co  
Columbia Pipe Co  
Dickey (W B) Clay Mfg Co  
Donley Brothers  
Evans Pipe Co  
Majestic Co  
Sterling Foundry Co Inc  
Strevator Drain Tile Co  
Sweet (A L) Iron Works

#### RIPPER, TRACTOR POWERED

Caterpillar Tractor Co

#### RIVETS

Chase Brass & Copper Co  
Sterling Bolt Co

RODS, CURTAIN

Rope (James B) Mfg Co  
Kirch Company  
Paramount Wire Co Inc  
Youngstown Mfg Inc

#### RODS, LIGHTNING

American Lightning Rod Co Inc  
Boston Lightning Rod Co  
Brown Lightning Protection System  
Dunley Lightning Rod Co  
Electra Protection Co Inc  
Independent Protection Co Inc  
Moore Brass Lightning Rod Co  
National Lightning Protection Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

Ohio Lighting Rod Co  
Robbins Lighting Protection Co  
Shrago & Johnson Inc  
Thompson (George E) Co  
West Dodd Lighting Conductor Corp

#### RODS & RINGS, SHOWER CURTAIN

Keystone Brass & Rubber Co  
Mouler Co  
Sevill Mfg Co  
Speakman Co

#### ROLLERS, LAWN

Boyle Mfg Co  
Jackson Mfg Co  
Lansing Co  
Whitebarn (R W) Mfg Corp

#### ROLLERS, LINOLEUM

Armstrong Cork Co Building Materials Div  
Lansing Co

#### ROLLERS, LUMBER, CAR DOOR

Ruck (Frank E) & Co  
Leach Co  
Nolan Co

#### ROLLERS, LUMBER, LIFT, TRUCK

Collins Lorimer Murphy Lumber Co  
Hyster Co  
Stewart Co

#### ROLLERS, POWERED

Ruch Mfg Co  
Easick Mfg Co  
Weyer Impactor Inc

#### ROLLERS, TRUCK BED

Fruhuf Trailer Co  
B-B Company  
Stimmel Winch Co  
Wentworth & Irwin Inc

#### ROLLERS & FIXTURES, SHADE

Bailey & Weston  
Hartshorn (Stewart) Co  
Rowe (Henry) Mfg Co  
Vermont Shade Roller Co

#### ROLLS, ROOF RIDGE

Alabama Metal Lath Co  
Allen Steel Products  
Badger Corrugating Co  
Barger Mfg Div Republic Steel Corp  
Bethlehem Steel Co  
Bird & Son  
Carnegie-Illinois Steel Corp  
Ceco Steel Products Corp  
Chase Brass & Copper Co  
Continental Steel Corp  
Edwards Mfg Co  
Flintkote Co  
Goldsmith Metal Lath Co  
Inland Steel Products Co  
Johns-Manville Corp  
Kearber & Mattison Co  
Klauer Mfg Co  
La Truse Steel Roofing & Corrugating Co  
Mid-States Steel & Wire Co  
New Holland Metals Co  
Nichols Wire & Aluminum Co  
Northwest Metal Products Inc  
Penn Supply & Metal Corp  
Reynolds Metals Co Building Products Div  
Ruhoff Co  
St Paul Corrugating Co  
Southern States Iron Roofing Co  
Tennessee Coal Iron & Railroad Co  
Wesling Corrugating Co  
Williams-Wallace Co

#### ROLLS, RIDGE, ROOF VENTILATING

Allen Steel Products  
Inland Steel Products Co  
Klauer Mfg Co  
St Paul Corrugating Co

#### ROOFING, ALUMINUM

Alumalux Co  
Aluminum Co of America  
Ceco Steel Products Corp  
Chemical Supply Co  
Cupples Co  
Kaiser Aluminum & Chemical Sales Inc  
National Aluminum Products Co  
New Holland Metals Co  
Nichols Wire & Aluminum Co  
Reynolds Metals Co Building Products Div  
Southern States Iron Roofing Co  
Tiffin Art Metal Co

#### ROOFING, ALUMINUM, CORRUGATED

Aluminum Co of America  
Ceco Steel Products Corp  
Cupples Co  
New Holland Metals Co  
Reynolds Metals Co Building Products Div  
Southern States Iron Roofing Co

#### ROOFING, ASBESTOS, CEMENT

Carey (Phillip) Mfg Co  
Ehret Magnesia Mfg Co  
Flintkote Co

Johns-Manville Corp  
Kearber & Mattison Co  
Logan-Long Co  
Ruberoid Co

#### ROOFING, ASBESTOS CORRUGATED

Carey (Phillip) Mfg Co  
Flintkote Co  
Johns-Manville Corp  
Kearber & Mattison Co  
Ruberoid Co

#### ROOFING, ASPHALT ROLL

Amalgamated Roofing Co  
American Asphalt Roof Corp  
Barrett Div Allied Chemical & Dye Co  
Bird & Son Inc  
Carey (Phillip) Mfg Co  
Celotex Corp  
Certain-teed Products Co  
Flintkote Co

Ford Roofing Products Co  
Globe Roofing Products Co Inc  
Gold Seal Roofing Co  
Johns-Manville Corp  
Keupers Co Inc  
Lehon Co

Logan-Long Co  
National Mfg Corp  
Nelson (B F) Mfg Co  
Pabco Products Inc  
Protective Papers Inc  
Reynolds Metals Co Building Products Div  
Ruberoid Co  
Tambor Asphalt Products Inc  
Texas Co  
U S Gypsum Co

#### ROOFING, BUILT-UP, MATERIALS FOR

Abeato Mfg Corp  
American Asphalt Roof Corp  
Barrett Div Allied Chemical & Dye Co  
Bird & Son Inc  
Cabot (Samuel) Inc  
Carey (Phillip) Mfg Co  
Celotex Corp  
Certain-teed Products Corp  
Flintkote Co  
Ford Roofing Products Co  
Keupers Co Inc  
Johns-Manville Corp  
Lehon Co  
Owens-Corning Fiberglas Corp  
Reilly Tar & Chemical Corp  
Reynolds Metals Co  
Ruberoid Co  
Texas Co  
U S Gypsum Co

#### ROOFING, CONCRETE SLAB

Cementastone Co  
Price Brothers Co

#### ROOFING, COPPER

American Brass Co  
Ceco Steel Products Corp  
Chase Brass & Copper Co  
Edwards Mfg Co  
Hussey (C G) & Co  
Inland Steel Products Co  
Bevere Copper & Brass Inc

#### ROOFING, STEEL

American Steel & Wire Co  
American Zinc Institute  
Armed Steel Corp  
Barger Mfg Div Republic Steel Corp  
Bethlehem Steel Co  
Carnegie-Illinois Steel Corp  
Ceco Steel Products Corp  
Childers Mfg Co  
Cincinnati Sheet Metal & Roofing Co  
Columbia Steel Co  
Continental Steel Corp  
Edwards Mfg Co  
Fenster Building Products  
Gary-Pioneer Steel Corp  
Pollanzee Steel Corp  
Goldsmith Metal Lath Co  
Hosson (W C) Co  
Illinois Zinc Co  
Inland Steel Products Co  
International Nickel Co  
Klauer Mfg Co  
Mahon (R C) Co  
Mid-States Steel & Wire Co  
Republic Steel Corp  
St Paul Corrugating Co  
Sioux Steel Co  
Tennessee Coal Iron & Railroad Co  
Tiffin Art Metal Co  
Trucon Steel Co  
Wesling Corrugating Co

#### ROOFING, STEEL, ASPHALT COATED

American Steel & Wire Co  
Cheney Industries  
Plastel Products Co

#### ROPE, COTTON

Archer (A W) Co Inc  
Astruc Co  
Bibb Mfg Co  
Fricke (J E) Co  
Graham (John E) & Co Inc

Lambeth Rope Corp  
Puritan Cordage Mills  
Rancher Mfg Co Inc  
Samsom Cordage Works  
Southern Mills Corp  
Turner & Stanton Co  
Whitaker (William D)

#### ROPE, HEMP, MANILA & SISAL

American Mfg Co  
American Tent & Awning Co  
Archer (A W) Co  
Broderick & Bascom Rope Co  
Cading Rope Works Inc  
Cupples Co  
Fidler (Edwin H) Co  
Graham (John E) & Co  
Hosking Paper Co  
New Bedford Cordage Co  
Plymouth Cordage Co  
Rancher Mfg Co  
Rauschenberger (John) Co  
St Louis Cordage Mills  
Tubbs Cordage Co  
Wall Rope Works Inc  
Waterbury Rope Co  
Whitlock Cordage Co

#### ROPE, WIRE

American Cable Div American Chain & Cable Co Inc  
American Steel & Wire Co U S Steel Corp Sub  
Bethlehem Steel Co  
Broderick & Bascom Rope Co  
Colorado Fuel & Iron Corp  
Columbia Steel Co  
Hazard Wire Rope Div American Chain & Cable Co  
MacWhirter Co  
Roehling's (John A) Sons  
Tennessee Coal Iron & Railroad Co  
Upson-Walton Co

#### ROUTERS, ELECTRIC, HOMECAST

Chicago Wheel & Mfg Co  
Cummins Business Machine Co Wappat (Fred W) Div  
Duro Metal Products Co  
Porter-Cable Machine Co  
Stanley Electric Tool Div Stanley Works  
Walker-Turner Co Div Kearney & Trecker Co

#### RULES, BOARD LUMBERMEN'S

Back (Frank E) & Co  
Lufkin Rule Co

#### RULES, FOLDING

Dietsgen (Eugene) Co  
Eagle Rule Mfg Corp  
Glaziers' Tool Mfg Co  
International Twist Drill Corp  
Keuffel & Esser Co  
Lufkin Rule Co  
Master Rule Mfg Co Inc  
Stanley Tools Div Stanley Works  
Starratt (L S) Co  
Woodmark Industries Inc

#### RULES, GLASS CUTTER'S

Barrett (William L)  
Lufkin Rule Co  
Pittsburgh Plate Glass Co

#### RULES, SLIDE

Academic Slide Rule Co  
Dietsgen (Eugene) Co  
Keuffel & Esser Co  
Lawrence Engineering Service  
Lufkin Rule Co  
Pickett & Eckel  
Union Tool Co

#### RULES, STEEL

Brown & Sharpe Mfg Co  
Carlson & Sullivan  
Eagle Rule Mfg Corp  
Economy Novelty & Printing Co  
Keuffel & Esser Co  
Lufkin Rule Co  
Master Rule Mfg Co Inc  
Millers Falls Co  
Ox-Wall Tool Co  
Roe (Austin) & Sons  
Sheidt-Brown Mfg Co  
Stanley Tool Div Stanley Works  
Union Tool Co  
Woodmark Industries Inc

#### SADDLES, DOOR

Accurate Metal Weather Strip Co  
Chamberlain Co of America Inc  
Chase Brass & Copper Co  
Columbia Industries  
Decorite Inc  
Robbins Mfg Co

#### SADDLES, ROOF

Hudson (H D) Mfg Co  
Inland Steel Products Co  
Macomb Steel Products Co  
Revere Steel & Mfg Co

#### SAFES

Diebold Inc  
General Fireproofing Co  
Herring-Hall Marvin Safe Co  
McLuskey Register Co  
Moler Safe Co  
York Safe & Lock Co

#### SAFES, BUILT-IN WALL

Diebold Inc  
Dudley Lock Corp  
Gabriel Steel Co  
Metlink Steel Safe Co  
Mouler Safe Co  
Remington Rand Inc

#### SALAMANDERS

Aerul Products Co  
American Steel Works  
Hiener (George W) Mfg Co  
Dunley Brothers  
Jackson Mfg Co  
Mohawk Asphalt Heater Co  
Uniqum Mfg Co Inc

#### SAND, SILICA WHITE

Crystal Silica Co  
Tamm Industries Inc

#### SANDERS, BELT, DRUM, SPINDLE & DISC

Beach Mfg Co  
Boire-Trane Co  
Chicago Pneumatic Tool Co  
Delta Mfg Div Rockwell Mfg Co  
Ekstrom Carlson & Co  
Independent Pneumatic Tool Co  
Mall Tool Co  
Milwaukee Electric Tool Corp  
Minneapolis Machine & Tool Co  
National Air Sander Inc  
Newman Brothers Inc  
Oliver Machinery Co  
Reid-Way Inc  
Skilaw Inc  
Walker-Turner Co Div Kearney & Trecker Corp  
Yates-American Machinery Co

#### SANDERS, ELECTRIC, PORTABLE

American Floor Surfacing Machine Co  
Atlas Press Co  
Black & Decker Mfg Co  
Bradford Machine Tool Co  
Chicago Pneumatic Tool Co  
Clarke Sanding Machine Co  
Detroit Surfacing Machine Co  
Dremel Mfg Co  
Bliger Co  
Independent Pneumatic Tool Co  
Jitterbug Sander Co  
Kent Co Inc  
Mall Tool Co  
Merit Products Inc  
Millers Falls Co  
Milwaukee Electric Tool Corp  
Pittsburgh Plate Glass Co  
Porter-Cable Machine Co  
Portable Electric Tools Inc  
Red Devil Tools  
Shilaw Inc  
Stanley Tools Div Stanley Works  
Sterling Tool Products Co  
Syrton Co

#### SANDERS, FLOOR

Albertson & Co Inc  
American Floor Surfacing Machine Co  
Atlas Floor Surfacing Machinery Corp  
Clarke Sanding Machine Co  
Detroit Surfacing Machine Co  
Dremel Mfg Co  
Bliger Co  
Roll Mfg Co  
Linsch-Schuster Floor Machinery Co Inc  
Mall Tool Co  
Porter-Cable Machine Co  
Red Devil Tools  
Reid-Way Corp  
Reid-Way Mfg Co Power Tool Div  
Skilaw Inc  
Walker-Turner Co Div Kearney & Trecker Corp

#### SASH & DOOR, CUT STOCK PAPERDOSA

Burke Millwork Co  
Hines (Edward) Lumber Co  
Pondrous Pine Woodwork  
Silbermager (George J) & Sons Co  
Western Pine Association  
Weyerhaeuser Sales Co

#### SASH, GREENHOUSE

Burke Millwork Co  
Cole Mfg Co  
Metropolitan Greenhouse Mfg Corp  
Morgan Co

#### SAWS & CUTTING WHEELS, MASONRY

Atkins (E C) & Co  
Champion Mfg Co  
Clipper Mfg Co  
Emsie Supply Co  
Eversay Brickshaw Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

Martin Fireproofing Co  
Singer Machinery Co Inc  
Victor Engineering Corp

#### SAWS, BAND, POWERED

Allis-Chalmers Mfg Co  
American Saw Mill Machinery Co  
Atkins (E C) & Co  
Atlas Press Co  
Boise-Crane Co  
Burton Saw Co  
Capewell Mfg Co  
Chattanooga Saw Works  
C H & E Mfg Co  
Consolidated Machinery & Supply Co Ltd  
Delta Mfg Div Rockwell Mfg Co  
Diston (Henry) & Sons Inc  
Fay (J A) & Egan Co  
Graham (John J) & Co Inc  
Heston & Anderson Div St Paul Foundry & Mfg Co  
Hoe (R) & Co Inc  
Huther Brothers Saw Mfg Co Inc  
Millers Falls Co  
Oliver Machinery Co  
Parke Woodworking Machine Co  
Rockwell Mfg Co Power Tool Div  
Simonds Saw & Steel Co  
Southern Saw Works  
Toolkraft Corp  
Walker-Turner Div Kearney & Trecker Corp  
Wallace (J D) & Co  
Woods (S A) Machine Co  
Yates-American Machine Co

#### SAWS, BENCH, POWERED

American Saw Mill Machinery Co  
Areade Mfg Div Rockwell Mfg Co  
Atkins (E C) & Co  
Atlas Press Co  
Beach Mfg Co  
Boise-Crane Co  
C H & E Mfg Co  
Consolidated Machinery & Supply Co  
Delta Mfg Div Rockwell Mfg Co  
Heston & Anderson Div St Paul Foundry & Mfg Co  
Parke Woodworking Machine Co  
Walker-Turner Co Div Kearney & Trecker Corp  
Wallace (J D) & Co  
Wilson Saw Div Media Machine Works  
Yates-American Machine Co

#### SAWS, BUCKING

Atkins (E C) & Co  
Cummings Machine Works  
Diston (Henry) & Sons  
Hemelite Corp  
Lusther (Harry A) Co  
Mill & Mine Supply Co  
Oliver-Bishop Co  
Sandvik Saw & Tool Corp

#### SAWS, CHAIN, TREE FELLING & BUCKING, POWERED

Atkins (E C) & Co  
Cummings Machine Works  
Diston (Henry) & Sons Inc  
Hansen Machinery & Supply Co  
Hemelite Corp  
Jacques Power Saw Co  
Lombard Governor Corp  
Lusther (Harry A) Co  
Mill & Mine Supply Inc  
Ollawa Mfg Co  
Reed-Prentice Corp  
Vulcan Iron Works Co  
Witte Engineer Works Div Oil Well Supply Co

#### SAWS, CHANFERING

Atkins (E C) & Co  
Huther Brothers Saw Mfg Co  
Simonds Saw & Steel Co

#### SAWS, CIRCULAR BAND

American Saw Mill Machinery Co  
Beach Mfg Co  
Boise-Crane Co  
Chattanooga Saw Works  
DeWalt Inc  
Fay (J A) & Egan Co  
Hoe (R) & Co  
Huther Brothers Saw Mfg Co  
Master Woodworking Mfg Co  
St Paul Foundry & Mfg Co  
Walker-Turner Co Div Kearney & Trecker Corp  
Wilson Saw Div Media Machine Works  
Yates-American Machine Co

#### SAWS, CIRCULAR, INSERTED TOOTH

American Saw Mill Machinery Co  
Atkins (E C) & Co  
Chattanooga Saw Works  
Curley Mfg Co  
DeWalt Inc  
Diston (Henry) & Sons Inc  
Hoe (R) & Co  
Huther Brothers Saw Mfg Co  
Miner & Son Saw Works

Oliver-Bishop Co  
Simonds Saw & Steel Co  
Wheland Co  
Yates-American Machine Co

#### SAWS, CIRCULAR, SOLID TOOTH

Albertson & Co Inc  
American Saw Mill Machinery Co  
Atkins (E C) & Co  
Beach Mfg Co  
Boise-Crane Co  
Chattanooga Saw Works  
C H & E Mfg Co  
Consolidated Machinery & Supply Co Ltd  
Curley Mfg Co  
Delta Mfg Div Rockwell Mfg Co  
DeWalt Inc  
Diston (Henry) & Sons Inc  
Filer & Stowell Co  
Hoe (R) & Co Inc  
Hutchinson Mfg Co  
Huther Brothers Saw Mfg Co  
Mill Tool Co  
Master Woodworking Mfg Co  
Miner (J H) Saw Mfg Co  
Miner & Son Saw Works  
Oliver-Bishop Co  
Parke Woodworking Machine Co  
Power (L) & Co  
Rockwell Mfg Co Power Tool Div  
St Paul Foundry & Mfg Co  
Sandvik Saw & Tool Corp  
Simonds Saw & Steel Co  
Walker-Turner Co Div Kearney & Trecker Corp  
Wallace (J D) & Co  
Wheland Co  
Wilson Saw Div Media Machine Works  
Yates-American Machine Co

#### SAWS, COPING

Forsberg Mfg Co

#### SAWS, CUTOFF, POWERED

American Saw Mill Machinery Co  
Atkins (E C) & Co  
Beach Mfg Co  
Boise-Crane Co  
Chattanooga Saw Works  
C H & E Mfg Co  
C L E Machinery Co  
Consolidated Machinery & Supply Co Ltd  
Curley Mfg Co  
DeWalt Inc  
Diston (Henry) & Sons Inc  
Ennis Supply Co  
Fay (J A) & Egan Co  
Forsberg Mfg Co  
Heston & Anderson Div St Paul Foundry & Mfg Co  
Hoe (R) & Co  
Huther Brothers Saw Mfg Co  
Machison Machine Works  
Oliver-Bishop Co  
Oliver Machinery Co  
Porter (C O) Machinery Co  
St Paul Foundry & Mfg Co  
Sandvik Saw & Tool Corp  
Simonds Saw & Steel Co  
Rietson-Ross Machine Co  
Walker-Turner Co Div Kearney & Trecker Corp  
Wallace (J D) & Co  
Wilson Saw Div Media Machine Works  
Woods (S A) Machine Co  
Yates-American Machine Co

#### SAWS, ELECTRIC, PORTABLE

American Floor Surfacing Machine Co  
American Saw Mill Machinery Co  
Atkins (E C) & Co  
Beach Mfg Co  
Black & Decker Mfg Co  
Brassfield Machine Tool Co  
Chicago Pneumatic Tool Co  
Consolidated Machinery & Supply Co Ltd  
Cummings Business Machine Co Div Wappat (Frod W)  
DeWalt Inc  
Dremel Mfg Co  
Forsberg Mfg Co  
Flex-Arm Mfg Co  
Heston & Anderson  
Independent Pneumatic Tool Co  
Mill Tool Co  
Millers Falls Co  
Milwaukee Electric Tool Co  
Portable Electric Tools  
Porter-Cable Machine Co  
Red Star Products Inc  
Reed-Prentice Corp  
Shilow Inc  
Speed-Way Mfg Co  
Stanley Electric Tools Div Stanley Works  
Syntron Co  
Van Horn Electric Tool Co  
U S Electrical Tool Co  
Vulcan Iron Works Co  
Wallace (J D) & Co

#### SAWS, FOLDING

Goldblatt Tool Co

#### SAWS, GROOVING

American Saw Mill Machinery Co

Atkins (E C) & Co  
Beach Mfg Co  
Chattanooga Saw Works  
DeWalt Inc  
Diston (Henry) & Sons Inc  
Fay (J A) & Egan Co  
Hoe (R) & Co  
Huther Brothers Saw Mfg Co  
Miner Mfg Co  
Oliver-Bishop Co  
Simonds Saw & Steel Co  
Walker-Turner Co Div Kearney & Trecker Corp  
Wallace (J D) Mfg Co  
Wilson Saw Div Media Machine Works  
Woods (S A) Machine Co  
Yates-American Machine Co

#### SAWS, HACK

Atkins (E C) Co  
Bridgeport Hardware Mfg Corp  
Crescent Tool Co  
Diston (Henry) & Sons Inc  
Forsberg Mfg Co  
Graham (John H) & Co  
K D Mfg Co  
Line-Bolting Corp  
Machison Tool Co  
Millers Falls Co  
Parke Mfg Co  
Frodo Tool Co  
Simonds Saw & Steel Co  
Stewart (L B) Co  
Union Mfg & Gauge Co  
United Wire Goods Mfg Co Inc  
Wilson Hardware Mfg Co

#### SAWS, HAND

American Saw & Mfg Co  
Atkins (E C) & Co  
Capewell Mfg Co  
Diston (Henry) & Sons Inc  
Goldblatt Tool Co  
Oliver-Bishop Mfg Co  
Pennsylvania Saw Corp  
Sandvik Saw & Tool Corp  
Simonds Saw & Steel Co

#### SAWS, HOLE

Black & Decker Mfg Co  
Cireo Tool Co  
Diston (Henry) & Sons Inc  
Millers Falls Co  
Miner Mfg Co

#### SAWS, JIG, POWERED

Atlas Press Co  
Beach Mfg Co  
Boise-Crane Co  
Dremel Mfg Co  
Oliver Machinery Co  
Walker-Turner Co Div Kearney & Trecker Corp

#### SAWS, MITER

American Saw Mill Machinery Co  
Atkins (E C) & Co  
Boise-Crane Co  
DeWalt Inc  
Diston (Henry) & Sons Inc  
Hoe (R) & Co  
Huther Brothers Saw Mfg Co  
Oliver-Bishop Co  
Simonds Saw & Steel Co  
Stanley Tools Div Stanley Works  
Walker-Turner Co Div Kearney & Trecker Corp  
Wilson Saw Div Media Machine Works

#### SAWS, MULEY

Atkins (E C) & Co  
Oliver-Bishop Co  
Simonds Saw & Steel Co

#### SAWS, RADIAL, POWERED

American Sawmill Machine Co  
Beach Mfg Co  
Consolidated Machinery & Supply Co  
Construction Machinery Co  
Cummings Business Machine Co Wappat (Frod W) Div  
DeWalt Inc  
Flex-Arm Mfg Co  
Porter-Cable Machine Co  
Red Star Products Inc  
Rockwell Mfg Co Power Tool Div  
Shilow Inc  
Walker-Turner Co Div Kearney & Trecker Corp  
Wallace (J D) & Co  
Wilson Saw Div Media Machine Works

#### SAWS, RIP

Atkins (E C) & Co  
Beach Mfg Co  
Chattanooga Saw Works  
C H & E Mfg Co  
Consolidated Machinery & Supply Co  
Dependable Machine Co  
DeWalt Inc  
Diston (Henry) & Sons Inc

Fay (J A) & Egan Co  
Forsberg Mfg Co  
Greenlee Brothers & Co  
Hoe (R) & Co  
Huther Brothers Saw Mfg Co  
Newman Machine Co  
Oliver Machinery Co  
Simonds Saw & Steel Co  
Wallace (J D) & Co  
Wilson Saw Div Media Machine Works  
Yates-American Machine Co

#### SAWS, SCROLL

Rockwell Mfg Co Power Tool Div

#### SAWS, SWING, POWERED

American Saw Mill Machinery Co  
Beach Mfg Co  
C H & E Mfg Co  
Consolidated Machinery & Supply Co  
Curley Mfg Co  
Diston (Henry) & Sons Inc  
Fay (J A) & Egan Co  
Filer & Stowell Co  
Heston & Anderson Div St Paul Foundry & Mfg Co  
Lane Mfg Co  
Newman Machine Co  
Oliver-Bishop Co  
Oliver Machinery Co  
Tennessee Works  
Woods (S A) Machine Co  
Yates-American Machine Co

#### SAWS, TILTING, ABOVE TABLE, POWERED

American Saw Mill Machinery Co  
Beach Mfg Co  
Boise-Crane Co  
C H & E Mfg Co  
Consolidated Machinery & Supply Co  
Construction Machinery Sales Co  
DeWalt Inc  
Fay (J A) & Egan Co  
Greenlee Brothers & Co  
St Paul Foundry & Mfg Co  
Walker-Turner Co Div Kearney & Trecker Corp  
Wallace (J D) & Co  
Whitney (Baxter D) & Son Inc  
Yates-American Machine Co

#### SCAFFOLDING, SCAFFOLDS, AND BRACKETS

Advance Scaffold Mfg Co  
Arner Scaffold Co Inc  
Ajax Building Bracket Co  
American Ladder Co  
Amison Sales Co  
Anderson (John E) Co  
Babcock (W W) Co  
Raker-Ross Inc  
Easer Mfg Co  
Berg (John) Mfg Co  
Rix-Jac Co  
Breyer Brothers Whiting & Co  
Clark (J R) Co  
Coner Steel & Wire Co  
De-Al Self-Storing Bracket Co  
Fischer Bracket Co  
Flint (A W) Co  
Gardner Steel Co  
Goldblatt Tool Co  
Gosden Mfg Co  
Hottelma (F) Adjustable Scaffold Bracket Co  
Holland Ladder & Mfg Co  
Marvel Equipment  
Michigan Ladder Co  
Moulton Ladder Mfg Co  
Newark Ladder & Bracket Co  
Patent Scaffolding Co Inc  
Pittsburgh Plate Glass Co  
Reliable Jack Co  
Rich Ladder & Mfg Co  
Safeway Steel Products  
Steel Scaffolding Co  
Tilley (John B) Ladders Co Inc  
Universal Manufacturing Corp  
Up-Right Scaffolds  
Wagner Mfg Co  
Wilson-Albrecht Co  
Woodenware Products Corp

#### SCALES, BATCHING

Butler Bin Co  
Fairbanks Morse & Co  
Howe Scale Co  
Johnson (C B) Co

#### SCALES, BATHROOM, BUILT-IN

Fries & Son Steel Construction & Engineering Co

#### SCALES, COUNTER

Colloid Equipment Co  
Detroit Scales Inc  
Fairbanks Morse & Co  
Hanson Scale Co  
Howe Scale Co  
Peimont Mfg Co  
Toledo Scale Co  
Triner Scale & Mfg Co

#### SCALES, HOPPER

Butler Bin Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67

Fairbanks Morse & Co  
Howe Scale Co  
Johnson (C R) Co  
Louden Machinery Co

#### SCALES, MOISTURE CONTENT, LUMBER

Colloid Equipment Co Inc  
Fairbanks Morse &  
Grand Rapids Vapor Kiln  
Moore Dry Kiln Co  
Toledo Scale Co

#### SCALES, PLATFORM, PORTABLE

American Scale Co  
Detecta Scales Inc Div Jacobs Brothers Co  
Fairbanks Morse & Co  
Hanson Scale Co  
Howe Scale Co  
Johnson (C R) Co  
Toledo Scale Co  
Yale & Towne Mfg Co Materials Handling Div

#### SCALES, TRUCK

American Scale Co  
Butler Bit Co  
Fairbanks Morse & Co  
Howe Scale Co

#### SCRAPERS, FLOOR

Fletcher Terry Co  
Millers Falls Co  
Red Devil Tools  
Stanley Tools Div Stanley Works  
Stewart (L S) Co

#### SCRAPERS, FOOT

Dezator Iron & Steel Co  
Eroo Mfg Co  
Grey Iron Casting Co  
Lawrence Brothers  
Richards-Wilcox Mfg Co  
Standard Brouse Co

#### SCRAPERS, PAINT

Bridgport Hardware Mfg Corp  
Clarke Sanding Machine Co  
Fletcher Terry Co  
Pittsburgh Plate Glass Co  
Red Devil Tools  
Stanley Tools Div Stanley Works

#### SCRAPERS, POWERED

Allis-Chalmers Mfg Co  
Bucyrus Erie Co  
Caterpillar Tractor Co

#### SCRAPERS, WOOD

Atkins (F C) & Co  
Dixton (Henry) & Sons Inc  
Heller Brothers Co  
Lamm & Goodson Mfg Co  
Sandvik Saw & Tool Corp

#### SCREENS, METAL BASE

Alabama Metal Lath Co  
Allen Steel Products  
Bostwick Steel Lath Co  
Ceco Steel Products Corp  
Getz (H S) & Co Inc  
Inland Steel Products Co  
Knapp Brothers Mfg Co  
National Gypsum Co  
Penn Metal Co Inc  
Trucon Steel Co  
U S Gypsum Co  
Wheeling Corrugating Co

#### SCREENING, INSECT WIRE

Aluminum Co of America  
American Brass Co  
Cambridge Wire Cloth Co  
Ceco Steel Products Corp  
Chase Brass & Copper Co  
Clark Wire & Supply Co  
Clinton Wire Cloth Co  
Curtis Cos Inc  
Cyclone Fence Div American Steel & Wire Co  
DeVries-Harris Co  
Gilbert & Bennett Mfg Co  
Hannover Wire Cloth Div Continental United Industries Co Inc  
Jelliff (C O) Mfg Corp  
Kaiser Aluminum & Chemical Corp  
Keystone Steel & Wire Co  
Keystone Wire Cloth Co  
Newark Wire Cloth Co  
New York Wire Cloth Co  
Nichols Wire & Aluminum Co  
Orange Screen Co  
Pacific Wire Products Co  
Punnsen Inc  
Popout Wire Cloth Co Inc  
Reebing's (John A) Sons Co  
Seneca Wire & Mfg Co  
Smith (F P) Wire & Iron Works  
Valentine Equipment Co  
Vinner Sales Co  
Warp Brothers  
Wickwire Brothers Inc  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

#### SCREENING, PLASTIC, WIRE REINFORCED

Callaway Mills Inc  
Callaway Corp of America Plastics Div  
Dow Chemical Co  
Firestone Industrial Products Div Firestone Tire & Rubber Co  
Keystone Wire Cloth Co  
Lumite Div Chicago Mfg Corp  
New York Wire Cloth Co  
Plastic Woven Products  
Seneca Wire & Mfg Co  
Superior Fireplace Co  
Swift Mfg Co  
Warp Brothers

#### SCREENS, ALUMINUM FRAME

Alumatic Corp of America  
Aluminum Window Corp  
Barthart (A W) Co  
Kane Mfg Corp  
Kaufmann Corp  
Reynolds Metals Co Building Products Div  
Screens & Fabricated Metals Corp

#### SCREENS, CHIMNEY

Donley Brothers

#### SCREENS, COAL, SAND, GRAVEL, ETC

Atlas Conveyor Co  
Hain (George) Mfg Co Div Pettibone Multi-  
Liten Corp  
Link-Belt Co  
Meyers (Fred L) Mfg Co  
Reebing's (John A) Sons Co  
Seneca Wire & Mfg Co  
Universal Engineering Corp  
Wickwire Spencer Steel Div Colorado Fuel & Iron Corp

#### SCREENS, ROLLING WINDOW

Bear American Window Co  
Barthart (A W) Co  
Kane Mfg Corp  
Keystone Wire Cloth Co  
Lockhart Mfg Corp  
Metalcraft Co  
Rubscreen Co  
Rudiger-Lang Co  
Rylock Co Ltd  
Steel Window Products Co  
Universal Roller Screen Co

#### SCREENS, STEEL FRAME

A B C Steel Equipment Co  
Ceco Steel Products Corp  
Chamberlin Co of America Inc  
Cincinnati Fly Screen Div Russell (F C) Co  
Compo-Miracle Products Co  
Continental Screen Co  
Copee Steel & Engineering Co  
Croft Steel Products Inc  
Dennis (W J) & Co  
Donley Brothers  
Fenster Building Products  
Gabriel Steel Co  
Goderart Metal Products Co  
Hollister Coil Spring Mfg Co  
Hope's Windows Inc  
Ingersoll Steel Div Borg-Warner Corp  
Johnson Metal Products Co  
Kewanee Mfg Co  
Mether Brothers  
Metal Arts Mfg Co  
Metalcraft Co  
Metal Products Corp  
Metal Window Service Co  
New Monarch Machinery & Stamping Co  
New York Wire Cloth Co  
Orange Screen Co  
Robbins Mfg Co  
Rudiger-Lang Co  
Security Sash & Screen Co  
Steelcraft Mfg Co  
Trucon Steel Co  
Universal Fabricators

#### SCREENS, SUN REFLECTING

Flet-O-Glass Mfg Co  
Ingersoll Steel Div Borg-Warner Corp  
Kaiser Aluminum & Chemical Corp  
Warp Brothers

#### SCREENS, TENSION

Keystone Wire Cloth Co  
K H P Milwaukee Steel Co  
Lockhart Mfg Corp  
New York Wire Cloth Co  
Rudiger-Lang Co  
Rutake Weatherstrip Mfg Co

#### SCREENS, & SCREEN DOORS, WOOD FRAME

American Sash & Door Co  
Angel Novelty Co  
Barthart (A W) Co  
Burlie Millwork Co  
Carr Adams & Collier Co  
Chamberlin Co of America Inc  
Cole Mfg Co  
Continental Screen Co  
Curtiss Lumber Co  
Crown Shade & Screen Co  
Crosby Cos Inc

Dennis (W J) & Co  
Farley & Loetcher Mfg Co  
Fir Door Institute  
Fordyce-Crosscut Lumber Co  
General Woodcraft Co  
Gregg & Son  
Hemphill (A D) Co  
Hollister Coil Spring Mfg Co  
Huttig Mfg Co  
Huttig Sash & Door Co  
Isabel Co  
Keystone Wire Cloth Co  
Kinima Pine Mills Co  
Long-Bell Lumber Co  
Marquart Millwork Co  
Morgan Sash & Door Co  
National Screen Co Inc  
National Screen Door Co  
New York Wire Cloth Co  
Northwest Door Co  
Orange Screen Co  
Pacific Mutual Door Co  
Pleasant Mfg Co Inc  
Ponderosa Pine Woodwork  
Prentice (F W) & Co  
Reuch & Musser Co  
Robbins Mfg Co  
Robinson Mfg Co  
Rock Island Millwork Co  
Rudiger-Lang Co  
Russell (F C) Co  
Schumacher (F E) Co  
Spokane Sash & Door Co  
Universal Fabricators  
Weather-Proof Co  
West Coast Screen Co  
Western Pine Association  
Wheeler Osgood Co  
White Pine Sash Co

#### SCREWDRIVERS

Bridgport Hardware Mfg Corp  
Crescent Tool Co  
Damascus Steel Products Corp  
Dixton (Henry) & Sons Inc  
Greenlee Tool Co  
Fairmount Tool & Forging Co  
Forberg Mfg Co  
Mall Tool Co  
Magway Steel Products Inc  
Mehlsite Tool Co  
Millers Falls Co  
Oswatonna Tool Co  
Or-Wall Tool Co  
Parker Mfg Co  
P A C Hand Forged Tool Co  
Prest Slew & Willow Co  
Proto Tool Co  
Rainer-Tools  
Reed & Prince Mfg Co  
Skilaw Inc  
Stanley Works  
Tulon Hardware Co  
United Wall Goods Mfg Co  
Visek Tool Co  
Wilds Drop Forge & Tool Co

#### SCREWDRIVERS, ELECTRIC, PORTABLE

Black & Decker Mfg Co  
Chicago Pneumatic Tool Co  
Gardners' Tool Mfg Co  
Independent Pneumatic Tool Co  
Mail Tool Co  
Millers Falls Co  
Milwaukee Electric Tool Corp  
Stanley Electric Tools Div Stanley Works  
U S Electrical Tool Co

#### SCREWDRIVERS, BATCHET

American Series File & Tool Co  
Greenlee Tool Co  
Millers Falls Co  
North Brothers Mfg Co Div Stanley Tools  
Or-Wall Tool Co  
Starratt (L B) Co

#### SCREWS

Alax Hardware Mfg Corp  
American Screw Co  
Atlantic Screw Works  
Atlas Bolt & Screw Co  
Braum (J G) Co  
Bridgport Brass Co  
Chase Brass & Copper Co  
Continental Screw Co  
Curlin Screw Div American Hardware Corp  
Eagle Lock Co  
Elex Tool & Screw Corp  
Hassall (John) Inc  
Independent Nail & Packing Co  
National Lock Co  
National Screw & Mfg Co  
Palco Company  
Parker (S) Hardware Mfg Corp  
Pheliff Mfg Co  
Rockford Screw Products Co  
St Louis Screw & Bolt Co  
Southington Hardware Mfg Co  
Stronghold Screw Products Inc  
United Screw & Bolt Corp

#### SEALERS, CONCRETE

American Asbestos Products Co  
American Fluorex Co Inc  
Claronex Products Inc  
Servitized Products Corp  
Spray-O-Bond Co

Wesco Waterplains Inc  
Wilbur & Williams Co

#### SEALERS, CORRUGATED ROOFING

Fabricated Products Co  
Servitized Products Corp

#### SEALERS, KNOT, WOOD

Western Pine Association  
Wood Conversion Co

#### SEALERS, PLYWOOD

Arina Plywood & Veneer Co  
American Varnish Co  
Breinig Brothers Inc  
Davis Plywood Corp  
Fadden-Moore & Co  
Mougel Co Inc  
Monanto Chemical Co  
Plywood Inc  
U S Menzel Plywood Inc  
U S Plywood Corp

#### SEALERS, SYNTHETIC RESIN

Monanto Chemical Co Western Div

#### SEALERS, WOOD

Chapman Chemical Co  
Deve & Reynolds Inc  
De Font (E J) & Nemoour Co  
Forman-Ford & Co  
Prait & Lambert Inc  
Sachse-Williams Co  
U S Plywood Corp

#### SEATS, TOILET

Remis Mfg Co  
Rensco Corp  
Brunswick-Balke-Cullender Co Inc  
Church (C F) Mfg Co  
Federal Seat Corp  
Higgins Inc  
Monarch Sanitary Products  
Plumbers Woodwork Co  
Swedish Crucible Steel Co  
Vogge Mfg Co

#### SERVICES, ADVERTISING

Building Products Merchandising Service  
Meyer-Both Co  
Stevens Advertising Agency

#### SERVICES, ESTIMATING

Miller-Fishel Co  
Tamblyn Systems

#### SERVICES, FINANCING

Allied Building Credits Inc  
Commercial Credit Corp  
Douglas-Guardian Warehouse Corp  
Investors Syndicate  
Lawrence Warehouse Co  
National Life Insurance Co  
St Louis Terminal Warehouse Co  
U S Savings & Loan League

#### SERVICES, PLAN

All Climates Plan Book Agency  
American Home Plan Service  
American Plan Service Co  
Browe-Biodgett Co  
Building Products Merchandising Service  
East-Rild Pattern Co  
Girlinghouse (L F) Co  
Home Plan Book Co  
Home Planners Inc  
Home of the Week Plan Service  
Lumberman's Plan Service  
Martin (S Clyde)  
McLure & Co  
Model Plan Service  
National Plan Service Inc  
Nationwide Home Plan Service  
Southern Pine Association  
Southern Plans Co  
Standard Homes Co  
Totted Home Building Plan Service  
Universal Plan Service

#### SERVICES, PURCHASING

Biddle Purchasing Co

#### SERVICES, STORE LAYOUT

Heller (W C) & Co  
Hess & Baird Studio  
Long-Bell Lumber Co  
Sitka Spruce Lumber & Mfg Co

#### SERVICES, YARD LAYOUT

Aukens (A E)  
Hess & Baird Studio  
McCarthy (E B)  
Snyder & Willard

#### SETS, NAIL

American Series File & Tool Co  
Bridgport Hardware Mfg Corp  
Brown & Sharpe Mfg Co  
Damascus Steel Products Corp

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67,

Hood Brothers  
Mayhew Steel Products Inc  
McKernan-Huff Tool Co  
Millers Falls Co  
Rainey-Tool Co  
Stanley Works  
Starrett (L S) Co  
Syracuse Twist Drill Co  
Union Tool Co

#### SETS, SAW

Atkins (E C) & Co  
Beaver Mfg Co  
Dixton (Henry) & Sons Inc  
Hanchett Mfg Co  
Hoe (B) & Co Inc  
Huther Brothers Saw Mfg Co Inc  
Millers Falls Co  
Stanley Works  
Simonds Saw & Steel Co  
Stanley Works  
Yates-American Machine Co

#### SETTINGS, GLASS, STRUCTURAL

Brace Mfg Co  
Pittsburgh Plate Glass Co

#### SHADES, PLASTIC FOR STORE WINDOWS

Tran Shade Co

#### SHADES, PORCH

Aerohade Co  
Hough Shade Corp  
Shirodwood Curtain Co  
Warren Shade Co

#### SHADES, WINDOW

Aerohade Co  
Bailey & Weston  
Bills Venturian Blind Co  
Breneman (Charles W) Co  
Clapp Corp  
Columbia Mills Inc  
Columbus Coated Fabrics Corp  
Hough Shade Corp  
Kane Mfg Corp  
Stewart Hartshorn Co  
Volker (William) & Co

#### SHAFTS, FLEXIBLE

Mall Tool Co  
Walker Turner Co Div Kearney & Trecker Corp

#### SHAKES, CEDAR, STAINED

Butler-McDonnell Mfg Co Ltd  
Canadian Forest Products Ltd Hunting-Mer-  
rit Shingle Div  
Capitane Shingle Co Ltd  
Colonial Cedar Co  
Cree-Dipt Co Inc  
Evelitt Shingle & Shake Co  
Jamison Lumber & Shingle Co  
McNair (Robert) Shingle Co Ltd  
Olympic Stained Products Co  
Perma-Products Co  
Portland Shingle Co  
Preservative Paint Co  
Reith (M R) Lumber & Shingle Co  
Stained Shingle & Shake Association  
West Coast Stained Shingle Co  
Weberbauer Sales Co

#### SHAPERS

Atlas Press Co  
Porter Cable Machine Co  
Rockwell Mfg Co Power Tool Div  
Wallace (J D) & Co

#### SHARPENERS, KNIFE

Atkins (E C) & Co  
Behr-Manning Corp Div Norton Co  
Busey Corp  
Elo Products Co  
National Sewing Machine Co  
New England Carbide Tool Co Inc  
Simonds Abrasive Co Div Simonds Saw &  
Steel Co  
Turner & Seymour Mfg Co

#### SHARPENERS, SAW

Atkins (E C) & Co  
Beaver Mfg Co  
Chattanooga Saw Works  
Dixton (Henry) & Sons Inc  
Foley Mfg Co  
Hanchett Mfg Co  
Huther Brothers Saw Mfg Co Inc  
Mall Tool Co  
Prescott Co  
Wood-Prentice Corp  
Wardwell Mfg Co  
Yates-American Machine Co

#### SHEARS, METAL CUTTING, ELECTRIC

Black & Decker Mfg Co

#### SHEATHING, ASBESTOS CEMENT

Asbestos Asphalt & Insulation Inc  
Rader Corrugating Co  
Carey (Phillip) Mfg Co  
Celotex Corp  
Davis Plywood Corp  
Flintkote Co

Johns-Manville Corp  
Kearney & Mattison Co  
National Gypsum Co  
Ruberoid Co  
STANDARD Asbestos Mfg Co

#### SHEATHING, BOARD, ASPHALT, RIGID

Carey (Phillip) Mfg Co  
Celotex Corp  
Flintkote Co  
Insullite Div Minnesota & Ontario Paper Co  
Johns-Manville Corp  
Keystone Asphalt Products Co  
Logan-Long Co  
National Mfg Corp  
Nelson (B F) Mfg Co  
Plastergen Wall Board Co  
Protective Papers Inc  
Ruberoid Co  
U S Gypsum Co

#### SHEATHING, BOARD, FIBER

Armstrong Cork Co Building Materials Div  
Bird & Son Inc  
Carey (Phillip) Mfg Co  
Celotex Corp  
Fir-Tex Insulating Board Co  
Flintkote Co  
Homasote Co  
Insullite Div Minnesota & Ontario Paper Co  
Johns-Manville Corp  
National Gypsum Co  
Plastergen Wall Board Co  
Simpson Logging Co  
U S Gypsum Co  
Upon Co  
Wood Conversion Co

#### SHEATHING, BOARD, TREATED, INSULAT- ING

At-G-Cel Co  
Armstrong Cork Co  
Barrett Div Allied Chemical & Dye Corp  
Bird & Son Inc  
Carey (Phillip) Mfg Co  
Celotex Corp  
Conner Lumber & Land Co  
Cree-Dipt Co Inc  
Flintkote Co  
Homasote Co  
Insullite Div Minnesota & Ontario Paper Co  
Johns-Manville Corp  
Keystone Asphalt Products Co  
Meadows (W B) Inc  
National Gypsum Co  
Plastergen Wall Board Co  
Protective Papers Inc  
Simpson Logging Co  
U S Gypsum Co  
U S Menzel Fibrowoods Inc  
U S Plywood Corp

#### SHEATHING, GYPSUM

Angier Corp  
Blue Diamond Corp  
Celotex Corp  
Certain-Teed Products Corp  
Grand Rapids Plaster Co  
National Gypsum Co  
Pacific Portland Cement Co  
Schumacher Wall Board Corp  
U S Gypsum Co

#### SHEETS, ALUMINUM, CORRUGATED

Aluminum Co of America  
Coco Steel Products Corp  
Cupples Co  
New Holland Metals Co  
Reynolds Metals Co  
Southern States Iron Roofing Co

#### SHEETS, ALUMINUM, FLAT

Aluminum Co of America  
Coco Steel Products Corp  
Compo-Miracle Products Co  
Cupples Co  
Kaiser Aluminum & Chemical Corp  
National Aluminum Products Co  
New Holland Metals Co  
Nichols Wire & Aluminum Co  
Reynolds Metals Co Building Products Div  
Southern States Iron Roofing Co

#### SHEETS, BLACK

Alan Wood Steel Co  
Carriage-Illinois Steel Corp  
Coco Steel Products Corp  
Continental Steel Corp  
Inland Steel Products Co  
Republic Steel Corp  
Tennessee Coal Iron & Railroad Co  
Wheeling Corrugating Co

#### SHEETS, IRON & STEEL, GALVANIZED

Allgeyer Ludlum Steel Co  
Armo Drainage & Metal Products Inc  
Carriage-Illinois Steel Corp  
Coco Steel Products Corp  
Continental Steel Corp  
Gary-Pioneer Steel Co  
Inland Steel Co  
Inland Steel Products Co  
International Steel Co  
Kaiser Mfg Co

Mid-States Steel & Wire Co  
Republic Steel Corp  
Ryder (Joseph F) & Son Inc  
St Paul Corrugating Co  
Sheffield Steel Corp  
Soud Steel Co  
Tennessee Coal Iron & Railroad Co  
Trucon Steel Co  
Wheeling Corrugating Co

#### SHEETS, PLASTIC

Actna Plywood & Veneer Co  
Eaton & Hoss Co

#### SHEETS, STEEL, CORRUGATED

Armo Steel Corp  
Rader Corrugating Co  
Berger Mfg Div Republic Steel Corp  
Bethlehem Steel Co  
Carriage-Illinois Steel Corp  
Coco Steel Products Corp  
Coney Industries Co  
Continental Steel Corp  
Deatur Iron & Steel Co  
New Holland Metals Co  
Inland Steel Products Co  
International Steel Co  
Republic Steel Corp  
Revere Copper & Brass Inc  
St Paul Corrugating Co  
Route Steel Co  
Southern States Iron Roofing Co  
Tennessee Coal Iron & Railroad Co  
Wheeling Corrugating Co  
Youngstown Sheet & Tube Co

#### SHELLAC

American Etched Shellac Corp  
Barrett, Varnish Co  
Berry Brothers Inc  
Central Paint & Varnish Works  
DuPont (E I) de Nemours & Co  
Gillespie Varnish Co  
Gildren Co  
Horn (A C) Co  
Martin-Senour Co  
O'Brien Corp  
Patterson-Sargent Co  
Pittsburgh Plate Glass Co  
Sheffield Bronze Paint Corp  
U S Galtz, Percha Paint Co  
Valentine & Co Inc  
Vita-Var Corp  
Wellman Products Co  
Woodfinishing Products Co  
Zimmer (William) & Co Inc

#### SHELVING, ADJUSTABLE SHELF

Adams Co  
Buech (A G) & Co Inc  
Heller (W C) & Co  
Knappe & Vogt Mfg Co  
Mackinburg-Duncan Co

#### SHELVING, GLASS

American Window Glass Co  
Cardinal Glass Co  
Columbia Metal Box Co  
Heller (W C) & Co  
Libbey-Owens-Ford Glass Co  
Pittsburgh Plate Glass Co

#### SHELVING, PREFABRICATED

Ames (W E) Co  
Hines (Edward) Lumber Co

#### SHELVING, STEEL

Berger Mfg Co Div Republic Steel Corp  
Equisite Div Aurora Equipment Co  
Frick-Gallagher Mfg Co  
Heller (W C) & Co  
Lyon Metal Products Inc  
National Radition Co  
Red Tiger Products Inc  
Steel Partitions Inc  
Trane Co  
Tennessee Stone Co Inc  
Washington Steel Products Inc  
Wallsager Steel Corp

#### SHELVING, WOOD

Carr & Hochl Co  
Cole Mfg Co  
Curtis Cos Inc  
Engineered Plywood Products Co  
Frick-Gallagher Mfg Co  
Heller (W C) & Co  
Hines (Edward) Lumber Co  
Kinnis Pine Mills Co  
Long-Bell Lumber Co  
Mauk-Seattle Lumber Co  
Willamette Valley Lumber Co  
Willamette Metal Products

#### SHELVES, CABINET REVOLVING

Ames (W E) Co  
Lyon Metal Products Inc  
Washington Steel Products Inc

#### SHIELDS, EXPANSION BOLT

Arts Expansion Bolt Co  
Chicago Expansion Bolt Co  
Diamond Expansion Bolt Co  
Etnish Industries Inc  
Faine Co  
Fells (J D) Mfg Co  
Star Expansion Products Co Inc

#### SHIELDS, TERMINE

Illinois Sine Co  
Potts-Farrington Co  
Rushcraft Co  
Timber Engineering Co

#### SHINGLES, ASBESTOS-CEMENT

Asbestos Co of Texas  
Barrett Div Allied Chemical & Dye Corp  
Carey (Phillip) Mfg Co  
Celotex Corp  
Flintkote Co  
Johns-Manville Corp  
Kearney & Mattison Co  
Ruberoid Co  
Smith Asbestos Products Inc  
U S Gypsum Co

#### SHINGLES, ASPHALT

American Asphalt Roof Corp  
Barrett Div Allied Chemical & Dye Co  
Bird & Son Inc  
Carey (Phillip) Mfg Co  
Celotex Corp  
Certain-Teed Products Corp  
Flintkote Co  
Ford Roofing Products Co  
Globe Roofing Products Co Inc  
Gold Seal Roofing Co  
Johns-Manville Corp  
Lobson Co  
Logan-Long Co  
Nelson (W F) Mfg Co  
Palco Products Inc  
Ruberoid Co  
Texas Asphalt Products Inc  
Texas Co  
U S Gypsum Co

#### SHINGLES, CEDAR, RED

Acme Shingle Co Ltd  
Agnew Lumber Co  
Aists Lumber Co  
American Stained Shingle Co  
Arch Cape Shingle Co  
Apres & Bowen Shingling  
Bestwood Cedar Shingle Co Ltd  
Richard Stewart & Welch Ltd  
S E Shingle Co  
Bielman-Menke Shingle Co  
Bridal Falls Shingle Co  
British Columbia Forest Products Ltd  
Brown (H C) Shingle Co  
Butler-McDonnell Mfg Co Ltd  
Canadian Forest Products Ltd Hunting-Mer-  
rit Shingle Div  
Canadian Western Lumber Co Ltd  
Capitane Shingle Co Ltd  
Chase (Joseph) Shingle Co Ltd  
Clearwater Shingle Co  
Coats (A F) Lumber Co  
Colonial Cedar Co  
Columbia Valley Lumber Co  
Conner Lumber & Land Co  
Cook County Lumber Co  
Corbett Mill Co  
Cree-Dipt Co Inc  
Crown Shingle Co  
Decker (A R) Shingle Co  
DeWitt Shingle Co  
Douglas Fir Wholesalers Inc  
Eatonville Lumber Co  
Far West Shingle Co  
Fisher Brothers  
Forks Shingle Co  
Fowler Shingle Co  
Georgia-Pacific Shingling & Lumber Co  
Giffillan Shingle Co  
Grandy Lake Shingle Co  
Gray Lumber & Shingle Co  
Gray (Robert) Shingle Co  
Hagin Shingle Co  
Hammerquist Shingle Co  
Hammond Cedar Co Ltd  
Hardman Mfg Co  
Hines (Edward) Lumber Co  
Hornalok Logging Co Ltd  
Horne Brothers Shingle Co Ltd  
Horn Cedar Mfg Co Ltd  
Hubert (William) Mill Co  
Huntington Shingle Co  
Hanna Shingle Co  
Jamison Lumber & Shingle Co  
Kirkpatrick (Thomas) Estate  
Lacquer Shingle Co  
Lake Shamon Lumber Co  
Lebold-Smith Shingle Co  
Long-Bell Lumber Co  
Longview Shingle Co  
Longview Shingle Co  
Mackie Mill Co  
Marona Mill Co  
Mauk-Seattle Lumber Co  
McCartor Shingle Co Ltd  
McNair (Robert) Shingle Co Ltd  
Midwest Jobbers Inc  
Miller (E C) Cedar Lumber Co  
Miller & Sons  
Monroe Shingle Co  
Mt Pleasant Shingle Co  
Mt View Shingle Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

Newburg Shingle Co  
Northwest Cedar Products Ltd  
Ocean Beach Shingle Mill  
O K Shingle Co  
Olympia Shingle Co  
Olympic Stained Products Co  
Pacific Timber Co  
Pacwood Shingle Co  
Perma Products Co  
Peterson Shingle Co  
Pineview Shingle Co  
Portland Shingle Co  
Quality Shingle Co  
Rainier Mill Co  
Randle Shingle Co  
Red Cedar Shingle Bureau  
Riverside Shingle Mills Ltd  
Roser Brothers  
Roadway Shingle Co  
Rome Shingle Co  
R & B Shingle Mfg Co  
Saginaw Shingle Co  
Scharf Brothers Lumber & Shingle Co  
Seattle Cedar Lumber Mfg Co  
Silbermagel (George J.) & Sons Co  
Skatney-Setright Shingle Co  
Smith (M R) Lumber & Shingle Co  
Sound Shingle Co  
Stained Shingle & Shake Association  
Standard Shingle Co  
Stare Lake Cedar Lumber  
Super Shingle Co  
Thurston-Flavelle Ltd  
Touste River Shingle Co  
Twin City Shingle Co  
Twin Harbors Lumber Co  
Wallace Lumber & Mfg Co  
Wardenton Shingle Co  
Washington Shingle Co  
Weyerhaeuser Sales Co  
White Creek Shingle Co  
Willana Shingle Co  
Woods Creek Shingle Co

#### SHINGLES, CEDAR, RED, STAINED

American Stained Shingle Co  
Canadian Forest Products Ltd Hunting-Mer-  
itt Shingle Div  
Capilano Shingle Co Ltd  
Colonial Cedar Co  
Cres-Dixie Co Inc  
Davis Sales Agency  
Dyke Brothers  
Everett Shingle & Shake Co  
Georgia-Pacific Plywood & Lumber Co  
Jamison Lumber & Shingle Co  
Kendall Lumber Corp  
Lion Shingle Co  
Long-Bell Lumber Co  
Munk-Seattle Lumber Co  
McNair (Robert) Shingle Co Ltd  
Olympic Stained Products Co  
Perma-Products Co  
Portland Shingle Co  
Preservative Paint Co  
Silbermagel (George J.) & Sons Co  
Smith (M R) Lumber & Shingle Co  
Weatherbest Corp  
West Coast Stained Shingle Co  
Weyerhaeuser Sales Co  
Wood Beautifiers

#### SHINGLES, PORCELAIN ENAMEL

Waterline Porcelain Enameling Co

#### SHINGLES, REDWOOD

Union Lumber Co  
Silbermagel (George J.) & Sons Co

#### SHINGLES, STEEL GALVANIZED

Rader Corrugating Co  
Berger Mfg Co Div Republic Steel Corp  
Ceco Steel Products Corp  
Cincinnati Sheet Metal & Roofing Co  
Clark-Rabbit Industries Inc  
Ewards Mfg Co  
Gary-Pioneer Steel Corp  
Inland Steel Products Co  
La Crosse Steel Roofing & Corrugating Co  
Mid-States Steel & Wire Co  
Northwest Metal Products Inc  
Southern States Iron Roofing Co  
Wheeling Corrugating Co

#### SHOES, SAFETY

Symons Clamp & Mfg Co

#### SHORING, CONCRETE SOFFIT FLOOR BLOCK

Besser Mfg Co

#### SHOVELS, BACKER, POWERED

Elmer Corp

#### SHUTTERS, METAL

Air Control Products Inc  
Astrup Co  
Fawcett Mfg Div Falls Stamping & Welding Co  
Fries & Son  
Metal Arts Mfg Co  
Shupler Mfg Co  
Transit Div Slem Bros Inc  
United Metal Products Inc

#### SHUTTERS, WOOD

Adelphian Mills Vandy (E A) Agents  
Air Control Products Inc  
Astrup Co

Carr Adams & Collier Co  
Central Division Co  
Cole Mfg Co  
Curtis Companies Inc  
Farley & Lotzcher Mfg Co  
Gray & Son Inc  
Hines (Edward) Lumber Co  
Huttig Mfg Co  
Huttig Sash & Door Co  
Marquart Millwork Co  
Morgan Co  
Quigley (J R) Co  
Roach & Munnor Co  
Rock Island Millwork Co  
Silbermagel (George J.) & Sons Co  
Western Pine Association

#### SIDING, ALUMINUM

Alcoa Inc  
Abide Inc  
Aluminum Co of America  
Compo-Miracle Products Co  
Kaiser Aluminum & Chemical Corp  
Kaiser Co  
National Aluminum Products Corp  
New Holland Metals Co  
Reynolds Metals Co Building Products Div  
Southern States Iron Roofing Co

#### SIDING, ALUMINUM CLAPBOARD

Children Mfg Co  
Kaiser Aluminum & Chemical Sales Corp  
Pots-Farrington Co

#### SIDING, ASBESTOS CEMENT

Asbestos Co of Texas  
Barrett Div Allied Chemical & Dye Corp  
Bird & Son Inc  
Carey (Phillip) Mfg Co  
Celotex Corp  
Flintkote Co  
Johns-Manville Corp  
Keasbey & Mattison Co  
Pabco Products Inc  
Pottersville Co  
Smith Asbestos Products Co Inc  
U S Gypsum Co

#### SIDING, ASBESTOS-CEMENT, CORRUGATED

Asbestos Co of Tex  
Barrett Div Allied Chemical & Dye Corp  
Carey (Phillip) Mfg Co  
Ford Roofing Products Co  
Johns-Manville Corp  
Keasbey & Mattison Co  
Ruberoid Co

#### SIDING, ASPHALT, PATTERNED, INSULATING

American Asphalt Roof Corp  
Barrett Div Allied Chemical & Dye Co  
Bird & Son Inc  
Bryant Mfg Co  
Carey (Phillip) Mfg Co  
Celotex Corp  
Certain-teed Products Corp  
Flintkote Co  
Ford Roofing Products Co Inc  
Globe Roofing Products Co Inc  
Ironbite Div Minnesota & Ontario Paper Co  
Johns-Manville Corp  
Jones & Brown Inc  
Keystone Asphalt Products Co  
Lehon Co  
Logan-Long Co  
Mastic Asphalt Corp  
National Mfg Corp  
Neison (E F) Mfg Co  
Plastogren Wall Board Co  
Protective Products Co  
Ruberoid Co  
Tampa Asphalt Products Inc  
Texas Co  
U S Gypsum Co  
Westerland Sidings Inc

#### SIDING, ASPHALT, LAMINATED RIGID

Barrett Div Allied Chemical & Dye Corp  
Carey (Phillip) Mfg Co  
Celotex Corp  
Flintkote Co  
Globe Roofing Products Co Inc  
Inanlite Div Minnesota & Ontario Paper Co  
Logan-Long Co  
Ruberoid Co

#### SIDING, IRON & STEEL

American Steel & Wire Co  
American Zinc Institute  
Armco Steel Corp  
Berger Corrugating Co  
Berger Mfg Div Republic Steel Corp  
Bethlehem Steel Co  
Carver-Illinois Steel Corp  
Ceco Steel Products Corp  
Cincinnati Sheet Metal & Roofing Co  
Columbia Steel Co  
Continental Steel Corp  
Edwards Mfg Co  
Fenster Building Products  
Fries & Son  
Houston Blow Pipe & Sheet Metal Works  
Illinois Zinc Co  
Inland Steel Products Co

Klauser Mfg Co  
Koppers Co Inc Tar Products Div  
La Crosse Steel Roofing & Corrugating Co  
Macomber Inc  
Nichols Wire & Aluminum Co  
Reeves Steel & Mfg Co  
Republic Steel Corp  
St Paul Corrugating Co  
Southern States Iron Roofing Co  
Tennessee Coal Iron & Railroad Co  
Tiffin Art Metal Co  
United Steel Fabricators Inc  
Wheeling Corrugating Co

#### SIDING, LOG

Bradley Lumber Co of Ark  
Front Lumber Industries Inc  
Hines (Edward) Lumber Co  
Rustic Furniture Co Inc  
Silbermagel (George J.) & Sons Co  
West Coast Lumbermen's Association  
Western Pine Association  
Weyerhaeuser Sales Co

#### SIDING, PLYWOOD

U S Plywood Corp

#### SIDING, SHEATHING, ASPHALT, COVERED GYPSUM

Celotex Corp  
National Gypsum Co  
U S Gypsum Co

#### SIDING, WOOD FIBER INSULATING

Bird & Son Inc

#### SIGNS

Active Display Adr  
Allen (W D) Mfg Co  
Auto Sign Display Co  
Building Products Merchandising Service  
Coffman (E G) Co Inc  
Enamel Products Co  
Engineered Plywood Products  
Eron Mfg Co  
Fox Valley Forge  
Household Patent Co  
Imperial Brass Mfg Co  
Macklanburg-Dunnet Co  
Min-Flex Co  
National Advertising Co  
Newman Brothers Inc  
Ready-Made Sign Co  
Seaspray Porcelain Metals Inc  
Stewart Iron Works Co Inc  
Tennessee Enamel Mfg Co  
Thomas & Association Inc  
Tiffin Art Metal Co  
Turner Brass Works  
Whitehall Metal Studios

#### SILLS & STOODS, METAL

Accurate Metal Weather Strip Co  
Aluminum Co of America  
Donley Brothers  
Fenster Building Products  
Inland Steel Products Co  
Knapp Brothers Mfg Co  
Sonic Steel Co  
Trucon Steel Co  
Wollager Steel Corp

#### SILOS

Caldwell (W E) Inc  
Economy Silo & Mfg Co  
Globe Silos  
Illinois Wire & Mfg Co  
Independent Silo Co  
Kalamazoo Tank & Silo Co  
M & M Woodworking Co Resprod Div  
Nebraska Bridge Supply & Lumber Co  
Bose Mfg Co  
Schlichter (E F) Co Inc  
Twin City Tank Silo & Specialty Co  
Tushla Silo Co  
Willamette Valley Lumber Co

#### SILOS, BUILDING MATERIAL GRAIN & COAL STORAGE

Brady Conveyors Corp  
Dodson Mfg Co Inc  
Harder Silo Co Inc  
Johnson (C S) Co  
Nell & Fry Co

#### SILOS, METAL

James Mfg Co  
Johnson (C S) Co

#### SILOS, PORTABLE

Richkraft Co  
Siskraft Co

#### SINKS, CABINET

AllianceWare Inc  
American Central Div Aero Mfg Corp  
American Radiator & Standard Sanitary Corp  
Berger Mfg Div Republic Steel Corp  
Boro Wood Products Co

Briggs Mfg Co  
Coppes Inc  
Crane Co  
Curtis Coal Inc  
Elgin Store & Oven Div Acme Visible Records  
Inc  
Eljer Co  
Elkay Mfg Co  
Enamel Products Co  
Excel Metal Cabinet Co Inc  
General Electric Co Appliances & Merchandis-  
Dept  
Hotpoint Inc  
IXA Furniture Co  
Kohler Co  
Lyon Metal Products Inc  
Midwest Mfg Co  
Morton Mfg Co Morton Kitchen Cabinet Div  
Mullins Mfg Co  
Murphy Door Bldg Co  
Murray Corp of America  
Mutschler Bros  
Palley Mfg Co  
Paragon Utilities Corp  
Roberts & Mander Corp  
Shirley Corp  
Tracy Mfg Co

#### SINKS, MONEL OR STAINLESS STEEL

Elgin Store & Oven Div Acme Visible Record  
Inc  
Elkay Mfg Co  
Excel Metal Cabinet Co  
General Electric Co  
Houston Blow Pipe & Sheet Metal Works  
International Nickel Co  
Just Mfg Co  
Legion Stainless Sink Corp  
Lyon Metal Products Inc  
Midwest Mfg Co  
Palley Mfg Co  
Paragon Utilities Corp  
Production-Form-Stainless Inc  
Republic Steel Corp  
Richmond Engineering Co  
Roberts & Mander Corp  
Tracy Mfg Co  
Zahner Mfg Co

#### SINKS, PORCELAIN ENAMEL

AllianceWare Inc  
American Central Div Aero Mfg Co  
American Radiator & Standard Sanitary Corp  
Briggs Mfg Co  
Crane Co  
Elgin Store & Oven Div Acme Visible Records  
Inc  
Eljer Co  
Enamel Products Co  
General Ceramics & Steatite Corp Sanitary  
Ware Div  
General Porcelain Enameling & Mfg Co  
Humphreys Mfg Co  
Kohler Co  
Lyon Metal Products Inc  
Midwest Mfg Co  
Morton Mfg Co Morton Kitchen Cabinet Div  
Mullins Mfg Corp  
Murray Corp of America  
Palley Mfg Co  
Paragon Utilities Corp  
Roberts & Mander Corp  
Shirley Corp  
Thor Corp  
Tracy Mfg Co  
Universal Rundle Corp

#### SINKS, VITREOUS CHINA

Abington Potteries Inc  
American Radiator & Standard Sanitary Corp  
Crane Co  
Eljer Co  
Kohler Co  
Richmond Radiator Co  
Mullins Mfg Corp  
Universal-Rundle Corp

#### SIZE, WALL

American Varnish Co  
Armstrong Cork Co  
Borden Co Chemical Div  
Cul-Namel Paint & Varnish Co  
Consumers Glass Co  
Denore & Reynolds Inc  
Elliott Paint & Varnish Co  
Farwell Gorman Kirk & Co  
La Page's Inc  
Lone Brothers Co  
Miner-Hillard Milling Co  
Monsanto Chemical Co Western Div  
Muralis Co Inc  
Paisley Products Inc  
Patent Cevelas Co  
Pittsburgh Plate Glass Co  
Reardon Co  
Reliable Paste & Chemical Co  
Standard Industrial Products Inc  
Tamm Industries Inc  
Trucon Laboratories Div Denore & Reynolds  
Inc  
Vita-Vac Corp  
Weaco Waterpaints Inc

#### SKIDS & PALLETS

Carr & Mechl Co  
Clark Equipment Co Industrial Truck Div  
Etva Products Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67.

Gabriel Steel Co  
Gary Pioneer Steel Corp  
Georgia-Pacific Plywood & Lumber Co  
Johnson Industries Inc  
Lewis-Shepard Products Inc  
Northwood Door & Plywood Sales  
Sutting Truck & Cator Co  
Pittsburgh Steel Products Co  
Service Carter & Truck Co  
Trucon Steel Co Pressed Steel Div  
Union Metal Mfg Co  
West Bend Equipment Corp  
Yale & Towne Mfg Co

#### SKYLIGHTS

American Sheet Metal Works  
Bader Corrugating Co  
Edwards Mfg Co  
Gichner Inc  
Pennsylvania Wire Glass Co  
St Paul Corrugating Co  
Stewart Iron Works  
Tiffin Art Metal Co  
Willis Steel Corp

#### SLATE

North Bangor Slate Co  
Structural Slate Co

#### SLATS, VENETIAN BLIND

Arce Steel Co  
American Rule & Block Co  
Bills Venetian Blind Co  
Evans Products Co  
Jefferson Wood Working Co  
Lewis (G B) Co  
Mackie Venetian Blind Co  
Oshkosh Wood Products Corp  
Overton (S E) Co

#### SLIDES, EXTENSION DRAWER

Knappe & Vogt Mfg Co

#### SNIPS, TINNERS'

Atlas Shear Co  
Bridgport Hardware Mfg Corp  
Peck Shaw & Wilcox Co  
Wiss (J) & Sons Co  
Youngstown Mfg Co Inc

#### SOCKETS, STUDING

Wagner Mfg Co

#### SOCKETS, WIRE ROPE

American Cable Div American Chain & Cable Co Inc  
American Steel & Wire Co  
Boehlins (John A) Sons Co  
Upson-Walton Co

#### SOFTENERS, PUTTY

Barrett (William L) Co  
Fletcher Terry Co  
Glaziers' Tool Mfg Co  
King (E & F) & Co Inc  
Sieleste Mfg Co  
Sullivan Co

#### SOFTENERS, WATER

American Water Softener Co  
Bard Mfg Co  
Calgon Inc  
Crane Co  
Culligan Zeolite Co  
Dayton Pump & Mfg Co  
Dow Chemical Co  
Eglin Softener Corp  
Myers (F E) & Brothers Co  
Olin Co  
Pennsylvania Salt Mfg Co  
Permitt Co  
Solvental Chemical Products Inc

#### SOLDER & MATERIALS

Atkins (E C) & Co  
Chase Brass & Copper Co  
Dixton (Henry) & Sons Inc  
Eagle-Picher Co  
Hanchett Mfg Co  
Inland Steel Products Co  
Kester Solder Co  
King (E & F) & Co Inc  
Lake Chemical Co  
Leak Mfg Co  
Lux-Viel Inc  
National Lead Co  
Sheffield Bronze Paint Corp  
Wayne Chemical Products Co

#### SOLVENT, WOOD

Boyle-Midway Inc

#### SPIKES, CUT

Alan Wood Steel Co  
Bethlehem Steel Co  
Inland Steel Co  
Republic Steel Corp  
Wheeling Corrugating Co

#### SPICERS, WIRE & FENCE

American Steel & Wire Co  
Crescent Tool Co  
Keystone Steel & Wire Co  
Klein (Mathias) & Sons  
Peck Shaw & Wilcox Co

#### SPREADERS, FERTILIZER, LAWN & GARDEN

Buch Mfg Co  
Duggett-Piell Co  
German Seed & Plant Co  
Masters Planter Co  
Midland Co

#### SPREADERS, GLUE

Billstrom (Nels J) Inc  
Black Brothers Co Inc  
Perkins Glue Co  
Standard Paste & Glue Co Inc

#### SPRINGS, DOOR

Accurate Spring Mfg Co  
American Steel & Wire Co  
Fisale Equipment Mfg Co  
Milwaukee Stamping Co  
Parker (R) Hardware Mfg Corp  
Sager-Barrows Lock Works  
Sargent & Co  
Stanley Works  
Wright Products Co

#### SPRINKLERS, AUTOMATIC SYSTEMS

Blaw-Knox Div Blaw-Knox Co

#### SPRINKLERS, LAWN

Adel Precision Products Corp  
Buffalo Sprinkler Co  
Deming Co  
Keystone Brass & Rubber Co  
National Sprinkler Co  
Roll-A-Way Sprinkler Co  
Scott Mfg Co

#### SQUARES, CARPENTER'S

Brown & Sharpe Mfg Co  
Millers Falls Co  
Sargent & Co  
Stanley Tools Div Stanley Works  
Starrett (L S) Co

#### SQUARES, CARPENTER'S, STEEL "T"

Diezgas (Eugene) Co  
Dixton (Henry) & Sons Inc  
Goldblatt Tool Co  
Kuffel & Emer Co  
Sharp's Mfg Co  
Southern Hardware Mfg Co  
Union Tool Co  
Woodmark Industries

#### SQUARES, COMBINATION

Lufkin Rule Co  
Peck Shaw & Wilcox Co  
Stanley Tools Div Stanley Works

#### SQUARES, GLASS CUTTER'S

Fletcher Terry Co  
Glaziers Tool Mfg Co  
Lufkin Rule Co  
Pittsburgh Plate Glass Co  
Sommer & Maca Glass Machinery Co  
Stanley Tools Div Stanley Works

#### STACKERS, LUMBER

American Mfg Co Inc  
Bradley Machine Co Inc  
Broadway Machine Co Inc  
Hyster Co  
Johnson Mfg Co Inc  
Industrial Truck Div Clark Equipment Co  
Renn Carrier Co  
Stamm Brothers Inc

#### STAIN, CONCRETE FLOOR

Empire Varnish Co  
Flexlock Co  
Horn (A C) Co Inc  
Pewee Paint Co Inc  
Smith (J Lee) & Co Inc  
Sullivan Co  
Yankee Industries Inc  
Trucon Laboratories Div Devoe & Reynolds Inc  
Vita-Var Corp  
Wilbur & Williams Co  
Williams (C K) & Co

#### STAIN, SHINGLE

Abesto Mfg Corp  
Alabastine Paint Products Div Chicago  
Brown & Color Works  
American Stained Shingle Co  
American Varnish Co  
Barrett Div Allied Chemical & Dye Co

Berry Brothers Inc  
Boston Varnish Co  
Breinig Brothers Inc  
Briggs-Maroucy Co Inc  
Cabot (Samuel) Inc  
Carbolinum Wood Preserving Co  
Ceresal Chemical Corp  
Chicago Brown & Color Works  
Colonial Cedar Co  
Cros-Dipt Co Inc  
Cuprinol Div Dartworth Inc  
Devoe & Reynolds Inc  
Du Pont (E I) & Nemours & Co  
Elliott Paint and Varnish Co  
Glidden Co  
Horn (A C) Co Inc  
Johnston (W F) Paint Co  
Lowe Brothers Co  
Murphy Paint Div Interchemical Corp  
O'Brien Corp  
Olympic Stained Products Co  
Parker (H) & Sons Co  
Patterson-Sargent Co  
Perma Products Co  
Pittsburgh Plate Glass Co  
Portland Shingle Co  
Pratt & Lambert Inc  
Protocolor Corp  
Sargent-Gerke Co  
Selditta Paint & Varnish Co  
Sherwin-Williams Co  
Standard Industrial Products Inc  
Valentine & Co Inc  
Vita-Var Corp  
Wadsworth Howland & Co  
Weatherbest Corp  
Wetherill (George D) & Co  
Wood Treating Chemicals Co

#### STAIN, VARNISH

Boston Varnish Co  
Devoe & Reynolds Inc  
Elliott Paint and Varnish Co  
Horn (A C) Co Inc  
Lowe Brothers Co  
O'Brien Corp  
Pittsburgh Plate Glass Co  
Selditta Paint & Varnish Co  
Sherwin-Williams Co  
Sieleste Mfg Co  
Valentine & Co Inc  
Vita-Var Corp

#### STAIN, WOOD, OIL

Abesto Mfg Corp  
Barrett Div Allied Chemical & Dye Co  
Boston Varnish Co  
Breinig Brothers Inc  
Cabot (Samuel) Inc  
Chicago Brown & Color Works  
Cros-Dipt Co Inc  
Devoe & Reynolds Inc  
Elliott Paint and Varnish Co  
For Paint Co Inc  
Horn (A C) Co Inc  
Lowe Brothers Co  
Marjetta Paint & Color Co  
O'Brien Corp  
Parker (H) & Sons Co  
Perma Products Co  
Pittsburgh Plate Glass Co  
Pratt & Lambert Co  
Selditta Paint & Varnish Co  
Sherwin-Williams Co  
Standard Varnish Works  
Toch Brothers Inc  
Vita-Var Corp

#### STAIRS, CELLAR, STEEL PREFABRICATED

Bileo Co

#### STAIRS, STEEL

Aircraft Ornamental Iron Co  
Bellco Co  
Bileo Co  
Brewster Iron & Steel Co  
Fiske (J W) Iron Works  
General Bronze Corp  
Grand Rapids Wire Products Co  
Houston Blow Pipe & Sheet Metal Works  
International Steel Co  
Logan Co  
Marco Railways  
Moshier (George L) Steel Corp  
Metal Crafters  
Republic Steel Corp  
St Paul Foundry & Mfg Co  
Smith (F P) Wire & Iron Works  
Stewart Iron Works Co Inc

#### STAIRS, WOOD, MATERIALS FOR

Bradley Lumber Co of Ark  
Carr Adams & Collier Co  
Cole Mfg Co  
Corbett Cabinet Co  
Curtis Cos Inc  
Farley & Looscher Mfg Co  
Huttig Mfg Co  
Huttig Sash & Door Co  
Marquart Millwork Co  
Millwright Distributors Co  
M & M Woodworking Co  
Moran Co  
Morgan Sash & Door Co  
Nickey Brothers Inc

Ponderosa Pine Woodcraft  
Radford Co  
Radford & Sanders Inc  
Rock Island Millwork Co  
Soudaker (Frank C) & Co  
Spokane Sash & Door Co  
Western Pine Association  
Wheeler Osgood Co

#### STAIRWAY, DISAPPEARING

Bessler Disappearing Stairway Co  
Craig Wood Products Co  
Farley & Looscher Mfg Co  
Foldaway Stairway Co Inc  
Marco Railways  
Marochi Co  
Minnesota Wood Specialties Inc  
Newark Ladder & Brackets Co  
Precision Parts Corp  
Roach & Musser Co  
Web-Bill Products Co

#### STAMPS, TIME

Follett Time Recording Co  
Joulin (A D) Mfg Co  
Smith (E H) Mfg Co

#### STANDARDS, SELF ADJUSTABLE

Abco Mfg Co  
Garden City Plating & Mfg Co  
Hirsch (S A) Mfg Co  
Knappe & Vogt Mfg Co  
Reactor Hardware Corp  
Wilmar Metal Products

#### STAPLERS & STAPLES

Arce Staple Co  
American Steel & Wire Co  
Arrow Fastener Co  
Atlas Tack Corp  
Bethlehem Steel Co Inc  
Bostitch Inc  
Brewer Mfg Co  
Burgess Fastening Co  
Coco Steel Products Corp  
Columbia Steel Co  
Consolidated Wire Products  
Continental Steel Corp  
Copperweld Steel Co  
Crofoot (J B) Co  
Fastener Corp  
Fit-Tex Insulating Board Co  
Francis Mfg Co  
Gerrard (A J) & Co  
Hansen (A L) Mfg Co  
Hillwood Mfg Co  
Hochkins (E H) Co  
Jones & Langhill Steel Corp  
Keystone Steel & Wire Co  
Larson (Charles D) Co  
Mid-State Steel & Wire Co  
National Mfg Co  
National Screw & Mfg Co  
Nichols Wire & Aluminum Co  
Northwestern Steel & Wire Co  
Remington Rand Inc  
Republic Steel Corp  
Sarasac Machine Co  
Sargent & Co  
Sheffield Steel Corp  
Shelton Tack Co  
Tennessee Coal Iron & Railroad Co  
Wheeling Corrugating Co  
Wickwire Brothers

#### STAPLES, METAL FURRING OR LATH

American Steel & Wire Co  
Bethlehem Steel Co  
Coco Steel Products Corp  
Continental Steel Corp  
Keystone Steel & Wire Co  
Pittsburgh Steel Products Co  
Wheeling Corrugating Co

#### STARTERS, MOTOR

General Electric Co Apparatus Dept

#### STAYS, FENCE

American Steel & Wire Co  
Coco Steel Products Corp  
Keystone Steel & Wire Co  
Mid-State Steel & Wire Co

#### STAYS, WINDOW

Alr-Tite Window Stay Co  
Hart Sash Holder Co  
Ideal Brass Works Inc  
Mallard Products Inc  
Rockford Sash Holder, Inc  
Sargent & Co  
Vikre (J N) Co

#### STEEL, CONCRETE REINFORCING

American Steel & Wire Co  
Bethlehem Steel Co  
Carnegie-Illinois Steel Corp  
Coco Steel Products Corp  
Continental Steel Corp  
Coco Steel & Engineering Co  
Inland Steel Products Co  
International Steel Co  
Keystone Steel & Wire Co  
Northwestern Steel & Wire Co  
Perry Metal Co Inc  
Pittsburgh Steel Products Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67.

**TRUSS**  
 Republic Steel Co  
 Soule Steel Co  
 Stelcraft Mfg Co  
 Tennessee Coal, Iron & Railroad Co  
 Truscon Steel Co  
 U. S. Gypsum Co  
 Westinghouse Corrugating Co  
 Wickwire Spenser Steel Div Colorado Fuel & Iron Corp

**STEEL, MASONRY WALL REINFORCING**  
 Cedar Rapids Block Co Dur-O-Wal Div

**STEEL, STRUCTURAL, MISC. SHAPES, ETC.**

Alabama Metal Lath Co  
 Allen Steel Products  
 Bethlehem Steel Co Inc  
 Boswick Steel Lath Co  
 Carnegie-Illinois Steel Corp  
 Commercial Shearing & Stamping Inc  
 Capco Steel & Engineering Co  
 Decatur Iron & Steel Co  
 Donley Brothers Co  
 Great Lakes Steel Corp (Iran-Steel Div)  
 Inland Steel Products Co  
 International Steel Co  
 Macomber Inc  
 Rigidized Metals Corp  
 St Paul Foundry & Mfg Co  
 Steele Steel Co  
 Tennessee Coal Iron & Railroad Co  
 Truscon Steel Co

**STEPS, SAFETY LADDER**

Campbell (A S) Co Inc  
 O'Neil (Carl W) Associates Inc

**STEPS, MANHOLE**

Donley Brothers Co

**STOKERS**

Airtemp Div Chrysler Motors  
 American Engineering Co  
 Anchor Div Stratton & Terstegge Co Inc  
 Anchor Stone & Range Co  
 Auburn Foundry Inc  
 Brownell Co  
 Coal-O-Matic Stoker Co  
 Combustioner Div Steel Products Engineering Co  
 Conco Engineering Works Div Conkey (H D) Co  
 Crane Co  
 DeLoe Appliance Div General Motors Corp  
 Dowagiac Steel Furnace Co  
 Econ-O-Col Stoker Div Cotta Transmission Co  
 Eddy Stoker Corp  
 Electric Furnace-Man Inc  
 Hess Warming & Ventilating Co  
 Fairbanks Morse & Co  
 Freeman Stoker Div Illinois Iron & Bolt Co  
 Hershey Machine & Foundry Co  
 Holcomb & Hoke Mfg Co  
 Holland Furnace Co  
 Illinois Iron & Bolt Co  
 Iron Fireman Mfg Co  
 Kol-Master Corp  
 National Coal Association  
 Peckham Mfg Corp  
 Peachontas Fuel Co  
 Red Jacket Coal Sales Co  
 Rivers Mfg Co  
 Schwitzer-Cummins Co  
 Sinker-Davis Co  
 Smith (A O) Corp  
 Steel Products Engineering Co  
 Stokel Stoker Co Inc  
 U S Machines Corp  
 Viking Mfg Corp  
 Westinghouse Electric Corp  
 Whiting Corp  
 Will-Burt Co

**STOKERS, COKE**

Bryant Heater Div Affiliated Gas Equipment Inc

**STONE, CRAB ORCHARD**

Crab Orchard Stone Co

**STONE, GRANITE**

Fletcher (H E) Co  
 National Building Granite Quarries Association Inc  
 North Carolina Granite Corp

**STONE, LAMONN**

Conco Building Products Inc  
 Hrosky Lamm Stone Service  
 Wisconsin Lamm Stone Corp

**STONE, LIMESTONE**

Bloomington Limestone Co  
 Briar Hill Stone Co  
 Crane Co Inc  
 Conco Building Products Inc  
 Corran (G & W H) Inc  
 Indiana Limestone Co Inc  
 Menke Stone & Lime Co  
 Monon Stone Co  
 National Lime & Stone Co  
 Sore Headley Stone Co  
 Taylor Stone Co  
 Wisconsin Lamm Stone Corp  
 Woelery Stone Co Inc

**STONE, MARBLE**

American Block Granite Co  
 Bauer (Frank F) Marble Co  
 Briar Hill Stone Co  
 Fivale Equipment Mfg Co  
 Marble Institute of America Inc  
 Schlichter (P M & W) Inc  
 Universal Form Clamp Co

**STONE, SANDSTONE**

Cleveland Quarries Co  
 Taylor Stone Co

**STONE, SYNTHETIC**

Formstone Co  
 Perma Stone Co  
 Steedfast Stone & Brick Corp  
 Stonekote Corp

**STONES, RUBBING**

American Emery Wheel Works  
 Norton Co  
 Simonds Abrasive Co Div Simonds Saw & Steel Co  
 Sterling Grinding Wheel Div Cleveland Quarries Co  
 Kerco Products Co

**STOOLS, WINDOW, LAMINATE COVERING**

Fenn Supply & Metal Corp

**STOPPERS, SINK**

Columbus Plastic Products Inc  
 Kampa Mfg Co  
 No-Bell Plastics Corp Inc  
 Schable Co  
 U S Rubber Co

**STOPS, GALVANIZED**

Fenn Supply & Metal Corp

**STRAIGHTEDGES**

Atkins (F C) & Co  
 Brown & Sharpe Mfg Co  
 Dietzgen (Engers) Co  
 Glanzers Tool Mfg Co  
 Keuffel & Esser Co  
 Red Devil Tools  
 Ridgely Trimmer Co

**STRAINERS, LEAVE TROUGH**

Alabama Metal Lath Co  
 Badger Corrugating Co  
 Barrett Div Allied Chemical & Dye Corp  
 Berger Mfg Div Remuhle Steel Corp  
 Brown & Sharpe Mfg Co  
 Ceco Steel Products Corp  
 Chase Bram & Copper Co  
 Donley Brothers  
 Edwards Mfg Co  
 Inland Steel Products Co  
 Mid-States Steel & Wire Co  
 Northwest Metal Products Inc  
 Penn Supply & Metal Corp  
 Solbeck Inc  
 U S Sifter Filter Mfg Co  
 Wheeling Corrugating Co  
 Williams-Wallace Co  
 Zurn (J A) Mfg Co

**STRAINERS, SEWER PIPE**

American Vittrified Products Co  
 Donley Brothers  
 Evans Pipe Co  
 Kewanee Mfg Co  
 Majestic Co  
 Robinson Clay Product Co  
 Universal Sewer Pipe Corp  
 Vestal Stone Co  
 Zurn (J A) Mfg Co

**STRAINERS, SINK**

American Radiator & Standard Sanitary Corp  
 American Sanitary Mfg Co  
 Crane Co  
 Eljer Co  
 Gonder Paschke & Fry Co  
 International Nickel Co Inc  
 Kohler Co  
 National Enameling & Stamping Co  
 Rechable Co  
 Scovill Mfg Co

**STRAPPERS**

Acme Steel Co  
 Bralnard Steel Co  
 Gerrard (A J) & Co  
 Gerrard Steel Strapping Co  
 Sharon Steel Co  
 Signode Steel Strapping Co

**STRAPPING STEEL**

Acme Steel Co  
 Bralnard Steel Co  
 Gerrard (A J) & Co  
 Gerrard Steel Strapping Co  
 Independent Metal Strap Co Inc  
 Payne Co  
 Bobblings (John A) Sons Co

Sharon Steel Co  
 Signode Steel Strapping Co  
 West Leeburg Steel Co

**STRETCHERS, SCREEN WIRE**

Fastener Corp  
 Maskwell Mfg Co

**STRIPERS, PAINT**

Ridgely Trimmer Co  
 Sharpe Mfg Co

**STRIPPERS, WIRE**

Rockford Wire Stripper Co

**STRIPS, CORRUGATED FILLER**

Fabricated Products Co  
 Serviced Products Corp

**STRIPS, DIVIDING**

Chase Bram & Copper Co  
 Manhattan Terrazzo Brass Strip Div Inc

**STRIPS, FILLER ASPHALT**

Fabricated Products Co  
 Serviced Products Corp

**STRIPS, SEALING**

Keller Products

**STUCCO**

Coddington (E D) Mfg Co  
 Colorcrete Industries Inc  
 Ohio Hydrate & Supply Co  
 Penn Crete Products Co

**STUCCO, PRE-MIXED**

Blue Diamond Corp  
 Celstex Corp  
 Louisville Cement Co  
 National Mortar & Supply Co  
 U S Gypsum Co  
 Woodville Lime Co

**SUNDIALS, CAST BRONZE**

Clinton Lock Co  
 Colonial Brass Co  
 Ereo Mfg Co  
 Fiske (J W) Iron Works  
 Fivale Equipment Mfg Co  
 Newman Brothers Inc  
 Standard Bronze Co  
 Turner Brass Works

**SURROUNDS, WINDOW, STEEL**

Inland Steel Products Co  
 Truscon Steel Co

**SWAGES & SWAPPERS, SAW**

Atkins (E C) & Co  
 Diston (Henry) & Sons Inc  
 Hanchett Mfg Co  
 Hubber Brothers Saw Mfg Co Inc

**SWITCHES, ELECTRIC**

Arrow-Hart & Hogeman Electric Co  
 Bryant Electric Co  
 Bulldog Electric Co  
 Culler-Hammer Inc  
 Federal Electric Products Co  
 General Electric Co Construction Materials Dept  
 General Switch Corp  
 Hubbell (Harvey) Inc  
 Micro Switch Corp  
 Pass & Seymour Inc  
 Westinghouse Electric Corp

**SWITCHES, MERCURY**

Minneapolis-Honeywell Regulator Co

**SWITCHES, TIME, AUTOMATIC**

Paragon Electric Co  
 Samuel Time Control Inc  
 Turk Clock Co Inc

**SYSTEMS, DUST COLLECTION**

American Blower Corp  
 American Wheelabrator & Equipment Co  
 Chase Turbine Mfg Co  
 Connecticut Blower Co  
 Detroit Sheet Metal Works  
 Houston Blow Pipe & Sheet Metal Works  
 Howell (R R) Co  
 Kirk & Blum Mfg Co  
 St Louis Blow Pipe & Heater Co  
 Westinghouse Electric Corp Sturtevant Div

**SYSTEMS, GARAGE, GAS REMOVAL**

National System Garage Ventilation

**SYSTEMS HEATING BASEBOARD**

American Radiators & Standard Sanitary Corp  
 Burnham Co Boiler Div  
 Crane Co  
 Minilite Co  
 Neeloh (John J) Inc  
 Utica Radiator Corp  
 Webster (Warren) & Co

**SYSTEMS, HEATING, HOT WATER OR STEAM**

Airtemp Div Chrysler Corp  
 Aldrich Co  
 American Radiator & Standard Sanitary Corp Bell & Gossett Co  
 Brower Mfg Co  
 Brownell Co  
 Bryant Heater Div Affiliated Gas Equipment Inc  
 Burnham Co Boiler Div  
 Century Engineering Corp  
 Cleveland Steel Products Co  
 Crane Company  
 DeLoe Appliance Div General Motors Corp  
 Fairbanks Morse & Co  
 Fitzgibbons Boiler Co  
 General Electric Co Air Conditioning Dept  
 General Fittings Co  
 Gilbert & Barker Mfg Co  
 Hedges-Walsh-Woodner Div Combustion Engineering Superheater Inc  
 Heil Company  
 Hotstream Heater Co  
 Institute of Boiler & Radiator Mfrs  
 International Heater Co  
 Johnson (S T) Co  
 Kautzline Co Inc  
 Kewanee Boiler & Mfg Co  
 Kohler Co  
 Little (H C) Turner Co  
 Lookout Boiler & Mfg Co  
 Looming-Spencer Div Aeco Mfg Corp  
 Modine Mfg Co  
 Mueller (L J) Furnace Co  
 Munroe (H) & Sons Mfg Corp  
 Murray (D J) Mfg Co  
 National Radiator Co  
 Norge Heat Div Borg-Warner Corp  
 Orlitz Co  
 Penn Boiler & Burner Mfg Corp  
 Perairo Mfg Corp  
 Richmond Radiator Co  
 Scott-Newcomb Inc  
 Seattle Boiler Works  
 Spencer Looming Div Aeco Mfg Corp  
 Surface Combustion Corp  
 Taco Heaters Inc  
 Thruash (H A) Co  
 Timken Silent Automobile Div Timken Dept Axle Co  
 Trapp Company  
 Trigrler Heating Specialties Co  
 U S Radiator Corp  
 Ultra Radiator Corp  
 Waterline Boilers Inc  
 Wayne Home Equipment Co  
 Webster (Warren) & Co  
 Mid-Bar Co  
 Williams Oil-O-Matic Div Eureka-Williams Co  
 York-Shipley Inc

**SYSTEMS, HEATING, RADIANT**

Bell & Gossett Co  
 Bryant Heater Div Affiliated Gas Equipment Inc  
 Cancellation Sewer Pipe Co  
 Chase Bram & Copper Co  
 General Electric Co Air Conditioning Dept  
 Mueller Brass Co  
 Reverse Copper & Brass Co  
 Surface Combustion Corp  
 Taco Heaters Inc  
 Thruash (H A) & Co  
 Utica Radiator Corp

**SYSTEMS, HEATING RADIANT PANELS**

Continental Radiant Glass Heating Corp  
 Mueller Brass Co  
 Scott-Newcomb Inc

**SYSTEMS, HEATING, WARM AIR**

Airtemp Div Chrysler Corp  
 American Gas Machine Co  
 American Radiator & Standard Sanitary Corp  
 Anchor Div Stratton & Terstegge Co Inc  
 Bryant Heater Div Affiliated Gas Equipment Inc  
 Chicago Down Draft Furnace Co  
 Coleman Co Inc  
 Conco Engineering Works Div Conkey (H D) Co  
 Corvair Heater Corp  
 Crane Company  
 Detroit-Michigan Stone Co  
 Duo-Therm Div Motor Wheel Corp  
 Estate Stone Co Div Noma Electric Co  
 Evans Products Co  
 Exevler Stone & Mfg Co  
 Fairbanks Morse & Co  
 Fine Heat Div Anchor Post Products Inc  
 Fox Furnace Co  
 General Electric Co Air Conditioning Dept  
 Getz (H R) & Co  
 Gilbert & Barker Mfg Co  
 Henry Furnace Co  
 Hoffman Specialty Co  
 Holland Furnace Co  
 Holly Mfg Co

**List of Manufacturers' Names With Complete Addresses Starts on Page D-67.**

Ingersoll Steel Div Borg-Warner Corp  
International Heater Co  
Iron Firms Mfg Co  
Jackson & Church Co  
Kresky Mfg Co Inc  
Leake Store Co  
Lennox Furnace Co  
Little (H C) Burner Co  
Majestic Co  
Morrison Steel Products Inc  
Muehler (L J) Furnace Co  
Murray (D J) Mfg Co  
National Warm Air Heating & Air Conditioning Association  
Norge-Heat Div Borg-Warner Corp  
Norman Products Co  
Northwest Metal Products Inc  
Oakland Foundry Co  
Payne Furnace & Supply Co  
Penn Boiler & Burner Mfg Co  
Perriso Mfg Corp  
Quiet Automatic Burner Corp  
Remor Mfg Co  
Round Oak Co  
Surface Combustion Corp  
Viking Mfg Corp  
Wayne Home Equipment Co  
Wheeling Furnace Corp  
Will-Burt Co  
Williams Oil-D-Matic Div Eureka-Williams Corp  
Williamson Heater Co  
York-Shipley Inc

#### SYSTEMS, INTER-COMMUNICATING

Ash Electrical Specialty Co Inc  
Connecticut Telephone & Electric Div Great American Industries  
Couch (S B) Co  
Edwards Co Inc  
Ereestone Co  
Kelllogg Switchboard & Supply Co  
Operadio Mfg Co  
Pillon Corp  
Phone Craft Co  
Resland Corp  
Select-6-Phone Co Div Screw Machine Products Co  
Sporti Faraday Inc  
Talk-A-Phone Mfg Co  
U S Instrument Co Inc  
Webster Electric Co

#### SYSTEMS, WATER SUPPLY

Aermotor Co  
Aurora Pump Co  
Baker Mfg Co  
Barnes Mfg Co  
Chicago Pump Co  
Construction Machinery Co  
Crane Company  
Decton Pump & Mfg Co  
Dectur Pump Co  
Delco Appliance Div General Motors Corp  
Deming Co  
Dempsler Mill Mfg Co  
Eberle Pump & Mfg Co Inc  
Fairbanks Morse & Co  
Flint & Walling Mfg Co  
Gardner-Denver Co  
Gorman-Rupp Co  
Goulds Pump Inc  
Hill Company  
Hudson (H D) Mfg Co  
Hummer Mfg Co  
Hypro Engineering Inc  
Jacuzzi Brothers Inc  
Lancaster Pump & Mfg Co  
McDonald (A Y) Mfg Co  
Myers (F E) & Brothers Co  
Olinx Co  
Pioneer Gen-E-Motor Corp  
Pomona Pump Co  
Red Jacket Mfg Co  
Robbins & Myers Inc  
Saco-Lowell Shoes  
Wayne Home Equipment Co  
Worthington Pump & Machinery Corp

#### SYSTEMS, WIRING, REMOTE CONTROL

General Electric Co Construction Materials Dept

#### SYSTEMS & FORMS, BUSINESS

Acme Visible Records Inc  
Diebold Co Inc  
Eary Register Co  
International Business Machines Corp  
McCaskey Register Co  
Moore Business Forms Inc  
National Cash Register Co  
Remington Rand Inc  
Standard Register Co  
Tallman Robbins & Co  
TABCO Inc  
Visi-record Inc

#### TABLES, DRAFTING

Hamilton Mfg Co  
Kruel & Ewer Co  
Kinsua Pipe Mills Co  
Lyon Metal Products Inc  
Pust (Friedrick) Co  
Smith (B E) Co

#### TABLES, SAW

Porter Cable Machine Co  
Sales Service Machine Tool Co

#### TABLES, STEEL

Euclydo Div Aurora Equipment Co  
Heller (W C) & Co  
Heyer Sales Co  
Lyon Metal Products Inc  
Remington Rand Inc  
Universal Steel Equipment Corp

#### TACKERS, AUTOMATIC

Acme Staple Co  
Acme Steel Co  
Bostitch Inc  
Burgess Fastening Co  
Crofoot (J B) Co  
Fastener Corp  
Gladders Tool Mfg Co  
Hansen (A L) Mfg Co  
Hitchhiker (E B) Co  
Markwell Mfg Co Inc  
Red Devil Tools  
Suzanne Machine Co  
Spotnails Inc

#### TACKERS, HAMMER

Bostitch Inc

#### TACKS

American Steel & Wire Co  
Atlas Tack Corp  
Chase Brass & Copper Co  
Columbia Steel Co  
Hillwood Mfg Co  
Independent Nail & Packing Co  
Sheffield Steel Corp  
Shelton Tack Co  
Snel-Jones Tack Corp  
Suzanne Coal Iron & Railroad Co  
Waterbury Tack Co

#### TAMPERS

Dalton Foundries Inc  
Storts (John) & Sons  
Woodman-Vernon Tool Works

#### TANKS, FUEL OIL & GAS STORAGE

Black Sivalis & Bryson Inc  
Price Fireplace Heater & Tank Corp  
San-Equip Inc

#### TANKS, HOT WATER, HEATING SYSTEM

Bell & Gossett Co

#### TANKS, SEPTIC, CLAY

American Vitrited Products Co  
Cannellon Sewer Pipe Co  
Denver Sewer Pipe & Clay Co  
Dickey (W S) Clay Mfg Co  
Evans Pipe Co  
Kaul Clay Mfg Co  
Lehigh Sewer Pipe & Tile Co  
National Clay Pipe Mfrs Inc  
Robinson Clay Products Co  
Sealton Products Inc  
Strator Drain Tile Co  
What Cheer Clay Products Co

#### TANKS, SEPTIC, STEEL

Armo Drainage & Metal Products Inc  
Beall Pipe & Tank Corp  
Butler Mfg Co  
Dempsler Mill Mfg Co  
Donley Brothers  
Ingersoll Iron Works Co  
Price Fireplace Heater & Tank Corp  
Richmond Engineering Co  
San-Equip Inc  
Stover Steel Tank & Mfg Co  
Union Mfg Co

#### TANKS, SEPTIC, WOOD

Butler Mfg Co  
Fishel Lumber Co  
Johnson & Carlson  
Uniflow Mfg Co  
U S Challenge Co  
Weyerhaeuser Sales Co

#### TANKS, STORAGE, STEEL

Aermotor Co  
American Steel Works  
Armo Drainage & Metal Products Inc  
Beall Pipe & Tank Corp  
Butler Mfg Co  
Dempsler Mill Mfg Co  
Edwards Mfg Co  
Farwell Gorman Kirk & Co  
Hill Company  
Houston Blow Pipe & Sheet Metal Works  
La Crose Steel Roofing & Corrugating Co  
Mantowice Ship Building Co  
National Tube Co U S Steel Corp Sub  
Oakes Mfg Co  
Richmond Engineering Co  
St Paul Foundry & Mfg Co  
Schlichter (E F) Co Inc  
Seattle Boiler Works  
Siebring Mfg Co  
Stover Steel Tank & Mfg Co  
Wayne Home Equipment Co

#### TANKS, STORAGE, WOOD

Aggator Co  
Atlantic Tank Corp  
Baltimore Coppage Tank & Tower Co  
Dempsler Mill Mfg Co  
Economy Ribs & Mfg Co  
Fishel Lumber Co  
Johnson & Carlson  
New England Tank & Tower Co  
Pacific Wood Tank Corp  
Price Fireplace Heater & Tank Corp  
Schlichter (E F) Inc  
Union Lumber Co  
U S Challenge Co

#### TAPE, FILTER, DRAIN TILE

Ric-Wil Co

#### TAPE, INSULATING

Ruberoid Co

#### TAPE, MASKING

Goodrich (B F) Co  
International Plastic Corp  
Minnesota Mining & Mfg Co  
Pittsburgh Plate Glass Co

#### TAPE, PIPE, JOINT, ASBESTOS

Ball Mountain Co

#### TAPE, PLASTIC

Mortell (J W) Co

#### TAPE, WALLBOARD JOINT

Certain-Led Products Corp  
Economy Bias Binding Co  
National Gypsum Co  
Ransburg Co Inc  
Reardon Co  
Tammis Industries Inc  
U S Gypsum Co  
Wesco Waterpaints Inc

#### TAPE, WATERPROOF, WALLBOARD

Upsen Co

#### TAPES, MEASURING

Chicago Steel Tape Co  
Dietacon (Eugene) Co  
Economy Novelty & Printing Co  
Kreftel & Ewer Co  
Lufkin Rule Co  
Master Rule Mfg Co Inc  
Parliarian Novelty Co  
Roe (Justin) & Sons  
Sawyer (L S) Co  
Union Tool Co  
White (David) Co

#### TAR, LIQUID

Barrett Div Allied Chemical & Dye Co  
Horn (A C) Co Inc  
Koppers Co Inc  
Reilly Tar & Chemical Corp  
Tuffalt Inc

#### TAR, PITCH

American Asphalt Roof Co  
Barrett Div Allied Chemical & Dye Co  
Bird & Son Inc  
Cabot (Samuel) Inc  
Flintstone Co  
Johns-Manville Corp  
Koppers Co Inc  
Reilly Tar & Chemical Corp  
Ruberoid Co

#### TARPAULINS

American Tent & Awning Co  
Angier Corp  
Benis Brothers Bag Co  
Canvas Products Co  
Canvas Specialty Co  
Clifton Mfg Co  
Couch Brothers Mfg Co  
Daniels (C E) Inc  
Goodrich (B F) Co  
New York Drop Cloth Mfg Co  
Richcraft Co  
Standard Awning Co  
Stanley (William W) Co Inc  
Tucker Duck & Rubber Co  
U S Tent & Awning Co  
Werner Canvas Products Co

#### TARPAULINS, WATERPROOFED

Acorn Canvas Co  
Astrup Co  
Berg (F O) Co  
Fulton Bag & Cotton Mills Inc  
Wheat (E) Tent & Duck Co

#### TEMPLATES, ARCHITECTURAL DRAFTING

Timely Products Co

#### TERRA COTTA, ARCHITECTURAL

American Terra Cotta Corp  
Federal Seaboard Terra Cotta Corp  
Northwest Terra Cotta Corp  
Pacific Clay Products Co  
Washington Brick & Lime Co

#### TRIMMERS, CHIMNEY & STOVE PIPE

Allen Steel Products  
Cannellon Sewer Pipe Co  
Dickey (W S) Clay Mfg Co  
Donley Brothers  
Hovey Brick Works  
Inland Steel Products Co  
Kaul Clay Mfg Co  
Kowans Mfg Co  
Majestic Co  
National Clay Pipe Mfrs Inc  
Pacific Clay Products  
Robinson Clay Product Co  
Washington Brick & Lime Co

#### TRIMMER, PAINT

Alabastine Paint Products Div Chicago Brown & Color Works  
American Marietta Co  
American Varnish Co  
Berry Brothers Inc  
Breinig Brothers Inc  
Chl-Namel Paint & Varnish Co  
Colorado Paint Co  
Devoe & Reynolds Inc  
Eagle-Picher Co  
Elliott Paint & Varnish Co  
Elroy Naval Stores Co  
Forman-Ford & Co  
Gillispie Varnish Co  
Glidden Co  
Globe Paint Works Inc  
Gordon (George C) Chemical Co  
Gray (William S) & Co  
Harrison Paint & Varnish Co  
Horn (A C) Co  
Low Brothers Co  
Passive-Gaulbert Paint & Varnish Co  
Rast-Koto Inc  
Rockford Paint Mfg Co  
Standard Industrial Products Inc  
Valentine & Co Inc

#### TRHEADERS, PIPE

American Die & Tool Co Inc  
Beaver Pipe Tools Inc  
Lanthe Machine Co  
Nye Tool Co  
Ridge Tool Co  
Toledo Pipe Threading Machine Co

#### THRESHOLDS, METAL & PLASTIC

Accurate Metal Weatherstrip Co  
Allmetal Weatherstrip Co  
Aluminum Co of America  
American Brass Co  
American Mason Safety Tread Co  
Alber Mfg Co  
Braun (J G) Co  
E & T Metals Co  
Eco Steel Products Corp  
Chamberlin Co of America Inc  
Chase Brass & Copper Co  
Dectur Iron & Steel Co  
Devoite Inc  
Dennis (W J) & Co  
Donley Brothers  
Dorbin Metal Strip Mfg Co  
Eren Mfg Co  
Kawner Co  
Logan Co  
Marklanburg-Duncan Co  
Majestic Co  
Master Metal Strip Service Co  
Metal Crafters  
Monarch Metal Weatherstrip Corp  
National Guard Products Inc  
Newman Brothers Inc  
Proter Weatherstrip Mfg Co  
Rehms Mfg Co  
Sargent & Co  
S & W Moulding Co  
Weatherproof Products Corp  
Werner (B D) Co Inc  
Woolter Products Inc  
Youngstown Mfg Inc

#### THRESHOLDS, WOOD

Arts, Plywood & Veneer Co  
Bradford Lumber Co of Ark  
Bruce (E L) Co  
Carr Adams & Collier Co  
Cole Mfg Co  
Farley & Lotzinger Mfg Co  
Front Lumber Industries Inc  
Greeg & Son Inc  
Niskey Brothers Inc  
Rock Island Millwork Co  
Sillmerag (George J.) & Sons Co

#### TIES, CONCRETE FORM

Bethlehem Steel Co  
Dayton Suro-Grip & Shure Co  
Gates & Son Inc  
Goldsmith Metal Lath Co  
M & M Wire Clamp Co  
Richmond Screw Anchor Co Inc  
Sommer Metalcraft Corp  
Star Expansion Products Co Inc  
Universal Form Clamp Co  
Williams Form Engineering Corp  
Winn & Industries

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

**TIES, WALL**

Allen Steel Products  
 Badger Corrugating Co.  
 Bethlehem Steel Co.  
 Rustwick Steel Lath Co.  
 Two Steel Products Corp.  
 Cedar Rapids Brick Co Dur-O-Wal Div.  
 Chase Brass & Copper Co.  
 Copperwell Steel Co.  
 Cover Steel & Wire Co.  
 Dunley Brothers  
 Gary Pioneer Steel Corp.  
 Goldsmith Metal Lath Co.  
 Inland Steel Products Co.  
 Kees (F I) Mfg Co.  
 Kenmore Mfg Co.  
 Klauer Mfg Co.  
 La Cross Steel Roofing & Corrugating Co.  
 M & M Wire Clamping Co.  
 Northwest Metal Products Inc.  
 Reeves Steel & Mfg Co.  
 St Paul Corrugating Co.  
 Sommer Metalcraft Corp.  
 Southern States Iron Roofing Co.  
 Star Expansion Products Co Inc.  
 Trueson Steel Co.  
 U S Gypsum Co.  
 Universal Form Clamp Co.  
 Wheeling Corrugating Co.

**TIES, WALL & COLUMN, WIRE MESH**

Geo Steel Products Co.  
 Goldsmith Metal Lath Co.  
 Penn Metal Co Inc.  
 Richmond Screw Anchor Co.  
 Sommer Metalcraft Corp.  
 Trueson Steel Co.  
 Universal Form Clamp Co.  
 Wheeling Corrugating Co.  
 Williams Form Engineering Corp.

**TILE, ACIDPROOF**

Harbison-Walker Refractories Co.  
 Metco Refractories Co.  
 National Tile & Mfg Co.  
 Robinson Clay Products Co.  
 Stark Brick Co.  
 Tile-Text Div Flintkote Co.

**TILE, CERAMIC**

Acme Brick Co.  
 Adel Clay Products Co.  
 Arctex Ceramic Corp.  
 American-Olean Tile Co.  
 Hingham Brick Co.  
 Cambridge Tile Mfg Co.  
 Charleston Clay Products Co.  
 Chicago Fire Brick Co.  
 Claycraft Co.  
 Denver Sewer Pipe & Clay Co.  
 Elgin-Standard Brick Mfg Co.  
 General Shale Products Corp.  
 Hoeking Valley Brick Co.  
 Hope Brick Works  
 Humphrey Brick & Tile Co.  
 Interstate Brick Co.  
 Kalo Brick & Tile Co.  
 Metropolitan Brick Inc.  
 National Fireproofing Corp.  
 National Tile & Mfg Co.  
 Ochs (A C) Brick & Tile Co.  
 Pacific Clay Products Co.  
 Peoria Brick & Tile Co.  
 Red River Valley Brick Corp.  
 Robertson Mfg Co.  
 Rockford Brick & Tile Co.  
 Sheffield Brick & Tile Co.  
 Sheridan Press Brick & Tile Co.  
 Sparta Ceramic Co.  
 Standard Brick & Tile Co.  
 Structural Clay Products Institute.  
 Stylon Corp.  
 Summit Pressed Brick & Tile Co.  
 Texas Brick Co.  
 Tile Council of America  
 United Materials & Richmond Brick Co Ltd.  
 Verdigra Valley Vitrefied Brick & Tile Co.  
 Yankee Hill Brick Mfg Co.

**TILE, DRAIN**

Acme Brick Co.  
 Adel Clay Products Co.  
 American Vitrefied Products Co.  
 Canton Sewer Pipe Co.  
 Chehalis Brick & Tile Co.  
 Chicago Fire Brick Co.  
 Clay City Pipe Co.  
 Columbia Brick Works.  
 Columbia Pipe Co.  
 Concrete Products Corp.  
 Denver Sewer Pipe & Clay Co.  
 Dickey (W S) Clay Mfg Co.  
 Evans Pipe Co.  
 Graystone Concrete Products Co.  
 Great Falls Brick Co.  
 Hancock Brick & Tile Co.  
 Humboldt Brick & Tile Co.  
 Kalo Brick & Tile Co.  
 Kingsland Clay Products Co.  
 Lehigh Sewer Pipe & Tile Co.  
 National Clay Pipe Mfrs Inc.  
 Pacific Clay Products  
 Robinson Clay Products Co.  
 Rockford Brick & Tile Co.  
 Sheffield Brick & Tile Co.  
 Sheridan Press Brick & Tile Co.  
 Stryker Drain Tile Co.  
 Texas Brick Co.  
 Universal Sewer Pipe Co.  
 What Cheer Clay Products Co.  
 Yankee Hill Brick Co.

**TILE, FLOOR, ASPHALT**

Armstrong Cork Co.  
 Curry (Phillips) Mfg Co.  
 Congoleum-Nairn Inc.  
 Duraflex Corp.  
 Flintkote Co.  
 Fremont Rubber Co.  
 Hachmeister Inc.  
 Hood Rubber Div Goodrich (B F) Co.  
 Johns-Manville Corp.  
 Kentile Inc.  
 Mastie Tile Corp of America.  
 Rosdale Building Products Corp.  
 Slocum-Blahon Corp.  
 Thomas Moulding Floor Mfg Co.  
 Tile-Text Div Flintkote Co.  
 Uvalde Rock Asphalt Co.  
 Williams Products Co Inc.

**TILE, FLOOR, CORK**

Armstrong Cork Co.  
 Lodge Cork Co Inc.

**TILE, FLOOR, LINOLEUM**

Armstrong Cork Co.

**TILE, FLOOR, PLASTIC**

Armstrong Cork Co.  
 Johns-Manville Corp.  
 Stylon Corp.  
 U S Stoneware Co.

**TILE, FLOOR, PLASTIC, ASBESTOS**

Acorn Plastic Engineers Inc.  
 Johns-Manville Corp.

**TILE, FLOOR, RUBBER**

American Rubber Co.  
 American Tile & Rubber Co.  
 Armstrong Cork Co Building Materials Div.  
 Beatty Wear Rubber Co Inc.  
 Danbury Rubber Co.  
 Fremont Rubber Co.  
 Goodrich (B F) Co.  
 Goodyear Tire & Rubber Co Inc.  
 Hood Rubber Div Goodrich (B F) Co.  
 Johnson Industries Inc.  
 Lustron Plastic Tile Mfg Co.  
 Mitchell (E L) Rubber Co.  
 Northern Rubber Products Inc.  
 Palisades Products  
 R C A Rubber Co.  
 Robbins Tire & Rubber Co.  
 Rosdale Building Products Corp.  
 Slocum-Blahon Corp.  
 Williams Products Co Inc.  
 Wright Mfg Co Wright Rubber Products Div.

**TILE, HEARTH**

Longmont Brick & Tile Co.  
 Murray Tile Co Inc.  
 Sparta Ceramic Co.

**TILE, PARTITION, CLAY**

Acme Brick Co.  
 Columbia Brick Works.  
 Denver Sewer Pipe & Clay Co.  
 Graystone Concrete Products Co.  
 Great Falls Brick Co.  
 Hoeking Valley Brick Co.  
 Hope Brick Works.  
 Kalo Brick & Tile Co.  
 National Fireproofing Corp.  
 St Anne Brick & Tile Co.  
 Seaton Products Inc.  
 Sheffield Brick & Tile Co.  
 Structural Clay Products Institute.  
 Summit Pressed Brick & Tile Co.  
 Washington Brick & Lime Co.  
 Yankee Hill Brick Mfg Co.

**TILE, PARTITION, GYPSUM**

Blue Diamond Corp.  
 Celotex Corp.  
 Certain-teed Products Corp.  
 Seaton Products Inc.  
 U S Gypsum Co.

**TILE, PAVING, NON-SLIP**

American Abrasive Materials Co.  
 Charleston Clay Products Co.  
 Flintkote Co.  
 Metropolitan Brick Co.  
 Norton Co.  
 Safe Tread Co Inc.  
 Stryker Brick Co.  
 Tile-Text Div Flintkote Co.  
 Washington Brick & Lime Co.

**TILE, QUARRY**

Adel Clay Products Co.  
 Arctex Ceramic Corp.  
 Brookhaven Pressed Brick & Mfg Co.  
 Cannon Sewer Pipe Co.  
 Carlyle Tile Co.  
 Clark (N) & Sons Div Pacific Clay Products  
 Gladding-McBean & Co.  
 Hanley Co.  
 Interstate Brick Co.

Ludowici-Celadon  
 Miffin (B) Hood Co.  
 Mosaic Tile Co.  
 Murray Tile Co.  
 National Tile & Mfg Co.  
 Pacific Clay Products  
 Robinson Clay Products Co.  
 Summitsville Face Brick Co.  
 United Materials & Richmond Brick Co Ltd.  
 U S Quarry Tile Co.  
 Utah Fire Clay Co.  
 Washington Brick Lime & Sewer Pipe Co.  
 Wheeling Tile Co.

**TILE, ROOFING**

California Pottery Co.  
 Clark (N) & Sons Div Pacific Clay Products  
 Gladding-McBean & Co.  
 Interstate Brick Co.  
 Ludowici-Celadon Co.  
 Miffin (B) Hood Co.  
 Murray Tile Co Inc.  
 National Fireproofing Corp.  
 Owens-Illinois Glass Co Kaylo Div.  
 Pacific Clay Products  
 Washington Brick & Lime Co.  
 Wolverine Porcelain Enameling Co.

**TILE, ROOFING, INSULATING**

American Structural Products Co.

**TILE ROOFING, METAL**

Ceco Steel Products Corp.  
 Continental Steel Corp.  
 Edwards Mfg Co.  
 Reynolds Metals Co Building Products Div.

**TILE, SEWER, SEGMENT**

American Vitrefied Products Co.  
 Bowerton Shale Co.  
 Dickey (W S) Clay Mfg Co.  
 National Clay Pipe Mfrs Inc.  
 Pacific Clay Products  
 Robinson Clay Products Co.  
 Universal Concrete Pipe Co Inc.  
 Universal Sewer Pipe Corp.

**TILE, SILD**

Acme Brick Co.  
 Adel Clay Products Co.  
 Columbia Brick Works.  
 Dickey (W S) Clay Mfg Co.  
 Kalo Brick & Tile Co.  
 National Fireproofing Corp.  
 Yankee Hill Brick Co.

**TILE, STRUCTURAL CLAY**

Acme Brick Co.  
 Adel Clay Products Co.  
 Arctex Ceramic Corp.  
 Bush (W G) & Co.  
 Charleston Clay Products Co.  
 Chehalis Brick & Tile Co.  
 Cherokee Brick Co.  
 Claycraft Co.  
 Columbia Brick Works.  
 Conoco Building Products Inc.  
 Dickinson Clay Products Co.  
 Elgin-Butler Brick Co.  
 General Shale Products Corp.  
 Hidden Brick Co.  
 Hoeking Valley Brick Co.  
 Hope Brick Works.  
 Humboldt Brick & Tile Co.  
 Interstate Brick Co.  
 Jenkins Brick Co.  
 Kalo Brick & Tile Co.  
 Laramie Brick & Tile Co.  
 Malvern Fire Clay Co.  
 Metropolitan Brick Co.  
 Moorhead Brick & Tile Co.  
 National Fireproofing Corp.  
 New Bethlehem Tile Co.  
 Ochs (A C) Brick & Tile Co.  
 Pacific Clay Products Co.  
 Peoria Brick & Tile Co.  
 Red River Valley Brick Corp.  
 Rockford Brick & Tile Co.  
 St Anne Brick & Tile Co.  
 Schneider Brick & Tile Co.  
 Sheffield Brick & Tile Co.  
 Sheridan Press Brick & Tile Co.  
 Standard Brick & Tile Corp.  
 Stryker Drain Tile Co.  
 Structural Clay Products Institute.  
 Summit Pressed Brick & Tile Co.  
 Texas Brick Co.  
 United Brick & Tile Co.  
 Yankee Hill Brick Mfg Co.

**TILE, WALL, ALUMINUM, PLASTIC COATED**

Bestile Mfg Co.

**TILE, WALL, BOARD**

Actna Plywood & Veneer Co.  
 Alo-Tile Mfg Co.  
 Armstrong Cork Co Building Materials Div.  
 Barclay Mfg Co Inc.  
 Bestile Mfg Co.  
 Celotex Corp.  
 Certain-teed Products Corp.  
 Cornell Wood Products

Davis Plywood Corp.  
 Fiddes-Moore & Co.  
 Flintkote Co.  
 Gibbs Boardtile Corp.  
 Homasote Co.  
 Inland Div Minnesota & Ontario Paper Co.  
 Johns-Manville Corp.  
 Marsh Wall Products Inc.  
 Masonite Corp.  
 Miratile Tile Mfg Corp.  
 Monarch Tile Mfg Corp.  
 National Gypsum Co.  
 Plastering Wall Board Co.  
 Prestile Mfg Co.  
 Rosdale Building Products Corp.  
 Simpson Logging Co.  
 Superior Plastic Div Commonwealth Plastic Inc.  
 Superior Wall Products Co.  
 Tylar Co.  
 U S Gypsum Co.  
 Upton Co.  
 Wallace Mfg Co.  
 Williams Products Co Inc.  
 Wood Conversion Co.  
 Yankee Fibre Tile Mfg Co.

**TILE, WALL, BOARD, GYPSUM**

National Gypsum Co.

**TILE, WALL, BOARD, PLASTIC COATED**

Armstrong Cork Co Building Materials Div.  
 Barclay Mfg Co Inc.  
 Bestile Mfg Co.  
 Gibbs Boardtile Corp.  
 Marsh Wall Products Inc.  
 Miratile Mfg Co.  
 Prestile Mfg Co.  
 Superior Wall Products Co.  
 Tylar Co.  
 Wallace Mfg Co.

**TILE, WALL, GLASS**

Pittsburgh Glass Tile Co.  
 Pyroburn Glass Co.

**TILE, WALL, METAL**

Allen Tile Co.  
 Baltimore Porcelain Steel Corp.  
 Bestile Mfg Co.  
 Chromite Co.  
 Ford Roofing Products Co.  
 Goldsmith Metal Lath Co.  
 Herold Metal Tile Corp.  
 Inland Steel Products Co.  
 Metal Tile Products Inc.  
 Ohio Can & Crown Co.  
 Reynolds Metals Co Building Products Div.  
 Rosdale Building Products Corp.  
 Steel Wall Tile Co.  
 Vison Tile Corp.

**TILE, WALL, PLASTIC**

Barclay Mfg Co.  
 Cermak Tile Co Inc.  
 Chicago Plastic Products Co Inc.  
 Hachmeister Inc.  
 Jones & Brown Inc.  
 Lustron Tile Mfg Co.  
 Meridian Plastics Inc.  
 Meyercof Co.  
 Pittsburgh Plastic Tile Co.  
 Robbins Tire & Rubber Co.  
 S & W Moulding Co.  
 Stylon Corp.  
 Thomas Moulding Floor Mfg Co.  
 Tile-Rite Co.  
 Tile-Text Div Flintkote Co.  
 Trimedge Industries Inc.  
 United Plastic Tile Co.  
 Wilson Plastics Inc.

**TILE, WALL, PORCELAIN ENAMEL**

Armstrong Cork Co Building Materials Div.  
 Clyde Porcelain Steel Corp.  
 Duxidan Enamel Products Inc.

**TILE, WALL, WOOD**

Malmtile Co.

**TILE & TILEBOARD, ACUSTICAL**

Armstrong Cork Co Building Materials Div.  
 Celotex Corp.  
 Certain-teed Products Corp.  
 Inland Inc.  
 Hanson (Elof) Inc.  
 Inland Div Minnesota & Ontario Paper Co.  
 Johns-Manville Corp.  
 Kelley Island Lime & Transport Co.  
 Kimberly-Clark Corp.  
 Lockport Cotton Batting Co.  
 Owens-Corning Fiberglas Corp.  
 Pittsburgh Plate Glass Co.  
 Porette Mfg Co.  
 Reynolds Metals Co Building Products Div.  
 Simpson Logging Co.  
 U S Gypsum Co.  
 Wood Conversion Co.

**TIRES & TUBES, RUBBER**

Dagton Rubber Co.  
 Firestone Industrial Products Co.  
 Firestone Tire & Rubber Co.  
 Fish Tire Div U S Rubber Co.  
 General Tire & Rubber Co.  
 Goodrich (B F) Co.

List of Manufacturers' Names With Complete Addresses Starts on Page D-67.

Goodyear Tire & Rubber Co  
Kelly-Springfield Tire Co  
Lee Rubber & Tire Corp  
Manfield Tire & Rubber Co  
Swan Rubber Co  
U S Rubber Co

#### TOOLS, BOARD BENDING

M-M-A Inc

#### TOOLS, BORING

Armstrong Brothers Tool Co  
Ciro Tool Co  
Deuse (E W) Co  
Graham (John B) & Co Inc  
Hinch Industries Inc  
Mephisto Tool Co Inc  
Prait & Whitney Div Niles-Bement-Pond Co  
Precision Tool Co Inc  
Wallace (J D) Mfg Co

#### TOOLS, CARPENTER

Black Brothers Co Inc  
Cedarberg Mfg Co  
Drew (C) & Co  
Eliason Tool Co  
Graham (John H) Co Inc  
Gus-Wall Tool Co  
Rainty-Tool Co  
Stanley Tools Div Stanley Works  
Stortz (John) & Son Inc  
Union Hardware Co

#### TOOLS, CARVING, HOMEWORKSHOP

Buss Machine Works  
Chicago Wheel & Mfg Co  
Clarke Sanding Machine Co  
Dremel Mfg Co  
Duro Metal Products Co  
Excel Auto Radiator Co  
Independent Pneumatic Tool Co  
North Brothers Mfg Co Div Stanley Tools  
Osborne (C H) & Co  
Parka Woodworking Machine Co  
Prait & Whitney Div Niles-Bement-Pond Co  
Speedway Mfg Co  
Walker-Turner Co Div Kearney & Trecker Corp  
Wilson Saw Div Media Machine Works Inc

#### TOOLS, CAULKING

Goldblatt Tool Co  
International Nutty Tool Corp  
Lortons Tool Co  
Paine (Benjamin) Co  
Proto Tool Co  
Robbins Mfg Co

#### TOOLS, CONCRETE FINISHING

Athine (E C) & Co  
Duston (Henry) & Sons Inc  
Goldblatt Tool Co  
Independent Pneumatic Tool Co  
Mall Tool Co  
Sand's Level & Tool Co  
Marshalltown Trowel Co  
Sterling Wheelbarrow Co  
Whitman Mfg Co

#### TOOLS, ELECTRIC, PORTABLE

Albertson & Co Inc  
American Floor Surfacing Machine Co  
Black & Decker Mfg Co  
Bradford Machine Tool Co  
Burgess Vibrocrafters Inc  
Chicago Pneumatic Tool Co  
Clarke Sanding Machine Co  
Cummins Business Machine Co Wapport  
(Fred W) Div  
Electric Sprays Co  
Goldblatt Tool Co  
Heston & Anderson Div St Paul Foundry & Mfg Co  
Independent Pneumatic Tool Co  
Mall Tool Co  
Millers Falls Co  
Milwaukee Electric Tool Corp  
Porter-Cable Machine Co  
Skilaw Inc  
Stanley Electric Tools Div Stanley Works  
U S Electrical Tool Co

#### TOOLS, GLAZIERS'

Pittsburgh Plate Glass Co

#### TOOLS, LINOLEUM-LAYING

Armstrong Cork Co  
Youngtown Mfg Inc

#### TOOLS, MASONS, PLASTERERS

Adams (C F) Inc  
Adams Co  
Atkins (E C) Co  
Berg (John) Mfg Co  
Cedarberg Mfg Co  
Donley Brothers  
Drew (C) & Co  
Economy Mfg Co  
Empire Level Mfg Co  
Goldblatt Tool Co  
Graham (John H) Co Inc  
Griffith Tool Works  
Heller Brothers Co  
Huther Brothers Saw Mfg Co Inc

Industrial Iron Works  
Lansing Co  
Marshalltown Trowel Co  
Massons Tool Mfg Co  
Mayes Brothers Tool & Mfg Co Inc  
M & M Wire Clamp Co  
Nash (J) Mfg Co  
National Gypsum Co  
Nicholls Mfg Co  
Paine (Benjamin) Co  
Peck Stow & Wilcox Co  
Plumb (Fayette R) Inc  
Sands Level & Tool Co  
Stanley Tool Div Stanley Works  
Stortz (John) & Son Inc  
Tennessee Lins & Taine Co  
U S Gypsum Co  
Vermontown Tool Div Meter Corp  
Vulcan Tool Mfg Co  
Wheeling Corrugating Co

#### TOOLS, PAINTERS' & PAPERHANGERS'

Atlas-Aronson Co  
Brugal Co  
Colliner Brothers  
Deuse & Reynolds Inc  
Goldblatt Tool Co  
Harbil Mfg Co Inc  
Henkel-Clasum Co  
Kobley Commercial Co  
Hyd-Mfg Co  
Ladders Fray & Clark  
Modern Specialties Co  
Murray-Black Co  
Parker (Ira) & Sons Co  
Pioneer Tool Co  
Pittsburgh Plate Glass Co  
Red Devil Tools  
Ridgip Trimmer Co  
Stencel Specialty Co  
Stephenson Mfg Co  
Stortz (John) & Son Inc  
Tri-Ko Mfg Co  
Vermontown Tool Div Meter Corp  
Warner Mfg Co  
Wendell Mfg Co  
Wiss (J) & Sons Co

#### TOOLS, PLUMBERS

Armstrong Brothers Tool Co  
Armstrong Mfg Co  
Baltimore Tool Works  
Delaware Tool Steel Corp  
Hood Brothers  
Knight (James) Co  
Mephisto Tool Co Inc  
P & C Hand Forge Tool Co  
Peck Stow & Wilcox Co  
Proto Tool Co  
Rainty-Tool Co  
Stortz (John) & Son Inc  
Vaughan & Bushnell Mfg Co  
Vermontown Tool Div Meter Corp  
Wild Drop Forge & Tool Co

#### TOOLS, PNEUMATIC

Skilaw Inc

#### TOOLS, POWER, HOME WORKSHOP

Arcade Mfg Div Rockwell Mfg Co  
Black & Decker Mfg Co  
Bole-Crane Co  
Blue Star Products  
Consolidated Machinery & Supply Co Ltd  
Cummins Business Machine Co Wapport  
(Fred W) Div  
Delta Mfg Div Rockwell Mfg Co  
Duro Metal Products Co  
Heston & Anderson Div St Paul Engineering & Mfg Co  
Jet Tool Sales Co  
Mall Tool Co  
Millers Falls Co  
Porter-Cable Machine Co  
Power King Tool Corp  
Shoemaker Inc  
Skilaw Inc  
Tomlee Tool & Engineering Co  
Toolkraft Corp  
Walker-Turner Co Div Kearney & Trecker Corp  
Wallace (J D) & Co  
Yates-American Machine Co

#### TOOLS, ROOFING

Burritt (O F) & Brothers  
Goldblatt Tool Co  
Inland Steel Products Co  
Peck Stow & Wilcox Co  
P & C Tool Sales Corp  
St Paul Corrugating Co  
Stanley Tools Div Stanley Works

#### TOOLS, SHEET METAL WORKERS

Air Reduction Sales Co  
Badger Corrugating Co  
Footstake Corp

#### TOOLS, SPLIT RING GROOVING

Vaughan & Bushnell Mfg Co

#### TOOLS, WEATHERSTRIP

Barland Weatherstrip Material Co  
Cox Steel Products Corp  
Monarch Metal Weatherstrip Corp  
Protex Weatherstrip Mfg Co  
Robbins Mfg Co  
Stanley Tools Div Stanley Works

#### TOPS, CABINET, TABLE, COUNTER

American Central Div Avo Mfg Corp  
Angel Novelty Co  
Armstrong Cork Co  
Bero Wood Co  
Bradley Lumber Co of Ark  
Consolidated Water Power & Paper Co  
Del-Mar Cabinet Co Inc  
Douglas Distributors Corp  
Engineered Plywood Products Co  
Farley & Lotticher Mfg Co  
Formica Co  
General Electric Co Appliances & Merchandise Dept.  
Haskette Mfg Corp  
Ingram-Richardson Mfg Co  
IXL Furniture Co  
Johnson & Carlson  
Kitchen Maid Corp  
Konak Mfg Co  
Legion Stainless Sink Corp  
Lyon Metal Products Inc  
Marsh Wall Products Inc  
Mergel Co  
Midwest Mfg Co  
Moore (Goodie E) Co  
Morton Mfg Co Morton Kitchen Cabinet Div  
Mullins Mfg Corp  
Palley Mfg Co  
Paragon Utilities Corp  
Parkwood Corp  
Pittsburgh Plate Glass Co  
Roshin Plywood Corp  
Technical Appliance Corp  
Tennessee Enamel Mfg Co  
Tray Mfg Co  
Two Work Shops Inc  
U S Mergel Plywood Inc  
U S Plywood Corp  
U S Rubber Co  
Westinghouse Electric Corp  
Youngstown Mfg Inc

#### TOPS, TABLE, PORCELAIN ENAMELED

Enamel Products Co  
General Porcelain Enameling & Mfg Co  
Ingram-Richardson Mfg Co  
Rigidized Enamel Mfg Co  
Tennessee Enamel Mfg Co  
Vitreous Steel Products Works

#### TOPS, TABLE, STAINLESS STEEL

Enamel Products Co  
Jum Mfg Co

#### TORCHES, BLOW

Aeroll Products Inc  
Badger Corrugating Co  
Cedarberg Mfg Co  
Clayton & Lambert Mfg Co  
Detroit Torch & Mfg Co  
Erebot Mfg Co  
Hask Mfg Co  
Justrite Mfg Co  
Kinetic Laboratories  
Leak Mfg Co  
Macheco Co  
National Airofl Burner Co  
Pittsburgh Plate Glass Co  
Turner Brass Works  
Wall (F) Mfg Co

#### TOWERS, SELF-RAISING

Jager Machine Co

#### TRACTORS

Allis-Chalmers Mfg Co  
Buda Co  
Caterpillar Tractor Co  
Detroit Bolt & Machine Co  
Elwell-Parker Electric Co  
Grand Haven Stamped Products Co  
Industrial Truck Div Clark Equipment Co  
International Harvester Co  
Massey-Harris Co  
Oliver Corp Industrial Div

#### TRACTORS, ELECTRIC

Industrial Truck Div Clark Equipment Co

#### TRAILERS

Cam Crane & Kilbourne & Jacobs Co  
Dorsey Trailers  
Fruehauf Trailer Co  
Jager Machine Co  
Kingham Trailer Co  
Knox Corporation  
Lanting Co  
Le Tourneau (E G) Inc  
Nabors (W C) Co  
Reynolds Metals Co Building Products Div

Struch (A) & Brothers Co  
Texas Sheet Metal & Mfg Co  
Trailmobile Co  
Ullrich Trailer Mfg Co  
Wentworth & Irwin  
Wood (Gar) Industries Inc

#### TRAILERS, DUMP

Cubby Trailer Co  
Fruehauf Trailer Co  
Nutting Truck & Cater Co

#### TRAILERS, PLATFORM INDUSTRIAL

Beall Pipe & Tank Corp  
Electric Wheel Co  
Hose Scale Co  
International Harvester Co  
Lewis-Shepard Products Co  
Merruy Mfg Co  
Pointer Willamette Co  
Service Caster & Truck Div Domestic Industries Inc  
Struch (A) & Brothers Co  
Tucker-Dorsey Mfg Co  
Wentworth & Irwin Inc  
Whitehead & Kalos Co

#### TRANSFORMERS

General Electric Co Apparatus Dept

#### TRAPS, GREASE

Crane Company  
Industrial Iron Works  
National Clay Pipe Mfrs Inc  
Vestal Stone Co Building Specialties Div  
Zur (J A) Mfg Co

#### TRAPS, SINK

American Radiator & Standard Sanitary Corp  
Crane Company  
Eiler Co  
Kohler Co

#### TRAPS, STEAM

Crane Company  
Dunham (C A) Co  
Grinnell Co  
Industrial Iron Works  
Marsh (James P) Corp  
Moore Dry Kiln Co

#### TREADS, STAIR, BRASS

Chase Brass & Copper Co

#### TREADS, STAIR, SAFETY

Alan Wood Steel Co  
American Mason Safety Tread Co  
Bradley Lumber Co of Ark  
Bruce (E L) Co  
Cary (Philip) Mfg Co  
Carr Adams & Collier Co  
Chicago Brass & Copper Co  
Curtis Cos Inc  
Dexrite Inc  
Lagan Co  
Morgan Co  
Safe Tread Co Inc  
Serviced Products Corp  
Wheeling Corrugating Co  
Wootter Products Inc  
Youngstown Mfg Co

#### TREADS, STAIR, STEEL

Alan Wood Steel Co  
American Aluminite Metals Co  
American Mason Safety Tread Co  
Blaw Knox Div Blaw Knox Co  
Cule Mfg Co  
Inventor Iron & Steel Co  
Fremont Rubber Co  
Industrial Iron Works  
Lagan Steel Co  
International Steel Co  
Lagan Co Inc  
Metal Crafters Div Castone Products Co  
Moore (Goodie E) Inc  
Safe Tread Co Inc  
U S Rubber Co  
Western Foundry Co  
Youngstown Mfg Inc

#### TREADS, STAIR, WOOD

Bradley Lumber Co of Ark  
Bruce (E L) Co  
Burke Millworks Co  
Carr Adams & Collier Co  
Curtis Cos Inc  
Farley & Lotticher Mfg Co  
Frost Lumber Industries Inc  
Georgia-Pacific Plywood & Lumber Co  
Harris Mfg Co  
Hines (Edward) Lumber Co  
Morgan Co  
Nickey Brothers Inc  
Spokane Bash & Door Co

#### TRIM, METAL SIDING

Insulite Div Minnesota & Ontario Paper Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

**TRUCKS, HAND AND PLATFORM**

Anthony Truck Co  
Barrett-Craven Co  
Barnett Industries  
Buda Co  
Case Crane & Railbours Jacobs Co  
Chattanooga Wheelbarrow Co  
Clark Equipment Co  
Colson Corp  
Electric Wheel Co  
Equiplex Div Aurora Equipment Co  
Erickson Power Lift Trucks Inc  
Fairbanks Co  
Fleming Mfg Co Inc  
Francis (Charles E) Co  
Hamilton Carter & Mfg Co  
Handeco Co  
Honeyman Mfg Co  
Hopkins Lumber Co  
Howe Scale Co  
Johnson Industries Inc  
Lansing Co  
Lewis-Sherard Products Inc  
Morse Metal Products Co Inc  
Nutting Truck & Caster Co  
Oranville Mfg Co  
Rapido-Standard Co Inc  
Revolutor Co  
Sabin Machine Co  
Service Caster & Truck Corp  
Racklin Corp  
Stritch (A) & Brothers Co  
Tucker-Dorsey Mfg Co  
Twin-Tilt Truck Co  
West Bend Equipment Corp  
Yale & Towne Mfg Co

**TRUCKS, LIFT**

Buda Co  
Clark Equipment Co  
Knickerbocker Mfg Co  
Morse Metal Products Co Inc  
Revolutor Co  
Ross Carrier Co

**TRUCKS, LIFT, ELECTRIC POWERED**

Automatic Transportation Co Inc  
Barrett-Craven Co  
Clark Equipment Co Industrial Truck Div  
Crescent Truck Co  
Elliott-Farber Electric Co  
Hamilton Carter & Mfg Co  
Mercury Mfg Co  
Lewis-Sherard Products Co  
Nutting Truck & Caster Co

**TRUCKS, LIFT, GAS POWERED**

Automatic Transportation Co Inc  
Clark Equipment Co Industrial Truck Div  
Crescent Truck Co  
Erickson Power Lift Trucks Inc  
Fleming Mfg Co Inc  
Gerringer Carrier Co  
Hyder Co  
Lull Mfg Co  
Mobilift Corp  
Ross Carrier Co  
Service Caster & Truck Corp  
Silent Hoist & Crane Co  
Towmotor Corp  
Yale & Towne Mfg Co

**TRUCKS, MOTOR**

Autocast Co  
Chevrolet Motor Div General Motors Corp  
Diamond T Motor Car Co  
Dodge Brothers Div Chrysler Corp  
Federal Motor Truck Co  
Ford Motor Co  
Four Wheel Drive Auto Co  
GMC Truck & Coach Div General Motors Corp  
International Harvester Co  
Kewauitua Motor Truck Corp  
Mack-International Motor Truck Corp  
Marmon-Herrington Co Inc  
Milford Crane & Machine Co  
Reo Motors Inc  
Sterling Motors Truck Corp  
Studebaker Corp  
Ward La France Truck Corp  
White Motor Co  
Willys-Overland Motors Inc

**TRUSSES, ROOF, STEEL**

Allen Steel Products  
Gabriel Steel Co  
Houston Blow Pipe & Sheet Metal Works  
Hecker (George L) Steel Corp  
Republie Steel Corp  
Reynolds Metals Co Building Products Div  
St Paul Foundry & Mfg Co  
Southern Wire & Iron Works

**TRUSSES, ROOF, WOOD**

American Roof Truss Co  
Greene Lumber Co  
McKeown Brothers Co  
Riley Laminated Products Inc  
Rico Structures Inc  
Super-Structures Inc  
Tacoma Lumber Fabricating Co  
Timber Structures Inc  
Trink Structures Inc  
West Coast Lumbermen's Association  
Weyerhaeuser Sales Co

**TUBING, INSULATING**

General Electric Co Chemical Dept

**TUBS, LAUNDRY**

Alberene Stone Corp of Va  
American Radiator & Standard Sanitary Corp  
Cramer Company  
Elior Co  
General Ceramics & Seattle Corp Sanitary  
Ware Div  
Ingram-Richmond Mfg Co  
Johnson & Carlson  
Kubler Co  
Standard-Elmerv Granite Co  
Trenton Pottery Co  
Universal-Bundle Corp  
Vermont Stonehouse Co  
Wheeling Corrugating Co

**TURNOCKLES**

Arro Expansion Bolt Co  
Black Brothers Co Inc  
Commercial Shearing & Stamping Inc  
Larson (Charles O) Co  
Laughlin (Thomas) Co  
Leitell Iron Works  
Maine Steel Products Inc  
National Mfg Co  
Newhall Chain Forge & Iron Co  
Reubling's John A) Sons Co  
Russell-Erwin Div American Hardware Corp  
St Louis Screw & Bolt Co  
Sheffield Steel Corp  
Stronghold Screw Products Inc  
U S Expansion Bolt Co  
Uson-Walton Co  
Wilcox Crittenden & Co Inc

**TURPENTINE**

American Turpentine Farmers Association  
Corp  
American Turpentine & Tar Co Ltd  
Columbia Naval Stores Co  
Elroy Naval Stores  
Glidden Co  
Gray (William B) & Co  
Gum Turpentine Farmers' Cooperative Association  
Hercules Powder Co Inc  
Industrial Chemical Sales Div West Virginia  
Pulp & Paper Co  
Minnesota Lined Oil Paint Co  
Naval Stores Div Glidden Co  
Newport Industries Inc  
Pittsburgh Plate Glass Co

**TWINE**

Columbian Rope Co  
Hoovers & Allison Co  
International Harvester Co Inc  
Plymouth Cordage Co  
St Louis Cordage Mills

**UNDERLAYMENT, FLOORING**

Armstrong Cork Co Building Materials Div  
Flintkote Co  
Keystone Asphalt Products Co  
Mansonite Corp  
Miracle Adhesives Corp  
Protective Papers Inc  
Selby Batterying & Co  
Servicecote Products Corp  
Tams Industries Inc  
Tile-Tex Div Flintkote Co

**UNDERLINER, SIDING, INSULATING, BLANKET**

Ruberoid Co  
Wood Cornerstone Co

**UNDER-BEAMERS**

B & B Co

**UNITS, UTILITY**

Dwyer Products Corp

**UNLOADERS, HOPPER CAR**

Atlas Conveyor Co  
Barber-Greene Co  
Baughman Mfg Co  
Butler Bin Co  
Farragher (A B) Co  
Geoffrey Conveyor Co  
Hais (George) Mfg Co Div Pettibone Multi-  
len Corp  
Johnson (C S) Co  
Kewanee Machinery & Conveyor Co  
Link-Belt Co  
Marktry Co  
Silent Hoist & Crane Co

**VALLEYS, METAL ROOF**

Alabama Metal Lath Co  
Allen Steel Products  
American Brass Co  
American Steel & Wire Co  
Berger Mfg Div Republic Steel Corp

Carangle-Tillnole Steel Corp  
Coco Steel Products Corp  
Chase Brass & Copper Co  
Continental Steel Corp  
Gary-Pliny, Steel Corp  
Goldsmith Metal Lath Co  
Illinois Zinc Co  
Inland Steel Products Co  
Mid-States Steel & Wire Co  
New England Metals Co  
Nichols Wire & Aluminum Co  
Penn Supply & Metal Corp  
Pittsburgh Corrugating Co  
Revere Copper & Brass Inc  
Reynolds Metals Co Building Products Div  
St Paul Corrugating Co  
Tennessee Coal Iron & Railroad Co  
Wheeling Corrugating Co

**VALVES, PLUMBING, HEATING, ETC**

American Radiator & Standard Sanitary  
Corp  
Bell & Gossett Co  
Black Bivalva & Bryson Inc  
Boston Brass Co Inc  
Chase Brass & Copper Co  
Crane Company  
Dole Valve Co  
Elior Co  
Imperial Brass Mfg Co  
Irishmen Brothers  
Locke Regulator Co  
Minneapolis-Honeywell Regulator Co  
Muefler Co  
Myers (F E) Brother Co  
Rockford Brass Works  
Schaeble Co  
Sloan Valve Co  
Thursh (H A) Co  
Trane Company  
Zurn (J A) Mfg Co

**VANES, WEATHER**

Bantam Mfg Co  
Electra Protection Co  
Edwards Mfg Co  
Fiske (J W) Iron Works  
Independent Protection Co  
James Mfg Co  
Miami Metal & Mfg Co Inc  
Rand-Williams Mfg Co Inc  
Starline Inc  
Whitelash Metal Studies Inc

**VARNISHES**

Arme White Lead & Color Works  
Aluminum Industries Inc  
American Varnish Co  
Baker Paint & Varnish Co  
Barrett Varnish Co  
Berry Brothers Inc  
Boston Varnish Co  
Brining Brothers Inc  
Cabot (Samuel) Inc  
Calbar Paint & Varnish Co  
Central Paint & Varnish Works  
Chicago Bronze & Color Works  
Cook Paint & Varnish Co  
Ives & Reynolds Co Inc  
Du Pont (E I) de Nemours & Co Inc  
Elliott Paint & Varnish Co  
Fay Paint Co Inc  
General Electric Co Chemical Dept  
Glidden Co  
Grand Rapids Varnish Corp  
Harrison Paint & Varnish Co  
Hoboken White Lead & Color Works Inc  
Hurr (A C) Co  
Johnston (R F) Paint Co  
Keystone Varnish Co  
Lose Brothers Co  
Lucas (John) & Co  
Murphy Paint Div Interchemical Corp  
National Paint Varnish & Lacquer Association  
O'Brien Corp  
Palco Products Inc  
Patterson-Sargent Co  
Pilettie Inc  
Pittsburgh Plate Glass Co  
Pratt & Lambert Inc  
Rogers Paint Products Inc  
St Louis Surfactant & Paint Co  
Sapulin Paints Laboratory Inc  
Seidlitz Paint & Varnish Co  
Sherwin-Williams Co  
Standard Industrial Products Inc  
Standard Varnish Works  
Vila-Var Corp

**VARETS, DIPPING, LUMBER**

Curley Mfg Co  
Johnson & Carlson  
Richmond Engineering Co Inc

**VENEERS, HARDWOOD**

Acton Plywood & Veneer Co  
Albany Plywood Co  
Braund-Harmon Co  
Brumond (W R) Co  
Higgins Inc  
Marsh Wall Products Inc  
Niskey Brothers

Pearl City Plywood Co Inc  
Weber Veneer & Plywood Co

**VENTILATORS, ATTIC LOUVER**

Air Control Products Inc  
Allen Steel Products  
American Sheet Metal Works  
Angel Novelty Co  
Arax Co  
Badger Corrugating Co  
Bestwick Steel Lath Co  
Carr Adams & Collier Co  
Crescent Steel Products Corp  
Cus Equipment Corp  
Cumpo Miracle Products  
Curtis Co Inc  
Donley Brothers  
Eagle-Picher Co  
Edwards Mfg Corp  
Fordyce-Crommet Lumber Co  
Gryeg & Son Inc  
Hempbill (A B) Co  
Helm's Mfg Co of Ohio  
Home Comfort Mfg Co  
Hough Shade Corp  
Ideal Co  
Illinois Zinc Co  
Inland Steel Products Co  
Kewaque Mfg Co  
Klauer Mfg Co  
Kool-Air Engineering Co  
Krauser-Boyd Inc  
Leslie Weiding Co  
Majestic Co  
Marquart Millwork Co  
Metall Arts Mfg Co  
Midget Louver Co  
Morgan Sash & Door Co  
Nichols Wire & Aluminum Co  
Roach & Muner Co  
Shelper Mfg Co  
Standard Steel Cabinet Co  
Swartout Co  
U S Gypsum Co  
Vincor Sales Co  
Wallager Steel Corp

**VENTILATORS, FOUNDATION**

Air Control Products Inc  
Allen Steel Products  
Arax Co  
Bruneit-Ireland Inc  
Brux (E L) Co  
Donley Brothers  
Kewaque Mfg Co  
Louden Machinery Co  
Majestic Co  
Standard Steel Cabinet Co  
Vestal Steel Co

**VENTILATORS, GLASS BLOCK, WALL**

Allrite Co  
Air Recorders Inc  
Arax Co  
Consumers Co  
Hough Shade Corp  
Monarch Metal Weatherstrip Corp  
Pittsburgh Plate Glass Co  
Vincor Vento Co

**VENTILATORS, PORTABLE**

Nelson (Herman) Corp

**VENTILATORS, ROOF, REVOLVING**

Burt Mfg Co  
Coco Steel Products Corp  
Clark Equipment Corp  
Danner Metal Works  
Ilg Electric Ventilating Co  
Inland Steel Products Co  
James Mfg Co  
Klauer Mfg Co  
Penn Supply & Metal Corp  
St Paul Corrugating Co  
Stions Steel Co  
Starline Inc  
Warner Ventilator Co

**VENTILATORS, ROOF, WALL, AND WINDOW**

Adams Co  
Air Devices Inc  
Airmaster Corp  
Airlite Co  
Air Recorders Inc  
American Sheet Metal Works  
Angel Novelty Co  
Arax Co  
Badger Corrugating Co  
Bestwick Steel Lath Co  
Brewer Mfg Co  
Buech (A G) & Co Inc  
Carey (Phillip) Mfg Co  
Chattanooga Implement & Mfg Co  
Comfort Products Corp  
Damp-Vent Co  
Diehl Mfg Co Electrical Div Singer Mfg Co  
Donley Brothers  
Edwards Mfg Co  
Emerson Electric Mfg Co  
Farwell Gurney Kirk & Co  
Fasco Industries Inc  
Franklin Equipment Co  
Hohmann & Barnard Inc  
Hog's Windows Inc  
Houston Blow Pipe & Sheet Metal Works  
Hudson (H B) Mfg Co  
Ideal Ventilator Co

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

Hig Electric Ventilating Co  
 Johns-Manville Corp  
 Kernehan Co  
 Kramer-Beyl  
 Le Grasse Steel Roofing & Corrugating Co  
 Lau Blower Co  
 Lyon Conklin & Co  
 Metcraft Co  
 Modern Stainless Specialties Co Div Modern  
 Electric Laboratory  
 Nelson (Herman) Corp  
 Olson Mfg Co  
 Puasche Airbrush Co  
 Perline Electric Co  
 Pennsylvania Wire Glass Co  
 Phenix Mfg Co  
 Protective Ventilator Co  
 Pyro & Co Inc  
 Riemer Vent Brick Corp  
 St. Louis Blow Pipe & Heater Co  
 Schumacher (F E) Co  
 See Lich Mfg Co  
 Shepherd Mfg Co  
 Signal Electric Mfg Co  
 Standard Steel Cabinet Co  
 Starline Inc  
 Trane Company  
 Uno Ventilator Co  
 Victor Electric Products Inc  
 Ward (Edgar F) Co Inc  
 Wardlow & Jordan  
 Wayne Agricultural Works  
 Wayne Mfg Co  
 Western Appliance Co Inc  
 Westinghouse Electric Corp  
 Willis Steel Corp  
 Winsor Ventilator Co

**VERMICULITE**  
 Acme Asbestos Covering & Flooring Co  
 Baker-Thomas Lime & Cement Co  
 California Zeonite Co  
 Celotex Corp  
 Dobson Mfg Co  
 Great Lakes Carbon Corp  
 Insulation Services Co  
 Intermountain Insulation Co  
 Moore Dry Kiln Co  
 Northwest Insulations Co  
 Robinson Insulation Co  
 Schumler (F E) & Co Inc  
 Southern Zeonite Co  
 Sullivan Co  
 Tamm Industries Inc  
 Texas Vermiculite Co  
 Vermiculite Institute  
 Vermiculite Products Corp  
 Vermiculite Products Inc  
 Western Mineral Products Co  
 Zeonite Co

**VIBRATOR, CONCRETE, GASOLINE & ELECTRIC**  
 Dart Mfg & Sales Co  
 Mall Tool Company

**VISES**  
 American Scale Co  
 Armstrong Mfg Co  
 Ashal Machine & Foundry Co  
 Billings & Spencer Co  
 Champion Hardware Co  
 Columbian Vise & Mfg Co  
 Desmond-Stephens Mfg Co  
 General Hardware Co  
 Graham (John H) & Co Inc  
 Grand Specialties Co  
 Littleton Hardware Co  
 Millers Falls Co  
 North Brothers Mfg Co Div Stanley Tools  
 Parter (Charles) Co  
 Peck Stow & Wilcox Co  
 Richards-Wilcox Mfg Co  
 St Paul Foundry & Mfg Co  
 Sargent & Co  
 Stanley Tools Div Stanley Works

**VISES, DOR HOLDING**  
 How Metal Products Co

**WAGONS, LUMBER YARD**  
 Copper (V M) & Co  
 Drott Mfg Corp  
 Electric Wheel Co  
 Gerlinger Carrier Co  
 Knox Corp  
 Lansing Co  
 Lindsay Wagon Co  
 Nutting Truck & Center Co  
 Perfection Steel Box Co  
 Pointer-Williamette Co  
 Standard Forge & Axle Co  
 Strick (A) & Brothers Co  
 Super-Structures Inc  
 Wadsworth & Irwin Inc  
 Wipewear Mfg Co

**WALLBOARD, ALUMINUM FOIL COVERED**  
 Celotex Corp  
 Certain-teed Products Corp  
 National Gypsum Co  
 U S Gypsum Co

**WALLBOARD, ASBESTOS CEMENT**  
 Carey (Phillip) Mfg Co  
 Celotex Corp  
 Johns-Manville Corp  
 Keasbey & Mattison Co  
 Huberid Co

**WALLBOARD, FIBER CASE**  
 Celotex Corp

**WALLBOARD, FIBER INSULATING**  
 Armstrong Cork Co  
 Celotex Corp  
 Cole Mfg Company  
 Fikes-Moore & Co  
 Flinnkote Co  
 Inmatec Div Minnesota & Ontario Paper Co  
 Johns-Manville Corp  
 National Gypsum Co  
 Plastering Wall Board Co  
 Simpson Logging Co  
 U S Gypsum Co  
 Wood Conversion Company

**WALLBOARD, FIBER, WATERPROOFED**  
 Upon Co

**WALLBOARD, FIBER, WOOD**  
 Actna Plywood & Veneer Co  
 Armstrong Cork Co Building Material Div  
 Bird & Son Inc  
 Celotex Corp  
 Certain-teed Products Corp  
 Cornell Wood Products Co  
 Fir-Tex Insulating Board Co  
 Flinnkote Co  
 Homasote Co  
 Inmatec Div Minnesota & Ontario Paper Co  
 Johns-Manville Corp  
 Marsh Wall Products Inc  
 Masonite Corp  
 National Gypsum Co  
 Plastering Wallboard Co  
 Roxdale Building Products Corp  
 Service Products Div Woodall Industries Inc  
 Simpson Logging Co  
 U S Gypsum Co  
 U S Plywood Corp  
 Upon Co  
 Wallace Mfg Co  
 Wood Conversion Company

**WALLBOARD, GYPSUM**  
 Blue Diamond Corp  
 Celotex Corp  
 Certain-teed Product Corp  
 Grand Rapids Plaster Co  
 National Gypsum Co  
 Faisco Products Inc  
 Pacific Portland Cement Co  
 Schumacher Wall Board Corp  
 U S Gypsum Co

**WALLBOARD, LEATHER FINISH**  
 Actna Plywood & Veneer Co  
 Masonite Corp  
 Wallace Mfg Co

**WALLBOARD, MARBLE FINISH**  
 Armstrong Cork Co  
 Gibbs Earleite Corp  
 Johns-Manville Corp  
 Marsh Wall Products Inc  
 Prestite Mfg Co  
 Tyac Co  
 Williams Products Co

**WALLBOARD, PAPER**  
 Bird & Son  
 Certain-teed Products Corp  
 Cornell Wood Products Co  
 Fleming & Sons Inc  
 Plastering Wall Board Co  
 U S Plywood Corp  
 Upon Co

**WALLBOARD, WOODGRAIN FINISH**  
 Armstrong Cork Co Building Material Div  
 Celotex Corp  
 Certain-teed Products Corp  
 Formica Co  
 Gibbs Boardlite Corp  
 Homasote Co  
 Marsh Wall Products Inc  
 National Gypsum Co  
 Prestite Mfg Co  
 Service Products Div Woodall Industries Inc  
 Tyac Co  
 U S Gypsum Co  
 Williams Products Co Inc

**WALLPAPER**  
 Biggs Co Inc  
 Buffalo Wallcraft Co Inc  
 Buffalo Wall Paper Mfg Co  
 Cook Paint & Varnish Co  
 Derris & Reynolds Inc  
 Di-Sec Co  
 Globe Mills Inc  
 Imperial Paper & Color Corp Pigment Color  
 Div  
 Joliet Wall Paper Mills  
 Kimberly-Clark Corp Kimmi Div  
 Leeman Wallpaper Co  
 Midwest Wall Paper Co  
 Pittsburgh Plate Glass Co  
 Pittsburgh Wallpaper Co

Prager Co  
 Sanders Co Inc  
 Sherwin Williams Co  
 Stamford Wallpaper Co  
 Standard Coated Products Div Inter-Chem-  
 cal Corp  
 Star-Parsons Wallpaper Mills  
 Steiner Wallpaper Mills  
 Trims Co Inc  
 United Wallpaper Inc  
 Varlar Inc  
 York Wall Paper Co

**WALLPAPER, READY-PASTED**  
 Trims Co Inc  
 United Wallpaper Inc

**WARDROBES**  
 Austral Sales Corp  
 Berger Mfg Div Republic Steel Corp  
 Mergul Co  
 Midwest Mfg Co  
 Richards-Wilcox Mfg Co  
 Star-Aid Inc  
 Woodcraft Mfg Co

**WAREHOUSING, FIELD**  
 Douglas-Guardian Warehouse Corp  
 Lawrence Warehouse Co  
 St Louis Terminal Warehouse Co

**WASHERS**  
 Hager (C) & Son Hinge Co  
 Ives (H B) Co  
 Lockwood Hardware Mfg Co  
 National Mfg Co  
 Corbin (P & F) Div American Hardware  
 Corp  
 Skillman Hardware Co

**WASHERS, FAUCET**  
 Holland Rubber Co  
 Plumbers Specialties Mfg Corp  
 Schacht Rubber Mfg Co  
 Williams-Bowman Rubber Co

**WASHERS, LOCK**  
 Active Screw & Mfg Co  
 Cham Brass & Copper Co  
 National Lock Washer Co  
 Positive Lock Washer Co  
 Sterling Bolt Co  
 Stronghold Screw Products Inc

**WATERPROOFING, INTEGRAL**  
 Adenite Co  
 American Fluorite Co Inc  
 Anti-Hydra Waterproofing Co  
 Blue Ridge Talc Co Inc  
 Ceresit Waterproofing Corp  
 Dow Chemical Co  
 Everet Chemical Co  
 Harro Chemical Co  
 Horn (A C) Co Inc  
 Johns-Manville Corp  
 Kay-Tite Co  
 Lebon Co  
 Medina Portland Cement Co  
 Minneapolis Builders Supply Co  
 Ohio Hydrate & Supply Co  
 Pittsburgh Plate Glass Co  
 Protection Products Mfg Co  
 Ransette Mfg Co  
 Sealco Products Inc  
 Sonneborn (L) Sons Inc  
 Spray-D-Bond Co  
 Standard Dry Wall Products Inc  
 Steelco Mfg Co  
 Stohard Co  
 Sullivan Co  
 Tamm Industries Inc  
 Tech Brothers Inc  
 Trucon Laboratories Div Devco & Reynolds  
 Inc  
 Tuftall Inc  
 Vita-Var Corp  
 Wayne Chemical Products Co  
 Weather Seal Co

**WATERPROOFING, MEMBRANE**  
 American Asphalt Roof Corp  
 Cabot (Samuel) Inc  
 Barrett Div Allied Chemical & Dye Co  
 Carey (Phillip) Mfg Co  
 Celotex Corp  
 Evercrete Corp  
 Flinnkote Co  
 Horn (A C) Co Inc  
 Johns-Manville Corp  
 Koppers Co Inc  
 Lebon Co  
 Minimax Co  
 Mixtite Corp  
 Pittsburgh Plate Glass Co  
 Prestitite Engineering Co  
 Ransette Mfg Co Inc  
 Sealco Products Inc  
 Sinsbrat Co  
 Sonneborn (L) Sons Co  
 Trucon Mfg Co

**Vita-Var Corp**  
 Wauna Flanking Co

**WATERPROOFING, METALLIC**  
 Belmont Smelting & Refining Works Inc  
 Ceresit Waterproofing Corp  
 Evercrete Corp  
 Gibson-Homans Co  
 Horn (A C) Co  
 Kodmund Mfg Waterproofing Co Inc  
 Lebon Co  
 Mixtite Corp  
 Ransette Mfg Co Inc  
 Richcraft Co  
 Sealton Products Inc  
 Sinsbrat Co  
 Sonneborn (L) Sons Inc  
 Tamm Industries Inc  
 Trucon Laboratories Div Devco & Reynolds  
 Inc  
 Weather Seal Co

**WATERPROOFING, PREFORMED UNIT**  
 Brick Waterproofing Co Inc

**WATERPROOFING, SURFACE TYPE**  
 Adenite Co Inc  
 American Asphalt Roof Corp  
 American Fluorite Co Inc  
 Anti-Hydra Waterproofing Co  
 Barrett Div Allied Chemical & Dye Corp  
 Bird & Son Inc  
 Breinig Brothers Inc  
 Cabot (Samuel) Inc  
 Calbar Paint & Varnish Co  
 Carey (Phillip) Mfg Co  
 Ceresit Chemical Corp  
 Ceresit Waterproofing Corp  
 Chapman Chemical Co  
 Devco & Reynolds Co Inc  
 Donley Brothers  
 Dow Chemical Co  
 Evercrete Corp  
 Flinnkote Co  
 Forman-Ford & Co  
 Gibson-Homans Co  
 Glantic Corp  
 Glidden Co  
 Harro Chemical Co  
 Horn (A C) Co Inc  
 Hydrom Products Inc  
 Johns-Manville Corp  
 Kaytite Co  
 Latex Products Co Inc  
 Lebon Co  
 Lowbock Inc  
 Mar-Kay Mfg Co  
 Medina Portland Cement Co  
 Minneapolis Builders Supply Co  
 Minimax Co Inc  
 Miracle Adhesive Corp  
 Mixtite Corp  
 Moore (Goodloe E) Co  
 Peora Paint Co  
 Pittsburgh Plate Glass Co  
 Prima Products Inc  
 Protection Products Mfg Co  
 Protective Factors Inc  
 Ransette Mfg Co  
 Reardon Co  
 Reebond Products Co  
 Ruberoid Co  
 Rust-Glum Corp  
 Seaboard Plastics Corp  
 Sealton Products Inc  
 Sonneborn (L) Sons Inc  
 Standard Dry Wall Products Inc  
 Steelco Mfg Co  
 Stohard Co  
 Stowell Waterproofing Mfg Inc  
 Sullivan Co  
 Tamm Industries Inc  
 Trucon Laboratories Div Devco & Reynolds  
 Inc  
 Tuftrete Co Inc  
 Tuftall Inc  
 United Glissolite Laboratories  
 Vita-Var Corp  
 Waterlox Div Empire Varnish Co  
 Weather Seal Co  
 Webster (W F) Cement Co  
 Werner Canvas Products Co  
 Werra Waterplastic Inc  
 Willbur & Williams Co  
 Wurdack Chemical Co  
 X-Fande Corp

**WATERPROOFING, TRANSPARENT**  
 Adenite Co Inc  
 American Fluorite Co Inc  
 Anti-Hydra Waterproofing Co  
 Cabot (Samuel) Inc  
 Calbar Paint & Varnish Co  
 Celotex Corp  
 Ceresul Chemical Corp  
 Ceresit Waterproofing Corp  
 Continental Asbestos & Refining Corp  
 Evercrete Corp  
 Forman-Ford & Co  
 General Paint Corp  
 Gibson-Homans Co  
 Glidden Co  
 Harro Chemical Co  
 Haysco Products Co  
 Horn (A C) Co  
 Keystone Asphalt Products Co  
 Laminco  
 Mar-Kay Mfg Co  
 Minimax Co Inc  
 Mowall Paint Co

**List of Manufacturers' Names With Complete Addresses Starts on Page D-67.**

Peora Paint Co Inc  
Protection Products Mfg Co  
Rapelite Mfg Co  
Sealco Products Inc  
Sonnaberg (L) Sons Inc  
Standard Dry Wall Products Inc  
Sullivan Co  
Tamma Industries Inc  
Trucon Laboratories Div Devo & Reynolds  
Inc  
Tufrete Co Inc  
Waterloo Dry Empire Varnish Co

#### WAXES, FLOOR, ELECTRIC

Algoma Mfg Co  
American Floor Surfacing Machine Co  
Atlas Floor Surfacing Machinery Corp  
Clarke Sanding Machine Co  
Fay Floor Machine Co  
Hild Floor Machine Co  
Hilger Co  
Holt Mfg Co  
Johnson (S C) & Son Inc  
Kent Co Inc  
Landers Fray & Clark  
Lincoln-Schuster Floor Machinery Co  
O'Ceard Corp  
Twin-Brush Corp

#### WEATHERSTRIPPING

Allmetal Weatherstrip Co  
Accurate Metal Weatherstrip Co  
American Metal Weather Strip Co  
Raltz (R N) & Co  
Bairland Weatherstrip Material Co  
Bridgport Fabrics Inc  
Ceco Steel Products Corp  
Central Metal Strip Co  
Chamberlin Co of America  
DeLance Metal Weatherstrip Co  
Dennis (W J) & Co  
Dorbin Metal Strip Mfg Co  
Dyke Brothers  
Handyman Co  
Ideal Co  
Lock Joint Window Co  
MacLachlan-Duncan Co  
Master Metal Strip Service Inc  
Monarch Metal Weatherstrip Corp  
Mortell (J W) Co  
N & W Co  
National Metal Products Co  
Prestito Engineering Co  
Protex Weatherstrip Mfg Co  
Rhodes (James H) & Co  
Robbins Mfg Co  
R O W Sales Co  
Samsom Products Co  
Security Co  
Van Cleef Brothers Inc  
Weatherproof Products Corp  
Window Conditioning Co  
Zegers Inc

#### WEATHERSTRIPPING, COMBINATION SASH BALANCE

Allmetal Weatherstrip Co  
Raltz (R N) Co  
Central Metal Strip Co  
Master Metal Strip Service Inc  
Zegers Inc

#### WEATHERSTRIPPING, DOOR AND DOOR BOTTOM

Accurate Metal Weatherstrip Co  
Colgate Mfg Corp  
Dorbin Metal Strip Mfg Co  
Handyman Co  
Security Co  
Thermal Co  
Wagner Mfg Co  
Waterloo Sales Co

#### WEIGHTS, SASH

Belmont Smelting & Refining Works Inc  
Hiramson Mfg Co  
Grey Iron Casting Co  
Industrial Iron Works  
Jansco & Co  
National Lead Co  
National Sash Weight Corp  
Rock Island Millwork Co  
Somerville Iron Foundry Co  
Thayer Foundry Co  
Waterbury Foundry Co  
Yankers Sash Weight Corp

#### WHEELS, BARROW

French & Hecht Div Kelsey-Hayes Wheel Co  
Goodrich (B F) Co  
Goodyear Tire & Rubber Co  
Jackson Mfg Co  
Kewanee Mfg Co  
Lansing Co

#### WHEELS, GRINDING

Albertsons & Co Inc  
Abrasive Products Inc  
Allis-Chalmers Mfg Co  
American Emery Wheel Works  
Bay State Abrasive Products Co  
Black & Decker Mfg Co  
Boley-Crane Co  
Bradford Machine Tool Co  
Bridgport Safety Emery Wheel Co  
Carborundum Co  
Chicago Wheel & Mfg Co  
Cortland Grinding Wheels Corp  
Deere & Co  
Dremel Mfg Co

Fairbanks Morse & Co  
Goodrich Grinding Wheel Co  
Hanchett Mfg Co  
Independent Pneumatic Tool Co  
Mid-West Abrasive Co  
Norton Co  
Simons Abrasive Co Div Simonds Saw & Steel  
Co  
Skilway Inc  
Starling Grinding Wheel Div Cleveland Quar-  
ries Co  
Vitrified Wheel Co

#### WHEELS, HAND TRUCK

Electric Wheel Co  
French & Hecht Div Kelsey-Hayes Wheel Co  
General Tire & Rubber Co  
Hamilton Caster & Mfg Co  
Lansing Co  
Nutting Truck & Caster Co  
Thomas Truck & Caster Co

#### WINCHES, HAND

Bridgport Chain & Mfg Co  
Clyde Iron Works Inc  
Erie Hoist Co  
Stephens-Adamson Mfg Co

#### WINCHES, TRACTOR AND TRUCK

American Hoist & Derrick Co  
Bridgport Chain & Mfg Co  
Four Wheel Drive Auto Co  
Fruhauf Trailer Co  
Hyster Co  
Ottis Corp Industrial Div  
Original Endless Co  
Shepard Niles Crane & Hoist Corp  
Silent Hoist & Crane Co  
Stummel Winch Co  
Wood (Gar) Industries

#### WINDMILLS

Aermotor Co  
Baker Mfg Co  
Deminger Mill Mfg Co  
Fairbanks Morse & Co  
Flint & Walling Mfg Co  
New England Tank & Tower Co  
Stover Steel Tank & Mfg Co

#### WINDOWS, ALUMINUM, GLASS LOUVRES

Outside Venetian Blind Co

#### WINDOWS, AWNING, METAL

All-Lite Metal Window Co  
Aluminum Window Corp  
Aro-Vent Aluminum Corp  
Brown & Grist  
Croft Steel Products Inc Sub Lundell-Eck-  
berg Mfg Co  
Fawco Mfg Div Falls Stamping & Welding  
Co  
Fenster Building Products  
Fentron Steel Works Inc  
Industrial Machine Tool Co Inc Window Div  
Ludman Corp  
Miami Window Corp  
Stewart Iron Works Co Inc  
Super-Vent Co  
Trim-Set Corp Sub Fentron Steel Works  
Inc  
Trucon Steel Co  
Valley Metal Products Co

#### WINDOWS, AWNING, WOOD

Fox Brothers Mfg Co  
Gate City Sash & Door Co  
Balscrren Co

#### WINDOWS, BARN, STEEL

Ceco Steel Products Corp  
Clay Equipment Corp  
Copeco Steel & Engineering Co  
Crittall Inc  
Croft Steel Products Inc  
Donley Brothers  
Fenster Building Products  
Goodcraft Metal Products Co  
Hope's Windows Inc  
Inland Steel Products Co  
James Mfg Co  
Kaptur (Joseph J) Sales Co  
Kewanee Mfg Co  
Klauser Mfg Co  
Londen Machinery Co  
Mesker Brothers  
Ney Mfg Co  
Olson Mfg Co  
Starline Inc  
Stiecraft Mfg Co  
Trucon Steel Co  
Valley Metal Products Co Inc  
Vento Steel Products Co Inc

#### WINDOWS, BARN, WOOD

American Sash & Door Co  
Anderson Corp  
Bullfinch Lumber & Mfg Co  
Burke Millwork Co  
Carr Adams & Collier Co  
Cole Mfg Co  
Curtis Co Inc  
Farley & Loetscher Mfg Co  
Gragg & Son Inc

Hines (Edward) Lumber Co  
Huttig Mfg Co  
Ideal Co  
Long-Bell Lumber Co  
Marquart Millwork Co  
Morgan Co  
Morgan Sash & Door Co  
National Screen Door Co  
National Woodwork Mfrs Association  
Northwest Door Co  
Phenix Mfg Co  
Ponderosa Pine Woodwork  
Roach & Musser Co  
Rock Island Millwork Co  
Segelie & Kohlhaas Co  
Silbernagel (George J) & Sons Co  
Spokane Sash & Door Co  
West Coast Lumbermen's Association  
Western Pine Association  
White Pine Sash Co

#### WINDOWS, BASEMENT, ALUMINUM

Alcaco Products Inc  
Aluminum Window Corp  
Croft Steel Products Inc  
Kauffmann Corp  
Kewanee Mfg Co  
Valley Metal Products Co

#### WINDOWS, BASEMENT, STEEL

Adams Co  
Baruhart (A W) Co  
Bogert & Carough Co  
Bewar Iron & Steel Co  
Fries & Son  
Thurn (J S) Co  
Valley Metal Products Co

#### WINDOWS, BASEMENT, WOOD

Anderson Corp  
Anderson (V E) Mfg Co  
Angel Novelty Co  
Burke Millwork Co  
Carr Adams & Collier Co  
Cole Mfg Co  
Curtis Co Inc  
Farley & Loetscher Mfg Co  
Gragg & Son Inc  
Hines (Edward) Lumber Co  
Huttig Mfg Co  
Ideal Co  
Kinnum Pine Mills Co  
Long-Bell Lumber Co  
Long Lake Lumber Co  
Marquart Millwork Co  
Morgan Co  
National Woodwork Mfrs Association  
Northwest Door Co  
Pacific Mutual Door Co  
Ponderosa Pine Woodwork  
Radford Co  
Roach & Musser Co  
Rock Island Millwork Co  
Roberson Co  
Segelie & Kohlhaas Co  
Silbernagel (George J) & Sons Co  
West Coast Lumbermen's Association  
Weyerhaeuser Sales Co  
White Pine Sash Co

#### WINDOWS, BASEMENT AND UTILITY, STEEL

Alcaco Products Inc  
Barley (William) Co  
Borstwick Steel Lath Co  
Ceco Steel Products Corp  
Clay Equipment Corp  
Copeco Steel & Engineering Co  
Crittall Inc  
Croft Steel Products Inc  
Donley Brothers  
Fenster Building Products  
Flynn (Michael) Mfg Co  
Gabriel Steel Co  
Goodcraft Metal Products Co  
Hope's Windows Inc  
Inland Steel Products Co  
Kaptur (Joseph J) Sales Co  
Kewanee Mfg Co  
Majestic Co  
Mesker Brothers  
Modern Stainless Specialties Co Div Modern  
Electric Laboratory  
New Monarch Machine & Stamping Co  
Soule Steel Co  
Stiecraft Mfg Co  
Trucon Steel Co  
U S Gypsum Co  
Vento Steel Products Co Inc

#### WINDOWS, BASEMENT AND UTILITY, WOOD

Alcaco Products Inc  
A B C Steel Equipment Co Inc  
Adams & Westlake Co  
Alcaco Products Inc  
All-Lite Metal Window Co  
Aluminum Window Corp  
Aluminum Window Mfrs Association  
Barley (William) Co  
Clark-Babbitt Industries Inc  
Compe-Miracle Products Co  
Croft Steel Products Inc  
Cuppola Products Corp  
Eagle-Picher Co  
Fentron Steel Works Inc  
Fleet of America  
Flour City Ornamental Iron Co  
Flynn (Michael) Mfg Co  
General Bronze Corp

Harris Inc  
Higgins Inc  
Holister Coil Spring Mfg Co  
Hope's Windows Inc  
Kewanee Mfg Co  
Lansing Engineering Co  
Maco Corp  
Metal Arts Mfg Co  
Metal Window Service Co  
Pennsylvania Wire Glass Co  
Peterson Window Co  
Reynolds Metal Co Building Products Div  
Russell (F C) Co  
Starling Windows Inc  
Storm Windows of Aluminum Inc  
Thurn (J S) Co  
Tim Windows Inc  
Trim-Set Corp Sub Fentron Steel Works Inc  
Union Aluminum Co Inc  
V-Seal Corp  
Valley Metal Products Co  
Ware Laboratories Inc  
Watco Engineering Inc  
Weather-Proof Co  
Windlume Corp

#### WINDOWS, CASEMENT, STEEL

Allen Steel Products  
Baruhart (A W) & Co  
Barley (William) Co  
Ceco Steel Products Corp  
Copeco Steel & Engineering Co  
Crittall Inc  
Croft Steel Products Inc  
Decatur Iron & Steel Co  
Fenster Building Products  
Flynn (Michael) Mfg Co  
Goodcraft Metal Products Co  
Hope's Windows Inc  
Kaptur (Joseph J) Sales Co  
Kewanee Mfg Co  
Mesker Brothers  
Mesker (George L) Steel Corp  
Metal Window Service Co  
Michel & Pfeffer Iron Works  
New Monarch Machine & Stamping Co  
Potts-Farrington Co  
Republic Steel Co  
Screens & Fabricated Metals Corp  
Soule Steel Co  
Stiecraft Mfg Co  
Steel Window Products Co  
Thurn (J S) Co  
Trucon Steel Co  
Vento Steel Products Co Inc  
Vincor Sales Co  
Williams & Williams Products Corp

#### WINDOWS, CASEMENT, WOOD

American Sash & Door Co  
Anderson Corp  
Bies-Colman Lumber Co Inc  
Brown-Graves Co  
Burke Millwork Co  
Carr Adams & Collier Co  
Cole Mfg Co  
Curtis Co Inc  
Farley & Loetscher Mfg Co  
Gragg & Son Inc  
Hines (Edward) Lumber Co  
Huttig Mfg Co  
Huttig Sash & Door Co  
Ideal Co  
Koytiner Frame & Mfg Co  
Kinnum Pine Mills Co  
Long-Bell Lumber Co  
Malta Mfg Co  
Marquart Millwork Co  
Millwork Distributors Co  
Morgan Co  
Morgan Sash & Door Co  
National Woodwork Mfrs Association  
Northwest Door & Plywood Co  
Pacific Mutual Door Co  
Panel Windows Inc  
Ponderosa Pine Woodwork  
Pullum Window Corp  
Quigley (J R) Co  
Radford Co  
Roach & Musser Co  
Rock Island Millwork Co  
Roberson Co  
Segelie & Kohlhaas Co  
Silbernagel (George J) & Sons Co  
Sudaker (Frank C) & Co  
Spokane Sash & Door Co  
Walworth Co  
West Coast Lumbermen's Association  
Western Pine Association  
White Pine Sash Co

#### WINDOWS, COMBINATION SCREEN AND STORM SASH, ALUMINUM

Alcaco Inc  
Aluminum Corp of America  
Aluminum Window Mfrs Association  
Aluminum Window Corp  
Compe-Miracle Products Co  
General Bronze Corp  
Eagle-Picher Co  
Holister Coil Spring Mfg Co  
Metal Window Service Co  
Russell (F C) Co  
Storm Windows of Aluminum Inc  
Thurn (J S) Co  
V-Seal Corp  
Watco Engineering Inc  
Weather-Proof Co

#### WINDOWS, COMBINATION SCREEN AND STORM SASH, STEEL

Alcaco Inc  
Aluminum Corp of America  
Aluminum Window Mfrs Association  
Aluminum Window Corp  
Compe-Miracle Products Co  
General Bronze Corp  
Eagle-Picher Co  
Holister Coil Spring Mfg Co  
Metal Window Service Co  
Russell (F C) Co  
Storm Windows of Aluminum Inc  
Thurn (J S) Co  
V-Seal Corp  
Watco Engineering Inc  
Weather-Proof Co

Baruhart (A W) Co  
Barley (William) Co  
Ceco Steel Products Co  
Chamberlin Co of America Inc  
Cory-Jameson Mfg Corp

List of Manufacturers' Names With  
Complete Addresses Starts on Page D-67

Fenestra Building Products  
Ingersoll Steel Div Borg-Warner Corp  
Kane Mfg Corp  
Kaptor (Joseph J) Sales Co  
Kaufmann Corp  
Kewanee Mfg Co  
Michel & Pfeiffer Iron Works  
Robbins Mfg Co  
Trucon Steel Co

#### WINDOWS, COMBINATION SCREEN AND STORM SASH, WOOD

Anderson Corp  
Anderson (V E) Mfg Co  
Angel Novelty Co  
Brown Graves Co  
Burke Millwork Co  
Carr Adams & Collier Co  
Curtis Cos Inc  
Edward Window Corp  
Farley & Loetscher Mfg Co  
Fiddes-Moore & Co  
Gregg & Son Inc  
Hemphill (A D) Co  
Hope's Windows Inc  
Huttig Mfg Co  
Marquart Millwork Co  
Northern Wood Products Co  
Orange Screen Co  
Phenix Mfg Co  
Prentice (F W) & Co  
Rock Island Millwork Co  
Schumacher (F E) Co  
Security Sash & Screen Co  
Seneca Lumber & Millwork Co  
Spokane Sash & Door Co  
Weather-Seal Inc  
Window Conditioning Co  
Window Window Co  
Yardley Industries

#### WINDOWS, DOUBLE-HUNG, ALUMINUM

A B C Steel Equipment Co Inc  
Adams & Westlake Co  
Alconco Products Inc  
Aluminum Window Corp  
Aluminum Window Mfrs Association  
Barley (William) Co  
Cristalline Rabbit Industries Inc  
Compo-Miracle Products Co  
Crest Steel Products Inc  
Cupples Products Corp  
Eagle Pieper Co  
Fleet of America Inc  
Flour City Ornamental Iron Co  
Flynn (Michael) Mfg Co  
General Bronze Co  
Harris, Inc  
Higgins, Inc  
Hollister Coil Spring Mfg Co  
Hope's Windows Inc  
Kaufmann Corp  
Kewanee Mfg Co  
Metal Arts Mfg Co  
Metal Window Service Co  
Nu-Kra Window Co  
Pennsylvania Wire Glass Co  
Peterson Window Co  
Reynolds Metals Co Building Products Div  
Russell (E C) Co  
Sterling Windows Int  
Thorn (J S) Co  
Trim-Set Corp Sub Fenestron Steel Works Inc  
Union Aluminum Co Inc  
Valley Metal Products Co  
Ware Laboratories Inc  
Weather-Proof Co  
Wateo Engineering Inc  
Windlume Corp

#### WINDOWS, DOUBLE HUNG, SAFETY

International Safety Window Corp

#### WINDOWS, DOUBLE HUNG, STEEL

Adams & Westlake Co  
American Sheet Metal Works  
One-Der Frame Corp  
Pomeroy (S H) Co Inc  
Potts-Farrington Co  
Russell (F C) Co  
Seale Steel Co  
Steel Window Products Co  
Sterling Windows Int  
Thorn (J S) Co  
Trucon Steel Co

#### WINDOWS, DOUBLE HUNG, WOOD

American Sash & Door Co  
Anderson Corp  
Anson & Gilkey Co  
Bliss-Coleman Lumber Co Inc  
Brown Graves Co  
Buffelen Lumber & Mfg Co  
Burke Millwork Co  
Carr Adams & Collier Co  
Cole Mfg Co  
Curtis Cos Inc  
Deer Park Pine Industry Inc  
Farley & Loetscher Mfg Co  
General Woodcraft Co  
Goshen Sash & Door Co  
Gregg & Son Inc  
Hines (Edward) Lumber Co  
Hatchkins Brothers Co  
Hurd Millwork Corp  
Huttig Mfg Co  
Huttig Sash & Door Co  
Ideal Co  
Keystone Frame & Mfg Co  
Kinna Pine Mills Co  
Lockwood Wood Products  
Long-Bell Lumber Co  
Marquart Millwork Co  
Millwork Distributors Co

Morgan Sash & Door Co  
National Woodwork Mfrs Association  
N S W Co  
Northern Sash & Door Co  
Northwest Door Co  
Pacific Mfg Co  
Pacific Mutual Door Co  
Ponderosa Pine Woodwork  
Pulham Window Corp  
Quigley (J B) Co  
Radford Co  
Roach & Munser Co  
Robertson (A) & Son Inc  
Rock Island Millwork Co  
Rockwell Sales Corp  
R O W Saling Co  
Sewens & Fabricated Metals Corp  
Segelke & Kohlbaum Co  
Semling-Menke Co  
Silbernagel (George J) & Sons Co  
Soudaker (Frank C) & Co  
Wabash Screen Door Co  
Western Pine Association  
Western Pine Mfg Co Ltd  
Weyertauer Sales Co  
White Pine Sash Co

#### WINDOWS, GLASS BLOCK AND SLIDING SASH

American Structural Products Co

#### WINDOWS, HORIZONTAL GLIDING, METAL

Peterson Window Co

#### WINDOWS, HORIZONTAL GLIDING, WOOD

Anderson Corp  
Anson & Gilkey Co  
Burke Millwork Co  
Farley & Loetscher Mfg Co  
Gregg & Son  
Kinna Pine Mills Co  
Long-Bell Lumber Co  
Morgan Co  
Northwest Door & Plywood Co  
Silbernagel (George) & Sons Co  
Spokane Sash & Door Co  
Western Pine Mfg Co  
White Pine Sash Co

#### WINDOWS, IRON, WROUGHT

Mesker Bros  
Newman Brothers Inc

#### WINDOWS, LOUVER, ALUMINUM

Fenestron Steel Works Inc  
Trim-Set Corp Sub Fenestron Steel Works Inc

#### WINDOWS, LOUVER, STEEL

Stewart Iron Works Co Inc

#### WINDOWS, PIVOTED AND PROJECTED, ALUMINUM

A B C Steel Equipment Co  
Aluminum Window Corp  
Aluminum Window Mfrs Association  
Barnhart (A W) Co  
Barley (William) Co  
Cupples Products Corp  
Flynn (Michael) Mfg Co  
General Bronze Corp  
Reynolds Metals Co Building Products Div  
Thorn (J S) Co  
Valley Metal Products Co

#### WINDOWS, PIVOTED AND PROJECTED, STEEL

Adams Co  
Allen Steel Products  
Barley (William) Co  
Boquet & Carlucci Co  
Ceco Steel Products Corp  
Cupon Steel & Engineering Co  
Crittall Inc  
Decatur Iron & Steel Co  
Fenestra Building Products  
Flynn (Michael) Mfg Co  
Goodcraft Metal Products  
Hope's Windows, Inc  
International Steel Co  
Kaptor (Joseph J) Sales Co  
Kewanee Mfg Co  
Marquart Millwork Co  
Mesker Brothers  
Mesker (George L) Steel Corp  
Michel & Pfeiffer Iron Works Inc  
Republic Steel Corp  
Seale Steel Co  
Schumacher (F E) Co  
Vimcar Sales Co  
Weather-Seal Inc  
West Coast Lumbermen's Association  
Western Pine Association  
White Pine Sash Co  
Window Conditioning Co

#### WINDOWS, PIVOTED AND PROJECTED, WOOD

Copes Steel & Engineering Co  
Farley & Loetscher Mfg Co  
Hayman Window Co  
Huttig Sash & Door Co  
Kewanee Mfg Co  
Marquart Millwork Co  
Morgan Sash & Door Co  
Pacific Mutual Door Co  
Segelke & Kohlbaum Co  
Silbernagel (George) & Sons Co

#### WINDOWS, ROUND, WOOD

Curtis Cos Inc  
Webb Mfg Co

#### WINDOWS, SECURITY, STEEL

Barley (William) Co  
Ceco Steel Products Corp  
Ceco Steel & Engineering Co  
Crittall Inc  
Crest Steel Products Inc  
Fenestra Building Products  
Flynn (Michael) Mfg Co  
Hope's Windows Inc  
International Steel Co  
Kaptor (Joseph J) Co  
Mesker Brothers  
Trucon Steel Co  
Veneto Steel Products Co Inc

#### WINDOWS, STORM, ALUMINUM

Aluminum Window Corp  
Eagle-Pieper Co

#### WINDOWS, STORM, STEEL

Adams Co  
Alcon Inc  
Aluminum Window Corp  
Barnhart (A W) & Co  
Ceco Steel Products Corp  
Chamberlin Co of America  
Crest Steel Products Inc  
Decatur Iron & Steel Co  
Fenestra Building Products  
Hollister Coil Spring Mfg Co  
Hope's Windows Inc  
Kane Mfg Corp  
Kewanee Mfg Co  
Leckhart Mfg Corp  
Mesker Brothers  
Metal Window Service Co  
New Research Machine & Stamping Co  
Orange Screen Co  
Reynolds Metals Co Building Products Div  
Robbins Mfg Co  
Russell (F C) Co  
Security Sash & Screen Co  
Seale Steel Co  
Starline Inc  
Steelcraft Mfg Co  
Steel Window Products Co  
Sterling Windows Inc  
Trucon Steel Co  
Veneto Steel Products Co Inc  
Ware Laboratories Inc  
Weather-Proof Co  
Williams Gil-O-Matic Div Eureka Williams Corp

#### WINDOWS, STORM, WOOD

Anderson Corp  
Anderson (V E) Mfg Co  
Angel Novelty Co  
Arroy Mfg Co  
Brown Graves Co  
Burke Millwork Co  
Carr Adams & Collier Co  
Chamberlin Co of America Inc  
Cole Mfg Co  
Continental Screen Co  
Curtis Cos Inc  
Edward Window Corp  
Farley & Loetscher Mfg Co  
Fiddes-Moore & Co  
Gregg & Son Inc  
Hemphill (A D) Co  
Hines (Edward) Lumber Co  
Holler Sash & Door Co  
Huttig Mfg Co  
Huttig Sash & Door Co  
Kinna Pine Mills Co  
Long-Bell Lumber Co  
Marquart Millwork Co  
Morgan Co  
Morgan Sash & Door Co  
National Screen Door Co  
National Woodwork Mfrs Association  
Northwest Door & Plywood Sales  
Pacific Mutual Door Co  
Phenix Mfg Co Inc  
Ponderosa Pine Woodwork  
Prentice (F W) & Co  
Roach & Munser Co  
Robbins Mfg Co  
Rock Island Millwork Co  
Russell (F C) Co  
Schumacher (F E) Co  
Silbernagel (George J) & Sons Co  
Spokane Sash & Door Co  
Vimcar Sales Co  
Weather-Seal Inc  
West Coast Lumbermen's Association  
Western Pine Association  
White Pine Sash Co  
Window Conditioning Co

#### WINDOWS, UNIT, DOUBLE PANE

Libbey-Owens Ford Glass Co  
Pittsburgh Plate Glass Co

#### WINDOWS, VERTICAL GLIDING, ELECTRICALLY OPERATED

Vita Automatic Windows Inc

#### WINDOWS, WOOD, WITH LOUVRES BELOW

Solar Air-Flo Co

#### WIRE

Berger Mfg Co Div Republic Steel Corp

#### WIRE, GALVING

Wickwire Spence Steel Div Colorado Fuel & Iron Corp

#### WIRE, BARBED

American Chain Link Fence Co  
Bambrick (Richard J)  
Bethlehem Steel Co  
Colorado Fuel & Iron Corp  
Columbia Steel Co  
Copperweld Steel Co  
Jones & Laughlin Corp  
Nichols Wire & Aluminum Co  
Shield Steel Corp

#### WIRE, ELECTRICAL

American Steel & Wire Co  
Anaconda Wire & Cable Co  
Chase Brass & Copper Co  
Copperweld Steel Co  
Ewers Wire Corp Parantite Wire & Cable Div  
General Cable Corp Sub Anaconda Copper Co  
Hoyt  
Hazard Insulated Wire Works Div Okonite Co  
National Advocate Wiring Bureau National Electrical Mfrs Association  
National Electric Products Corp  
Revere Copper & Brass Inc  
Roehling's (John A) Sons Co  
U S Rubber Co

#### WIRE, GALVANIZED STEEL

American Chain Link Fence Co  
American Steel & Wire Co  
Armo Steel Corp  
Bethlehem Steel Corp  
Century Fence Co  
Colorado Fuel & Iron Corp  
Columbia Steel Co  
Continental Steel Corp  
Johnson Steel & Wire Co  
Jones & Laughlin Steel Corp  
Keystone Steel & Wire Co  
Laralde Steel Co  
Nichols Wire & Aluminum Co  
Northwestern Steel & Wire Co  
Republic Steel Corp  
Seneca Wire & Mfg Co  
Shield Steel Corp  
Tennessee Coal Iron & Railroad Co  
Wickwire Spence Steel Div Colorado Fuel & Iron Corp  
Wilson Steel & Wire Co  
Youngstown Sheet & Tube Co

#### WIRE, TIE

American Brass Co  
American Steel & Wire Co  
Bethlehem Steel Corp  
Botwin's Steel Lath Co  
Ceco Steel Products Corp  
Continental Steel Corp  
Copperweld Steel Co  
Ceco Steel Products Co  
International Steel & Wire Co Inc  
Keystone Steel & Wire Co  
National Gypsum Co  
Penn Metal Co Inc  
Sommer Metalcraft Corp  
Summers Clamp & Mfg Co  
Trucon Steel Co  
U S Gypsum Co  
Wickwire Spence Steel Div Colorado Fuel & Iron Corp

#### WIRING, ELECTRICAL, MULTI-OUTLET

Wireworld Co

#### WOOD, BALSA

Balsa Ecuador Lumber Corp  
Johnson & Carlson  
Luttb (F C) & Co

#### WOOD, COMBREGATED

Farley & Loetscher Mfg Co  
Parkwood Corp  
Pinewood Industries

#### WOOD, PLASTIC

Boyle-Midway Inc  
Durham (Donald) Co  
Pittsburgh Plate Glass Co  
Schalk Chemical Co

#### WOODWORK, FLAMEPROOF

Fox Brothers

#### WOOL, STEEL

American Steel Wool Mfg Co  
Brillo Mfg Co  
Clarke Sanding Machine Co  
Eagle Steel Wool Co  
International Steel Wool Corp  
Rhodes (James H) & Co  
Williams Co

#### WRENCHES

Andrew Wrench Co  
Black & Decker Mfg Co  
Independent Pneumatic Tool Co  
International Twist Drill Corp  
North Brothers Mfg Co Div Stanley Tools  
P & C Hand Forged Tool Co  
Peck Stow & Wilcox Co  
Frodo Tool Co  
Walworth Co

## SECTION II

### Alphabetical List of Building Products and Equipment

# Brand Names

The Names of Manufacturers With Advertisements in This Issue Appear in Boldface Type in the List of Manufacturers' Names and Addresses Starting on Page D-67

**B**RAND NAMES used to identify principal building products and equipment of major manufacturers are listed in this section in alphabetical order with the names of manufacturers using the brand names. Trade and brand names popularly used in the building industry are listed irrespective of their registration. This selective list is presented for the convenience of builders,

contractors, architects and retail material dealers who will find it helpful in identifying the manufacturers of certain building products and equipment.

The names of the manufacturers are listed after the brand or trade name. The complete addresses of the manufacturers will be found in Section III beginning on page D-67.

\* \* \*

**A**

A A & A—Athens (C E) & Co  
 A B—Astorfer Brothers Co  
 ABC—American Blower Corp  
 A B C—Astorfer Brothers Co  
 ABBASWELL—Lincoln Electric Co  
 ACCELLA—Anti-Hydro Waterproofing Co  
 ACE BRIGHT—Woodville Lume Co  
 ACFA—American Chain Div of American Chain & Cable Co Inc  
 ACUTEX—Armstrong Cork Co  
 ACID-CAUSTIC BOND—Wilber & Williams Co  
 ACIDOL—Sullivan Co  
 ACID-FROOF—Quigley Co  
 ACIL—Owens-Illinois Glass Co  
 ACME NEUSTABLE—Republic Steel Corp  
 ACME—Eagle Lock Co  
 ACME—Goldblatt Tool Co  
 ACME—Certain-lead Products Corp  
 ACME—Keystone Steel & Wire Co  
 ACME—Inland Steel Products Co  
 ACORN—Rubbell (Harvey) Inc  
 ACUSTI-CELOTEX—Celotex Corp  
 ACUSTITE—Coast Insulating Products  
 ACUSTIMASTIC—Peora Paint Co  
 ACUSTILIGHT—U S Gutta Percha Paint Co  
 ACURSTONE—U S Gypsum Co  
 ACURSTILLITE—Insulate Div Minnesota & Ontario Paper Co  
 ACATHERM—Minneapolis-Honeywell Regulator Co  
 ACROFLAME—American Radiator & Standard Sanitary Corp  
 ACTEAST—Speakman Co  
 ACTINO—Protective Coatings Inc  
 ACTIVE-AIR—Hill Co  
 ACTIVE-FLAME—Hill Co  
 A-D BOARD—Cary (Philip) Mfg Co  
 ADDRESSERETTE—Elliott Addressing Machine Co  
 ADJUSTA-LITE—Adjuata-Pont Mfg Co  
 ADJUSTA—Milwaukee Flush Valve Co  
 ADMIRAL—Flat Metal Mfg Co  
 ADIBUD—Flintkote Co  
 ADVANCE—Lansing Co  
 AERISWELD—Lincoln Electric Co  
 AEROFUSE—Tuttle & Bailey Inc  
 AEROLUX—Johnson Inc  
 AEROPLEX—American Blower Corp  
 AEROVANE—Tuttle & Bailey Inc  
 AETVA—Eagle Lock Co  
 AETVA—Samson Cordage Works  
 AETNAPL—Actna Plywood & Veneer Co  
 AFTCO—American Foundry & Furnace Co  
 AGATEX—Trucon Laboratories Inc  
 AGATITE—Certain-lead Products Corp  
 AGIBALE—Air Industries Inc  
 AGM—American Gas Machine Co  
 AGRICO—American Agricultural Chemical Co  
 AGWI—American Radiator & Standard Sanitary Corp  
 A-H & H—Arrow-Hart & Hegeman Electric Co  
 AIRACORUSTIC—Johns-Manville Corp  
 AIR CHANGERS—Eagle-Fisher Co  
 AIR CONTROLS—Pastel Products Co  
 AIRCRETE—Sullivan Co

AIR-DEYETTE JR.—Solway Sales Div Allied Chemical & Dye Corp  
 AIR-BAY-ATOP—Ray Oil Burner Co  
 AIR-FLD—Lennox Furnace Co  
 AIRFLOW—Inland Steel Products Co  
 AIRFOIL—Autovent Fan Co  
 AIRFOIL—Erasco Products Co  
 AIRIZETOP—Swartout Co  
 AIRLOK—Plastering Wall Board Co  
 AIRMOVER—Swartout Co  
 AIR-O-FLEX—Asar Register Co  
 AIR-O-MATIC—Williams Oil-O-Matic Div Eureka-Williams Corp  
 AIR-SEEL—Silent Glow Oil Burner Corp  
 AIRSLAB—Farley & Loetzer Mfg Co  
 AIRSTAR—Minneapolis-Honeywell Regulator Co  
 AIRTITE—Inland Steel Products Co  
 AIRTROL—Bell & Gossett Co  
 AIR-TURN—Barber-Colman Co  
 AIR-VALVE—Swartout Co  
 AIR-VENT—Ruberoid Co  
 AIR WAYE—Trade-Wind Meterfans Inc  
 AIRWAY—Firecraft Corp  
 AJAX—Case Crane & Kilbourne Jacobs Co  
 AJAX—Sherwin-Williams Co  
 AKOUSTIKOS—Johns-Manville Corp  
 ALABAMA—"FOUR-A-QUALITY"—Alabama Metal Lath Co  
 ALARAX—Fass & Sermous Inc  
 ALACRETE—Alabama Cement Tile Co  
 ALACROME—Macklanburg-Duncan Co  
 ALBRO—Aluminum Co of America  
 ALCHEMIK—Trucon Laboratories Div Devoe & Reynolds Inc  
 ALCLAD—Aluminum Co of America  
 ALCONA—Aluminum Co of America  
 ALDEN—American Radiator & Standard Sanitary Corp  
 ALDIWA—New York Wire Cloth Co  
 ALFPO—American-La France-Possante Corp  
 ALFRESCO—Beardon Co  
 ALGOMA—U S Plywood Corp  
 ALGONITE—U S Plywood Corp  
 ALINO—Clay Clay Pipe Co  
 ALKABAR—Trucon Laboratories Div Devoe & Reynolds Inc  
 ALKACITE—Protective Coating Inc  
 ALLAN-WOOD—Johns Mfg Co Inc  
 ALLEGHENT METAL—Allegheny Ludlum Steel Corp  
 ALLESTON—American Radiator & Standard Sanitary Corp  
 ALLIGATOR—Albini-Prophy Inc  
 ALLTITE—Coast Insulating Products  
 ALLVENT—Autovent Fan & Blower Div Nelson—American Chemical Paint Co  
 ALLWEATHER—Flintkote Co  
 ALL-WEATHER—Ford Roofing Products Co  
 ALMAYOR—American Chemical Paint Co  
 ALMOXITE—Carborundum Co  
 ALPINA—Inland Steel Products Co  
 ALMAYOR—Clay Wire & Supply Co  
 ALMAYALY—Research Products Corp  
 ALMABROLL—Aluminum Awning Co Div Greard Brothers Inc

ALUMABOLL—Wagner Awning & Mfg Co  
 ALUMEX—Mexico Refractories Co  
 ALUMIKOTE—Vita-Vac Corp  
 ALUMINOX—Central Paint & Varnish Works  
 ALUMINUM—Keystone Steel & Wire Co  
 ALUMINUM TOP—Keystone Steel & Wire Co  
 ALUMINWELD—Lincoln Electric Co  
 ALUMI-ROOF—Sheffield Bronze Paint Corp  
 ALUMI-SHIELD—Metal Tile Products Inc  
 ALUMITILE—Metal Tile Products Inc  
 ALUMIWALL—Bottle Mfg Co  
 ALUMSI-DROMP—Beryoxide Metals Co  
 ALUMOGRIT—Woolter Products Inc  
 ALUNUM—Armor & Co  
 ALWINTITE—Aluminum Window Corp  
 AMBLEBROID—Keasbey & Mattison Co  
 AMBROCID—Chapman Chemical Co  
 AMERICAN—Rotstream Heater Co  
 AMERICAN HOME—Messer Brothers  
 AMERICAN RENTAL—American Floor Surfacing Machine Co  
 AMERICAN STANDARD—American Radiator & Standard Sanitary Corp  
 AMERIGOCK—American Cabinet Hardware Corp  
 AMINCO—American Instrument Co  
 AMTICO—American Tile & Rubber Co  
 AMURSAL—Anti-Hydro Waterproofing Co  
 ANAFONDA—American Brass Co  
 ANCHOR—Barrett Div Allied Chemical & Dye Corp  
 ANCHOR—Besser Mfg Co  
 ANCHOR—Celotex Corp  
 ANCHOR—Lufkin Rule Co  
 ANCHORAIRE—Anchor Div Stratton & Torstange Co  
 ANCHORFAST—Independent Nail & Packing Co  
 ANCHORITE—Dickson Weatherproof Nail Co  
 ANCOVER—Angier Corp  
 ANDAL—Fawco Mfg Div Fall Stamping & Welding Co  
 ANDERSON—Mid-States Steel & Wire Co  
 ANDERSON—Westinghouse Electric Corp  
 Andriant Die  
 ANGLES & Richards Morse & Co  
 ANGOLOP—Pabco Products Inc  
 ANHVEDOSOL—Toch Brothers  
 A-10 BROWNKIN GRIEZLYBEAR—Angier Corp  
 ANKRAFFY—Angier Corp  
 ANSLATE—Angier Corp  
 ANSTONY—American Steel & Wire Co  
 ANTI-SLIP—Sullivan Co  
 ANTOXIDE—Du Pont (E I) de Nemours & Co  
 ANYSTREAM—Speakman Co  
 A-O—Oregon-American Lumber Corp  
 A-1—Cable (Hansen) Inc  
 APAC—Keasbey & Mattison Co  
 APARTVENT—Autovent Fan & Blower Div Nelson—American Chemical Paint Co  
 AQUADAM—Blue Ridge Yale Co Inc  
 AQUADAM—Johns-Manville Corp  
 AQUAPEL—Sonnelle Co

AQUAPROOF—Ford Roofing Products Co  
 AQUA-SEAL—Sullivan Co  
 AQUASPAR—Devoe & Reynolds Inc  
 AQUATHERM—Little (H C) Burrer Co Inc  
 AQUA-TITE—Continental Steel Corp  
 AQUILUX—Johnson (T S) Co  
 ARBORITE—U S Gypsum Co  
 ARCH HEAD—Inland Steel Products Co  
 ARCHITECT—Bird & Son Inc  
 ARCO—American Radiator & Standard Sanitary Corp  
 ARCOFLAME—American Radiator & Standard Sanitary Corp  
 ARDEN—U S Gypsum Co  
 ARDMORE—Wood (John) Mfg Co Inc  
 AREX-AUTOFIX—Aver Company  
 ARGOTILE—Flintkote Co  
 ARIDCLEAN—Anti-Hydro Waterproofing Co  
 ARIDITE—U S Gypsum Co  
 ARIDTITE—Anti-Hydro Waterproofing Co  
 ARIN ACCELERANT—Aver Co  
 ARIN STATIONARY—Aver Co  
 ARISTO-BRIC—Ruberoid Co  
 ARLINGTON—American Radiator & Standard Sanitary Corp  
 ARMAN SQUARE—American Radiator & Standard Sanitary Corp  
 ARMAN—Armstrong Cork Co  
 ARMOLAC—Sonnoborn (L) Sons Inc  
 ARMORLITE—Bird & Son Inc  
 ARMORPLY—U S Plywood Corp  
 ARMORTOP—Anti-Hydro Waterproofing Co  
 ARMSTRONG-STEEMAN—Armstrong Cork Co  
 ARRESTONE—Armstrong Cork Co  
 ARRO-LOCK—U S Gypsum Co  
 ARROW—Keystone Steel & Wire Co  
 ARROW OAS—Downing Steel Furnace Co  
 ARROW-LINE—Brombich (A D) Co  
 ART BRIC—Bird & Son Inc  
 ART-COTE—Sullivan Co  
 ART EDGE—Bird & Son Inc  
 ART IN IRON—Artrcraft Ornamental Iron Co  
 ARTISAN—Lufkin Rule Co  
 ARTI—Dewey & Reynolds Inc  
 ART-PLY—Vancouver Plywood & Veneer Co  
 ART-BOC—Trucon Laboratories Div Devoe & Reynolds Inc  
 ARBESTILE—Johns-Manville Corp  
 ARBESTOCEL—Johns-Manville Corp  
 ARBESTOCEL—Kup-Tite Co  
 ARBESTOCEL—Trucon Laboratories Div Devoe & Reynolds Inc  
 ASPHALTIC—Plastering Wall Board Co  
 ASPI—Cary (Philip) Mfg Co  
 ATLANTIC BREEZE—Pryor & Co Inc  
 ATLAS—Irvington Form & Tank Corp  
 ATLAS—Lufkin Rule Co  
 ATLAS—Internal Atlas Cement Co  
 ATTICVANE—Westinghouse Electric Corp  
 A-12—Armstrong Cork Co  
 ALUBORA—Barber-Greene Co  
 AUTUM—Herman Corp  
 AUR-O-DOOB—Richards-Wilcox Mfg Co  
 AUTO-LOC—Ludman Corp  
 AUTO MACHO—Auto Macho Corp  
 AUTOMATIC—Vesco Company  
 AUTO-THERM—Hoock & Acherman Inc  
 AUTO-WEIGHT—Buffalo Scale & Mfg Co  
 "A W"—Alan Wood Steel Co

List of Manufacturers' Names With Complete Addresses Starts on Page D-67.





FORM-A-COTE—Forman-Ford & Co  
 FORMANITE—Forman-Ford & Co  
 FORMEX—Altrump Div Chrysler Corp  
 FORMFLU—Forman-Ford & Co  
 FORM-SEAL—Sullivan Co  
 FORMSTONE—Lusting Products Co  
 FORTIFIED—U S Gypsum Co  
 40 OUTSIDE WHITE—Du Pont (E I) dr  
 Nemours & Co Inc  
 FOSH-SIT—Wacoite Brush Co  
 FOUNDATION COATING—Glidden Co  
 4-A—Alabama Metal Lath Co  
 4-ALL FARMLEY—Woodville Lime Co  
 4500—Sargent & Co  
 4-POINT—Barrett Div Allied Chemical &  
 Dye Corp  
 4-SQUARE—Weyerhaeuser Sales Co  
 FRC—Robinson Clay Product Co  
 FREE FLOW—Burt Mfg Co  
 FREEMAN—Illinois Iron & Bolt Co  
 FREEFLOTE—U S Gypsum Co  
 FRENCH LOCK—Certain-teed Products Corp  
 FRESH AIR—Bennett-Ireland Inc  
 FRESH AIR MAKER—Schwitzer-Cummins Co  
 FRIVAL—U S Marble Corp  
 FRITEX—Sonsboro (L) Sons Inc  
 FRIGIDAIRE—Frigidaire Div General Motors Corp  
 FRIGID-COAT—Wilbur & Williams Co  
 FRIGID-FLEECY—Carney Co Inc  
 FULFLO BRICKMAKER—Builders Material Inc  
 FULSICO—Taylor Instrument Co  
 FULYON—Patent Novelty Co  
 FUNGICIDE—Pittsburgh Plate Glass Co  
 FUNGUS-BR—Wilbur & Williams Co  
 FURLATH—Inland Steel Products Co  
 FURNECASTAY—Minneapolis-Honeywell  
 Regulator Co  
 FVRO-GRILL—Price Fireplace Heater & Tank  
 Corp  
 FVRO-PLACE—Price Fireplace Heater &  
 Tank Corp

GAL-VANITE—Ford Roofing Products Co  
 GALVANNEAL—Keystone Steel & Wire Co  
 GALVANNEAL—Mid-State Steel & Wire Co  
 GALVANUM—Vita-Vac Corp  
 GALVITE—Sherwin-Williams Co  
 GALV-ZINC-COATING—Blue Ridge Tale  
 Co Inc  
 GARBORD—Flintlock Co  
 GARDNER—Inland Steel Products Co  
 GARDEX—Sullivan Co  
 GASTITE—Waterman-Waterbury Co  
 G B C—General Brooming Co  
 G/C—General Controls Co  
 G/MCO—General Engineering & Mfg Co  
 GEMCO—Moore (Goodloe E) Co  
 GENERATOR—Hesterman Heater Co  
 GIANT—Barrett Div Allied Chemical & Dye  
 Corp  
 GIANT—Bird & Son Inc  
 GIANT—Breeze Corporations Inc  
 GIANT—Danner Metal Works  
 GIANT—Mid-State Steel & Wire Co  
 GIANT—Starline, Inc  
 GIANT RED DEVIL—Trescott Tool Co  
 GIANT STRIP—Johns-Manville Corp  
 GIANT WEIGHT—Barrett Div Allied Chemi-  
 cal & Dye Corp  
 GIBBALT—Pittsburgh Plate Glass Co  
 GILBRACK—Gilbert & Barker Mfg Co  
 GILSON—Gillen (J L) Co  
 GILSALME—United Atomic Laboratories  
 GILSONDIB—Flintlock Co  
 GILT EDGE—Farwell Gorman Kirk & Co  
 GIMCO BOLLARD—National Gypsum Co  
 GINGO SEALAL—National Gypsum Co  
 G-K Robinson Clay Product Corp  
 GLANIBON—Wolverine Porcelain Enameling  
 Co  
 GLASS-O-NET—Warp Brothers  
 GLASTONE—Libbey-Owens-Frank Glass Co  
 GLATES—U S Gypsum Co  
 GLAZE-OAT—Johns-Manville Corp  
 GLAZE-O-SCREES—Sol-O-Lite Mfg Co  
 GLAZ FABRIK—Sol-O-Lite Mfg Co  
 GLAZ-KALK—Sherwin Williams Co  
 GLIDEN—American Steel & Wire Co  
 GLIDE—Frantz Mfg Co  
 GLIDEAWAY—Farley & Lottschner Mfg Co  
 GLIDE-UP—Stamping Products & Mfg Co  
 GLIDE-UP—Rock Island Millwork Co  
 GILD-DOR—Car Adams & Culler Co  
 GILDSALF—Glidden Co  
 GILDTITE—Glidden Co  
 GILD—Alton Laboratories Inc  
 GLOBE—Newport Steel Corp  
 GLOBEBOARD—Barrett Mfg Co  
 GLOBE-FYR—Breeze Corporations Inc  
 GLOBGAB—Superior Fireplace Co  
 GLOBY—Inland Steel Products Co  
 G/NOSE—Breeze Corporation Inc  
 GORI—Newport Steel Corp  
 GOLD BAND—Pittsburgh Steel Products Co  
 GOLD BOND—National Gypsum Co  
 GOLD BOND-GIMCO—National Gypsum Co  
 GOLDEN FLEECY—Carney Co Inc  
 GOLDEN ROD—Hanson Wire Cloth Div  
 Continental-Industrial Industries Co Inc  
 GOLDEX—Sullivan Co  
 GOLD LABEL—Sargent-Gerke Co  
 GOLD LEAF—Sheffield Bronze & Paint Corp  
 GOLD METAL—Woodville Lime Co  
 GOLD SEAL—Morgan Co  
 GOLD STRAND—Wickwire Spencer Steel  
 Corp  
 GOLD STRIPE—Pittsburgh Plate Glass Co  
 GOLF TIP—Fletcher Terry Co  
 GOMPER—American Gas Machine Co  
 G O F & F—Goulds Pumps & Pumps Co  
 G-P PLYSHEET—Georgia-Pacific Plywood &  
 Lumber Co  
 G P F—Georgia-Pacific Plywood & Lumber  
 Co

GRADE 1—Forman-Ford & Co  
 GRADE-U-FLOW—Minneapolis-Honeywell  
 Regulator Co  
 GRADE-UP—Minneapolis-Honeywell Regu-  
 lator Co  
 GRAND FREEZE—U S Gypsum Co  
 GRATE—Trucon Laboratories Div Devoe  
 & Reynolds Inc  
 GRANDINO—American Chemical Paint Co  
 GRAPE-A-MATIC—Remington Rand Inc  
 GRAYLITE—Inland Div Minnesota & On-  
 tario Paper Co  
 GRAYWICK—Wickwire Brothers Inc  
 GREEN BRITOM—Continental Steel Corp  
 GREENWOTE—Green (A P) Fire Brick Co  
 GREEN HANDLE—Fletcher Terry Co  
 GREEN SEAL—U S Gypsum Co  
 GREEN TIP—Keystone Steel & Wire Co  
 GRAYSTONE—American Asphalt Roof Corp  
 GRILL—Murray (J J) Mfg Co  
 GRILLADIER—Bennett-Ireland Inc  
 GRIP-LUC—La Belle Industries Inc  
 GRITTY—Sullivan Co  
 GRIPLOK—Grand Specialties Co  
 GRIPITITE—Sommer Metalcraft Corp  
 GUARD—Certain-teed Products Corp  
 GUARDENE—Fyrene Mfg Co  
 GUARDIN—Flintlock Co  
 GUNDRILL—Coppo Steel & Engineering Co  
 GULF—Porter-Cable Co  
 GULFHALL—Messer Brothers  
 GULFSTEEL—Burdette Steel Corp  
 GUN INSTRUMENT—U S Gypsum Co  
 GY-LAP—U S Gypsum Co  
 GYSTEEEL—Certain-teed Products Corp

HAKO—Hachmeister Inc  
 HALF-ROUND GUTTER—Inland Steel Pro-  
 ducts Co  
 HALLMARK—Beardon Co  
 HAMMER-SETS—Rawling Co Inc  
 HANDBREWST—Star Expansion Bolt Co  
 HANDLING—Standard Conveyor Co  
 HAND-CRANE—Construction Machinery Co  
 HANDPILER—Standard Conveyor Co  
 HANDY PAINT—Hart & Colby & Brother Co  
 HANDY FARMER—Johnson Industries  
 HANDY-HUT—United Steel Fabricators Inc  
 HANDEL—National Lead Co  
 HARBORD—Harbor Plywood Corp  
 HARBORD FLYCRITE—Harbor Plywood Co  
 HARBOR—National Lead Co  
 HARBUCRY—Harbor Plywood Corp  
 HARMOLD—Harbor Plywood Corp  
 HARVARI—Starline Tools  
 HARVESTER—Starline Inc  
 HARDWELD—Lincoln Electric Co  
 HASKO—Haskell Mfg Co  
 HASKO ARCH-KOOL—Haskell Mfg Corp  
 HASTINGS—Metal Tile Products Inc  
 HAWK SPREAD—Ohio Hydrate & Supply Co  
 HAWTHORNE—Keystone Steel Wire Co  
 HAZLE—Inland Steel Products Co  
 HEATHEALTH—Norge Heat Div Borg-Warner  
 Corp  
 HEATEX—Marsh Wall Products Inc  
 HEATFOAM—Superior Fireplace Co  
 HEAT-PAK—Adairco Div Breeze Corp Inc  
 HEAT-PAK—Breeze Corporations Inc  
 HEAT-RITE—Auer Register Co  
 HEAT-SEAL—Estate Steel Co Div Noma  
 Electric Co  
 HEATSTAY—Novec Brothers  
 HEL-SEAL—Estate Steel Co  
 HELVESTREM—Spoley Inc  
 HEVADITY—Parler-Kalon Corp  
 H E C—Hart & Colby Mfg Co  
 HEVABITE—Market Electric Products Inc  
 HEIT-MASTER—Aerol Products Co Inc  
 HELLETT—Johns-Manville Corp  
 HELIX—Hilbroad Mfg Co  
 HELICULS—Richards Wilcox Mfg Co  
 HELICULS—Sargent & Co  
 HELICULS—Stanley Tools  
 HELICULITE—Pittsburgh Plate Glass Co  
 HERO—Bostwick Laboratories  
 HERRINGBONE—Trucon Steel Co  
 HETTINGER'S TRIPLE SEAL—Weather-  
 proof Products Corp  
 HEV-LIFT—Harnisfeiger Corp  
 HEV-DUTY—Insulation & Refractories Co  
 HEX-CEL—American Steel & Wire Co  
 HEXMESH—Angier Corp  
 HEXTRALINE—American Steel & Wire Co  
 HI-BOY—Blaw-Knox Div Blaw-Knox Co  
 HI-BOY—Dorland Mfg Co  
 HI-BOY—Fairbanks Morse & Co  
 HI-CYLE—Chicago Pneumatic Tool Co  
 HI-DEALTY—Seymour Mfg Co  
 HIDE-DOOR—Winner Industries  
 HI-DEGREE—Cheseman-Elliott C o Inc  
 HIPE-N-SEAL—Sonsboro (L) Sons Inc  
 HI-DRI—Loudon Machinery Co  
 HI-DUMP—Jager Machine Co  
 HIGH STANDARD—Low Brothers Co  
 HI-LO—Frantz Mfg Co  
 HI-LO—Concrete Transport Mixer Co  
 HI-LO—Frantz Mfg Co  
 HI-LO—Ohio Hydrate & Supply Co  
 HI-LO—Wolfe Products Inc  
 HI-LO—Wolfe Products Inc  
 HI-LO—Wolfe Products Inc  
 HI-POWER—Portable Electric Tools Inc  
 HINES SELF—Limes (Edward) Lumber Co  
 HI-SPEED—Louisville Cement Co  
 HI-STEEL—Inland Steel Products Co  
 HI-TEST—Tamm Industries Inc  
 HI-TEX—Sargal Co

HI-UP—Worthington Pump & Machinery Co  
 Bannock Dy  
 HOAL—American Sheet Metal Works  
 HOFFMAN—Clayton & Lambert Mfg Co  
 HOLD-ALL—Swell (C) W & Associates  
 HOLD HEAT—Turner Brass Works  
 HOLLIN—Black & Decker Mfg Co  
 HOLLIN—Van Dorn Electric Tool Co  
 HOLIDAY—Miller Metal Products Inc  
 HOLY—Barrett Div Allied Chemical & Dye  
 Corp  
 HOLYTE—Continental Srew Co  
 HOLLYWOOD—Products Div Colgate Mfg  
 Corp  
 HOLZON—Horn (A C) Co  
 HOMLIME—Louisville Cement Co  
 HORN-LITE—Black & Decker Mfg Co  
 HORN-O-TONE—Horn (A C) Co Inc  
 HOOSIER—Mid State Steel & Wire Co  
 HORIZONTAL GLIDING—Anderson Corp  
 HORIZONTALINE—Marsh Wall Products Inc  
 HORIZONTAL SLIDING—Farley & Lottschner  
 Mfg Co  
 HORNEX—Horn (A C) Co Inc  
 HORNEX—Horn (A C) Co Inc  
 HORNGLAZER WAX—Horn (A C) Co Inc  
 HORNGLIME—Horn (A C) Co Inc  
 HORNKOTE—Horn (A C) Co Inc  
 HORNKOTE—Horn (A C) Co Inc  
 HORNROCK—Horn (A C) Co Inc  
 HORNSTRAP—Horn (A C) Co Inc  
 HORNSTONE—Horn (A C) Co Inc  
 HOT BLAST—Fargo (Phillip) Mfg Co  
 HOT BLAST—Cole Hot Blast Mfg Co  
 HOT BLAST—Fargo (Phillip) Mfg Co  
 HOWLE—Condensation Engineering Corp  
 HUMBALB—American Foundry & Furnace  
 Co  
 HUMID-AIRE—Meyer Foundry Co  
 HUMIDIGRAPH—Bristol Co  
 HUMIDIGRAPH—Taylor Instrument Co  
 HUMID-U-STAT—Minneapolis-Honeywell  
 Regulator Co  
 HURWOOD—Stanley Works  
 HYDRALIT—Flintlock Co  
 HYDRAMATIC—General Controls Co  
 HYDRATITE—Horn (A C) Co Inc  
 HYDRAULIC-ACTION—White-Rodgers Electric  
 Co  
 HYDRALIC—U S Gypsum Co  
 HYDROCID—Sonsboro (L) Sons Inc  
 HYDRO-FLO—Bell & Gossett Co  
 HYDRO FLY—Seymour Mfg Co  
 HYDRO-LUX—Oluf Co  
 HYDRONON—Barrett Div Allied Chemical &  
 Dye Corp  
 HYDROSTONE—U S Gypsum Co  
 HYDRONIX—Kap-Tite Co  
 HY-DUTY—Schwitzer-Cummins Co  
 HYPOD—Glidden Co  
 HY POWER—Wiss (J) & Sons Co  
 HYPER-LITE—Hyder  
 HYPERMETAL—American Foundry & Furnace  
 Co

IDEAL—American Steel & Wire Co  
 IDEAL-Tennesson Coal Iron & Railroad Co  
 IDEAL—Hinds Paper Paper Co  
 IGOT—Armo Steel Corp  
 IGLITE—Ite Electric Ventilating Co  
 IGLITE—Ite Electric Ventilating Co  
 ILLIBRONZE—Illinois Electric Power Co Inc  
 ILLUMINITE—Peaslee-Gauntlett Paint &  
 Varnish Co  
 I-M—Bed Drill Tools  
 I-M FLUSH—United States Plywood Corp  
 IMPERIALSTEEL—Meritor Corp  
 IMPERIAL—Furniture Plate Minnesota & On-  
 tario Paper Co  
 IMPERIAL—Inland Steel Products Co  
 IMPERIAL—U S Gypsum Co  
 IN-A-SLIDE—New Menarch Machine &  
 Stamping Co  
 INCO—International Nickel Co Inc  
 INCONEL—International Nickel Co Inc  
 INCOR—Lone Star Cement Corp  
 INDIAN—Dowagiac Steel Furnace Co  
 INDOOR-OUTDOOR—White-Rodgers Electric  
 Co  
 INDUSTREX—Libbey-Owens-Frank Glass Co  
 INERTOL—Carbolignum Wood Preserving Co  
 INGLACED—Ingralls Steel Div Borg-War-  
 ner Corp  
 IN-ITEX—Insulation & Refractories Co  
 IN-ITEX—Sawmixon Cement Co  
 INSELBRIC—Mastic Asphalt Corp  
 INSL-COTTUN—Taylor Bedding Mfg Co  
 INS-LITE—Insulite Div Minnesota & On-  
 tario Paper Co  
 INSU-COTE—Wilbur & Williams Co  
 INSU-WITE—Tamm Industries Inc  
 INSULAC—Chamberlin Co of America  
 INSULAIR—Messer Brothers  
 INSULAIR-K—Quigley Co Inc  
 INSULACRUTE—Quigley Co Inc  
 INSULCLAY—Mortell (J W) Co  
 INSULITE—Trucon Steel Co  
 INSULUX—American Structural Products  
 Co  
 INTERGLAZES—Sargent & Co  
 INTERGLAZES—Sargent & Co  
 INVIZITE—Grand Rapids Hardware Co  
 INVIZITE—Grand Rapids Hardware Co  
 INVIZITE—Fibwood Co  
 IRON-COTE—Sullivan Co  
 IRONHIDE—Pittsburgh Plate Glass Co  
 IRONHIDE—Sullivan Co  
 IRON-MIX—Tamm Industries Inc  
 IRONSET—Pinecone Sales & Furnace Lining  
 Co  
 IRONSTONE—Adey Clay Products Co  
 IRONSTONE—Adey Clay Products Co

ISO-DRAULIC—Perfection Steel Body Co  
 IVANHOE—Perfection Steel Co Inc  
 IVOROID—Pittsburgh Plate Glass Co  
 IVORY—U S Gypsum Co

J

JACK FROST—Barrett Div Allied Chemical  
 & Dye Corp  
 JACKLIFT—Lewis-Shoepart Products Corp  
 JAMESWAY—James Mfg Co  
 JANFROB—James Lubrication Corp  
 JAP-A-LAP—Glidden Co  
 JAP SPAR—Glidden Co  
 JAY-BOARD—Barrett Mfg Co  
 JAY-PANELBOARD—Barrett Mfg Co  
 J J C—Jackson & Church Co  
 JETT-CALVALY—Sears-Roebuck Co  
 JEEPS—Willis-Overton Motors Inc  
 JETBLAK—Soboroff Co  
 JETCREEP—Construction Machinery Sales Co  
 JFS—Stephens-Adams Mfg Co  
 JIFFE-COILS—Hesterman Heater Co  
 JIFFY—Carlson (A B) & Co  
 JIFFY—Grand Haven Stamped Products Co  
 JIFFY—Parler-Kalon Corp  
 JK—Knights (James) Co  
 JK—Johns-Manville  
 JORDONITE—Jordan Refrigerator Co  
 JU—Adrich Co  
 JUMBO—Breeze Corp Inc  
 JUMBO—U S Gypsum Co  
 JUNI-AIRE—American Foundry & Furnace  
 Co

K

KAL—U S Gypsum Co  
 KALITE—Certain-teed Products Corp  
 KALK-KOBD—Prestite Engineering Co  
 KALOR-TRAC—Kendall Fibreglass Co Inc  
 KALOR-LITE—Tamm Industries Inc  
 KAL-WOTE—Keller Products Inc  
 KANT-ROCK—Grand Rapids Wire Products  
 Co  
 KANT-LEAK—Sullivan Co  
 KANT-LEAK—Sullivan Co  
 KARBEX—Remington Rand Inc  
 KARRI-OD—Niles Hoist & Crane Co  
 KARRI-KRACK—Kendall Fibreglass Co Inc  
 KASSON—General Die & Stamping Co  
 KASTITE—Chicago Fire Brick Co  
 KATHARAL—Sullivan Co  
 KATY—Sonsboro (L) Sons Inc  
 KAYLO—American Structural Products Co  
 KAYO—Tamm Industries Inc  
 KAYO—Seymour Mfg Co  
 K-CRMO—U S Gypsum Co  
 KEM-GEL—Sherwin Williams Co  
 KEM-KAL—Sherwin Williams Co  
 KEMING—Bohler & Co  
 KEMILIME—Ash Grove Lime & Portland  
 Cement Co  
 KEM-NAMEL—Sherwin-Williams Co  
 KEM-TONE—Sherwin-Williams Co  
 KEM-UMK—Kentile Inc  
 KENDALE—Puritan Cordage Mills  
 KENMORE—Certain-teed Products Corp  
 KENNAK—Kendall Fibreglass Co Inc  
 KENWOOD—American Radiator & Standard  
 Sanitary Corp  
 KENTAS—Lindeman (A J) & Horvorn Co  
 KETCHWOK—Plastic Molded Products Inc  
 KEV-MEK—Kendall Fibreglass Co Inc  
 KEVIN KNOB—Lockwood Hardware Mfg Co  
 KEYSTONE—Keystone Varnish Co  
 KEYSTONE—Keystone Varnish Co  
 KEYSTONE—Keystone Varnish Co  
 K-FAC—U S Gypsum Co  
 KIF—Buffalo Products Inc  
 KIKKAPU—Keystone Steel & Wire Co  
 KILNOLITE—Kelley Inland Lime & Trans-  
 port Co  
 KIMFREE—Kimberly-Clark Corp  
 KIMSUL—Kimberly-Clark Corp  
 KINTRIM—Kinbond Industries Inc  
 KIRKHAM—Concrete Transport Mixer Co  
 KITHENAIDER—Mullins Mfg Corp  
 KITCHEN-AIRE—Stewart Mfg Co  
 KITCHEN-SKRAFT—Midwest Mfg Co  
 KITCHEN-PROVED—Washington Electric  
 Corp  
 KITHVEN HANDY—Washington Steel Pro-  
 ducts Co  
 KIT-UNETTE—Morton Mfg Co  
 KLEBE—Adairco Div Breeze Corp Inc  
 KLEEN-AIRE—Steel City Furnace Co  
 KLEEN-COTE—Everette Corp  
 KLEENITE—Sullivan Co  
 KLEEN-SEALANT—American Fluorit Co  
 KLENGON—Cabot (Samuel) Inc  
 KLING-TITE—Sullivan Co  
 KLING-TITE—Sullivan Co  
 KLIXON—Spencer Thermostat Div Metals  
 & Controls Corp  
 KNIGHT—Woodville Lime Co  
 K & M—Keasbey & Mattison Co  
 KNICKERBOCKER—Flintlock Co  
 KNIGHTS TRIPLE—Barland Weatherstrip  
 Material Co  
 KNOCHEIN—U S Gypsum Co  
 KNOCHEIN—U S Gypsum Co  
 KO—Stephens-Adams Mfg Co  
 KO-A-AIRE—Jones & Brown Inc  
 KO-BEL—KOBEL-ROBBERG Co  
 KOROTTE—Continental Steel Corp  
 KOLD-AIRE—U S Air Conditioning Corp  
 KOLBERT—Adey Clay Products Co  
 KOLOR FINIS—Independent Nail & Packing  
 Co  
 KOLOR-BOX—Tamm Industries Inc  
 KOLOR-TRIM—Wood Conservation Co  
 KOMIX—Sullivan Co  
 KONCREX—Horn (A C) Co  
 KONKAL—Inland Steel Products Co

KAL—U S Gypsum Co  
 KALITE—Certain-teed Products Corp  
 KALK-KOBD—Prestite Engineering Co  
 KALOR-TRAC—Kendall Fibreglass Co Inc  
 KALOR-LITE—Tamm Industries Inc  
 KAL-WOTE—Keller Products Inc  
 KANT-ROCK—Grand Rapids Wire Products  
 Co  
 KANT-LEAK—Sullivan Co  
 KANT-LEAK—Sullivan Co  
 KARBEX—Remington Rand Inc  
 KARRI-OD—Niles Hoist & Crane Co  
 KARRI-KRACK—Kendall Fibreglass Co Inc  
 KASSON—General Die & Stamping Co  
 KASTITE—Chicago Fire Brick Co  
 KATHARAL—Sullivan Co  
 KATY—Sonsboro (L) Sons Inc  
 KAYLO—American Structural Products Co  
 KAYO—Tamm Industries Inc  
 KAYO—Seymour Mfg Co  
 K-CRMO—U S Gypsum Co  
 KEM-GEL—Sherwin Williams Co  
 KEM-KAL—Sherwin Williams Co  
 KEMING—Bohler & Co  
 KEMILIME—Ash Grove Lime & Portland  
 Cement Co  
 KEM-NAMEL—Sherwin-Williams Co  
 KEM-TONE—Sherwin-Williams Co  
 KEM-UMK—Kentile Inc  
 KENDALE—Puritan Cordage Mills  
 KENMORE—Certain-teed Products Corp  
 KENNAK—Kendall Fibreglass Co Inc  
 KENWOOD—American Radiator & Standard  
 Sanitary Corp  
 KENTAS—Lindeman (A J) & Horvorn Co  
 KETCHWOK—Plastic Molded Products Inc  
 KEV-MEK—Kendall Fibreglass Co Inc  
 KEVIN KNOB—Lockwood Hardware Mfg Co  
 KEYSTONE—Keystone Varnish Co  
 KEYSTONE—Keystone Varnish Co  
 KEYSTONE—Keystone Varnish Co  
 K-FAC—U S Gypsum Co  
 KIF—Buffalo Products Inc  
 KIKKAPU—Keystone Steel & Wire Co  
 KILNOLITE—Kelley Inland Lime & Trans-  
 port Co  
 KIMFREE—Kimberly-Clark Corp  
 KIMSUL—Kimberly-Clark Corp  
 KINTRIM—Kinbond Industries Inc  
 KIRKHAM—Concrete Transport Mixer Co  
 KITHENAIDER—Mullins Mfg Corp  
 KITCHEN-AIRE—Stewart Mfg Co  
 KITCHEN-SKRAFT—Midwest Mfg Co  
 KITCHEN-PROVED—Washington Electric  
 Corp  
 KITHVEN HANDY—Washington Steel Pro-  
 ducts Co  
 KIT-UNETTE—Morton Mfg Co  
 KLEBE—Adairco Div Breeze Corp Inc  
 KLEEN-AIRE—Steel City Furnace Co  
 KLEEN-COTE—Everette Corp  
 KLEENITE—Sullivan Co  
 KLEEN-SEALANT—American Fluorit Co  
 KLENGON—Cabot (Samuel) Inc  
 KLING-TITE—Sullivan Co  
 KLING-TITE—Sullivan Co  
 KLIXON—Spencer Thermostat Div Metals  
 & Controls Corp  
 KNIGHT—Woodville Lime Co  
 K & M—Keasbey & Mattison Co  
 KNICKERBOCKER—Flintlock Co  
 KNIGHTS TRIPLE—Barland Weatherstrip  
 Material Co  
 KNOCHEIN—U S Gypsum Co  
 KNOCHEIN—U S Gypsum Co  
 KO—Stephens-Adams Mfg Co  
 KO-A-AIRE—Jones & Brown Inc  
 KO-BEL—KOBEL-ROBBERG Co  
 KOROTTE—Continental Steel Corp  
 KOLD-AIRE—U S Air Conditioning Corp  
 KOLBERT—Adey Clay Products Co  
 KOLOR FINIS—Independent Nail & Packing  
 Co  
 KOLOR-BOX—Tamm Industries Inc  
 KOLOR-TRIM—Wood Conservation Co  
 KOMIX—Sullivan Co  
 KONCREX—Horn (A C) Co  
 KONKAL—Inland Steel Products Co

List of Manufacturers' Names With  
 Complete Address Starts on Page D-67









VITROLITE—Libbey-Owens-Ford Glass Co  
 VIT-TRU—Edwards Mfg Co  
 VIVID—Waco Waterpaints Inc  
 VOQUE—Formas-Food & Co  
 VOLAC—Devoe & Reynolds Inc  
 VOLCANO—Luss Brothers Inc  
 VOLACTIVOL—Barber-Colman Co  
 VORTEX—Westinghouse Electric Corp Start-up Div  
 VULCAN—Hosler Brothers  
 VULCANITE—Certain-teed Products Corp  
 VULCATEX—Horn (A C) Inc  
 VULCO V—Gates Rubber Co

W

WAGNER—Miscellaneous Mfg  
 WALK-OVER—Barrett Div Allied Chemical & Dye Corp  
 WALLCO—Rebstock Products Co  
 WALL-FLEX—B C A Rubber Co  
 WALLGARD—Vita-Var Corp  
 WALLHIDE—Pittsburgh Plate Glass Co  
 WALL-LITE—Wallace Mfg Co  
 WALLMASTER—Central States Wallmaster Inc  
 WALLSTONE—Tammes Industries Inc  
 WALL-TEX—Columbus Coated Fabrics Corp  
 WALLUSTRE—Devoe & Reynolds Inc  
 WALLWOOD—American Plywood Corp  
 WALLITE—Kearney & Makinson Co  
 WAPPAT—Mail Tool Co  
 WABCO—Walsh Refractories Corp  
 WARD ZEPHYR—Ward (Edgar T) Industries Inc  
 WARM-AIRE—Bennett-Ireland Inc  
 WARM MORNING—Leahs Store Co  
 WARRIOR—Dowagiac Steel Furnace Co  
 WARMWOOD—Larson (F B) Co  
 WASHBURN—National Mfg Co  
 WASHINGTON—Standard Lime & Stone Co  
 WASP—Stanley Works  
 WASTE-AWAY—Westinghouse Electric Corp Appliances Dept  
 WASTEKING—Given Mfg Co  
 WATAUGA—Graybeal (C B) & Sons  
 WATERBURY—Waterman-Waterbury Co  
 WATERDYKE—Bird & Son Inc  
 WATERFOIL—Horn (A C) Co  
 WATER HOT—Secority Mfg Co  
 WATERPLUG—Standard Dry Wall Products Inc  
 WATER-RAY-TROLA—Ray Oil Burner Co  
 WATERSPAR—Pittsburgh Plate Glass Co  
 WATSON—Ruberoid Co  
 WATKINSON—American Steel & Wire Co  
 WAXLINE—Flintkote Co  
 WAXLINE—Lebon Co  
 WAXOAT—Glidden Co  
 WAXOFF—Schalk Chemical Co  
 WCLA—West Coast Lumbermen's Association  
 WEABETTE—Glidden Co  
 WEABMASTER—Armco Paint Co Inc

WEARWELD—Lincoln Electric Co  
 WEATHER-BLAK—Air Rectifiers Inc  
 WEATHERBOARD—Carey (Philip) Mfg Co  
 WEATHERCALK—Perora Paint Co Inc  
 WEATHERCOTE—American Asphalt Roof Corp  
 WEATHERCOTE—Glidden Co  
 WEATHERWOOD—U S Gypsum Co  
 WEATHERITE—Woodville Lime Co  
 WEATHERKLOK—Johns-Manville Corp  
 WEATHERMAKERS—Carrier Corp  
 WEATHERMASTER—Kot-Master Corp  
 WEATHERPAD—Ruberoid Co  
 WEATHERPROOF—Starline Inc  
 WEATHERSEAL—Morgan Co  
 WEATHER-SHIELD—Certain-teed Products Co  
 WEATHER-TITE—Columbia Industries  
 WEATHER-TITE—Iron (B B) Co  
 WEATHERTITE—Johns-Manville Corp  
 WEATHERTITE—Perora Paint Co Inc  
 WEATHERTWIN—Chamberlin Co of America  
 WEATHER-WAVE—Northern Wood Products Co  
 WEATHERWOOD—U S Gypsum Co  
 WEDGE—Webster (W F) Cement Co  
 WEDGE-EDGE—U S Plywood Corp  
 WEDGELOCK—Barrett Div Allied Chemical & Dye Corp  
 WEDGE-LOCK—Barger Div Republic Steel Corp  
 WEDGE-TIGHT—Calder Mfg Co  
 WEDGLOK—U S Plywood Corp  
 WEEDMASTER—Fairbanks Morse & Co  
 WEED-NO-MORE—Sherwin-Williams Co  
 WEIR—Meyer Furnace Co  
 WEIR-MEYER HEAT—Meyer Furnace Co  
 WELCHBOARD—West Coast Plywood Co  
 WELDOBORD—U S Plywood Corp  
 WELD-O-TROL—Westinghouse Electric Corp  
 WELDOTEX—U S Plywood Corp  
 WELLDWOOD—U S Plywood Corp  
 WELLSVILLE SAVAGE—Chicago Fire Brick Co  
 WERNCO—Werner (R D) Co Inc  
 WERLOCK—Westwood Mfg Co  
 WESTAIR—Western Appliances Co Inc  
 WESTAPE—Waco Waterpaints Inc  
 WESTBOARD—Washington Veneer Co  
 WESTMORELAND—American Radiator & Standard Sanitary Corp  
 WEVPCOTE—Insectite Div Minnesota & Ontario Paper Co  
 WEYERHAEUSER 4-SQUARE—Weyerhaeuser Sales Co  
 WHALE—Sampson Cordage Works  
 WHEEL-EZY—Rapid-Standard Co Inc  
 WHEEL IT—Bassett Industries  
 WHELPOOL—Nineteen Hundred Corp  
 WHITCO—Whitney (Vincent) Co  
 WHITEHEAD—Mid-States Steel & Wire Co  
 WHITE ROCK—Celotex Corp  
 WHITE STAR—Detroit Vapor Sleeve Div Borg-Warner Corp

WHITESTONE—American Asphalt Roof Corp  
 WHITE VENEER—Elliott Paint & Varnish Co  
 WHITICIDE—Beardon Co  
 WHIZZARD—Clarke Sanding Machine Co  
 WHIZAM—Ruberoid Co  
 WILFAMCO—Wilson Foundry & Machine Co  
 WILLOW—Hoboken White Lead & Color Works Inc  
 WILSON—Metal Window Service Co  
 WINGO—Waco Engineering Inc  
 WINDMASTER—Carey (Philip) Mfg Co  
 WIND-O-BRIK—Consumers Co  
 WINDOOR—Compo-Miracle Products Co  
 WIND-O-SEAL—Marquart Millwork Co  
 WIND-O-VENT—Dahl Mfg Div Electrical Div Singer Mfg Co  
 WIND-O-VENT—Reed Unit-Fans Inc  
 WINDWALL—Anderson Corp  
 WINDOW-FABRIC—Warp Brothers  
 WINDOWOR—Compo-Miracle Products Co  
 WINDOOR—U S Gypsum Co  
 WINGFLEX—Dennis (W J) & Co  
 WINGFOOT—Goodyear Tire & Rubber Co  
 WINKLER—U S Machine Corp  
 WINTERGARPE—Fyrone Mfg Co  
 WINTHROP—Flintkote Co  
 WINTITE—American Cabinet Hardware Corp  
 WISSCO—Wickwire Spenser Steel Div Calor Fuel & Iron Corp  
 WITCH—Carpenter & Patterson  
 WIZARD—Lofkin Rule Co  
 WLF—Woodville Lime Co  
 WOOD—Webster Osgood Co  
 WOLMANZEEB—American Lumber & Treating Co  
 WOLMAN SALTS—American Lumber & Treating Co  
 WOLVERINE—Lofkin Rule Co  
 WONDERCOTE—Sonnoborn (L) Sons Inc  
 WONDEX—Tammes Industries Inc  
 WOODCRAFT—Sherwin-Williams Co  
 WOODGRAIN—Flintkote Co  
 WOOD HEALTH—Protection Products Mfg Co  
 WOOD LIFE—Protection Products Mfg Co  
 WOOD-PRIME—Wilbur & Williams Co  
 WOODTEX—Certain-teed Products Corp  
 WOODTAN—Wood-Treating Chemical Co  
 WOODTREAT—Wood-Treating Chemical Co  
 WOODVILLE—Gitin Hydrate & Supply Co  
 WOOD WINDOW UNITS—Pacific Mutual Door Co  
 WOOD YOUTH—Protection Products Mfg Co  
 WOOLKOTE—Woodville Lime Co  
 WORTHWOOD—Wootter Products Inc  
 WPA—Western Pine Association  
 WRAP-DRY—Thillman Pulp & Paper Co  
 WR—White-Rodgers Electric Co  
 WRIGTIX—Wright Mfg Co  
 WRIGHTFLOW—Wright Mfg Co

WRIGHTWAY—Wright Mfg Co  
 WROUGHT BRASS OR BRONZE—American Cabinet Hardware Corp  
 W-SHEETS—Wheeling Corrugating Co  
 W & W—Wilbur & Williams Co  
 WY CO—Edinson Clay Product Co  
 WYANDOTTE—American Radiator & Manufacturing Corp  
 WY-O-GLASS—Warp Brothers  
 WYR-WAY—Knapp Brothers Mfg Co  
 WYTERFACE—Keuffel & Esser Co

X

X-IT—Sullivan Co  
 X-PANDOREAL—X-Pando Corp  
 X-PANDOTE—X-Pando Corp  
 X-TITE—Waco Waterpaints Inc  
 XTALITE—Marshalltown Trowel Co  
 XTREATHING—Sammun Cordage Works  
 XX PUNCHES—Farker-Kalon Corp

Y

YANKEE—North Brothers Mfg Co  
 YARDLIFT—Clark Equipment Co Industrial Truck Div  
 YARDMASTER—Hyder Co  
 YELLOW-END—St Paul Corrugating Co  
 YELLOW STRAND—Bordenick & Buscum Rope Co  
 YOLO—Youngstown Steel & Tube Co  
 YORKAIRE—York Corporation  
 YOUNGSTOWN—Mullins Mfg Corp

Z

ZEEEN-X—U S Gypsum Co  
 ZEPHAIR—Hunter Fan & Ventilating Co  
 ZEPHYR—Cros-Dipt Co Inc  
 ZEPHYR—National Ventilated Awning Co  
 ZEPHYR—Rock Island Millwork Co  
 ZEPHYRPLANE—Skilaw Inc  
 ZEPHYR—Cros-Dipt Co Inc  
 ZERD-ZONE—Mincir Gear Co  
 ZERZONE—Copeland Refrigeration Corp  
 ZIG-ZAG—Stanley Works  
 ZILKON—Trucon Laboratories Div Devoe & Reynolds Inc  
 ZILLO—Sherwin-Williams Co  
 ZINC-ALLOY—Inland Steel Products Co  
 ZINCRIFF—Armco Steel Corp  
 ZINCO—Atlas Tack Corp  
 ZINC-O-LITH—Glidden Corp  
 ZIP-IN—Cincinnati Fly Screen Div Russell (F C) Co  
 ZIP-LIFT—Harnischfeger Corp  
 ZIPPO—Columbus Plastic Products Inc  
 ZONAIR—Fayre Furnace Co  
 ZONO—Robinson Insulation Co  
 ZORITE—Kawner Co  
 ZURA—Sonnoborn (L) Sons Inc

List of Manufacturers' Names With Complete Addresses Starts on Page D-67

## SECTION III

### Alphabetical List of Building Products and Equipment

# Manufacturers and Addresses

Principal manufacturers of building products and equipment are listed in this section in alphabetical order. In some instances, the manufacturing organization is listed under the name of a division rather than under a parent company; popular usage served as a guide in these cases. For example, the manufacturer of Bendix home appliances is listed as—

Bendix Home Appliances, Inc., Div., Avco Mfg. Corp. rather than as—  
Avco Mfg. Corp., Bendix Home Appliances, Inc.,

Div.

In other cases, such as those involving departments of companies, the more popular major name is used as the key in the index. For example, the lamp division of the Westinghouse Electric Corp. is indexed as follows—

Westinghouse Electric Corp., Lamp Div.

Care has been taken to make this index as accurate as possible, but the *American Builder* is not responsible for changes in addresses and other discrepancies.

### The Names of Manufacturers With Advertisements in This Issue Appear in Boldface Type

#### A

- Abnost Displayers New York 2 N Y  
A-B-C Cabinet Fixtures Wks Kansas City Mo  
A B C Steel Erupt Co 1718 St & First Ave Tampa 5 Fla  
Abel (John W.) Mabels 0  
Aberdeen Plywood Corp Aberdeen Wash  
Abesto Mfg Corp Wabash at Carl St Michigan City Ind  
Ablington Pottery Ablington Ill  
Abrasive Press Inc 100 Pearl St South Braintree Mass  
A B Stones Co Merrill Pk Battle Creek Mich  
Academic Slide Rule Co Carroll 0  
Accurate Mfg Co 383 Admiral Blvd Kansas City Mo  
Accurate Metal Weatherstrip Co 216 E 26th St New York 10 N Y  
Accurate Spring Mfg Co 3821 W Lake St Chicago 24 Ill  
Ackerman-Johnson Co 623 W Jackson Chicago Ill  
Acme Appliance Mfg Co 35 S Raymond Ave Pasadena 1 Calif  
Acme Asbestos Covering & Flooring Co 230 N Elizabeth Chicago 7 Ill  
Acme Brick Co Ft Worth 2 Tex  
Acme Bulletin & Directory Board Corp 37 1/2 E 12th St New York 3 N Y  
Acme Door Co Queen & Lincoln St Houston Wash  
Acme Electric Heating Co 1205 Washington Boston 18 Mass  
Acme Engr Co 213 Broadway Muskegon Okla  
Acme Flame Control Corp 3051 Bowlyn St Los Angeles 65 Calif  
Acme Metal Goods Mfg Co 2 Oranger St Newark N J  
Acme Metal Prod Corp Box 237 Blue Island Ill  
Acme Rubber Mfg Co 1938 Lambert St Trenton N J  
Acme Sealford Co Inc Brooklyn N Y  
Acme Shingle Co Ltd 8961 Shaughnessy Vancouver B C Canada  
Acme Specialty Mfg Co Toledo 0  
Acme Stencil Co 1700 Haddon Ave Camden N J  
Acme Steel Co 2836 Archer Ave Chicago 8 Ill  
Acme Visible Records Inc 122 S Michigan Ave Chicago 3 Ill  
Acme White Lead & Color Wks 3539 St Adin St Detroit 11 Mich  
Acorn Canvas Co Philadelphia Pa  
Acorn Plastic Engineers Inc 177 Broadway New York 7 N Y  
**Active Display Advertising 1702 19th Ave Chicago 8 Ill**  
Active Screw & Mfg Co 4233 N Pulaski Rd Chicago 5 Ill  
Ada Brick Co Ada Okla  
Adams (Frank) Electric Co P O Box 357 St Louis 13 Mo  
Adams Bros Mfg Co 1502 E North Ave Pittsburgh Pa  
Adams (C F) Inc Ft Worth Tex  
Adams Co Dubuque Ia  
**Adams Wire Mfg Co 540 W Chevy Chase Dr Glendale 4 Calif**  
Adams (S B) Lumber Co Box 345 Mobile Ala  
Adams-Thuma Co Jamestown 0  
Adams & Westlake Co Bedford St Elkhart Ind  
Adapto Co 4102 N 100 St Milwaukee Wis  
Adel Clay Prods Co Des Moines Ia  
Adelphian Mill Vandyke (E A) Mfgs Agents 14105 Merchandise Mart Chicago 54 Ill  
Adel Precision Prods Co Van Orsen & Chen Sts Burbank Calif  
Adelrite Co 37-19 23rd St Long Island City N Y  
Adjustable Log Cabin Co 22 E 46th St New York N Y  
Adriana Post Mfg Co Akron 0  
Adjustable Clamp Co 414 N Ashland Chicago 22 Ill  
Adler-Jones Co 521 S Wabash Chicago Ill  
Admiral Corp 3000 W Cortland Chicago 47 Ill  
Admiral Homes 178 Fremont Rd West Newton 27 Pa  
Advance Car Mezer Co West College Ave Appleton Wis  
Advance Engrg Mfg Co 4917 S Chicago Ave Chicago Ill  
Advance Mfg Co Union Ind  
Advertisers Exchange Inc New York 16 N Y  
Advertisers Mfg Co Ripon Wis  
Aermotor Co 2500 W Roosevelt Chicago Ill  
Aeroll Prod Co Inc 10 Winger St S Hackensack N J  
Aeroblock Co 3004 Oakland Ave Pasadena Wis  
Aerocraft Fan Co Ash & Bay Sts Sioux 0  
Actas Plywood & Veneer Co 1722 N Elston Ave Chicago 22 Ill  
Actua Steel Prods Corp 730 Fifth Ave New York N Y  
Ague Venetian Blinds Co Ft Worth Tex  
Agha Inc Quincy Ill  
Agnew Blam Co Centralia Wash  
Agrifruit Chemical Corp Lincoln Neb  
Ailbrand (A H) Co Seymour Ind
- Albion Lumber Co Ironwood Mich  
Albion Control Prods Inc Glash St at Larch Cooperville Mich  
Air Corrective of Chicago Inc 333 N Michigan Ave Chicago 1 Ill  
Air Devices Inc 30 E 43rd St New York 17 N Y  
Air-King Mfg Corp Tipton Ind  
Air Master Corp 4517 Greenwood Ave Chicago Ill  
Air-O-Cel Co 22000 Woodward Ave Detroit 20 Mich  
Airoline Co Marietta 0  
Air Placement Engrs Co 2525 Southwest Blvd Kansas City 8 Mo  
Air Sealtainers Inc 3734 N Southport Ave Chicago 13 Ill  
Air Temp Control Co 29 E 42nd St New York N Y  
Airtemp Div Chrysler Corp 1610 Webster St Dayton 1 O  
Air Temperature Inc Div Mills-Morris Co 282 Poplar Ave Memphis 3 Tenn  
Air-Tite Window Stay Co Chicopee Mass  
Ajax Building Bracket Co 1551 Rydalmont Rd Cleveland Heights 3 Ala  
Ajax Hardware Mfg Corp 4351 Valley Blvd Los Angeles 32 Calif  
Alair Temp Stamp Co 368 Broadway New York N Y  
Alcon Hardware Mfg Corp 36-22 33rd St Long Island City N Y  
Alcon Paint & Varnish Co Firestone Pkwy & Beck Ave Akron 1 O  
Alcon Prod Co Seattle 0  
Alabama Cement Co Co 300 B 41st St Birmingham 1 Ala  
Alabama Clay Prods Co 23rd St N at Fourth Ave Birmingham 3 Ala  
Alabama Metal Lath Co 3230 Fayette Ave Birmingham Ala  
Alabaster Paint Prods Div Chicago Bronze & Color Wks Mair & Fred Sts Grand Rapids Mich  
Alan Wood Steel Co Ivy Rock Rd Conshohocken Pa  
Albany Plywood Corp Albany Ore  
Albermar Stone Corp of Va 417 Fourth Ave New York 18 N Y  
Albion & Co Inc Sioux City 3 Ia  
Albi Chemical Corp 15 Park Pl New York 7 N Y  
Alcides Prods Inc 1740 Creston St Muskegon Mich  
Alden Mfg Co 1640 W Walnut St Painesville 0  
Aldrich Co Div Breese Corp Inc Wyoming Ill  
Alexander Film Co Alexrite Engineering Div Colorado Springs Colo  
Alexander-Sullivan Lumber Co Century Film  
Algoma Mfg Co Algoma Wis  
Algon Mfg Co 4243 N Lincoln Chicago 16 Ill  
All Climates Plan Book Agency Colorado Springs Colo  
Allgeheys Ludlum Steel Co Oliver Bldg Pittsburgh 22 Pa  
Allgeheys Steel Co Bradenton Fla  
Allen Bros Inc Omaha Neb  
Allen Steel Prods 15911 Hillview Detroit 27 Mich  
Allen (W D) Mfg Co 564 W Lake Chicago Ill  
Allisonware Inc Alliance 0  
Allied Building Credits Inc 3109 Wilshire Blvd Los Angeles 5 Calif  
Allied Display Materials New York 16 N Y  
Allied Housing Associates Inc Langhorne Pa  
Allied Roofing & Sheet Metal Co Chicago Ill  
Allis-Chalmers Mfg Co 864 S 70th St Milwaukee 1 Wis  
Allison Lumber Co Bellamy Ala  
Allison Trim Inc 217 W Seven Mile Rd Detroit Mich  
All-Lite Metal Window Co Bristol Pa  
All Metal Partition Co Inc 194-204 DuPont St Brooklyn N Y  
**Allmetal Weatherstrip Co 2241 W Knox Ave Chicago Ill**  
All-Nu Products Co Camden N J  
Allor Firm Inc 217 W Seven Mile Rd Detroit Mich  
All-Steel Equipment Co Inc 245 John St Aurora Ill  
All-Weather Window Co 4326 W Lawrence Chicago Ill  
Alloy Lumber Co Alcoa Wash Chicago Ill  
Alo Tite Mfg Co Grand River Ave Detroit 8 Mich  
Alma Portland Cement Co First National Bank Bldg Chicago Ill  
Alson Inc 240 E Farm 26 Akron 0  
Alside Inc 1415 Waterloo Rd Akron 0  
Alsupric Co of America 165 E 6th St San Diego 6 Calif  
Altro Tile Co Highway N J  
Altman (W B) Lbr Co Inc Syracuse Ga  
Alto Mfg Co 1647 W Wabash Chicago 13 Ill  
Alton Brick Co Alton Ill  
Alton Laboratories 207 S Green Chicago Ill  
Aluminum Mineral Wood Co 2517 Whittemore Pl St Louis Mo  
Aluformer Bros Co East Florida Ill  
Aluma Craft Coak Co Minneapolis Mng  
Alumalux Co Box 591 Pasadena Calif  
Alumatic Corp of America 2081 S 56th St Milwaukee Wis  
Aluminum Avington Co Div Orchard Bros Inc 67 Meadow Rd Bathurst N J
- Aluminum Building Products Co Phoenix Ariz  
Aluminum Co of America 215 68 Golf Bldg Pittsburgh 19 Pa  
Aluminum Goods Mfg Co 1516 Washington St Manitowish Wis  
Aluminum Industries Inc Keller & Bestman Sts Cincinnati 23 O  
Aluminum Lender Co 402 Carlin St Worthington Pa  
Aluminum Products Corp 467 S Woodward Ave Pontiac Mich  
Aluminum Window Corp Div General Bronze Corp 50 Stewart St Garden City N Y  
Aluminum Window Mfrs Assn 15 Trinity Pl New York 6 N Y  
Alvey-Perpunan Co Inc North & Disney Sts Cincinnati 3 O  
Alvion Brick Co New Oxford Pa  
Amalgamated Roofing Co 6600 S Central Chicago Ill  
Amara Specialty Amara Ia  
American Abrasive Metals Co 480 Coit St Irvington N J  
American-Acme Co Emigville Pa  
American Agricultural Chemical Co 50 Church St New York 3 N Y  
American Asbestos Products Co 8000 Franklin Blvd Cleveland 0  
American Asphalt Roof Co 7600 Truman Rd Kansas City 3 Mo  
American Bed & Spring Co 5255 Delmar St St Louis Mo  
American Bldgk Co 2001 W Franklin Rd Chicago 9 Ill  
American Black Granite Co Ashland Wis  
American Bleached Shellac Corp 70 Pine St New York 5 N Y  
American Blower Corp Div American Radiator & Standard Sanitary Corp P O 56 Roosevelt Park Annex Detroit 32 Mich  
American Box Corp Lakeview Ore  
American Brass Co Waterbury 88 Conn  
American Brass Goods Co Grand Rapids Mich  
American Brass Mfg Co 1525 E 48th St Cleveland 0  
American Brass Mfg Co 3121 N E Sandy Blvd Portland 3 Or  
American Cabinet Hardware Co 616 S Main St Rockford Ill  
American Cable Div American Chain & Cable Co Wilkes-Barre Pa  
American Can Co N Y Central Bldg New York N Y  
American Cement Machinery Co Inc Keokuk Ia  
American Central Div Aero Mfg Co North St Connersville Ind  
American Chain & Cable Co Inc Bridgeport 2 Conn  
American Chain Link Fence Co Medford Mass  
American Chemical Paint Co Box 501 Ambler Pa  
American Conduit Co Irvington N J  
American Conveyor Co 1115 W Adams Chicago 7 Ill  
American Coalair Corp 3604 Mayflower St Jacksonville Fla  
American Copper & Brass Works Inc 610 E Front St Cincinnati 0  
American Concrete Works Inc 1307 Dublin St New Orleans La  
American Creosoting Co Inc Columbus Bldg Louisville 2 Ky  
American Dynamite Co 20 Rockefeller Plaza New York 20 N Y  
American Die & Tool Co Inc Reading Pa  
American Emery Wheel Works 1 Richmond Square Providence 1 R I  
American Enamelled Products Co Waukesha Wis  
American Engineering Co 2446 Aramingo Ave Philadelphia 25 Pa  
American Expansion Bolt & Mfg Co 903 N Spaulding Chicago Ill  
American Extruded Products Co N LaBrea & Santa Monica Blvd Los Angeles Cal  
American Fastener & Mfg Co 2300 Locust Blvd St Louis Mo  
American Flange & Mfg Co 30 Bucklefield Plaza New York City 29 N Y  
American Flexible Conduit Co 35 Scott New Bedford Mass  
American Floor Surfacing Machine Co 515 S St Clair St Toledo 3 O  
American Fluorite Co 4011 Red Bank Rd Cincinnati 27 O  
American Fixture & Furnace Co 1291 Bepw St Bloomington Ill  
American Foundry & Mfg Co 1911 Herbert St St Louis 36 Mo  
American Gas Assn 420 Lexington Ave New York City 17 N Y  
American Gas Machine Co Albert Lea Miss  
American Green Sheet Co Muskegon Mich  
American Hairt & Derrick Co 635 Robert St St Paul Minn

American Home 444 Madison Ave New York N Y  
American Home Plan Service Miami Springs Fla  
American House Inc 165 W 46th St New York 19 N Y  
American Incinerator Co 6441 Hastings St Detroit 11 Mich  
American Incubators Inc New Brunswick N J  
American Instrument Co Inc 8015 Georgia Ave Silver Springs Md  
American Ironing Machine Co Algonquin Ill  
American Knife Co 39-43 Lock Ave Baldwinville N Y  
American Ladder Co 5303 Keeler Chicago 32 Ill  
American-LaFrance Fennell Corp 903 Erie St Elmira N Y  
American-Larson Ventilating Co Pittsburgh 22 Pa  
American Lightning Bolt Co Inc 41 Battery March St Boston 10 Mass  
American Line Inc Lowell Mich  
American Liquid Gas Corp S Santa Fe & Sacramento Sts Los Angeles Cal  
American Lumber & Treating Corp 352 S Michigan Ave Chicago Ill  
American Mfg Co Noble & West Sts Brooklyn 22 N Y  
American Mfg Co Inc 2119 Pacific Ave Tacoma 2 Wash  
American-Marietta Co 45 E Ohio St Chicago 11 Ill  
American Mason Safety Tread Co Lowell Mass  
American Metal Weather Strip Co Grand Rapids Mich  
American Metal Specialties Corp 330-340 E Allegheny Ave Philadelphia Pa  
American Road Railroad Co Inc Yardley Pa  
American Oil Co 240 E 24th St New York 10 N Y  
American-Olean Tile Co Lansdale Pa  
American Optical Co Southbridge Mass  
American Optical Co Safety Glass Southbridge Mass  
American Perlite Corp Richmond Calif  
American Phenolic Corp 1830 S 54th Ave Chicago Ill  
American Pipe Tool Co 456 W Kinzie Chicago Ill  
American Jan Service Co 2701 Biscayne Blvd Miami Fla  
American Plumed Corp New London Wis  
American Radiator & Standard Sanitary Corp P O Box 1226 Pittsburgh 30 Pa  
American Refrigerator Machine Co N Minneapolis Minn  
American Rock Wool Corp 20 N Wacker Drive Chicago Ill  
American Roof Truss Co 6850 S Stony Island Ave Chicago 49 Ill  
American Rubber Corp Huntsville Ala  
American Rubber Products Corp 151 E 80th St New York 18 N Y  
American Rule & Block Co Menomonee Mich  
American Rust Proof Co Inc 302 Butler St Brooklyn N Y  
American Sanitary Mfg Co Abingdon Ill  
American Saw & Door Co 16th & Bellefontaine Kansas City 1 Mo  
American Saw & Mfg Co Burlington & Emery Sts Springfield Mass  
American Saw Mill Machinery Co 169 Main St Hackensack N J  
American Scale Co 919 Baltimore Ave Kansas City 6 Mo  
American Screw Co 121 Stevens St Providence 1 R I  
American Sheet Metal Works 325 N Alexander St New Orleans La  
American Siles Band Co Ottawa Ill  
American Siles & Foundry Co Hyde St Barine Wis  
American Stained Shingle Co Spruce & Dennison Ave Columbus O  
American Steel Graper & Wheelbarrow Co Sidney O  
American Steel & Wire Co 1420 Rockefeller Bldg Cleveland 15 O  
American Steel Wool Mfg Co 62-34 Orchard St Long Island City 1 N Y  
American Stone Works Orlando Fla  
American Stone Works 1211 W 27th St Kansas City 8 Kan  
American Stone Co 1641 S Kingshighway St Louis 10 Mo  
American Structural Products Corp 3035 Toledo Blvd American Svin File & Tool Co 400 Trumbull St Elizabeth N J  
American Technical Society 58th & Drexel Ave Chicago 37 Ill  
American Terra & Avining Co 1132 Mission San Francisco Calif  
American Text Cotta Corp 228 N LaSalle Chicago 1 Ill  
American Tile & Rubber Co Perrine Ave Trenton 2 N J  
American Truck & Body Co Martinsville Va  
American Turpentine Farmers Assn 209 Strickland Bldg Valdosta Ga  
American Turpentine & Tar Co Ltd 810 S Broad New Orleans La  
American Varnish Co 1136 N Branch St Chicago 22 Ill  
American Vermiculite Co Inc Bean Mountain Tenn  
American Vitrified Products Co Guardian Bldg Cleveland 14 O  
American Water Softener Co S E Corner Fourth & Lehigh Ave Philadelphia 33 Pa  
American Welding & Mfg Co 190 Dietz Road Warren O  
American Well Works 126 N Broadway Aurora Ill  
American Wheelabrator & Equipment Co 451 S Wacker St Mishawaka Ind  
American Window Glass Co Farmers Bank Bldg Pittsburgh 22 Pa  
American Wire Fabrics Corp 500 Fifth Ave New York N Y  
American Woodworking Co 1652 N Lowell Ave Chicago 39 Ill  
American Zinc Institute 35 E Wacker Drive Chicago 1 Ill  
Amerline Inc 1753 N Honore Chicago 22 Ill  
Amen Harris Neill Co 2400 17th St San Francisco Calif  
Amen Mfg Co Centre Despatch New Hampshire  
Amen Metal Moulding Co 225 East 144th St New York N Y  
Amen (W R) Co 150 Hooper Ave San Francisco Calif  
Amidon Sales Co Elira O  
Am-Mex Sales Co 28 Church Buffalo 2 N Y  
Amos (Charles H) Handle Co Stillwell Okla  
Anacosta Copper Mining Co Bonner Mont  
Anacosta Sales Co 25 Broadway New York 4 N Y  
Anacosta Wire & Cable Co 25 Broadway New York N Y  
Anchor Veneer Inc Anacosta Wash  
Anchor Homes Inc Westfield Mass  
Anchor Ltd Stratton & Terzaghe Co Inc Box 311 New Albany Ind  
Anchor Lumber Co Parkersburg W Va  
Anchor Post Fence Div Anchor Post Products Inc 6500 Eastern Ave Baltimore 24 Md  
Anderson Corp Bayport Miss  
Anderson Box Co 700 W Morris St Indianapolis 6 Ind  
Anderson (John E) Co Minneapolis 16 Minn

Anderson (J V) Mfg Co Owensboro Ky  
Anderson Sign Co Inc Anderson Ind  
Anderson (Walter) Co 4000 Wacker Dr Owensboro Ky  
Anderson-Tully Co Memphis Tenn  
Andrew Wreath Co Elmhurst Ill  
Annastat Corp of Mass 10 E 39th St New York N Y  
Angelina County Lumber Co Kellya Tex  
Angelina Hardwood Sales Co Lufkin Tex  
Angus Nail & Chapin Co 4580 E 112 St Cleveland O  
Angus Novelty Co 340 Broad St Filchburg Mass  
Angelo Box & Lbr Co Angels Camp Calif  
Angier Corp 40 Widell St Framingham Mass  
Anson Soil Pipe Co Amherst Mass  
Anson & Gilkey Co Merrill Wis  
Anthony Co 81 Reinhard St Sreator Ill  
Anthony Truck Co Box 73 Paduch Ky  
Antracite Boiler Compound Co Scranton Pa  
Anti-Hydro Waterproofing Co 39 Cortland St New York 7 N Y  
Apex Rotaxer Corp 1070 E 152 St Cleveland 10 O  
Applian Art Glass Works New Bridge Rd Bergenfield N J  
Applian Mfg Co Bateria Ill  
Applian Truck & Furniture Co Applian Wis  
Applian Mfg Co Alliance O  
Approved Products Co 205 E 42nd St New York 17 N Y  
Astorite Co Ltd Montreal Quebec Can  
Arcade Mfg Div Rockwell Mfg Co Munn Station Freeport Ill  
Arcadia Metal Products Inc 324 N 2nd Ave Arcadia Calif  
Arcs Chape Shing Co Arcadia Calif  
Archer (A W) Co 366 Broadway New York 13 N Y  
Archer-Duane-Midland Co Roanoke Ridge Minneapolis Minn  
Architectural Model Materials Co 4339 W Diversey Blvd Chicago 11 Ill  
Aro-Vent Aluminum Corp 270 Park Ave New York 17 N Y  
Aro Co 353 N Michigan Ave Chicago 1 Ill  
Argent Lumber Co 400 S Broadway St Jacksonville Fla  
Arkansas Lumber Co Little Rock Ark  
Arkansas Oak Flooring Co 2200 W Fifth St Pine Bluff Ark  
Arkansas Soft Pine Bureau Boyds Bldg Little Rock Ark  
Arlington Ceramic Corp Brazil Ind  
Arlington Inc 672 Jenks Ave St Paul 6 Minn  
Arroyo Steel Co Co Middleboro Mass  
Armor Laboratories Commercial & Duran Sts Glendale Calif  
Armor & Co Fertilizer Works Div 1355 W 31st St Chicago 11 Ill  
Armour & Co Sandpaper Div 1353 W 31st St Chicago 11 Ill  
Armstrong-Bragg & Co 5354 Northwest Hwy Chicago 30 Ill  
Armstrong Tool Co 5300 W Armstrong Chicago 30 Ill  
Armstrong Cork Co E Liberty St Lancaster Pa  
Armstrong Mfg Co 333 Knowlton St Bridgeport 3 Conn  
Armstrong Paint & Varnish Works 1330 South Kilburn Chicago 11 Ill  
Armstrong Products Corp Huntington 12 W Va  
Armo Paint Co Inc 550 W 46th St New York 19 N Y  
Arro Expansion Bolt Co 1430 N Boone St Marion O  
Arrow Fastener Co 30-38 Mauler St Brooklyn 6 N Y  
Arrow Lock & Heggman Elec Co 103 Hawthorne St Hartford Conn  
Arrow Hark Corp 762 Wythe Ave Brooklyn 11 N Y  
Arrow Mfg Co Independence Kans  
Arro Products Corp Grand Rapids Mich  
Arrowsmith Tool & Die Co 9700 Bellanca Ave Los Angeles Calif  
Art Concrete Works 362 S Fair Oaks Pasadena Calif  
Artcraft Ornamental Iron Co 724 E Hudson St Columbus O  
Artcraft Venetian Blind Mfg Co 3960 Olive St St Louis Mo  
Artcrete Products Corp Upper Park Pa  
Artex-Green Corp 73 Sterling Pl Brooklyn N Y  
Artistic Venetian Blind Co 1955 Park Ave New York N Y  
Art Mirror & Glass Specialty Co 4401 W Carroll Chicago 11 Ill  
Artney Corp 3422 N Kinland Ave Chicago 18 Ill  
Arvis Mfg Co Glendale Calif  
Asbestos Anhalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill  
Asbestos Co of Texas Box 1082 Houston 1 Tex  
Asbestos Service Co Wauwatosa 13 Wis  
Albion Supply Co E 19 Bernard St Spokane Wash  
Aslow Co 9 Van Wyck St New York 10 N Y  
Ash Grove Lime & Portland Cement Co Fairfax Bldg Kansas City Mo  
Asphalt Roofing Institute 2 West 45th St New York N Y  
Associated Plywood Mills Eugene Ore  
Astoria Spruce & Lumber Export Co Astoria Ore  
Astrup Co 2937 W 25th St Cleveland 13 Ohio  
Athens Brick & Tile Co Athens Tex  
Athens Stone Works Hicks & Mabry Sts Athens Tenn  
Athey Mfg Co 6416 E Ashland Chicago 11 Ill  
Atlas Machine & Foundry Co 75 Chestnut Hill Ave Athol Mass  
Atlas Mfg Co 402 Michigan Mich  
Atlanta Oak Flooring Co Atlanta 1 Ga  
Atlanta Stone Works Atlanta Ga  
Atlantic Frosting Co Savannah Ga  
Atlantic Lumber Co 88 Broad St Boston Mass  
Atlantic screw Works Hartford Conn  
Atlantic Tank Corp 1211 Tenelle Ave North Bergen N J  
Atlantic Transportation Co Div Yale & Towne Mfg Co 101 W 7 Chicago 20 Ill  
Atlantic Abrasive Corp 161-12th St Brooklyn 15 N Y  
Atlas-Ansonia Co 511 Siles Lane North Haven Conn  
Atlas Bolt & Screw Co 1109-1160 Ivanhoe Bld Cleveland 14 Ohio  
Atlas Conveyor Co First & 15th St Clintonville Wis  
Atlas Fence Co Allen St & Custer Ave Philadelphia 24 Pa  
Atlas Floor Surfacing Machinery Corp 250 E 34th St New York 10 N Y  
Atlas Press Co 1973 N Pitcher St Kalamazoo Mich  
Atlas Shear Co Bridgeport Conn  
Atlas Tank Corp Sherman & Beales Sts Fairhaven Mass  
Attapulgus Clay Co 208 W Washington St Philadelphia 5 Pa  
Aum Foundry Co Inc Dallas & Eleventh Sts Auburn Ind  
Auer Register Co 3608 Payne Ave Cleveland 14 O  
Augusta Harwood Co Augusta Ga  
Augusta Lumber Co Augusta Ga  
Augusta (A E) Bay Village O  
Aurora Pump Co 4610 Locust St Aurora Ill  
Austin & Edly Inc 117 Broad St Boston Mass  
Austin (M B) Co 1405 Sherman Northbrook Chicago Ill  
Austral Sales Corp 101 Park Ave New York 17 N Y  
Auto Electrical Specialty Co 34-20 45th St Long Island City 1 N Y  
Autocar Co 945 Wood Ave Ardmore Pa  
Autofrosting Co 2035 Washington Ave Philadelphia Pa

Autographic Register Co 215 Seventh St Woboken N J  
Autolene Lubricants Co 1301 W Evans Downer 9 Colo  
Automatic Machine Products Co Blockside Div 43 Court St Middletown Conn  
Automatic Transportation Co Div Yale & Towne Mfg Co 53 W 87th St Chicago 20 Ill  
Automatic Water Co Newton Ia  
Auto Sign Display Co St Louis Mo  
Autos Sales Div Venco Co 7400 E 12th St Kansas City  
Autore Co Oakville Conn  
Aynair Co Wayne Township Paterson N J  
Ayres Hardware Co Baltimore 12 Md  
Ayres & Reichert Co 3039 N Erie at McKnight Toledo O  
Ayles & Bowen Shingles Castor Rock Wash  
Azer Products 695 S Santa Fe Los Angeles Calif  
Apex Rotaxer Corp 1070 E 152 St Cleveland 10 O  
Applian Art Glass Works New Bridge Rd Bergenfield N J  
Applian Mfg Co Bateria Ill  
Applian Truck & Furniture Co Applian Wis  
Applian Mfg Co Alliance O  
Approved Products Co 205 E 42nd St New York 17 N Y  
Astorite Co Ltd Montreal Quebec Can  
Arcade Mfg Div Rockwell Mfg Co Munn Station Freeport Ill  
Arcadia Metal Products Inc 324 N 2nd Ave Arcadia Calif  
Arcs Chape Shing Co Arcadia Calif  
Archer (A W) Co 366 Broadway New York 13 N Y  
Archer-Duane-Midland Co Roanoke Ridge Minneapolis Minn  
Architectural Model Materials Co 4339 W Diversey Blvd Chicago 11 Ill  
Aro-Vent Aluminum Corp 270 Park Ave New York 17 N Y  
Aro Co 353 N Michigan Ave Chicago 1 Ill  
Argent Lumber Co 400 S Broadway St Jacksonville Fla  
Arkansas Lumber Co Little Rock Ark  
Arkansas Oak Flooring Co 2200 W Fifth St Pine Bluff Ark  
Arkansas Soft Pine Bureau Boyds Bldg Little Rock Ark  
Arlington Ceramic Corp Brazil Ind  
Arlington Inc 672 Jenks Ave St Paul 6 Minn  
Arroyo Steel Co Co Middleboro Mass  
Armor Laboratories Commercial & Duran Sts Glendale Calif  
Armor & Co Fertilizer Works Div 1355 W 31st St Chicago 11 Ill  
Armour & Co Sandpaper Div 1353 W 31st St Chicago 11 Ill  
Armstrong-Bragg & Co 5354 Northwest Hwy Chicago 30 Ill  
Armstrong Tool Co 5300 W Armstrong Chicago 30 Ill  
Armstrong Cork Co E Liberty St Lancaster Pa  
Armstrong Mfg Co 333 Knowlton St Bridgeport 3 Conn  
Armstrong Paint & Varnish Works 1330 South Kilburn Chicago 11 Ill  
Armstrong Products Corp Huntington 12 W Va  
Armo Paint Co Inc 550 W 46th St New York 19 N Y  
Arro Expansion Bolt Co 1430 N Boone St Marion O  
Arrow Fastener Co 30-38 Mauler St Brooklyn 6 N Y  
Arrow Lock & Heggman Elec Co 103 Hawthorne St Hartford Conn  
Arrow Hark Corp 762 Wythe Ave Brooklyn 11 N Y  
Arrow Mfg Co Independence Kans  
Arro Products Corp Grand Rapids Mich  
Arrowsmith Tool & Die Co 9700 Bellanca Ave Los Angeles Calif  
Art Concrete Works 362 S Fair Oaks Pasadena Calif  
Artcraft Ornamental Iron Co 724 E Hudson St Columbus O  
Artcraft Venetian Blind Mfg Co 3960 Olive St St Louis Mo  
Artcrete Products Corp Upper Park Pa  
Artex-Green Corp 73 Sterling Pl Brooklyn N Y  
Artistic Venetian Blind Co 1955 Park Ave New York N Y  
Art Mirror & Glass Specialty Co 4401 W Carroll Chicago 11 Ill  
Artney Corp 3422 N Kinland Ave Chicago 18 Ill  
Arvis Mfg Co Glendale Calif  
Asbestos Anhalt & Insulation Inc 2100 Fullerton Ave Chicago 47 Ill  
Asbestos Co of Texas Box 1082 Houston 1 Tex  
Asbestos Service Co Wauwatosa 13 Wis  
Albion Supply Co E 19 Bernard St Spokane Wash  
Aslow Co 9 Van Wyck St New York 10 N Y  
Ash Grove Lime & Portland Cement Co Fairfax Bldg Kansas City Mo  
Asphalt Roofing Institute 2 West 45th St New York N Y  
Associated Plywood Mills Eugene Ore  
Astoria Spruce & Lumber Export Co Astoria Ore  
Astrup Co 2937 W 25th St Cleveland 13 Ohio  
Athens Brick & Tile Co Athens Tex  
Athens Stone Works Hicks & Mabry Sts Athens Tenn  
Athey Mfg Co 6416 E Ashland Chicago 11 Ill  
Atlas Machine & Foundry Co 75 Chestnut Hill Ave Athol Mass  
Atlas Mfg Co 402 Michigan Mich  
Atlanta Oak Flooring Co Atlanta 1 Ga  
Atlanta Stone Works Atlanta Ga  
Atlantic Frosting Co Savannah Ga  
Atlantic Lumber Co 88 Broad St Boston Mass  
Atlantic screw Works Hartford Conn  
Atlantic Tank Corp 1211 Tenelle Ave North Bergen N J  
Atlantic Transportation Co Div Yale & Towne Mfg Co 101 W 7 Chicago 20 Ill  
Atlantic Abrasive Corp 161-12th St Brooklyn 15 N Y  
Atlas-Ansonia Co 511 Siles Lane North Haven Conn  
Atlas Bolt & Screw Co 1109-1160 Ivanhoe Bld Cleveland 14 Ohio  
Atlas Conveyor Co First & 15th St Clintonville Wis  
Atlas Fence Co Allen St & Custer Ave Philadelphia 24 Pa  
Atlas Floor Surfacing Machinery Corp 250 E 34th St New York 10 N Y  
Atlas Press Co 1973 N Pitcher St Kalamazoo Mich  
Atlas Shear Co Bridgeport Conn  
Atlas Tank Corp Sherman & Beales Sts Fairhaven Mass  
Attapulgus Clay Co 208 W Washington St Philadelphia 5 Pa  
Aum Foundry Co Inc Dallas & Eleventh Sts Auburn Ind  
Auer Register Co 3608 Payne Ave Cleveland 14 O  
Augusta Harwood Co Augusta Ga  
Augusta Lumber Co Augusta Ga  
Augusta (A E) Bay Village O  
Aurora Pump Co 4610 Locust St Aurora Ill  
Austin & Edly Inc 117 Broad St Boston Mass  
Austin (M B) Co 1405 Sherman Northbrook Chicago Ill  
Austral Sales Corp 101 Park Ave New York 17 N Y  
Auto Electrical Specialty Co 34-20 45th St Long Island City 1 N Y  
Autocar Co 945 Wood Ave Ardmore Pa  
Autofrosting Co 2035 Washington Ave Philadelphia Pa  
Rabeck Lumber Co Frick Bldg Pittsburgh 19 Pa  
Rabeck & Wilcox Co 85 Liberty St New York 6 N Y  
Rabeck (W W) Co Bath N Y  
Rabeck (Samuel) & Co 640 Greenwich St New York 14 N Y  
Rader Corrugating Co La Crosse Wis  
Rader Wire & Iron Wire Inc 2929 W Cleveland Ave Milwaukee 7 Wis  
Rae American Window Co 2123 E Ninth St Cleveland 15 O  
Raley Lumber Co Laurel Miss  
Raley Lumber Co Bluefield W Va  
Raley & Weston Boston Mass  
Raker Brush Co Grand Central Green Bld New York N Y  
Raker Mfg Co Evansville Ind  
Raker Paint & Varnish Co 224 Sycamore Ave Jersey City 4 N J  
Raker-Ross Inc 602 W McCarty St Indianapolis 6 Ind  
Rakers-Hill Sandstone Brick Co Bakersfield Calif  
Raker-Thomas Lime & Cement Co Phoenix Ariz  
Raldwin-Hill Co 500 Klapp Ave Trenton 2 N J  
Balas Ecuador Lumber Co 502 Fifth Ave New York 18 N Y  
Ballimore Brick Co 3200 E Madison Baltimore Md  
Ballimore Coopers Tank & Tower Co Ostend & Creeks Bld Baltimore 30 Md  
Ballimore Paper Box Co Key Hwy Baltimore Md  
Ballimore Porcelain Steel Corp Mt Winans Ave Baltimore 3 Md  
Ballimore Tool Works 1110 Race St Baltimore 30 Md  
Balts (R N) & Co 1009 Harvard Terrace Evanston Ill  
Rambrick (Richard J) 125 Broad St New York 4 N Y  
Randy & Yeoman Inc Chicago Ill  
Ranks Steel Post Co Newark N J  
Rantam Mfg Co Boston 11 Mass  
Rarber-Culman Co 115 Louisa St Backford Ill  
Rarber-Greene Co 630 W Park Ave Aurora Ill  
Rarber Mfg Co Inc Minneapolis 9 Minn  
Rar-Bronk Mfg Co 6133 Linwood Ave Springport La  
Rarley Mfg Co 38 Gerard Ave New York N Y  
Rard Mfg Co Bryan O  
Rarper (P M) Lumber Co Statesville N C  
Rarland Weatherstrip Material Co 1958 E 59th St Cleveland 3 O  
Rarlow & Seelig Mfg Co Ripon Wis  
Rarshay (Chas H) Greenacres Ind  
Rarres Dir Corp Charlottesville Va  
Rarres Mfg Co 651 N Main St Mansfield O  
Rarres Tool Co 150-40th St New York 11 N Y  
Rarburgh Mfg Co Charlotte 1 N C  
Rarhart (A W) Co 141 Highland St Port Chester N Y  
Rarrell (William L) Co of N York 40 Worth St New York 13 N Y  
Rarret-Cravens Co 4631 S Western Blvd Chicago 9 Ill  
Rarrett Div Allied Chemical & Dye Corp 40 Baxter St New York 6 N Y  
Rarrett Varnish Co 1532 S 50th Ct Cicero 50 Ill  
Rarrett (William L) 144 School St Bristol Conn  
Rarrows Lock Works 24th & Commonwealth Ave N Chicago Ill  
Rarrest Industries 302 E Fourth St Vinton Ia  
Rarstick Co Howard Ave Bridgport 2 Conn  
Rarstin-Bresling Co 4229 W Peterson Chicago 11 Ill  
Rarson Prefabricated Structures Burlington Calif  
Rarser Frank P Marble Co 4352 W Melrose Chicago Ill  
Rarser Mfg Co 1000 Bowman St Wooster O  
Rarshamer Mfg Co Inc Jerseyville Ill  
Rarster (J E) & Co 200 Bush St San Francisco Calif  
Rar-City Lumber Co Aberdeen Wash  
Rar de Nugent Co 80 E Jackson Blvd Chicago 4 Ill  
Rarley (William) Co 1500 Warden St Springfield 99 O  
Rar Ridge Specialty Co Trenton 2 N J  
Rar State Abrasive Products Co Farmer St Westboro Mass  
Rar State Belling Co 231 Summer St Boston 10 Mass  
Rar State Stamping Co 84 Grove St Worcester 1 Mass  
Rar S & B Engineering & Supply Co Houston Tex  
Rearch Mfg Co Mill & Boyer Sts Montrose Pa  
Rear Chain Mfg Co 84 Green St Bridgeport 5 Conn  
Rear Lumber Co Jacksonville Fla  
Rear Pipe & Tank Corp 1945 N Columbia Blvd Portland Ore  
Rearstie Lumber Co Bearstie Ala  
Rearstie Steel Tank Mfg Co S Bearstie Neb  
Rearstie Plaster Co Lebanon Ind  
Rearstie Weir Rubber Co Inc 129 Washington Ave So Hopkins Minn  
Rearstie Mfg Co 800 Isis St Inglewood Calif  
Rearstie Pipe Tools Inc 360-400 Sans Ave Warren O  
Rear & Co Inc 1150 Broadway New York N Y  
Rear Planning Corp Div Norton Co 933 Bradford St Troy N Y  
Rearber (W E) Lumber Co Birmingham Ala  
Rearber (W E) Lumber Co Centreville Ala  
Rearstie Glass Co 1000 Valley Seattle 1 Wash  
Rear (C S) Co U S Route 50 Hillsboro O  
Rear Electric Co 1844 W 21st St Chicago Ill  
Rear & Gossett Co 8200 Austin St Boston 6 Mass  
Rearllingham Plywood Corp Bellingham Wash  
Rearlcoil Co 623 S State St Applenton Wis

Belmont Lumber Co Charleston Miss  
Belmont Smelting & Refining Works Inc 230 Belmont Ave Brooklyn 7 N Y  
Belmont Machinery Corp 315 Westport Rd Kansas City 2 Mo  
Belmont Mfg Co 111 Broadway St Astoria Ill  
Bel-Wood Mfg Co Ackerman Miss  
Bemis Bros Bag Co 408 Pine St St Louis 2 Mo  
Bemis & Call Springfield Mass  
Bemis Hardware Lumber Co Robinsonville N C  
Bemis Mfg Co Sheboygan Falls Wis  
Bendix Home Appliances Inc Div Avco Mfg Corp 3300 W Sample St S Bend 24 Ind  
Bendix Mfg Co 192 Lexington Ave New York 10 N Y  
Bendix Corp Columbus Miss  
Bengal Co 214 N Nicholas Ave New York 20 N Y  
Ben-Hur Mfg Co Milwaukee 12 Wis  
Benjamin Electric Co Des Plaines Ill  
Bennett Industries Inc Peasone Ill  
Bennett-Ireland Co 449 Pine St Newark N Y  
Bennett Lumber Corp Oliver & NYCRK No Tonawanda N Y  
Bennett Mfg Co 63 Mechanic St Alden N Y  
Benson Lumber Co San Diego 12 Calif  
Bentley (J A) Lumber Co Zimmerman La  
Benzinger Bros 320 N 3rd St St Louis 2 Mo  
Berg (F O) Co Spokane Wash  
Berg Expn Corp Maryland Wis  
Berg (John) Mfg Co 5319 S La Salle Chicago Ill  
Berg Mfg Co Div Republic Steel Corp 1038 Elden Ave NE Canton 5 O  
Berger (Thomas W) Inc American Bldg Cincinnati O  
Berkeley Models Inc 134 Greenwood Brooklyn N Y  
Berkeley Specialties Co Berkeley Calif  
Bernard (Philip) Co Sioux City Ia  
Berry Bros Inc 211 1/2 St Detroit 7 Mich  
Bertram Co 49 N Hutchinson St Philadelphia Pa  
Besser Mfg Co 125-50th St Alpena Mich  
Bessler Disappearing Steel Co 2500 E Market St Akron 5 O  
Best (John H) & Sons Galva Ill  
Best Mfg Co 419 S Sultana Ontario Calif  
Best Universal Lock Co 10 N Seneca Indianapolis 4 Ind  
Bestwood Cedar Shingle Co Ltd Barret B C Canada  
Bethlehem Steel Co Bethlehem Pa  
Better-Bilt Door Co 950 Harbor Bldg Egg Harbor City N J  
Bett 19 Cl Lumber Co Montgomery Ala  
Bibb Mfg Co Main & Water Sts Macon Ga  
Biddle Co 612 S Main St St Louis 2 Mo  
Biddle Purchasing Co 240 Broadway New York 8 N Y  
Bigman-Mennekings Co Sutherland Oregon  
Bigelow-Sanford Carpet Co Inc 140 Madison Ave New York N Y  
Bileo Co 164 Hallowell Ave New Haven 6 Conn  
Biles-Coleman Lumber Co Omak Wash  
Bill-Jax Co 100 Wye Rd Archbold O  
Billings & Spencer Co 12 Laurel St Hartford 1 Conn  
Billings (Neil J) Inc 1844 18th Ave Rockford Ill  
Bills Venturing Bldg Co 5491 S Lake Park Chicago Ill  
Bingham Brick Co Ltd Binghamton N Y  
Binks Mfg Co 3124 W Carroll Chicago 12 Ill  
Bingwanger & Co 207 N Main St Houston 1 Texas  
Bird & son Inc 47 Wilson St W Walpole Mass  
Birge Co Inc Niagara & Maryland Sts Buffalo N Y  
Birmingham Ornamental Iron Co Birmingham Ala  
Birmingham Stone & Range Co Birmingham Ala  
Birtman Electric Co 4140 W Fullerton Chicago 39 Ill  
Bixens Linswood Co Lincoln Liberty Bldg Philadelphia Pa  
Black Bros Inc 550 Erie Ave Mendota Ill  
Black Cat Corp Hattiesburg Miss  
Black & Decker Mfg Co 600 E Pennsylvania Ave Towson 4 Md  
Black Hills Clay Products Co Belle Fourche S Dak  
Black (J W) Lumber Co Corning Ark  
Black Mfg Co Parkton 30 Md  
Blackburn Post Pipe Co 248 Newford St Louis Mo  
Black Stralis & Bryson Inc 720 Delaware Kansas City Mo  
Blackstone Corp 1040 Albin Jamieson N Y  
Blais Brick Co Cumberland Center Me  
Blaisdell Pencil Co 141 Berkeley St Philadelphia Pa  
Blatt (Frank I) Co Inc Rattlesnake Pa  
Blaw-Knox Div Blaw-Knox Co Farmers Bank Bldg Pittsburgh 1 Pa  
Blick (T C) Plywood Co Inc 263 Park Ave E Hartford Conn  
Black-Lift Co Mt Vernon O  
Blackel Stewart & Welch 904 Standard Bank Bldg Vancouver B C Canada  
Blomington Limestone Co Box 44 Blomington Ind  
Blount (A O) Co Everett Mass  
Blount Lumber Co Lacuna N Y  
Blountite Co of America Div Hachmeister Inc 23rd & Forbes Pittsburgh Pa  
B L Shingle Co Arlington Wash  
B & L Tool & Machine Co Plainville Conn  
Blue Diamond Corp 1650 S Alameda St Los Angeles Calif  
Blue Mountain Mills John Day Ore  
Blue Ridge Glass Corp Nicholas Bldg Toledo O  
Blue Ridge Talc Co Inc Henry Va  
Blue (Julius F) Co Inc 532 W 22nd St New York 11 N Y  
Bochler Lumber Co Lehigh Ave Trenton N J  
Bodine (CP) Lumber Co Memphis Tenn  
Bodinson Mfg Co 2403 Bayshore Blvd San Francisco Calif  
Boehm-Madison Lumber Co 164 W Wisconsin Ave Milwaukee 3 Wis  
Boegt & Carough Co Washington Ave Paterson N J  
Bole Crane Co 330 W Central Ave Toledo 6 O  
Boiler (Peter) Machine Works 124 S Aberdeen Chicago Ill  
Bonner Spring Hinge Co Inc 251-271 Clason Ave Brooklyn 5 N Y  
Bonham Mills Inc 295 Fifth Ave New York N Y  
Bond Electric Corp Div Utih Industries Inc New Haven 4 Conn  
Bonifay (Wm) Lumber Co Menahwa Wis  
Booster (H M) Nedrow N Y  
Book Service Dept American Builder Simmons-Bowdoin Publishing Corp 20 Chambers St New York 7 N Y  
Booth-Kelly Lumber Co Eugene Ore  
Booth Co Chemical Div 350 Madison Ave New York 17 N Y  
Bora Wood Co Maspeth L I New York  
Bora Wood Products Co Inc Bunnettsville B C  
Bora Mfg Co 1391 E 13th St Kenosha Wis  
Bostitch Inc 1101 Mechanic St Westery B C  
Boston Brass Co Inc Waltham 54 Mass  
Boston Insulated Wire & Cable Co Bay St Dorchester 25 Mass

Boston Lightning Bolt Co Dedham Mass  
Boston (W R) Co Woburn Mass Boston Mass  
Boston Wrenn Haws & Rubber Co Cambridge Mass  
Bostrom Brady Mfg Co 537 Stonehall St W Atlanta Ga  
Bostrom Chemical Laboratory Co 2238 S Wabash Chicago Ill  
Botwick Steel Lath Co 101 Newton Ave Niles O  
Bowen (A M) Lumber Co Dyersburg Tenn  
Bowens Pottery Co Manhattan N Y Va  
Bowler Lumber Co Bowler Wis  
Boynton Mfg Co Boynton Va  
Boyer (James H) Mfg Co 4117 N Kilpatrick Chicago Ill  
Boyer (C) Chemical Laboratory Co 2238 S Wabash Chicago Ill  
Boyer Mfg Co Los Angeles Calif  
Boyer-Midway Inc 22 E 40th St New York 16 N Y  
Boyer-Forde Gear Works Clerks Ill  
Bradford Machine Tool Co 657-671 Evans St Cincinnati 4 O  
Bradley (L E) & Co 25 W 45th St New York 19 N Y  
Bradley Lumber Co Ark Warren Ark  
Bradley & Vrooman Co 2620 S Dearborn Chicago 16 Ill  
Bradley Machine Co Middletown N Y  
Bradley Conveyors Corp 24 W Jackson Blvd Chicago 4 Ill  
Brainerd Steel Co 1940 Larchmont Ave Warren 2 O  
Brainerd Mfg Co N Washington & Harris E Rochester N Y  
Brails Home Inc N Little Rock Ark  
Brasco Mfg Co Harvey Ill  
Braund-Harmon Co Wabek Bldg Birmingham Mich  
Braun (R B) Co Wabek Bldg Birmingham Mich  
Bram (J G) Co 615 S Paulina St Chicago 12 Ill  
Braw (J N) Lumber Co Valdosta Ga  
Braw (J N) Co Box 355 Valdosta Ga  
Breece-White Mfg Co Endora Ark  
Breinig Bros 1st & Harrison Sts Hoboken N J  
Breitman (Chas W) Co 4545 Reading Rd Cincinnati 2 O  
Breiter-Titchener Corp 1 Hook St Corland N Y  
Breyer Bros Whiting & Co Shaler St Wauson Wis  
Brier Hill Stone Co Starton W Va  
Brimmard 2207 Richmond Terrace Staten Island N Y  
Bridal Falls Shingle Co Glenport W Va  
Bridge Lumber Co Beechport Ore  
Bridgeport Brass Co 20 Grand St Bridgeport 2 Conn  
Bridgeport Chain & Mfg Co 1100 Crescent Ave Bridgeport 1 Conn  
Bridgeport Fabrics Inc 165 Holland Ave Bridgeport 1 Conn  
Bridgeport Hardware Mfg Corp 100 Seaside Park Bridgeport 5 Conn  
Bridgeport Safety Emery Wheel Co Bridgeport Conn  
Bridges (W F) Jackson Miss  
Bridgewater Brick Co Bridgewater Mass  
Briggs Mfg Co 3001 Miller Ave Detroit 11 Mich  
Briggs-Murray Co Inc Everett 18 Mass  
Briggs & Stratton Corp 2711 N 13th St Milwaukee Wis  
Bright Star Battery Co 95 Getty Ave Clifton N J  
Bright Associates Inc Grand Rapids Michigan  
Brillo Mfg Co 60 John St Brooklyn 1 N Y  
Brish Brick Co 228 N LaSalle Chicago Ill  
Briss Waterworks Co Inc 1402 Park Ave New York 17 N Y  
Bristol Co Waterbury 91 Conn  
British Columbia Forest Products Ltd 1022 Metropolitan Bldg Vancouver B C Canada  
Bristol Door & Lumber Co Bristol Tenn  
Brixite Mfg Co S Kearney N Y  
Broadway Machine Co Inc California N Y  
Broadway Rubber Mfg Co 239 E Broadway Louisville 2 Ky  
Brown Mfg Co Inc 1669 N Water St Milwaukee 2 Wis  
Brook Co-Do Inc 285 S Ashland Chicago Ill  
Brookfield & Bacon Rope Co 4203 N Union Blvd St Louis Mo  
Brownell Wire Goods Co 105 E 3rd St Cincinnati O  
Brookhaven Press Brick & Mfg Co Brookhaven Miss  
Brooklyn Cooprage Co Sumter N C  
Brooks Brick Co Brewer Me  
Brookston Machine Co Fair Fla  
Brooks-Shimner Co 662 Presidents Ave Quincy Mass  
Broser Mfg Co Box 231 Quincy Ill  
Brown-Blocker (S) St Paul Minn  
Brown-Blocker Co 500 Fifth Ave New York N Y  
Brown Co Berwick Bld 500 Fifth Ave New York 18 N Y  
Brown (D D) Elkhin Va  
Brown & Co Moshon Conn  
Brownell Co 1400 N Findlay St Dayton 1 O  
Brown (George C) & Co Inc Greenboro N C  
Brown-Graess Co 191 E Miller Ave Akron 2 O  
Brown & Grist 112 Toddie Lane Newport News Va  
Brown (H C) Shingle Co Arlington Wash  
Brown Lightning Protection System Hartford Conn  
Brown & Sharpe Mfg Co 235 Promenade St Providence R I  
Bruce (E L) Co Memphis 1 Tenn  
Bruner-Hurdy Handle Co Hope Ark  
Brunell (J H) & Co 215 Fulton New York N Y  
Brunner Mfg Co 1821 Broad St Utica 1 N Y  
Brunson Instrument Co 1405 Walnut St Kansas City Mo  
Brunson-Balke-Collider Co Inc 823 E Wabash Chicago Ill  
Brush Nail Expansion Bolt Co Greenwich Conn  
Brush Material Inc Cedar Rapids 2 Conn  
Bryant Heater Div Abiltated Gas Equip Inc 17825 St Clair St Cleveland 10 Ohio  
B & T Metals Co 425 W Tenth Columbus 16 O  
B & T Metals Co 408 S Market St Elizabethtown Pa  
Buck (Frank B) & Co 2133 W Tonly Ave Chicago 45 Ill  
Burgoyne-Erie Co 1046 Monroe Ave S Milwaukee Wis  
Burgoyne-Erie Co 1325 Commercial Ave Chicago 11 Ill  
Buffalo Forge Co 465 Broadway Buffalo 4 N Y  
Buffalo Products Inc 315 Babcock Buffalo 10 N Y  
Buffalo Springs Co Syracuse N Y  
Buffalo Wallboard Co Inc Buffalo 7 N Y  
Buffalo Wall Paper Mfg Co Tonawanda N Y  
Buller Lumber & Mfg Co Tacoma Wash  
Bulger Mfg Co 211 S Main St Robinson Ind  
Builders Brick Co Seattle Wash  
Builder's Pipe & Supply Co 2004 Link St Houston Tex  
Building Material Inc Cedar Rapids 2 Conn  
Builders Products 500 N Dearborn Chicago 10 Ill  
Building Products Merchandising Service Little Rock Ark  
Bunyan (Paul) Lumber Co 14 Church St New York 4 N Y  
Burdette Lumber Co Meridian Miss  
Burdett (A) Co 208 W Georgia St Indianapolis Ind  
Burgess Battery Co Battery Div Freepost Ill  
Burgess Co Inc Cedar Falls Ia

Burgess Fastening Co 1221 W 9th St Cleveland 13 O  
Burgess Fiberglass Inc 180 N Wabash Chicago Ill  
Burglar Tran Co Tulsa O  
Burbank Millwork Co Fremont Bridge Seattle 3 Wash  
Burbank Co Bolter Div Bolter St Irvington-on-Hudson N Y  
Burritt (OF) & Bros Woodmont N Y  
Burroughs Adding Machine Co 6071 Second Blvd Detroit Mich  
Burrows Land & Lumber Co Lynchburg Va  
Burton Culp System Inc 2441 S Indiana Ave Chicago Ill  
Burt (E & F O) Co Stone Rte 1  
Burt Mfg Co 929 S High St Akron 11 O  
Burtch Saw Co 91 Pender Ave Worcester Mass  
Burton (S T) Co 229 N La Salle St Chicago 1 Ill  
Busch (A G) & Co Inc 2632 N Central Chicago 39 Ill  
Buschman (E W) Co Inc Clifton & B & O RR Cincinnati 32 O  
Bush (W G) & Co Nashville Tenn  
Bush Prefabricated Structures Inc Huntington Station Long Island N Y  
Bush Machine Works 8th & Eldon Sts Holland Mich  
Busmann Mfg Co 2538 W University St St Louis 7 Mo  
Butler Bin Co Waukesha Wis  
Butler Co Butler Ind  
Butler Mfg Co 1283 Eastern Ave Kansas City 2 Mo  
Butler-McGibbin Mfg Co Inc Ltd Vancouver B C Canada  
B W Molded Plastics Pasadena 4 Calif  
Byers (A M) Co Clark Bldg Pittsburgh Pa  
Byles-Jamison Lumber Co Fresno Calif

C

C-A-Wood Preserver Co St Louis Mo  
Cabel (James) & Co Inc 12 Federal St Boston 9 Mass  
Caddis River Lumber Co Kansas City Mo  
Cadillac Glass Co 900 W Vermont Chicago Ill  
Cadillac-Linswood Lumber Co South Berleas Mich  
Calaveras Cement Co 315 Montgomery San Francisco 4 Calif  
Calaveras Forest Products Corp San Andreas Calif  
Calbar Paint & Varnish Co 2512-26 E Martha St Philadelphia 25 Pa  
Calder (W) Co 311 Sumner St Harrison N J  
Calder Mfg Co 630 N Prince St Lancaster 1 N Y  
Calwell Luce Lumber Co Auburn Ky  
Calwell Mfg Co 85 Industrial St Rochester 14 N Y  
Calwell (W E) Co 2320 Brook St Louisville 6 Ky  
Calgon Inc 323 Fourth Ave Pittsburgh Pa  
California Door Co Diamond Springs Calif  
California Portland Cement Co 612 B Flower Los Angeles Calif  
California Pottery Co Niles Calif  
California Redwood Assoc 405 Montgomery St San Francisco Calif  
California Spray-Chemical Corp Richmond Calif  
California Sugar & West Fine Agry San Francisco Calif  
California Veneer Co Klamath Calif  
California Zonitite Co Sacramento Calif  
Callaway (C K) & Sons Lumber Co Charlotte N C  
Callaway Mills Inc 295 Fifth Ave New York 17 N Y  
Caloric Gas Store Works Widener Bldg Philadelphia 7 Pa  
Calypnia Plywood Co Calypnia Calif  
Calumet Refining Co 4126 S Western Chicago Ill  
Calumet Steel Div Borg-Warner Corp 310 N Michigan Ave Chicago Ill  
Calumet Tanneries Co 50 Church St New York 17 N Y  
Cambria Clay Products Co Blackfork O  
Cambridge Tile Mfg Co Box 17 Cincinnati 15 O  
Cambridge Wire Cloth Co 940 Washington Blvd Cambridge Md  
Canden Pottery Div Universal-Bundle Corp Camden N J  
Cannon (William) & Co Inc Ideal Bldg p o Box 889 Waco Tex  
Campbell (A B) Co Inc 155 Precinct St E Boston 25 Mass  
Campbell Chain Co York Pa  
Campbell Coal Co Atlanta 1 Ga  
Campbell (H F) Sons Corp Towson 4 Md  
Camp Chemical Co 1500-62 62nd St Brooklyn 19 N Y  
Camp Co 695 S State Chicago 21 Ill  
Camp Mfg Co Franklin Va  
Camp Mfg & Sales Co 105 S Tenth Tacoma 2 Wash  
Canadian Forest Products Ltd Hunting-Territt shingle Div Vancouver B C Can  
Canadian Western Lbr Co Ltd Fraser Mills B C Can  
Cannon Sewer Pipe Co Clevelns B Cannon Ind  
Cannon Lbr Co St Louis 4 Mo  
Canton Glass Co Inc Marion Ind  
Canton Glass Institute Inc 2937 W 25th St Cleveland O  
Carpas Products Co 1236 S Seventh St St Louis 4 Mo  
Carson Specialty Co Box 937 Hartford Conn  
Carson Lbr Corp Seattle 1 Wash  
Carson Belling & Butler Co Cincinnati O  
Capwell Mfg Co 60-79 Vanover St Hartford 2 Conn  
Capstone Shingle Co Greenboro B C Canada  
Carroll Prefab Inc Ames Ia  
Carroll Fence Co 735 N Water Milwaukee 2 Wis  
Carroll Mfg Co Olympia Wash  
Carroll Products Co 118 S Third St Springfield Ill  
Carroll Chemical Co 46 Harris Bld Natural Bridge N Y  
Carrollwood Wood Preserving Co 548 W Highland Ave Milwaukee 3 Wis  
Carson Co Inc 11177 E Eight Mile Rd Box 237 Detroit 32 Mich  
Carson Products Co 20 Greenpoint Ave New York 1 N Y  
Carsonwood Co Niagara Falls N Y  
Carsonite Protective Coatings Inc 811 S Main Greenwood Pa  
Casey Industries 818 E Water St Syracuse 3 N Y  
Casey McFall Co 2154 E Duquesne St Philadelphia 25 Pa  
Casey (Phillip) Mfg Co 316 S Wayne Cincinnati 15 O  
Carlson (A B) & Co Aurora 1 N Y  
Carlson & Sullivan Inc Duarte & California Ave Monterey Cal

Carlton Mfg Co Carlton Ore  
 Carlyn Tile Co Ironton O  
 Carman Mfg Co Loogootee Ind  
 Carnation Lumber Co Forest Grove Ore  
 Carnegie-Illinois Steel Co Carnegie-Illinois Bldg Pitts-  
 burgh 30 Pa  
 Carver Co Inc Mantato Minn  
 Caroline Plastering Co High Point N C  
 Carpenter (George B) & Co 1306 N Wells Chicago 54 Ill  
 Carpenter Oak Flooring Co Birmingham Ala  
 Carper & Patterson Inc 1100 Bennington St E Boston  
 28 Mass  
 Carr Adams & Collier Co Dubuque Ia  
 Carr Co 302 S Geddes St Syracuse N Y  
 Carr Lumber Co Plumb Forest N C  
 Carr & Mohr Co Des Moines Ia  
 Carroll (A B) Lumber Co Hurstboro Ala  
 Carter Mfg Co Memphis 2 Tenn  
 Carvers Ink Co Kendall Square Boston Mass  
 Carter (W T) & Bro Houston Tex  
 Casades Plywood Corp Portland & Lebanon Ore  
 Case Truss & Kilburner Jacobs Co 800 Congress St Co-  
 lumbus 16 O  
 Case (J) Co 792 State St Chicago 23 Ill  
 Case (W A) & Son Mfg Co 33 Main St Buffalo 3 N Y  
 Castings Inc 2 W 45th St New York 19 N Y  
 Casper Lumber Co Hobart Bldg San Francisco Calif  
 Catalin Corp of America 1 Park Ave New York 16 N Y  
 Caterpillar Tractor Co 800 W Washington St E Peoria  
 6 Ill  
 Cathey Lumber Co Montgomery Ala  
 Cating Rope Works Inc Memphis 1 N Y  
 Cavalier Corp Chicago 23 Ill  
 Caw Steel Products Co 5701 W 26 St Chicago 50 Ill  
 Cedarberg Mfg Co 539 S Fourth St Minneapolis 15 Minn  
 Cedar Rapids Block Co Dur-O-Wal Div 6556 12th Ave S W  
 Cedar Rapids Ia  
 Celardi Corp William Park L I N Y  
 Celanese Corp of America Plastics Div 180 Madison Ave  
 New York 16 N Y  
 Celina Mfg Co Celina O  
 Cello Plastic Chemical Co Pittsburgh 25 Pa  
 Celtek Corp 120 S LaSalle St Chicago 3 Ill  
 Cenco Industries Inc Gallon O  
 Central Chemical Corp Hagerstown Md  
 Central Distion Co 121 E 11th St Chicago 1 Ill  
 Central Lumber Co Brookhaven Minn  
 Central Machine Works Co 1254 Central Ave Minne-  
 sopolis 13 Minn  
 Central Metal Strip Co 4343 W Western Ave Chicago 18 Ill  
 Central Oak Products Co Nashville Tenn  
 Central Paint & Varnish Works 63-69 Prospect St  
 Brooklyn 1 N Y  
 Central Products Co Box 118 St Forrest Battle Creek Mich  
 Central Service Co 1216 S South St Lafayette Ind  
 Central States Wallmaster Inc 952 Madison Ave Oak  
 Park Ill  
 Century Electric Co 1806 Pine St St Louis 3 Mo  
 Century Engineering Corp Cedar Rapids Ia  
 Century Fence Co 41 Bryant St Waukesha Wis  
 Cersant Chemical Corp 1216 S South St Lafayette Ind  
 Cerrill Waterproofing Corp 3227 S Shields Ave Chicago  
 16 Ill  
 Cernak Tile Co Inc 4719 W 55th St Cleveland O  
 Certain-Tied Products Corp 120 E Lancaster Ave Ardmore Pa  
 Chaffee Bros Co Oxford Mass  
 Chain Bolt Co 1600 W Bruce St Milwaukee 4 Wis  
 Chain-Link Fence Corp 1927-47 W 31st St Chicago 13  
 C & H Air Conditioning Fan Co 1603 Dekalb Atlanta  
 Ga  
 Chalmers Oil Burner Co 318 First Ave N Minneapolis  
 Minn  
 Chamberlin Co of America 1254 La Brome St Detroit  
 26 Mich  
 Chambers Corp Shelbyville Ind  
 Champion Blower & Forge Co 1947 Charlotte Lancaster  
 Pa  
 Champion-De Arment Tool Co 1306-16 Main St Mead-  
 ville 1 Pa  
 Champion Hardware Co 2500 Miller St Geneva O  
 Champion Mfg Co 2925 Washington Ave St Louis 3 Mo  
 Chantrell Hardware & Tool Co Fitchburg Mass  
 Chapeau Sales Corvallis Ore  
 Chapman Chemical Co Memphis 2 Tenn  
 Chapman & Deever Lumber Co Memphis Tenn  
 Charles Machine Works Perry Okla  
 Charleston Clay Products Co 1047 Saunders St  
 Charleston 22 W Va  
 Charlotte Lumber & Mfg Co Charlotte 3 N C  
 Chase Bag Co 309 W Jackson Chicago 11 Ill  
 Chase Brass & Copper Co 236 Grand St Waterbury 01  
 Conn  
 Chase-Shawmut Co 374 Merrimack St Newburyport Mass  
 Chase Turbine Mfg Co Orange Mass  
 Chatsworth Lumber Co Chatsworth Ga  
 Chattanooga Valley Lumber Co Lafayette Ga  
 Chattanooga Implement & Mfg Co Chattanooga Tenn  
 Chattanooga Machinery Co Highland Park Station Chat-  
 tanooga Tenn  
 Chattanooga Saw Works Williams & Davis S Chat-  
 tanooga Tenn  
 Chattanooga Wheelbarrow Co 1511 E Main St Chat-  
 tanooga 1 Tenn  
 Cheesman-Elliott Co Inc 645 Kent Ave Brooklyn 11  
 N Y  
 Chehalis Brick & Tile Co Chehalis Wash  
 C & R Electric Co 436 W Jumeau Ave Milwaukee 3 Wis  
 Chase Elevator Co 549-551 W 32nd St New York 19  
 N Y  
 Chisolea Fan & Blower Co 639 South Ave Plainfield W J  
 China Pipe Works New York  
 C H & E Mfg Co 3849 N Palmer St Milwaukee 12 Wis  
 Chemical Supply Co 225 Plymouth Bldg Cleveland 15 O  
 Cheney Henry Hammer Corp Little Falls N Y  
 Cheney Industries 630 Fremont St Trenton 3 N J  
 Cherokee Brick Co Marion Ga  
 Cherry River Room & Lumber Co Richmond W Va  
 Chester (J) & Sons 41 Varie Ave Brooklyn 6 N Y  
 Chesley Industries Inc 7781 London St Detroit 12 Mich  
 Chevrolet Motor Div General Motors Corp General Motors  
 Bldg Detroit 2 Mich  
 Chew (Joseph) Shingle Co Ltd Vancouver B C Can  
 Chicago Belling Co 121 North Green Chicago 7 Ill  
 Chicago Bronze & Color Works 2659 W Grand Chicago  
 12 Ill  
 Chicago Brush Company 171 W Lake Chicago 1 Ill

Chicago Card Holder Co 732 N Morgan Chicago 26 Ill  
 Chicago Curtail Stretcher Co 1121 W 37th St Chicago  
 Ill  
 Chicago Dow Draft Furnace Co 115 S Clinton Chicago  
 Ill  
 Chicago Dryer Co 2210-2220 N Pulaski Rd Chicago 39  
 Ill  
 Chicago Expansion Bolt Co 1338 W Concord Chicago 12  
 Ill  
 Chicago Faucet Co 2712 N Pulaski Chicago Ill  
 Chicago Fire Brick Co 1461 N Elston Chicago 22 Ill  
 Chicago Lock Co 2926 Racine Ave Chicago 14 Ill  
 Chicago Metallic Sash Co 2112 Ogden Ave Chicago 12 Ill  
 Chicago Paints Inc 4500 W 14th Chicago 23 Ill  
 Chicago Plastic Products Co Inc 310 W Evergreen  
 Chicago Ill  
 Chicago Pneumatic Tool Co Six E 44th St New York  
 17 N Y  
 Chicago Pottery Co 1920 N Clybourn Chicago 4 Ill  
 Chicago Pump Co 2300 W Wolfgram Chicago 22 Ill  
 Chicago Rawhide Mfg Co 1311 N Elston Chicago 22 Ill  
 Chicago Specialty Mfg Co 913 W Montana Chicago Ill  
 Chicago Spring Hinge Co 1500-1502 Carroll Ave Chicago  
 7 Ill  
 Chicago Steel Tube Co 7956 S Chicago Ave Chicago 17  
 Ill  
 Chicago Venetian Blind Co 2223 S Michigan Ave Chicago  
 Ill  
 Chicago Watchlock Div Great Lakes Industries Inc 1538  
 S Wabash Ave Chicago 5 Ill  
 Chicago Wheel & Mfg Co 1311 W Monroe Chicago Ill  
 Chicago Wood & Plastic Products 4201 W Irving Park  
 Bldg Chicago 41 Ill  
 Childrens Mfg Co 635 Yale St Houston Tex  
 Chimes Inc 100 New York  
 Chinese Sales Co National Bank Bldg Fredericksburg Va  
 Chi-Namel Paint & Varnish Co 1101 S Third St Minne-  
 sopolis 13 Minn  
 Chippewa Falls Woolen Mill Co Chippewa Falls Wis  
 Chisholm-Moore Hosiery Corp Div Columbus-McKinnon Chain  
 Corp 5000 Fremont Ave Tonawanda N Y  
 Christiansen (C M) Co Phelps Wis  
 Christy Co Inc St Louis 10 Mo  
 Chrome Plating Co Cleveland O  
 Chromite Co 141 W Jackson Blvd Suite 1227 Chicago 11  
 Church Brick Co Bordentown N J  
 C I Mfg Co Mendota & Montgomery Sts  
 Holyoke Mass  
 Cincinnati Electrical Tool Div The Blood (H K) Machine Tool  
 Co 1216 Madison Rd Cincinnati O  
 Cincinnati Floor Co Eastern & Linwood Ave Cincinnati  
 26 O  
 Cincinnati Fly Screen Div Russell P C Co Union Com-  
 mercial Bldg Annex Cleveland O  
 Cincinnati Galvanizing Co Chickering & Spring Grove  
 Ave Cincinnati O  
 Cincinnati Iron Fence Co Inc 2101 Florence Cincinnati  
 6 O  
 Cincinnati Rubber Mfg Co 4900 Franklin Ave Cincin-  
 nati 12 O  
 Cincinnati Sheet Metal & Roofing Co 226 E Front Cin-  
 cinnati 2 O  
 Cincinnati Time Recorder Co 1733 Central Ave Cincin-  
 nati 14 O  
 Cincinnati Tool Co Cincinnati 12 O  
 Cipes Corp 22nd & Cole Sts St Louis 6 Mo  
 Cires Tool Co Milwaukee 3 Wis  
 Closures & Devices Mfg Co 158-160 32nd St Brooklyn  
 32 N Y  
 City Lumber Co Inc Bridgeport Conn  
 C K L Machine Co 169 Harrison St Oshkosh Wis  
 Clamage Fan Co 719 Porter St Kalamazoo Mich  
 Clark-Babbitt Industries Inc 75 Federal Boston 10 Mass  
 Clark Brothers Steel Co Inc Millidge Tenn  
 Clark & Sons Steel Co 2612 W 17th Wilmington  
 73 Del  
 Clark Door Co Inc 515 Hunderston St Newark 8 N J  
 Clark Equipment Co Industrial Truck Div 256 Cham-  
 psin St Battle Creek 6 Mich  
 Clark & Hammer Inc Belleville N J  
 Clark (J) Co of Spring Park Minn  
 Clark (N) & Sons Div Pacific Clay Products Alameda Cal  
 Clark (Robert) Co Bruno Tools Div 9328 Santa Monica  
 Blvd Beverly Hills Calif  
 Clark (Victor B) Betting Co 605 W Washington Blvd  
 Chicago 6 Ill  
 Clark Wire & Supply Co 1638 S Pulaski Chicago 23 Ill  
 Clarke County Lumber Mills Thomsville Ala  
 Clarke Sanding Machine Co 30 E Clay St Mukwonago Mich  
 Clarox Products Inc 239 Java Brooklyn 22 N Y  
 Clary Multiplier Corp  
 Clay City Pipe Co Urichsvich O  
 Claycraft Co Box 866 Columbus 16 O  
 Clay Equipment Corp 1148 Blake St Cedar Falls Ia  
 Clay Products Inc 300 N LaSalle Chicago 2 Ill  
 Claxton & Lambert Mfg Co 1710 Dixie Highway Loui-  
 sville 10 Ky  
 Clear Studios E Eugene Ore  
 Clear Fire Sales Co Eugene Ore  
 Clear Mfg Co 4525 N 124th St Butler Wis  
 Clearing Single Co Clearwater Wash  
 Clearwater Tank Co Chatsworth Ill  
 Clements (A) Lumber Co Eugene Ore  
 Cleveland Diesel Engine Div General Motors Corp 2160  
 W 106th St Cleveland O  
 Cleveland Gypsum Co Marion Ridge Cleveland 13 O  
 Cleveland Hesters Co 2310 Superior Ave Cleveland O  
 Cleveland Lock Works Div Consolidated Iron Mfg Co  
 1292 E 53rd St Cleveland 14 O  
 Cleveland-Genese Lumber Co Tonawanda Ga  
 Cleveland Quarries Co Cut Stone Dept 1740 E 12th St  
 Cleveland 14 O  
 Cleveland Steel Products Co Torridont Div 7306 W  
 Madison St Cleveland 2 O  
 Cleveland Steel Specialty Co Inc 3765 E 91st St  
 Cleveland 5 O  
 Clifton Mfg Co Waco Texas  
 Clifton Steel Mfg Inc Clinton La  
 Clinton Lock Co Clinton Iowa  
 Clinton Metallic Paint Co Arthur St Clinton N Y  
 Cling Wire Chain Co 1940 Seaman St Clinton Ia  
 Clipper Belt Lacer Co Front St at 11th Grand Rapids  
 2 Mich

Clipper Mfg Co 1617 Cherry St Kansas City 8 Mo  
 Clise Brothers Mfg Co 1932 Harrison Ave Plymouth  
 Ind  
 Clissop Corp Clippas Square Cincinnati 14 O  
 Clorox Chemical Co 850-60 42nd Ave Oakland Calif  
 Close-Nature Co Colfax Ia  
 Cloud Oak Flooring Co Springfield Mo  
 Clover Mfg Co 333 Main St Newark Conn  
 Clove Valley Lbr Co Loyaltan Calif  
 Clove (James B) & Sons 201-299 N Talman Ave  
 Chicago 10 Ill  
 Clyde Iron Works Inc Duluth 1 Minn  
 Clyde Precastin Steel Corp Clyde O  
 Coal-O-Matic Stoker Co Truckee Pa  
 Coastal Lumber Co Lake City O  
 Coastal Plywood & Lumber Co Cleveland Calif  
 Coast Insulating Products 634 S Western Ave Los  
 Angeles Calif  
 Coats (A F) Lumber Co Tillamook Ore  
 Cobbs & Mitchell Co Portland 5 Ore  
 Coburn Mfg Co Whitewater Wis  
 Coburn Trolley Track Products Wickwire Spencer Steel Div  
 Colorado Fuel & Iron Corp Clinton Mass  
 Coddington (E D) Mfg Co 5924 N 37th St Milwaukee  
 9 Wis  
 Coffing Hosiery Co 802 Walter St Danville Ill  
 Coffman (R G) Co Inc Box 259 Orlando Fla  
 Cohn (E) & Sons Cedar Rapids Ia  
 Cole Electric Products Div Federal Electric Products Co  
 42-46 Crescent St Lone Island City N Y  
 Cole Hot Blast Mfg Co 3817 S Racine Chicago 9 Ill  
 Cole Mfg Co Memphis 2 Tenn  
 Coleman Co Sewed & St Francis Sts Wichita 1 Kan  
 Colfax Lumber & Crocking Co Colfax La  
 Colfax Mfg Corp 548 E Bayview Ave Amityville L I  
 N Y  
 Collins Co Collinsville Conn  
 Collins (George F) & Co Sapulpa Okla  
 Collins Lorimer Murphy Lumber Co Urbana O  
 Collins Foreman Lumber Co  
 Collier Bros 1941 Frederick St South Bend 4 Ind  
 Colloid Equipment Co Inc 50 Church St New York Y  
 Colonial Brass Co Davis St Middleboro Mass  
 Colonial Bronze Co Torrington Conn  
 Colonial Cedar Co 600 W Nickerson St Seattle 99  
 Wash  
 Colonial Clay Products Co New Brighton Pa  
 Colonial Pipefits Co 540 N Cicero Chicago 44 Ill  
 Colonial Hardwood Flooring Cincinnati O  
 Colonial Knife Co Inc 287 Oak St Providence R I  
 Colonial Sales Corp 935 Broadway New York 10 N Y  
 Colorado Paint Co 2551 Blake St Denver 3 Colo  
 Colorete Industries Inc Holland 1 Mich  
 Coltrite Corp Tyle-Bord Co Inc Div 975 John St Seattle  
 9 Wash  
 Colson Corp Elyria O  
 Colson Equipment & Supply Co Willow & Mateo Sts Los  
 Angeles 13 Calif  
 Columbia Brick Works 1320 S E Water Ave Portland  
 14 Ore  
 Columbia Chemical Division Pittsburgh Plate Glass Co Fifth  
 Ave at Bellefield Pittsburgh 13 Pa  
 Columbia Industries 19th Ave at 36th St Long Island  
 City N Y  
 Columbia Mantel Co Inc 345 S 9th St Louisville 3 Ky  
 Columbia Metal Box Co 260 E 143rd St New York  
 City 51 N Y  
 Columbia Mills Inc 428 S Warren St Syracuse 2 N Y  
 Columbiana Pump Co E Railroad & Stewart Sts Colum-  
 biana O  
 Columbia Naval Stores Co 1412 Savannah Bldg & Trust  
 Bldg Savannah Ga  
 Columbian Rope Co 3186 Geneva St Auburn N Y  
 Columbian Steel Tank Co 1509 Bohannon Kansas City  
 Mo  
 Columbia Nut & Bolt Co Inc 947 Main St Bridgeport  
 3 Conn  
 Columbus Vise & Mfg Co 9018 Bessemer Ave Clevel-  
 and 4 O  
 Columbia Pipe Co Columbia S C  
 Columbia Protective Co Inc 2-100 Interstate Pl  
 Carlstadt N J  
 Columbia River Paper Mills Vancouver Wash  
 Columbia Valley Lumber Co Bellingham Wash  
 Columbia Steel Co Russ Bldg San Francisco Calif  
 Columbian Coated Fabrics Corp East Seventh & Big Four  
 Rd Columbus O  
 Columbus McKinnon Chain Corp 5000 Fremont Ave  
 Tonawanda N Y  
 Columbus Plastic Products Inc 1601 W Mount St Colum-  
 bus 15 O  
 Combination Door Co Fond du Lac Wis  
 Combined Metals Reduction Co Box 150 Salt Lake City 1  
 Utah  
 Combustion Engineering-Superheater, Inc 200 Madison  
 Ave New York 16 N Y  
 Comfort (George S) Lumber Co Cleveland O  
 Comfort Products Corp 2220 Lamesa St Dallas Tex  
 Commander Door Inc 45 Howell Ave Holmes Pa  
 Commercial Credit Corp First National Bank Bldg  
 Bedford Md  
 Commercial Enclosed Fuse Co Hoboken N J  
 Commercial Shearing & Stamping Inc 5777 W 65th St  
 Chicago 38 Ill  
 Commercial Solvents Corp 17 E 42nd St New York 17  
 N Y  
 Commonwealth Varnish Co 6124 W Parker Ave Chicago  
 39 Ill  
 Comminale Products Co 19221 W Elver Mile Bld  
 Berkley Mich  
 Conant Brothers Co 34 Portland St Boston 14 Mass  
 Conasa River Lumber Co Conasauga Tenn  
 Concess Building Products Inc Mendota Ill  
 Concess Engineering-Works Div Conkey H D Co Mendota Ill  
 Concord Brick Co Concord N H  
 Concord Woodworking Co Inc 457 Main St West Concord  
 Mass  
 Coner Paint Co 4th & Main Sts Kansas City Mo  
 Concrete Equipment Co 514 Ottawa Ave Holland Mich  
 Concrete Pipe Machinery Co Box M-1000 Sioux City  
 19 Ia  
 Conestoga Products Corp Humboldt Ia  
 Conestoga Tractor Mixer Co 4985 Fyler Ave St Louis  
 9 Mo

Condensation Engineering Corp 122 S Michigan Ave Chicago 3 Ill  
Conduit Pipe Products Co Columbus O  
Conor-Davis Lumber Co Charleston S C  
Conspicuous-Nairn Inc Kearny N J  
Conkling (Frank A) Co Memphis 3 Tenn  
Conner Bros Mfg Co 4512 W Fullerton Chicago 90 Ill  
Connecticut Blower Co Hartford Conn  
Connecticut Telephone & Electric Div Great American Industries 100 Britannia Meriden Conn  
Connolly Inc 313 S California Chicago 8 Ill  
Conner Lumber & Land Co 1400 Western Ave Pittsburgh Pa  
Conover-Frogg Glass Co Box 102 West Erie Pittsburgh Pa  
Consolidated Baling Machine 156 Sixth St Brooklyn N Y  
Consolidated Cement Corp 111 W Monroe St Chicago Ill  
Consolidated Industries West Cheshire Conn  
Consolidated Washery & Supply Co 2033 Santa Fe Ave Los Angeles Calif  
Consolidated Paper & Paper Co (Plastics Div) Wisconsin Rapids Wis  
Corvettized Venetian Blind Co 2401 Nicholson St Houston 8 Tex  
Corvettized Water Power & Paper Co Wisconsin Rapids Wis  
Consolidated Wire Products Co 16 Wooster St New York 12 N Y  
Construction Machinery Sales Co 420 Vinton St Waterloo Ia  
Consumers Co 258 N LaSalle St Chicago Ill  
Consumers Glass Co 30 S Commercial Ave St Louis 6 Mo  
Consolidated Asbestos & Refining Co 1 Madison Ave New York 10 N Y  
Continental Diamond Fibre Co East Newark 43 Mich  
Continental Motors Corp Muskegon 85 Mich  
Continental Rubber & Glass Heating Corp 1 E 35th St New York 17 N Y  
Continental Screen Co 1249 Washington Blvd Detroit 26 Mich  
Continental Screw Co 100 Mount Pleasant Ave New Bedford Mass  
Continental Steel Corp 1159 S Main St Kokomo Ind  
Copper Steel & Wire Co 621 E 132nd St New York 14 N Y  
Covey Lumber Co Covey S C  
Cox (A B) Co Malvern Ark  
Cox County Lumber Co 200 E 130th St Chicago 28 Ill  
Cox Electric Co 2710 N Southport Ave Chicago 14 Ill  
Cox (F C) & Co Baltimore 2 Md  
Cox Paint & Varnish Co North Kansas City Mo  
Coxe (H F) Mfg Co Coxsack 11 N Y  
Coolwater Corp Box 399 Duluth 1 Minn  
Coolstream Corp 240 Butler St New York N Y  
Cooperative Industries Elm Lnd J D  
Cooper-Smith Lumber Co Wilkes-Barre Pa  
Coos Bay Logging Co North Bend Ore  
Coos Bay Lumber Co Coos Bay Ore  
Coop Steel & Wire Co 14035 Grand River Ave Detroit 27 Mich  
Coppeland Lumber Co 155 S LaSalle Chicago Ill  
Coppeland Refrigeration Corp Sidney O  
Copper & Brass Research Assn 450 Lexington Ave New York N Y  
Copper (V M) & Co Box 71 Atlanta Ga  
Copperwell Steel Co 39 Telford Gasport Pa  
Coppes Inc Napanee Ind  
Corbett Cabinet Co St Marys Pa  
Corbett Mill Co Anacortes Wash  
Corbin Cabinet Lark American Hardware Corp 100 Orchard St New Britain Conn  
Corbin (P & F) Div American Hardware Corp 67 Park Ave New Britain Conn  
Corbin (P & F) Div American Hardware Corp 67 Park Ave New Britain Conn  
Corinth Machinery Co 480 Tate St Corinth Miss  
Corinth Mill Co 1000 E 10th St Corinth Miss  
Cork Import Corp 39 Park Pl Englewood N J  
Corley Mfg Co Chattanooga 1 Tenn  
Cornell Bolting Works 3638 Ave & 13th St Long Island 6 N Y  
Cornell Wood Products Co 230 N Michigan Chicago 1 Ill  
Cornwall Heater Corp Kansas City Mo  
Cortez Corp 410 Holmes Rd Houston Tex  
Cortright-Jamerson Mfg Corp 650 W Main St Corry Pa  
Cotton (D & W) H Co Plymouth Meeting Pa  
Cortland Grinding Wheels Corp 1 Cortland St Chester Mass  
Covallins Lumber Co Covallins Ore  
Cotton & Hanlon Odessa N Y  
Cotton Brothers Mfg Co East Point Ga  
Cough (H W) Co Inc 1 Arlington St North Quincy Mass  
Coughlin (G N) Co West Orange N J  
Country Gentlemen Independence Square Philadelphia Pa  
Covett (H W) Co 339 E 48th St New York 17 N Y  
Cox (H P) & Co 601 Ottawa Ave NW Grand Rapids Mich  
Coyle (H B) Co 1416 N 31st St Philadelphia Pa  
Coyne McMorris Co Inc Birmingham Ala  
Crag Orchard Stone Co Inc Cromwell Tenn  
Crag Sales Corp 933 Air Way Glendale 1 Calif  
Craff-Bill Products Co Hartsdale N Y  
Craig Mountain Lumber Co Winchester Idaho  
Craig Wood Products Co 1029 Talbotton Rd Columbus Ga  
Crane & Sibley Co Chicago 5 Ill  
Crane (H W) Co 1443 Lake St Chicago 7 Ill  
Crane Electric Industries Eugene Ore  
Crane Packing Co 101 W Erie Platts Chicago Ill  
Crawford-Anstine Mfg Co 325 S Sixth St Waco Tex  
Crawford Corp 1901 N Third St Baton Rouge La  
Crawford Door Co 401 St Jude St Detroit 14 Mich  
Crawford Industries Pomona Calif  
Crawcroft Brick Co Fremont Calif  
Cray-Digit Co Inc 586 Laver St North Tonawanda N Y  
Cres-Cor Chemical Co Utica N Y  
Crescent Brass & Ptn Co 5770-5800 Trumbull Ave Detroit 18 Mich  
Crescent Bronze Foundry Co 116 W Illinois St Chicago 10 Ill  
Crescent Products Co Term Haste Ind  
Crescent Single Co Kewanee Wash  
Crescent Tool Co 3949 Peterson St Jamestown N Y  
Crescent Truck Co 1025 Willow St Lebanon Pa  
Cresy (Doc E) & Sons Chicago 9 N Y  
Cribben & Sexton Co 700 N Sacramento Ave Chicago 13 Ill  
Crip (M E) Lumber Co Welch W Va  
Critical Inc Washburn Wis  
Cronof (J B) Co 218 Evergreen Mill Prospect Ill  
Croft Steel Products Inc 10 Market St Jamestown N Y

Cromer Co Susquehanna St Williamsport Pa  
Crosby Lumber & Mfg Co Crosby Minn  
Crosby Die Aves Mfg Corp 1529 Arlington St Cincinnati O  
Crossett Chemical Co Crossville Tenn  
Crossett Lumber Co Crosssett Ark  
Crown Long Leaf Lumber Co Inc Long Leaf La  
Crown Die & Tool Co 180 N Jefferson Chicago Ill  
Crown Slacks & Screens Co 41 Lockdale Rd Boston Mass  
Crown Stone Works Inc 4631 W 12th Pl Chicago Ill  
Croyal Silica Co 717 E 61st St Los Angeles Calif  
Cuber Trailer Co South Bend Ind  
Cudley Packing Co 221 N LaSalle Chicago Ill  
Cully Furniture Co Door Div Williamsport Pa  
Culligan-Scott Co 1947 Bremer Ave Northbrook Ill  
Cumberland Portland Cement Co Chattanooga Tenn  
Common Sons Cypress Co Jacksonville Fla  
Conroy Machine Co 9-11 Melcher Boston 10 Mass  
Commings Business Machine Co Wapport (Fred W) Div 4740 W Renaissance Ave Chicago 40 Ill  
Cummins Engine Co Fifth & Wilson Sts Columbus Ind  
Cunningham Machinery Corp 755 Bicos St Shoreport La  
Cupples Co 401 S 7th St St Louis 2 Mo  
Cypress Products Corp 2650 S Hanley Rd St Louis 17 Mo  
Capriol Div Darwuth Inc 2 Maple St Sibleytown Corp Lumber Co 17507 Vanhyus Detroit Mich  
Curtis Adams Co Boston Mass  
Curtis Companies Inc 1200 S Second Ave Clinton Ia  
Curtis Lighting Inc 6135 W 45th St Chicago 58 Ill  
Curtis Mfg & Lubricate Co 28 Lewis Wharf Boston 10 Mass  
Curtis Publishing Co (Saturday Evening Post) Independence Square Philadelphia Pa  
Curtis Co 227 Searle Blvd Los Angeles 6 Calif  
Cutler Hammer Inc 315 North 124th St Milwaukee 1 Wis  
Cutler Mfg Co Charleston Mass  
Danner Metal Works Co American Steel & Wire Co Washagan Ill  
Cyclone Mfg Co Urbana Ind  
Cyclone Seeder Co Urbana Ind

D

Dacron Lumber Co W Memphis Ark  
Dade Bros Inc Minola N Y  
Dadette Lumber Co Dadette Ala  
Dad & Lad Co New Lenox Ill  
Dalley Flooring Corp Dalley W Va  
Dallas Iron & Wire Works 4211 Denton Drive Dallas Tex  
Dallas Foundries Inc Warawa Ind  
Dallas Mfg Co 20 S Central Ave St Louis 5 Mo  
Damasco Steel Prods Corp 2199 W Kishwaukee St Rockford Ill  
Damp-Vent Co 817 23rd St Bettendorf Ia  
Danbury Rubber Co Danbury Conn  
Danzon (B B) Inc Danville Mich  
Danzel & Bussell Inc Portland Ore  
Dantler (J N) Lumber Co Perkinson Miss  
Danner Metal Works Co American Mfg  
Darden (Roy) Industries Inc Atlanta 3 Ga  
Dargen Lumber Mfg Co Conway S C  
Darlington Veneer Co Darlington S C  
Darnell Corp Ltd 3517 E 11th St Long Beach 4 Calif  
Dart (E M) Mfg Co 134 Thurston Ave Providence 3 R I  
Dart Mfg & Sales Co 1246 Champa St Denver 4 Col  
Damm (Howard A) 2015 Brookfield Pittsburgh Pa  
Davenport Ladder Co Davenport Ia  
Davy Compressor Co 18 Warner & Cook St Kent O  
Davit-Marydole Tool Corp Hurstville & Forsythe Sts Norwich N Y  
Dawson Enamel Prods Inc 808 E Ribby Rd Lima O  
Davidson Mfg Corp 1020 W Adams Chicago Ill  
Davis Bros Lumber Co Ltd Ansley La  
Davis Flywood Corp 12535 Beech Rd Cleveland 11 O  
Davis Glass Agency 25116 Cleveland 11 Wash  
Davis & Sibley Co 4032 Hamilton Ave Cincinnati O  
Davis-Walton Mfg Co Nunda N Y  
Day Automatic Fire Escape Co Box 51 Calvin Station Syracuse 5 N Y  
Day Co 306 W 49th St Chicago 21 Ill  
Day & Night Mfg Div Amillated Gas Expt Inc S Shamrock Ave Menlo Park Calif  
Day-Smith Hydraulic Corp Camp Hill Pa  
Daystrom Laminates Inc Daystrom N C  
Dayton Electric Mfg Co 748 W Adams Chicago Ill  
Dayton Irrigation Co Inc Dayton O  
Dayton Pump & Mfg Co 500 N Webster St Dayton 1 O  
Dayton Rubber Co 10 Rubber St Dayton 1 O  
Dayton Safety Ladder Co Seaton Bldg Cincinnati O  
Dayton Surr-Grip & Shoe Co Miamiburg O  
Dassy Corp Warren & Carver Sts St Louis Mo  
Dawson (J C) Co 1000 W 11th St Chicago 5 Ill  
Dealers Price Book Barstow Wis  
Deardon Glass Co 21st & S Western Ave Chicago 8 Ill  
DeBorsh Fans Div American Mach & Metals Inc E Moline Ill  
Deaton Iron & Steel Deaton Ia  
Deaton Pump Co 2738 Selma Park Rd Deaton Ill  
Deaton Steel Prods Co Box 28 Deaton Ind  
Decker (A B) Shingle Co Elma Wash  
Deerotte Inc 2116 Peachtree Rd NW Atlanta Ga  
Deeds Machine Works 2070 W 11-Mile Rd Berley Mich  
Deer Clay Prods Co Bloomingdale Ind  
Deemer Lumber Co Deemer Miss  
Deemer Die Mfg Co Motor Products Corp 3326 Davis St N Chicago 13 Ill  
Deere & Co Moline Ill  
Deere (J G) & Son Hixson Mo  
Deer Park Lime Industry Inc Deer Park Wash  
Dehane Lumber Co Tacoma Wash  
Dehane Metal Weatherstrip Co Oak Harbor O  
Delaxal Separator Co Inc 1520 16th Broadway New York 6 N Y  
Delaware Floor Prods Inc 295 Fifth Ave New York N Y  
Delaware Tool Steel Corp E Wilmington 99 Dela  
Delco Application Div General Motors Corp Lynn & Whitney Bldg Rochester N Y  
Del-Mar Cabinet Co Inc 2865 Gordon Rd Atlanta Ga  
Delta Film Works Inc Looney & Thompson Sts Philadelphia 27 Pa

Delta Mfg Div Rockwell Mfg Co Vinona & Stuebans Ave Milwaukee Wis  
Delta Tank Mfg Co Inc Baton Rouge La  
Deluxe Metal Furniture Co 243 Strubbers Ave Warren Pa  
Delux Co 42 Broadway  
Demeter Mill Mfg Co Beatrice Neb  
Demery & Associates 8821 Centerville Cleveland 6 O  
Denbush Steel Prods Co 39 N Wacker Dr Chicago 6 Ill  
Deniston Co 4656 S Western Ave Chicago Ill  
Denning Point Brick Works Beacon N Y  
Denon Chemical Co 2701 Papin St St Louis Mo  
Dennis (W J) & Co 4444 Irving Park Rd Chicago 41 Ill  
Densmore Brick Co Lebanon N Y  
Denver Fire Clay Co 2701 Blake St Denver 17 Col  
Denver Floor & Safety Supply Co 3801 High St Denver Col  
Denver Sewer Pipe & Clay Co W 45th Ave & Fox Denver Col  
Dependable Machine Co Southfield 1235 Greenwood N C  
Des Lauriers Column Mould Co 1000 S Keller Chicago Ill  
Des Moines Mfg Co Des Moines Ia  
Des Moines Incubator Co Des Moines Ia  
Des Moines Ornamental Iron Co 400-404 B E Jackson Ave Des Moines 15 Ia  
Des Moines Steel Tank Co Independence Mo  
Des Moines Trench Mfg Co 713 Walnut St Urbana O  
Desoto Hardwood Flooring Co Memphis Tenn  
Deputy Dooler Mfg Co 1738 Elizabeth St N W Grand Rapids 2 Mich  
Detroit Scales Inc Park Ave & Sanford St Brooklyn 5 N Y  
Detroit Watch Corp 84 Varich St New York 13 N Y  
Detroit Hardware Mfg Co 2711 E 14th St Detroit 7 Mich  
Detroit Holt & Machine Co Clay Ave & I T R B Detroit 11 Mich  
Detroit Locomotor Co 5900 Trumbull Detroit Mich  
Detroit Michigan Steel Co 6900 Jefferson Detroit Mich  
Detroit Sheet Metal Wks 1520 Oakland Blvd Detroit 6 Mich  
Detroit Surfacing Machine Co 7433 W Davison Detroit 4 Mich  
Detroit Trench & Mfg Co 12111 Cardinal at Horn Sts Detroit Mich  
Detroit Vapor Blase Div Borg-Warner Corp 670 E Woodbridge Detroit Mich  
Deuse (E W) Co Chester Conn  
Devicex Inc New York 22 N Y  
DeVilbiss Co 300 Phillips Toledo 1 O  
Deves & Barnette Inc 747 First Ave New York 17 N Y  
DeWalt Inc Box 540 Lancaster Pa  
DeWax Mfg Co Inc 30 35th St Brooklyn N Y  
DeWitt Mfg Corp W 43rd St & Dyer Ave New York 18 N Y  
DeWitt (A) Lumber Co Philadelphia Miss  
DeWitt Army Chemical Co Philadelphia Pa  
DeWitt Portland Cement Co 424 Alameda Rd Kansas City 2 Mo  
DeWitt-Shepard Boiler Co 1311 N Capitol Ave Indianapolis Ind  
DeWitt Shingle Co Everett Wash  
Dexter Co Fairfield Ia  
Diamond Chain & Hardware Co Swanton St Duluth Minn  
Diamond Chain Co Inc 400 Kentucky Ave Indianapolis 7 Ind  
Diamond Expansion Bolt Co Inc 498 North Ave Garwood N J  
Diamond Match Co Chico Calif  
Diamond Rubber Div Goodrich (B F) Co 448 S Main St Akron O  
Diamond T Motor Car Co 4401 W 30th St Chicago Ill  
Dick (A B) Co Miles Ill  
Dick Bros Inc Reading Pa  
Dickerson (Clark) Lumber Co Reed City Mich  
Dickens Tools Co Burlington & Warren Ave Downers Grove Ill  
Dickey (W B) Clay Mfg Co 922 Walnut St Kansas City Mo  
Dickinson Clay Prods Co Dickinson N D  
Dick (E & J) Co Inc 24-46 Soke St Fayette N J  
Dickson Weatherproof Nail Co 1900 Greenwood Ave Evanston Ill  
Dick-Ponitex Co 153 Wagner St Dayton O  
Diebold Inc 1411 Fifth St St Canton 2 O  
Diehl Mfg Co Electrical Div Slager Mfg Co 1100 Fingert Ave Romerville Ill  
Diener (George W) Mfg Co 427 N Montclair Chicago 24 Ill  
Dietsch Lumber & Coal Co Dietsch Bldg Kansas City 6 Mo  
Dietsch (Eugene) Co 2425 N Sheffield Chicago 14 Ill  
Dietsch (E B) Co Letitz & Groves Inc New York N Y  
Dillabaugh (C B) Boat Co 7928 Ne Mallory Ave Portland 13 Ore  
Dinor 1700 London Rd Cleveland O  
Dirate Mfg Co Box 541 Westfield Mass  
Dislapr Tract Grand Rapids 6 Mich  
Dixton (Henry) & Sons Inc Philadelphia 35 Pa  
Dixey Corp 1900 W Boone Chicago Ill  
Dixie Fire Brick Co Birmingham Ala  
Dixie Longing Tool Co Ansonia Tenn  
Dixie Lumber Co Inc 8201 Fig St New Orleans La  
Dixon (Joseph) Crucible Div Rite-Rite Mfg Co Jersey City N J  
Dobbin Mfg Co 1200 Boardway Ave Elkhart Ind  
Dobson Mfg Co Wichita 2 Kan  
Dodge Bros Corp Div Chrysler Corp 7000 Joseph Campus Ave Detroit Mich  
Dodge Corp Co Inc 664 Manor St Lancaster Pa  
Duggert Field Co Springfield Ill  
Duff (W F) Co 496 Manhattan Ave Brooklyn N Y  
Dolan Lumber Co Augusta Ga  
Dolher & Caron Lumber Co Merchants Exchange Bldg San Francisco Calif  
Dole Valve Co 1928 Carroll Ave Chicago 13 Ill  
Dolan (Robert) Co Glendale Ore  
Dolan Paint & Varnish Co 222 Locust St Toledo 2 O  
Dolan Bros 19300 Miles Ave Cleveland 5 O  
Donnelly Brick Co New Britain Conn  
Dorco Lighting Bulb Co Ansonia Ala  
Dorbin Metal Strip Mfg Co 2410 S Clow Ave Chicago 90 Ill  
Dorco Mfg Co 1904 First Ave Wixom Mich  
Dorsey Trailers 401 Hickman Elba Ala  
Douglas Distributor Corp 901 Gerard Ave NE Washington 11 D C  
Douglas Fib Plywood Association 301 Tacoma Bldg Tacoma 2 Wash  
Douglas Fir Wholesalers Inc Maryville Wash

Douglas-Guardian Warehouse Corp 118 N Front St New Orleans 1 La  
 Douglas (John) Co 71st & B O R E Cincinnati O  
 Douglas Steel Furnace Co Dowagiac Mich  
 Dose (H) Refect Div Clayton Stiles E Thorndyff W  
 Downing (F M) Lumber Co Gorham Ala  
 Downs Crane & Hoist Co 540 W Vernon Ave Los Angeles 37 Calif  
 Downst Spring Co Dowagiac Mich  
 Draper (Fred) Lumber Co Colville Wash  
 Dravo Corp Dravo Bldg Pittsburgh 22 Pa  
 Drumm Mfg Co 2409 18th St Racine Wis  
 Dry (C) & Co 39 Ford St Huntington Mass  
 Dry-Gas Corp 343 S Dearborn St  
 Dreyer-Harris Co Harrison N J  
 Drets Mfg Corp N Green Bay at Francis Milwaukee 10 Wis  
 Drummond Mfg Co Main & Drummond St Louisville Ky  
 Drury Brick Co Essex Junction Vt  
 Drysdale House Inc Baltimore 1 Md  
 Dry Climate Lapping Corp Greenburg Ind  
 Drywall Taping Co Burlingame Calif  
 Du All Scaffold Bracket Co 44 E Broad St Columbus O  
 Dubois Lumber Co Vancouver Wash  
 Dugan Distributing Co Omaha Neb  
 Dudley Lock Corp 570 W Monroe Chicago Ill  
 Duff Norton Mfg Co 2710 Frodo St Pittsburgh 12 Pa  
 Dugan's Invisible Stone Patch & Stone Stain Prod 7015 8 Prairie Chicago Ill  
 Dunsmuir Div Mason Construction Co Inc 131 N Ludlow St Dayton 2 O  
 Duncan Saw Corp 33 W 42nd St New York 18 N Y  
 Dunham (C A) Co 1400 W Madison Chicago 6 Ill  
 Dunlap Radiator Corp Dunkirk N Y  
 Dunning (H A) Westerville 10  
 Dunn (W E) Co 263 Fred St Holland Mich  
 Dun-Safety Ladder Corp 9th at 800 RR Oakland Wis  
 Dun-Therm Div Motor Wheel Corp 111 W Mt Hope Lansing 3 Mich  
 Dunix Hanger Co 5300 Lakeside Ave Cleveland 14 O  
 Duplex Inc 634 N Lapeer Dr Los Angeles 46 Calif  
 DuPont (E I) de Nemours & Co Wilmington 98 Del  
 Durabilt Homes Co Denver  
 Durafac Corp 411 E 25th St Baltimore 2 Md  
 Durbin-Durco Inc 6400 Olive St St Louis 3 Mo  
 Durbin (Donald) Co 293 Mountain St Des Moines Ia  
 Durham Mfg Co Durham Conn  
 Durisol Inc 420 Lexington Ave New York 17 N Y  
 Durso-Avond Co 263 Fred St Holland Mich  
 Durso Metal Prods Co Kildare & Schubert Sts Chicago Ill  
 Dwyer Lumber Co Portland 6 Ore  
 Dwyer Prods Corp Cincinnati City Ind  
 Dyke Bros Fort Smith Ark

**E**

Eagle Electric Mfg Co 23-10 Bridge Plaza S Long Island City 1 N Y  
 Eagle Lock Co 20 S Main St Terryville Conn  
 Eagle Pencil Co 703 E 13th St New York 9 N Y  
 Eagle Picher Co American Building Cincinnati 1 O  
 Eagle Rule Mfg Corp 510 Hunts Point Ave New York 1 N Y  
 Eagle Steel Wool Co 6201 W 65th Chicago Ill  
 Eagle Stone Wash Rome Ga  
 Earle Hardware Mfg Co Noble & Gregg Sts Reading Pa  
 East-Bird Patent Co Pleasantville N J  
 Eastern Nail Co Stone Mountain Ga  
 Eastern Ventrian Blind Co Baltimore 13 Md  
 East Ohio Sewing Machine Co Ironville O  
 East River Screen Converter Chula Vista Calif  
 Easty Washer Machine Corp Spencer & RR Aves Syracuse N Y  
 Eaton Mfg Co 740 E 140th St Cleveland 10 O  
 Eaton Metal Products Corp Omaha 2 Neb  
 Eatonville Lumber Co Eatonville Wash  
 Eberhardt-Faber Pencil Co 37 Greenpoint Ave Brooklyn 22 N Y  
 Eclipse Lumber Co Everett Wash  
 Econ-O-Tol Stoner Div Cotta Transmission Co Rockford Ill  
 Econmaster Prods Co Inc Nashville Tenn  
 Economies Lumbering Inc Guardian Bldg St Paul Minn  
 Economy Bias Binding Co 41 E 11th St New York 17 N Y  
 Economy Fuse & Mfg Co Greenacre Ave at Diversy Pkwy Chicago 14 Ill  
 Economy Housing Co Wahoo Neb  
 Economy Mfg Co Stone Mountain Ga  
 Economy Mfg Co 11 Harvey Philadelphia Pa  
 Economy Novelty & Printing Co 227 W 39th St New York 18 N Y  
 Economy Pumps Inc Div Hamilton-Thomas Corp Weller & Zimmerman Aves Hamilton O  
 Economy Sales Co 217 N 7th St Frederick Md  
 Eddy Stoker Corp 4713-19 W North Ave Chicago Ill  
 Eddy Valve Co Box 363 Waterford N Y  
 Edens-Burb Lumber Co Corrigan Tex  
 Edgerton Mfg Co Plymouth Ind  
 Edwards Co Inc Post Hill Bld Norwalk Conn  
 Edwards Mfg Co Fifth & Butler Sts Cincinnati 2 O  
 Edwards (Vincent) & Co 1409 Madison Ave New York 17 N Y  
 Edwards Window Corp Holland Mich  
 E G Building Fasteners Corp 101 Park Av Rm 1133 New York 17 N Y  
 Eary Register Co Dayton 2 O  
 Ebert Magnesia Mfg Co Crawford & County Line Rd Valley Forge Pa  
 Eimer Corp 654 S Fourth West St Salt Lake City 8 Utah  
 Ekco Prods Co 1947 N Cleveo Chicago 39 Ill  
 Ekstrom Carlson & Co 1409 Madison Ave Rockford Ill  
 Elastie Stop Nut Corp of America 2330 Vanzandt Bld Union N J  
 Elan's Tip Co 270 Atlantic Ave Boston Mass  
 Elex Tool & Screw Corp 1902 Broadway Rockford Ill  
 Eldon Mfg Co 1010 E 62nd St Los Angeles Calif  
 Electric Protection Co Inc Home Savings Bank Bldg Albany 7 N Y  
 Electrical Engineers Dept Co Woodmanse Division St Melbourne Park Ill  
 Electric Fly Screen Co Inc Lindenhurst Long Island N Y  
 Electric Furnace-Man Inc Emmaus Pa

Electric Soldering Iron Co Inc 1749 W Elm St Deep River Conn  
 Electric Spray Co 1415 Illinois Ave Sheboygan Wis  
 Electric Steam Radiator Corp Paris Ky  
 Electric Wheel Co Quincy Ill  
 Electric Fence Co Waterbury Wis  
 Electro-Lift Inc 32 Church St New York 7 N Y  
 Electro-Steel Co 43 E 12th St Rochester 3 N Y  
 Elgin-Butler Brick Co Austin Tex  
 Elgin Softener Corp 1412 N Grove Ave Elgin Ill  
 Elgin-Standard Brick Mfg Co Elgin Tex  
 Elgin Stone & Oven Div Acme Visible Records Inc 122 S Michigan Ave Chicago 3 Ill  
 Elitide Co 130 Street Cambridge 42 Mass  
 Ellison Tool Co 2137 E 56th St Minneapolis 17 Minn  
 Elizabeth Iron Works Inc 506 Green Lane Elizabeth N J  
 Elmer Co Railroad Ave Ford City Pa  
 Elkay Mfg Co 1874 S 84th Ave Chicago 50 Ill  
 Elkhart Brass Mfg Co 1306 W Beardsley Ave Elkhart Ind  
 Elk River Coal & Lumber Co Swandale W Va  
 Ellingers Sheboygan Wis  
 Elliott Addressing Machine Co 143 Albany St Cambridge 39 Mass  
 Elliott Bay Mill Co 600 W Spokane St Seattle 4 Wash  
 Elliott Hardware Co 100 Pine St Potsdam N Y  
 Elliott Paint & Varnish Co 4523 W Fifth Ave Chicago 24 Ill  
 Ellwood Co 5530 W Harrison Chicago 61 Ill  
 El Paso Electric Co El Paso Tex  
 Elrod (J J) Lumber Co Charlotte N C  
 Elroy Naval Stores Co Vidalia Ga  
 Elwell-Parmer Electric Co 4000 St Clair Ave Cleveland 3 O  
 Emerson Electric Mfg Co 8100 Fluorissant Ave St Louis 21 Mo  
 Empire Brush Wks Inc Williams & School Sts Port Chester N Y  
 Empire Level Mfg Co Box 97 Milwaukee 13 Wis  
 Empire Roofing & Insulation Co Tulsa Okla  
 Empire Stone Co Belleville Ill  
 Empire Elevator Co 1001 E Philadelphia 6 Pa  
 Enamel Prods Co 300 Edgewood Rd Cleveland 8 O  
 Endeavor Lumber Co Endeavor Pa  
 Engle & Crawford Co First Street N Minneapolis Minn  
 Englehart (Frank) & Sons Springfield Mass  
 Engineered Prods Co 129 Smith Flint 4 Mich  
 Engineered Pipe Prod Co Box 1325 Tacoma Wash  
 Englewood Dowel Co 6317 S Yale Chicago Ill  
 Engle & Worth Lumber Co McMinville Ore  
 Engle (J J) Lumber Co First Street N Minneapolis Minn  
 Enterprise Paint Mfg Co 2841 S Ashland Chicago Ill  
 Engstrom & Russell Co 80 Eighth Ave New York 13 N Y  
 Equipment Engineering Co Chicago Ill  
 Equipto Div Aurora Ekt Co John & Prairie Sts Aurora Ill  
 Eren Mfg Co 2368 Elston Ave Chicago 14 Ill  
 Erickson (E J) Co Inc 1440 Walnut St Des Moines Ia  
 Erickson Power Lift Trucks Inc 1409 Marshall St NE Minneapolis 13 Minn  
 Eric Art Metal Co Inc 100 School Ave Erie Pa  
 Erie Cabinet Co E Biddle & Railroad West Chester Pa  
 Essex Chain Wks 311 E 22nd St New York 10 N Y  
 Essential Prods Corp 1127 Madison St Little Chute Wis  
 Essex Rubber Co Beakes St Trenton N J  
 Essex Wire Corp Parantite Wire & Cable Div Fort Wayne Ind  
 Estick Mfg Co 1950 S Santa Fe Ave Los Angeles 21 Calif  
 Estor Lumber Co Div Noma Electric Co Hamilton O  
 Estes (E B) & Sons Inc 230 W 10th New York 1 N Y  
 Estey Wire Wks Co 36 Cliff St New York 7 N Y  
 Estor Lumber Co Rockford Ill  
 Ethyl Corp 405 Lexington Ave New York 17 N Y  
 Eugene Pipewood Co Eugene Ore  
 Eureka Lumber Co Washington N C  
 Eureka Plywood Co Eureka Calif  
 Eureka Prods Corp O'Fallon Ill  
 Evans Brick Co Erie Pa  
 Evans Hardware Finishing Co 3900 Shonto St Louis Mo  
 Evans Pipe Co 23 Newport Ave Urichville O  
 Evans Prods Co Plymouth Mich  
 Evans Sewing Machine Co Bensenville Ind  
 Evans & Howard Sewer Pipe Co 5200 Manchester Ave St Louis Mo  
 Everette Corp 424 W 42nd St New York 1 N Y  
 Eveready Briksam Co 1509 S Michigan Bldg Chicago 5 Ill  
 Eveready Co Frederick Md  
 Everett Hardware Lumber Co Everett Pa  
 Everett Shingle & Shake Co Everett Wash  
 Everett State Co Inc Graniteville N Y  
 Everhart Bros Co 3421 Wesson Ave Detroit Mich  
 Everhart Mfg Co Fithroth & St Charles Maywood Ill  
 Everitt Pump & Mfg Co Inc 617 N Prince St Lancaster Pa  
 Everitt Sewing Sales Co S & Long Bldg Kansas City 6 Mo  
 Everett Inc 415 Lexington Ave New York 17 N Y  
 Everitt (W H) Mfg Co 3707 S Robertson Blvd Culver City Calif

**F**

Faber-Castell (A W) Pencil Co 41 Dickerson St Newark 4 N J  
 Fabricated Products Inc 701 Washington Rd Pittsburgh Pa  
 Fabry (W H) Mfg Co Date & Orange Sts Alhambra Calif  
 Factory Built Homes Inc McDonough N Y  
 Fabricins Co 298 Lexington Ave New York 3 N Y  
 Fabricants Morse & Co 600 S Michigan Ave Chicago 5 Ill  
 Fair (D L) Lumber Co Louisville Miss  
 Fairchild Brick Co Zearville O  
 Fairmount Wall Plaster Co Fairmont W Va  
 Fairmount Tool & Forging Inc 10611 Quincy Ave Cleveland 8 O  
 Falls Concrete 3027 W Canal St Milwaukee 8 Wis  
 Famous Mfg Co 4700 Railroad Ave East Chicago Ill

Fanner Mfg Co Brookside Park Cleveland 1 O  
 Farley Mfg Co 1050 E Grand Ave Decatur Ill  
 Farley & Loetscher Mfg Co Dubuque Ia  
 Farmers Lumber & Supply Co Sioux City 11 Ia  
 Farm Journal Washington Square Philadelphia 5 Pa  
 Farquhar (A B) Co 21 Duke St York Pa  
 Farrell Lumber Co Poland N Y  
 Farris (M B) Lumber Co Station & Winton Aves Cincinnati O  
 Farris Lumber Co Morton Minn  
 Farsell Osmun Kirk & Co 108 Fairfield Ave W St Paul Minn  
 Far West Shingle Co Arlington Wash  
 Fasco Industries Inc 255 N Union at Augusta Rochester 2 N Y  
 Fawcett Corp 860 Fletcher St Chicago 14 Ill  
 Faultless Gutter Corp 1947 Clarence St Evansville 7 Ind  
 Fay Floor Machine Co 275 Fifth Ave New York 17 N Y  
 Fay (J A) & Egan Co Eastern Ave & Hazen St Cincinnati 22 O  
 Federal Electric Products Co 40 Faris St Newark 5 N J  
 Federal Enterprises Inc 8700 S State Chicago Ill  
 Federal Motor Truck Co 5780 Federal St Detroit Mich  
 Federal Seal Corp 36-22 38th St Long Island City 1 N Y  
 Felton Sibley & Co Inc 146 N Fourth St Philadelphia Pa  
 Felts & Yarrant Mfg Co 1730 North Paulina Chicago Ill  
 Fines Co of America 608 S Dearborn St Chicago 2 Ill  
 Finestra Building Products 2250 E Grand Blvd Detroit 11 Mich  
 Finlay Steel Works Inc 2801 Market St Seattle Wash  
 Ferguson (Harry J) Co 141 West Ave Jenkintown Pa  
 Ferguson (W T) Lumber Co St Louis 1 Mo  
 Fetal Mfg Mfg Co 9501 State Ave Franklin Park Ill  
 Fetherstone & Co 2500 State Ave Hammond Ind  
 Filer & Stowell Co 147 E Beecher Hill Milwaukee 7 Wis  
 Finch & McCullough Aurora Ill  
 Finishing Line Association of Ohio Home Bank Bldg Toledo O  
 Fink (John E) Lumber Co Cable Wis  
 Fink Federal System Inc 17 E Elkhart Ind  
 Fire Door Institute 1205 West Bldg Tacoma 2 Wash  
 Firecraft Corp 3110 W 51st St Chicago Ill  
 Firebrick Sales & Furnace Lining Co 1890 N Kingsbury Chicago Ill  
 Firestone Industrial Products Co 1200 Firestone Pkwy Akron 17 O  
 Firestone Plastics Co Pittstown Pa  
 Firestone Tire & Rubber Co 1200 Firestone Pkwy Akron 17 O  
 Fir Mfg Co Myrtle Creek Ore  
 Fir-Tex Insulating Board Co U S National Bank Bldg Portland Ore  
 Fischer Bracket Co Hyde Park 36 Mass  
 Fischer & Hayes Rope & Steel Co 4018 W Lake Chicago Ill  
 Fischer Lumber Co Marcella Ore  
 Fisher Bros Lumber Co Tuscaloosa Ala  
 Fisher Leather Belting Co Inc Third & Wood Sts Philadelphia Pa  
 Fisher & Young Titusville Pa  
 Fisher (J W) Iron Work 80 Park Pl New York 7 N Y  
 Fisher Tire Div S Rubber Co 1230 Ave of the Americas New York 20 N Y  
 Fisher (Edwin H) Co 5633 Tacony St Philadelphia 24 Pa  
 Fitzgibbons Boiler Co Inc 101 Park Ave New York 17 N Y  
 Fivale Equipment Mfg Co 103 Beale St New York 7 N Y  
 Fivale Lumber Co 110 Pearl St Buffalo 2 W Y  
 Fivels Wheel Corp 4243 Duncan Ave St Louis 10 Mo  
 Fleishman Lumber Co Portland Ore  
 Fleming Mfg Co 4985 Franklin Ave Louis 9 Mo  
 Fleming & Sons Inc 1120 E 12th St Dallas 7 Tex  
 Fletcher (E H) Co West Chelmsford 2 Mass  
 Fletcher-Terry Co 437 South St Forestville Conn  
 Flex-Arm Mfg Co Passaic N J  
 Flexible Steel Lacing Co 4640 Lexington Chicago 44 Ill  
 Flexions Co Inc 1932 E Monument Ave Dayton 1 O  
 Flex-O-Glass Mfg Co 1184 S Cicero Ave Chicago 51 Ill  
 Flex-O-Lite Co St Charles Ill  
 Flex Corp Filbert & Culbert Sts Philadelphia 4 Pa  
 Flint (A W) Co 198 Champeo St New York 17 N Y  
 Flintlake Co 30 Rockefeller Plaza New York 17 N Y  
 Flint Venturian Bldg Mfg Co Flint 3 Mich  
 Flint & Walling Mfg Co Henry V Park Bldg Kendallville Ind  
 Florence Store Co Gardner Mass  
 Florida Georgia Brick & Tile Co Jacksonville Fla  
 Florida Metalcrafters 2719 Fairfield Ave S St Petersburg Fla  
 Florida Portland Cement Co Div General Portland Cement Co Tampa Fla  
 Flour City Ornamental Iron Co 2637 27th Ave Minneapolis O Minn  
 Fluor Bros Anchor Post Products Inc 6500 Eastern Ave Baltimore 24 Md  
 Fluorescent Fabricators Div Easy-Eye Lighting Inc 1825 Chouteau Ave St Louis Mo  
 Flush Wall Radio Co 51 Clinton St Newark 3 N J  
 Fluz (Walsall) Mfg Co 700 Godfrey Ave Philadelphia 24 Pa  
 Fogel Refrigerator Co 5400 Eadom St Philadelphia Pa  
 Fogarty Staircase Co 512 Seaward St Portsmouth Va  
 Foley Lumber Industries Jacksonville Fla  
 Foley Mfg Co 3300 N E Fifth St Minneapolis 18 Minn  
 Follansbee Steel Corp Third & Liberty Sts Pittsburgh 30 Pa  
 Foltet Time Recording Co 219 High St Newark N J  
 Food Co Christian Food Div Dallas Tex  
 Foote (H B) Lr Co Alexandria La  
 Foote (J B) Foundry Co Fredericktown O  
 Food Store Corp Garrison St Box 229 Cannonburg Pa  
 Ford Chain Block Div American Chain & Cable Co Inc York Pa  
 Ford Cement Block Machine Co Cedar Falls Ia  
 Ford (Ivan E) Inc McDonough N Y  
 Ford Metal Moulding Corp 2701 Bridge Plaza N Long Island City N Y  
 Ford Motors Co Dearborn Mich  
 Ford Roofing Products Co 188 W Randolph St Chicago 2 Ill  
 Ford-Crommet Lumber Co Fordyce Ark  
 Ford City Bit & Tool Co 200 Kishwaukee Rockford Ill

Forest City Foundries Co 2500 W 27th St Cleveland 8  
 Forest Fiber Products Co Forest Grove Ore  
 Forks Shingle Co Seattle Wash  
 Forman-Pond & Co 111 E Second St Minneapolis Minn  
 Forman Co 4619 Irving Ave Cleveland 12 9  
 Form Stone Co 500 S Franklin Blvd Baltimore 23 Md  
 Forney Mfg Co Newaver Ave Bridgeport 1 Conn  
 Forty-Eight Insulations Inc Aurora Ill  
 Foster Carrier Div Eastman Forge & Axle Co Montgomery Ala  
 Foster Lumber Co Montgomery Ala  
 Foster Mills Inc Williamsport Pa  
 Fourco Glass Co Union National Bank Bldg Claraburg W Va  
 Four Wheel Drive Auto Co E 12th & Astor St Clintonsville Wis  
 Fowler Shingle Co Sultan Wash  
 Fox (Abbott) Lumber Co Iron Mountain Mich  
 Foxboro Co 80 Newport Ave Foxboro Mass  
 Fox Bros Mfg Co Ohio & Sidney Sts St Louis 4 Mo  
 Fox (Ewing M) Co 240 E 126th St New York N Y  
 Fox Furnace Co Elyria O  
 Fox Valley Forge Elgin Ill  
 Fox Paint Co Inc 1755 Mount Ave Cincinnati 12  
 Francis (Charles E) Co 50 W Frederick St Huntington Ind  
 Franklin Equipment Co Monticello Va  
 Franklin Glass Corp 3201 Stewart Butler Pa  
 Franklin Glue Co Chestnut & Water Sts Columbus 15 O  
 Franklin Research Co 5137 Lancaster Ave Philadelphia 31 Pa  
 Franklin Rubber Corp Philadelphia Pa  
 Franz Mfg Co Sterling Ill  
 Franz Brick Co 350 McPherson Fremont O  
 Frederic Co Inc St Louis Mo  
 Frederick Brick Works Frederick Md  
 Freedland Sons Co Chicago Mich  
 Freeman Stoker Div Illinois Iron & Bolt Co 916 S Michigan Ave Chicago 5 Ill  
 Fremont Rubber Co 350 McPherson Fremont O  
 French & Hecht Div Kelsey-Hayes Wheel Co 50 Farnam Stavenport Ia  
 Frick Co 230 Broadway Wapahogen Pa  
 Frick (J B) Co 49 N Front St Philadelphia 6 Pa  
 Frick-Gallagher Mfg Co S Broad & Manning Philadelphia 2 Pa  
 Friden Calculating Machine Co Inc 2350 Washington St Leandro Calif  
 Friedrich (Ed) Inc 1115 E Commerce San Antonio Tex  
 Fries & Son Steel Construction & Engineering Co Cotington Ky  
 Frigidaire Div (General Motors Corp) 300 Taylor St Dayton O  
 Frink Corp 27-01 Bridge Plaza N Long Island City 1 N Y  
 Fritz Mfg Co 3522 N Clark Chicago Ill  
 Frostburg Furniture Mfg Co Inc Frostburg Pa  
 Frost Hardwood Floors Inc Shreveport La  
 Frost Lumber Industries Inc Box 1125 Shreveport 1 La  
 Frost-Sibley Lumber Co Alberta Ala  
 Frothingham Trailer Co 10841 Harper Ave Detroit 12 Mich  
 Fruit Growers Supply Co Tusconville Calif  
 Fry Fulton Lumber Co 132 Carroll St St Louis 4 Mo  
 Fuller Displays Inc 5-39 48th Ave Long Island City N Y  
 Fuller (H B) Co 253 Eagle St St Paul 2 Minn  
 Fuller & Johnson Mfg Co Madison Wis  
 Fuller (W P) & Co Inc Mission & Beale Sts San Francisco Calif  
 Fulton Bag & Cotton Mills 170 Boulevard Elias Atlanta 3 Ga  
 Fulton Band Mill Memphis Tenn  
 Fulton Glass Co Hartford City Ind  
 Fulton Tool Works Inc Huntington W Va  
 Fuse-Dash Mfg Co Oakland Calif  
 Fry-Fryer Co 1902 Fry-Fryer Bldg Dayton O

General Electric Co Air Conditioning Dept 5 Lawrence St Bristol 8 N J  
 General Electric Co Apparatus Dept 1 River Rd Schenectady 5 N Y  
 General Electric Co Appliances & Merchandise Dept Barton General Electric Co  
 General Electric Co Chemical Dept Pittsburgh Mass  
 General Electric Co Construction Materials Dept 1285 Boston Ave Bridgeport 2 Conn  
 General Electric Co Electronics Dept Electronics Park Syracuse N Y  
 General Electric Co Lamp Dept Wala Park Cleveland 12 O  
 General Engineering & Mfg Co 4417 Cleithra Ave St Louis 18 Mo  
 General Engines Co Inc Gloucester City N J  
 General Fireproofing Co 412 Denwick-Ave Youngstown 1 O  
 General Fittings Co 125 Georgia Ave Providence 8 E I  
 General Floorcraft Inc 333 Avenue of the Americas New York 14 N Y  
 General Hardware Corp 3618 W Pierce St Milwaukee Wis  
 General Hardware Mfg Co 117 Duane St New York N Y  
 General Housing Co Dallas Tex  
 General Industries Inc 300 S Wayne Ft Wayne 8 Ind  
 General Machine Co Inc 40th & Furnace Emswam Pa  
 General Metalware Co 1401 Central Ave Minneapolis Minn  
 General Paint Corp Army at Potrero San Francisco 19 Calif  
 General Panel Corp 1101 W Victory Blvd Burbank Calif  
 General Plywood Corp 334 E Broadway Louisville Ky  
 General Porcelain Enameling & Mfg Co 2700 N Karlov Ave Chicago Ill  
 General Refrigerators Co 1518 Locust St Philadelphia 3 Pa  
 General Refrigerator Corp 678 Broadway New York 12 N Y  
 General Shale Prods Corp Johnson City Tenn  
 General Switch Corp Hoebing St & N 9th St Brooklyn 11 N Y  
 General Tire & Rubber Co 1708 E Market St Akron 9 O  
 General Utilities Corp 1520 N Broad St Philadelphia Pa  
 General Water Heater Corp Burbank Calif  
 General Woodcraft Co Inc North Bergen N J  
 General Wood Works Council Bluffs Ia  
 General Modern Kitchens Inc Geneva Ill  
 Genett Lumber Co Asheville N C  
 George (F C) Machine Co 100 S Westmoreland Dr Chicago 12 Ill  
 George Glove Co 120 E 25th St New York 10 N Y  
 Georgia Pacific Plywood & Lumber Co 1257 Southern Finance Bldg Augusta Ga  
 Gerber (C) Corp 10 S Superior St Toledo 4 O  
 Gerlinger Carrier Co Dallas Ore  
 German Seed & Plant Co 147 Terminal Los Angeles Calif  
 German Seed Corp Maryland & Oliver Sts Baltimore 5 Md  
 Gerrard (A J) & Co 1902 Hawthorne Pl Melrose Park Ill  
 Gerrard Seed Strapping Co 2939 W 47th St Chicago 32 Ill  
 Gessner (Louis) Machine Co 2106 12th St Rockford N Y  
 Getty (H S) & Co Inc 3348 N 10th St Philadelphia 40 Pa  
 Getz Paenche & Frey Co 1439 W 8th Paul Ave Milwaukee Wis  
 G F Mfg Co Extra Ia  
 Giant Grip Mfg Co 45 Oceola St Oshkosh Wis  
 Gibson (C) Corp of America 615 N Aberdeen St Chicago 22 Ill  
 Gibson-Lime Prods Co Gibsonburg O  
 Gibson Lumber Co 2707 Western Ed Cleveland O  
 Gibson Refrigerator Co Greenville Mich  
 Giesher Inc 418 81st St N W Washington 1 D C  
 Gilchrist Co 23 Hill St Hudson N Y  
 Gilbert (A C) Co New Haven Conn  
 Gilbert & Barker Mfg Co West Springfield Mass  
 Gilchrist & Bennett Mfg Co 600 Miller Ave Georgetown Tenn  
 Gilliland Bros Inc Venice Blvd at Berendo Los Angeles Calif  
 Gillin Shingle Co Kernville Ore  
 Gillen (J L) Co Dowagiac Mich  
 Gillespie Varnish Co Bay & Howell Sts Jersey City 6 N J  
 Gilman Bros Corp 108 Main St Gilman Conn  
 Gilman Bros Co Box 318 Fredonia Wis  
 Gits Molding Corp 4600 W Huron Chicago Ill  
 Glintina Bros Lumber Co Eugene Ore  
 Glass Mfg Co 3855 Santa Fe Los Angeles 50 Calif  
 Gladding (B F) & Co Inc South Otisville N Y  
 Gladding McBean & Co 1275 Harrison St San Francisco Calif  
 Glasco Steel & Mfg Co Greenboro N C  
 Glascoer Co 823 Penn Ave Pittsburgh 22 Pa  
 Glass Sheet Inscr Co 3408 W Madison St Chicago Ill  
 Glassware Mfg Co Salem Ore  
 Glastic Corp North Kansas City 16 Mo  
 Glaxo-Trol Mfg Co 611 W Adams Chicago 6 Ill  
 Glen-Gery Corp Co Gladding Pa  
 Greenwood Range Co Taunton Mass  
 Glidden Co Berea Bld & Madison Sts Cleveland 3 O  
 Globe American Glass Co Inc Kokomo Ind  
 Globe Lighting Prods Inc 397 7th Ave Brooklyn N Y  
 Globe Mills Inc 4860 S Halsted Chicago Ill  
 Globe Paint Works Inc 5300 S Market St Williamsport 5 Pa  
 Globe Roofing Prods Co 2207 Schrage Ave Whiting Ind  
 Globe-Silos (Canada) N C  
 Glover Mfg & Sales Co 2493 Manchester Rd Akron O  
 Glyn-Johnson Corp 4420 N Ravenswood Chicago Ill  
 GMC Truck & Coach Div General Motors Corp Pontiac Mich  
 GM Laboratories Inc 4312 N Knox Chicago 41 Ill  
 Godfrey Conveyor Co 1201 Wolf St Elkhart Ind  
 Goldblatt Tool Co 1910 Walnut St Kansas City 8 Mo  
 Gold Metal Fittings Div 1500 W Madison Chicago Ill  
 Gold Seal Mfg Co 1228 W Kinzie Chicago Ill  
 Gold Seal Roofing Co Chicago Heights Ill  
 Goldsmith Metal Lath Co Chickering & D O E B Cincinnati O  
 Goodrich Bros Lumber Co Yano City Minn  
 Goodall Rubber Co Inc 4835 Whitehead Rd Trenton N J  
 Gooden Metal Prods Co 2252 S Fifth St Detroit Mich  
 Goodman Lumber Co Goodman Wis  
 Goodrich (R F) Co 500 S Main St Akron 18 O  
 Goodrich (R F) Co 2252 S Fifth St Madison Chicago Ill  
 Goodrich (W B) Inc Epping N C  
 Goodwin Johnson Ltd Vancouver B C Canada  
 Goodyear Tire & Rubber Co 1144 E Market St Akron O  
 Goodwin (George C) Chemical Co Kansas City Mo  
 Gordon (Mose) Lumber Co Commerce Ga  
 Gordon-Bugg Co 275 Bowman St Mansfield O

Goshen Churn & Ladder Inc 1836 Estes Blvd Goshen 4 Ind  
 Goshen Mfg Co 10th & Reynolds Sts Goshen Ind  
 Goshen Sash & Door Co Goshen Ind  
 Goshen (P B) Co 1807 Calumet Rd Cleveland 18 O  
 Gouger (C L) Co Lock Div 1440 E Lake St Kent O  
 Gould-Mercuran Co Inc 35 W 44th St New York N Y  
 Goulds Pump Co Inc 75 Fall St Seneca Falls N Y  
 Groat Mfg Co San Francisco Calif  
 Graham (James) Mfg Co Newark Calif  
 Graham (John H) & Co Inc 105 Duane St New York 7 N Y  
 Graham Lumber Co 53 W Jackson Blvd Chicago 4 Ill  
 Graham Lumber Co Preston Ga  
 Graham (Thomas) & Co Inc Madison Ind  
 Gram Mfg Co Vancouver Wash  
 Grammes (L F) & Sons Inc 380 Union St Allentown Pa  
 Grand Haven Stamped Prods Co Grand Haven Mich  
 Grand Rapids Brass Co Scribner Ave at Wank St Grand Rapids Mich  
 Grand Rapids Barrel Works 709 W Burton St Grand Rapids Mich  
 Grand Rapids Hardware Co 560 Eleventh St N W Grand Rapids 2 Mich  
 Grand Rapids Plaster Co Grand Rapids Mich  
 Grand Rapids Store Bldg Co 1540 Monroe St N W Grand Rapids Mich  
 Grand Rapids Vapor Kiln Inc Grand Rapids Mich  
 Grand Rapids Varnish Corp 1350 State Ave SW Grand Rapids 2 Mich  
 Grand Rapids Wire Prods Co 501 Front Ave Grand Rapids 2 Mich  
 Grand Specialties Co 3118 W Grand Ave Chicago 23 Ill  
 Grandy Lake Shingle Co Concrete Wash  
 Grandy Shroetter Corp 419 1/2 Broadway New York N Y  
 Grand Palley & Hardware Co 33-38 57th St Woodside N Y  
 Grasselli Chemical Dept E I DuPont de Nemours & Co Wilmington 9 Del  
 Grato & Knobel Co 342 Franklin St Worcester 4 Mass  
 Gravel Motor Plow & Cultivator Co Dunbar W Va  
 Graxtal (C R) & Sons Bean Mountain Tenn  
 Gray (C L) Lumber Co Meriden Mich  
 Gray & Dudley Co 2300 Clifton Rd Nashville Tenn  
 Gray Lumber & Shingle Co Box 872 Seattle Wash  
 Gray (Robert) Shingle Co Hotchkiss Wash  
 Grayson Lumber Co Birmingham Ala  
 Graystone Concrete Prods Co 134 Nickerson St Seattle 9 Wash  
 Gray (William B) & Co 1210 Canadian Pacific Bldg New York 17 N Y  
 Great Falls Brick Co Great Falls Mont  
 Great Lakes Carbon Corp 18 E 48th St New York 17 N Y  
 Great Lakes Steel Corp 3750 Pennington Bldg Detroit 26 Mich  
 Great Lakes Steel Corp Stran-Steel Div Pennington Bldg Detroit 26 Mich  
 Great LAF Fire Brick Co 1108 E Breckenridge St Merion Mo  
 Grecco Bros Lumber Co Elizabethtown N C  
 Grecco Lumber Co Greene N Y  
 Greenfield Tap & Die Corp Greenfield Mass  
 Green (Harry A) & Son 1620 N Canal Chicago Ill  
 Greenlee Bros & Co 1705 Mason Ave Rockford Ill  
 Greenlee Tool Co 2106 12th St Rockford Wash  
 Green Lumber Co Inc Magnolia St Laurel Miss  
 Green Mfg Co Ogdensburg N Y  
 Green Mountain Glass Co Randolph Vt  
 Greenstate Mfg Co Rich Hill Mo  
 Green Lumber Co Grand Rapids Mich  
 Greig & Son 25 Crown St Kansas N II  
 Greif Iron Casting Co May Jay Pa  
 Griffin (J B) & Sons Newton Minn  
 Griffin Mfg Co 1415 Cherry St Erie Pa  
 Griffith Lumber Co Huntington West Va  
 Griffith Tool Works Philadelphia 6 Pa  
 Grill-Craft Co 120 W 81st St St Paul 2 Minn  
 Grill-Co Co Inc 240 W Exchange St Providence 1 B I  
 Grinnell Lumber Co Portland 4 Ore  
 Grote Mfg Co Lafayette & Grandview Sts Bellevue Ky  
 Guaranteed Prods Inc Wellington O  
 Guardian Electric Mfg Co 1621 W Walnut St Chicago 12 Ill  
 Guard-Rite Mfg Co 1501 S Ladin Chicago 22 Ill  
 Guindard Brick Works Columbia S C  
 Gulf Lumber Co Mobile Ala  
 Gulf Oil Corp 3802 Golf Bldg Pittsburgh Pa  
 Gulf Croasting Co White Ridge Gulfport Miss  
 Gulf States Croasting Co Hattiesburg Miss  
 Gulf States Gypsum Co Houston Tex  
 Gumpelite Laboratories 931 S Oden Chicago 16 Ill  
 Gun Turpentine Farmers' Cooperative Association Vidalia Ga  
 Gunite Construction Corp 424 Lexington Ave New York 17 N Y  
 Gunstone Homes Corp U S Steel Corp Sub New Albany Ind  
 Garden Lumber Co Garden Ark  
 Gurd (Edwin F) Co 2615 Washington Ave St Louis 3 Mo  
 G-W Mfg Co Orchard & Waller Mansfield O  
 Gypsum Association 330 S Wells St Chicago Ill

Hamilton Carter & Mfg Co 1600 Dixie Hwy Hamilton O  
Hamilton Mfg Co 1935 Brans St Two River Wis  
Hamilton Metal Prods Co Hamilton O  
Hamilton Rubber Mfg Corp Mead & Lever St Trenton N J  
Hammermill Shingle Co Monroe Wash  
Hammond Cedar Co Ltd Hammond O C Can  
Hammond Lumber Co 417 Montgomery St San Francisco Calif  
Hammond Paint & Chemical Co 3312 Railroad Ave  
Evanston I  
Hampton Mfg Co Inc Plainfield N J  
Hanchett Mfg Co 1950 State St Big Rapids Mich  
Hancock Brick & Tile Co Flint Mich  
Hancock Iron Works Pontiac Mich  
Hancock Lumber Co Quinlan Ga  
Hancock (H S) Inc Casco Me  
Hancock Co 248 N Gridley St Bloomington Ill  
Handyman Co Minneapolis 3 Minn  
Handy Mfg Co 2452 W Lawrence Chicago 25 Ill  
Handy Things Mfg Co Lansing Mich  
Hanley Co Bradford Pa  
Hanlon & Goodman Co Belleville N J  
Hanover Wire Cloth Div Continental-United Industries Co  
Inc 1945 Continental St Hanover Pa  
Hanes (A L) Mfg Co 5037 S Evanswood Ave Chicago  
40 Ill  
Hansen Machinery & Supply Co 820 Broadway Eureka  
Calif  
Hanson Scale Co 527 N Adams Chicago 22 Ill  
Hanson (Ed) 120 E 42nd St New York 17 N Y  
Hartill Mfg Co 325 W Ohio Chicago 10 Ill  
Harrison-Walker Refractories Co Farmers Bank Bldg  
22 Pittsburgh 22  
Hartshorn Corp Neosham Wash  
Harcourt Co Oak Park Ill  
Hards Plumb Co Olympia Wash  
Harder Bldg Co Inc Toledo N Y  
Hardings Co 205 W Wacker Chicago Ill  
Harding Glass Co Fort Smith Ark  
Hardman Mfg Co Casco Me Wash  
Hardware Prods Co Duane N Y  
Hardware Prods Inc Reading Pa  
Hardware Store Co Cleveland Tenn  
Hardwood Corp of America Asheville N C  
Harpco Co Fourth at New York Two Moines Ia  
Hartke Prods Corp 25 Park St New Haven Conn  
Harris Oil Co Allison Ia  
Hartshorn Corp 4400 W National Ave Milwaukee 14  
Wis  
Hart-High Bed Spring Co 1313 S 55th Ct Cicero Ill  
Harris Inc 145 N High St Columbus O  
Harris Mfg Co Greenwood at Walnut St Johnson City Tenn  
Harrison Paint & Varnish Co 1259 Harrison Ave Canton  
1 O  
Harrison Steel Cabinet Co 4718 W Fifth Ave Chicago  
43 Ill  
Harris Freble Ply Doors Inc 4608 W 20th Circle 50 Ill  
Harris Prods Co Inc Miami Beach Fla  
Harpco Chemical Co 125 Hickok St Jersey City 2 N J  
Hart & Cooler Mfg Co 500 E 8th St Holland Mich  
Hartford Clamp Co East Hartford Conn  
Hart Mfg Co 2006 N Western Pkwy Louisville 3 Ky  
Hart Molineux Gauge Inc 124 Liberty St New York 6  
N Y  
Hart Oil Burner Div Avery Farm Macky Co Peoria Ill  
Hart Sash Builder Co Lexington Mo  
Hartshorn (Stewart) Co 250 Fifth Ave New York N Y  
Hart-Thompson Lumber Co Barboursville Ky  
Hartwell Brothers Memphis Tenn  
Hartwell Fan & Ventilating Co Inc Memphis 2 Tenn  
Hartwell Propeller Fan Co Div Castle Hills Corp 1964  
Shoyer Ave Plana O  
Harvard Lock Co Reading Pa  
Harvey Machine Co Inc 19200 W Western Ave Torrance  
Calif  
Harvey Mfg Co LaMesa Calif  
Harvey Mfg Co Racine Wis  
Harvey-Whipple Inc 55 Emery St Springfield Mass  
Haskell Mfg Corp 701 Ass St W Grand Rapids 2  
Mich  
Haskell (William H) Mfg Co 20 Commerce St Paw-  
tucket R I  
Hassam Lumber Co Haslam Tex  
Hasslet Chute & Conveyor Co 717 Brower Ave Oahn 1 Pa  
Hassell (John) Inc Clay & Oakland St Brooklyn 22 N Y  
Hastings Canvas & Mfg Co Hastings Neb  
Hastings Equity Grain Bin Mfg Co E Hastings Neb  
Hathaway & Co Jersey City 3 N J  
Hattisburg Brick Works Hattisburg Mich  
Hauck Mfg Co 128 Tenth St Brooklyn 15 N Y  
Hauserman (E F) Co 6950 Grand Ave Cleveland 5 O  
Haven Bush Co 501 Front Ave Grand Rapids 4 Mich  
Hawkeye Portland Cement Co Cedar Rapids Ia  
Hawkins Iron Co 313 Fourth St N Birmingham Ala  
Hawley Lumber Co 4007 Farm St Omaha 3 Neb  
Hazard Insulated Wire Wks Div Okonite Co 1898 Haste  
St Wilkes-Barre Pa  
Hazard Wire Cloth Div American Cable & Cable Co  
Wilkes-Barre Pa  
Hearshair Conditioning Co 3126 Scarborough Rd Cleve-  
land O  
Heath & Milligan Mfg Co Div Oldale Co 1833 S  
Normal Chicago Ill  
Heathcoat Co 661 E Brighton Ave Syracuse N Y  
Heckman Bluff Prods Co 4018 W Lake Chicago Ill  
Hedges (H M) Co 700 E Main St Chattanooga Tenn  
Hedges-Wash-Welder Co 12500 Engineering Super-  
heater Inc 208 Madison Ave New York 16 N Y  
Heider Mfg Co Carroll Ia  
Heider & Co Tacoma Ia Wash  
Hedetide Lumber Corp Elizabeth N J  
Heil Co 3000 W Montana St Milwaukee 1 Wis  
Heiler-Allen Co Napoleon O  
Heiler Bros W 850 Mt Prospect Ave Newark 4 N J  
Heiler (W C) & Co 1050 Bryant St Montpelier O  
Heltal Steel Form & Iron Co Warren O  
Hemphill (A D) Co 138 S Front St Lake City Minn  
Henderson Furnace & Mfg Co Sebastopol Calif  
Henderson-Molpus Co Philadelphia Miss  
Hensel-Clams Co 223 Prospect Pl Fremont O

Henniker Machine Co Henniker N H  
Henry Furnace Co Medina O  
Hercules (C B) Mfg Co 239 W Mineral Milwaukee Wis  
Hercules Metal Tile Corp Providence R I  
Hercules Powder Co Inc 917 Market St Wilmington 96  
Del  
Hercules Steel Products Corp Galien O  
Hermance Machine Co Campbell & Monk Sts Williams-  
port 19 Pa  
Hermatage Portland Cement Co Nashville Tenn  
Herring-Hall Marvin Safe Co Hamilton O  
Herron-Zimmers Moulding Co 3920 E Outer Dr Detroit  
Mich  
Herzberg Machine & Foundry Co 1940 Miller St Mas-  
sachusetts  
Hess Warming & Ventilating Co 1855 S 54th Ave Chicago  
Ill  
Heston & Anderson Div St Paul Foundry & Mfg Co  
620 Kirtwood Ave Fairfield Ia  
Hestwood (Charles) Kansas City Mo  
Hewitt (C B) & Bros Inc 18 Green St New York 13 N Y  
Hewitt Rubber Div Hewitt-Robins Inc Central & Kenning-  
ton Ave Buffalo 5 N Y  
Hewitt Corp 1950 S Kestner Chicago Ill  
Hewyer Sales Co Milwaukee Ill  
Hewyer-Waterford Co Gardner Mass  
Hicks Gate Co Fredericktown O  
Higgins Brick Co Vancouver Wash  
Higdon (Charles M) Co 271 Ninth St Brooklyn N Y  
Higdon Inc Industrial Canal New Orleans La  
Highland Corrugate Co Hickory Chicago Ill  
High Floor Machine Co 740 W Washington Chicago Ill  
Hilper Co 1209 St Germain St Cloud Minn  
Hill-Behan Lumber Co 6515 Park St Louis Mo  
Hill Diesel Engine Co Lansing Mich  
Hill (H B) & Co Ft Wayne Ind  
Hill Formic Control Systems 1282 Madison Memphis  
3 Tenn  
Hillwood Mfg Co 21708 St Clair Ave Cleveland O  
Hilzer Deutsch Co Inc Oakdale La  
Hildebrand & Dauch Paper Co 4265 Decatur St Sandusky O  
Hines (Edward) Lumber Co 77 W Washington St Chi-  
cago Ill  
Hirsch (A) Mfg Co 3119 W Lake St Chicago 12 Ill  
Hisco Veneer & Lumber Co Carutherville Mo  
Hobart Mfg Co Troy O  
Hobbs White Lead & Color Wks Inc 15th & Adams St  
Hoboken N J  
Hocking Valley Brick Co 150 E Broad St Columbus 15 O  
Hoff-Baer Co Inc 1001 St Francis St Franklin Mass  
Hodgson (E F) Son 393 Boylston St Boston 16 Mass  
Hoe (B) & Co Inc East River at 138th St New York  
14 N Y  
Hoffman Lion Mills Co Inc Fall River Mass  
Hoffman Lumber Co Columbia S C  
Hoffman Lumber Co 1001 York St Indianapolis 1 Ind  
Hohmann Hazard Inc 204 E 33rd St New York 16  
N Y  
Hohmann (P) Adjustable Scaffold Bracket Co 201 23rd St  
Paterson 4 N J  
Holcomb & Hoke Mfg Co Inc 1545 Van Buren Indianap-  
olis 7 Ind  
Holt & Martin Lumber Co Brattleboro Vt  
Holster Coil Spring Mfg Co Avalon near Florence Ave  
Los Angeles Calif  
Holzer Furnace Co Holland Mich  
Holland Ladder & Mfg Co 1930 Geerts St Holland Mich  
Holland Mfg Co Central Ave & Bank Sts Baltimore Md  
Holland Rubber Corp 1000 Broadway New York N Y  
Holly Chemical Co 122 E 25th St New York N Y  
Hollowhead (B M) Corp 844 Cooper St Camden N J  
Holliston Co Holliston Mass  
Holly Hill Cypress Co Holly Hill S C  
Holly Hill Lumber Co Holly Hill S C  
Holly Mfg Co 875 Arroyo Pkwy Pasadena 2 Calif  
Holmes (E B) Machinery Co Chicago & Falamaro  
Buffalo 4 N Y  
Holmes Eureka Lumber Co Financial Center Bldg San  
Francisco Calif  
Holmes Mfg Co 211 N Madison Ave Los Angeles 4 Calif  
Holmes Mfg Co of Ohio Akron 3 O  
Holmes Prods Co Woodstock Ill  
Holm's Mfg Co 106 N Main St Akron 8 O  
Holephane Co Inc Canadian Pacific Bldg New York N Y  
Holl Hardwood Co De Witt St Georgia Ala  
Holt Mfg Co 651 20th St Oakland 12 Calif  
Holt Industries Inc 414 DeKalb Ave Syracuse Ill  
HomaLog Logging Co Ltd Vancouver B C Canada  
Homanst Co Ferwood Rd Trenton 3 N J  
Home Comfort Mfg Co Peoria 2 Ill  
Home-Craft Electronic Prods 1508 S Kedzie Ave Chi-  
cago 23 Ill  
Home Essentials Corp 79 CME New York N Y  
Homeiter Corp 67 Riverside Ave Port Chester N Y  
Homesite Furnace Co 1000 E 11th St Paul 4 Minn  
Homer Furnace & Foundry Corp Coldwater Mich  
Homes Center 720 Washington Ave E Minneapolis Minn  
Homes of the Week Planning Serv 89 Elmgrove Ave Provi-  
dence 6 R I  
Hom-O-Granner Corp 11711 E Eight Mile Rd  
E Detroit Mich  
Homestead Mfg Co 2715 Oak St Kansas City 8 Mo  
Honeyman Mfg Co Portland Ore  
Hook Brothers 4336 Orchard St Frankford Philadelphia  
Pa  
Hook Rubber Co Div Goodrich (B F) & Co 06 Nichols  
Ave Waterford 12 Mass  
Hook & Acheron Inc 15 E 41st St New York 17 N Y  
Hooker Glass & Palat Mfg Co 659 W Washington St  
Chicago Ill  
Hooker (William E) & Sons Co 1319-23 Cherry St  
Philadelphia Pa  
Hoosier Homes Inc 709 E 38th St Indianapolis Ind  
Hoosier Panel Co New Albany Ind  
Hoosier Sash & Door Co Anderson Ind  
Hoover & Allison Co 1939 Butler St Xenia O  
Hope Brick Wks Hope Ark  
Hopewell Mfg Co Hopewell N Y  
Hopkins Lumber Co Memphis Mo  
Hoppe Wirenet Inc 400 W 34th St New York N Y  
Hoson (W C) Co Grand Rapids 2 Mich  
Horn (A C) Co Inc 43-62 Tenth St Long Island City  
1 N Y

Horn Bros Shingle Co Ltd N Vancouver B C Can  
Horton Cedar Mfg Co Ltd Victoria B C Can  
Hose Accessories Co 2785 N 17th St Philadelphia 32 Pa  
Hosking Paper Co 1301 Lake Ave Wilmette Ill  
Hotchkiss Bros Co Torrington Conn  
Hotchkiss (H E) Co 10 Hoyt St Newark Conn  
Hotelbldg Inc 5600 W Taylor St Chicago 44 Ill  
Hotstream Heater Co 2363 E 69th St Cleveland 4 O  
Houch (Frank G) Co 801 Sunnyside Ave Libertyville Ill  
Hough Brake Corp 1203 S Jackson St Jansenville Wis  
Household Patent Co Norristown Pa  
House of Hospitality 11544 Ventura N Hollywood Calif  
Houston Plan Service Inc 140 Nassau St New York  
N Y  
Houston Blow Pipe & Sheet Metal Wks Houston Tex  
Houston Bros Vicksburg Miss  
Houston Ready-Cut House Co 3601 Polk Ave Houston 3  
Tex  
Howard Mfg Co 2448 E 58th St Los Angeles Calif  
Howard Mfg Co Kent Wash  
Howe & French Inc 305 Franklin St Boston 10 Mass  
Howell Co St Charles Ill  
Howell (H E) Co Malcolm Ave E H & Fourth St Min-  
neapolis 14 Minn  
Howe Scale Co 2947 Seale Ave Rutland Vt  
Howes (S M) Inc Fall River Mass  
Hrobaky Lannon Stone Service Lyons Wis  
Hubbell (Harvey) Inc State & Botwick Ave Bridgeport  
5 Conn  
Hubeny Brothers Inc Roselle N J  
Hudson (H D) Mfg Co 587-91 E Illinois Chicago 11 Ill  
Hudson Bros Fossilhill Ore  
Hubert (William) Mill Co Everett Wash  
Humboldt Brick & Tile Co Humboldt Kan  
Humboldt Fence & Supply Co Humboldt Ia  
Humboldt Plywood Corp Arcata Calif  
Hummer Mfg Co Springfield Ill  
Humphrey Brick & Tile Co Brookville Pa  
Humphrey Mfg Co 201 E Fifth St Mansfield O  
Huser Fan & Ventilating Co 381 S Front St Memphis 2  
Tenn  
Huxley Tool Co 1109 S Robertson Blvd Los Angeles 35  
Calif  
Huntington Harwood Co Huntington W Va  
Huntington Shingle Co Springdale Ore  
Hunt (J B) Lumber Co Nacogdoches Tex  
Hunt (Lacy B) Lumber Co Nacogdoches Tex  
Hurd Millwork Corp Medford Wis  
Huron Portland Cement Co Ford Bldg Detroit 26 Mich  
Hurtshire Oak Flooring Co Inc Hurstons Ala  
Hus & Baird Studio Mount Minn  
Hussey (C G) Co 2800 Second Ave Pittsburgh 19 Pa  
Hutchinson Mfg Co Norristown Pa  
Hutter Bros Saw Mfg Co Inc 1290 University Ave  
Rochester 7 N Y  
Huttig Mfg Co Muscatine Ia  
Hutch & Daugh Co 1100 W Vandewater Ave St Louis  
10 Mo  
Hutton & Bourtonian Co Box 330 Hickory N C  
Hyde Mfg Co Eastford & Clemence Southbridge Mass  
Hyde-Murphy Co Murphy Bldg Bridgeport Ill  
Hyde Park Lumber Co Burch Ave & NWR Cincinnati O  
Hydraulic Press Brick Co 705 Olive St St Louis Mo  
Hydromatic Div Bucyrus-Erie Co 1046 Monroe Ave  
Milwaukee Wis  
Hydro Prods Inc Madison 5 Wis  
Hygienic Prods Co Canton O  
Hyves & Co Electric Co Box 598 Wadford Md  
Hypo Engineering Inc 404 Washington Ave N Min-  
neapolis 1 Minn  
Hyster Co 2402 N E Clackman St Portland 8 Ore

I

Idaho Fire Brick & Clay Co Troy Ill  
Ideal Pole Co Sandpoint Id  
Ideal Shingle Co Idanha Ore  
Ideal Brass Wks 250 E Fifth St St Paul 1 Minn  
Ideal Cabinet Corp Div Des Lauriers Column Mould Co Inc  
7722 Jay Rd Detroit 4 Mich  
Ideal Cement Co Colorado Portland Div Denver National  
Bldg Denver 2 Colo  
Ideal Co Waco Tex  
Ideal Hanger Co 1292 E 53rd St Cleveland 14 O  
Ideal Industries Inc 1906 Park Ave Syracuse Ill  
Ideal Mfg Co Warsaw Mo  
Ideal Ventilator Co 160 Atlantic Ave Providence 7 R I  
Ideal Electric Ventilator Co 2255 N Palmside Ave Chicago  
41 Ill  
Illinois Brick Co 228 N LaSalle St Chicago Ill  
Illinois Bronze Pender Co Inc 2023 S Clark St Chicago  
16 Ill  
Illinois Duster & Brush Co 1944 Webster Ave Chicago  
Ill  
Illinois Iron & Bolt Co 914 S Michigan Ave Chicago 5 Ill  
Illinois Lock Co 602-12 S Ada St Chicago 7 Ill  
Illinois Lumber Mfg Co Calumet Ill  
Illinois Malleable Iron Co 1905 Diversey Pkwy Chicago  
Ill  
Illinois Nail Co 826 N Peoria Chicago Ill  
Illinois Portland Cement Co 420 S Winchester Ave Chicago  
12 Ill  
Illinois Wire & Mfg Co Box 1506 Joliet Ill  
Illinois Zinc Co 2959 W 47th St Chicago 52 Ill  
Imperial Brass Mfg Co 1200 W Harrison Chicago Minn  
Imperial Handle Mfg Co Talahouah Okla  
Imperial Metal Mfg Co 38-01 Queen Blvd Long Island City  
N Y  
Imperial Molded Products Corp 2925 Harrison St Chicago  
Ill  
Imperial Motor Corp Kingston Pa  
Imperial Paper & Color Corp Pigment Color Div Glen  
Falls N Y  
Imperial Products Co 687 S Post Ave Detroit 17 Mich  
Incorator Co of America 2212 Paxton Blvd Harrisburg Pa  
Independence Lbr & Mfg Co Independence Ore  
Independent Lock Co 1950 Cleburn St Fitchburg Mass  
Independent Metal Strap Co Inc Third Ave & Third St  
Brooklyn 15 N Y  
Independent Nail & Packing Co Stone St Bridgeport  
Mass  
Independent Pneumatic Tool Co State & Cline St Aurora  
Ill

Independent Protection Co Inc 1005 S Main St Goshen Ind  
Independent Pile Co 152 Vandavia St St Paul Minn  
Indestructible Avening Co 54 W Grand Ave Chicago III  
Indiana Body Co 613 E H St Richmond 1 Ind  
Indiana Demountable Housing Inc 907 E Michigan St Indianapolis 6 Ind  
Indiana Desk Co Jasper Ind  
Indiana Lead Lumber Co Pittville Calif  
Indiana Hickory Furniture Co Coffey Ind  
Indiana Limestone Co Bedford Ind  
Indiana Paint & Color Co Capital & Third St Indianapolis Ind  
Indiana Steel & Wire Co Muncie Ind  
Indiana Veneer & Panel Co New Albany Ind  
Industrial Chemical Development Corp 347 Madison Ave New York 17 N Y  
Industrial Chemical Sales Div West Virginia Pulp & Paper Co Box 1333 New York Central Bldg New York 17 N Y  
Industrial Gloves Co 1012 Garfield St Danville III  
Industrial Iron Works 6011 S W Macedonia Ave Portland 1 Ore  
Industrial Lumber Co Little Rock Ark  
Industrial Machine Tool Co Inc 301 S Oak St Penton Mich  
Industrial Truck Div Clark Equipment Co The Inn Battle Creek Mich  
Infra Insulation Inc 30 Murray St New York N Y  
Inglis Iron Works Co Birmingham Ala  
Ingross-Brand Co 11 Broadway New York 4 N Y  
Ingross Steel Div (Borg-Warner Corp) 310 S Michigan Ave Chicago 11 Ill  
Ingram-Richardson Mfg Co 1948 McMillan St Beaver Falls Pa  
Inland Lumber Co 35 E Wacker Drive Chicago 2 Ill  
Inland Mfg Co Oakland Calif  
Inland Steel Co 38 S Dearborn St Chicago 3 Ill  
Inland Steel Container Co 6333 S Belmont Ave Chicago 38 Ill  
Inland Steel Products Co 4111 W Burnham Milwaukee Wis  
Inland White Lumber Co 741 W Glaway St Chicago 11 Ill  
In-Sink-Erator Co 1201 14th St Racine Wis  
Inst-Cutlery Div Taylor Bedding Mfg Co Taylor Tex  
Institution of Boiler & Radiator Mfrs Co 6 E 42nd St New York 17 N Y  
Insulation Industries Inc Janesville Wis  
Insulation & Refrigerators Co Williamson Wayne County N Y  
Insulation Service Co Albuquerque N Mex  
Insulate Co Div Blountland & Granite Paper Co 500 Baker Arcade Bldg Birmingham Ala  
Insulux Products Div Owens-Illinois Glass Co Toledo 1 O  
Intercontinental Corp Empire State Bldg 350 Fifth Ave New York N Y  
Interlock Metal Units Inc 50 Cliff New York N Y  
Inter-Mountain Coal & Lumber Co Elkins W Va  
Intermountain Homes Logan W Va  
Intermountain Insulation Co Salt Lake City Utah  
Inter-national Brick Co El Paso Tex  
International Business Machine Corp World Headquarters Bldg 590 Madison Ave New York 23 N Y  
International Chain & Mfg Co 1941 Newway St York Pa  
International Chemical Co Inc 2140 S Canal St Chicago 16 Ill  
International Coving & Construction Co Galveston Tex  
International Engineering Inc 1200 Belmont Ave Dayton 1 O  
International Fire Equipment Corp 84 State St Staten Island 10 N Y  
International Fireproof Door Co 16 Lexington Ave Brooklyn 3 N Y  
International Glue Co 325 Marginal Boston Mass  
International Harvester Co 180 N Michigan Ave Chicago 1 Ill  
International Heater Co 101 Park Ave Utica N Y  
International Mfg Co 2340 S Delaware Denver Colo  
International Nickel Co Inc 67 Wall St New York 5 N Y  
International Nutty Tool Corp Geneva N Y  
International Oil Burner Co 2400 Park Ave St Louis 10 Mo  
International Safety Window Corp 121-127 30th St Brooklyn 32 N Y  
International Steel Co 1521 Edgar St Evanston 7 Ind  
International Steel Wool Corp Fine & Kerton St Springfield 0  
International Twist Drill Corp 624 Wyandotte St Kansas City 6 Mo  
Interstate Brick Co Salt Lake City Utah  
Interstate Oil Co Inc 847 Shawnee Ave Kansas City 3 Mo  
Investors Syndicate 200 Roanoke Bldg Minneapolis Minn  
Ionik Furniture Co Ionik Mich  
Ions Pipe & Tile Co Ives Moines Ia  
Ipsco Plywood Corp Kemmer La  
Iris-Gator Mfg Co Tucson Ariz  
Ironcraft Inc San Jose 11 Calif  
Iron Fireman Mfg Co 3238 W 106 St Cleveland 11 O  
Ironite Fire Brick Co Ironite O  
Irvington Firm & Co 29 Neway St New York N Y  
Irwin Auger Bkt Co Wilmington N C  
Isenhour (G W) & Sons Salisbury N C  
Island Equipment Corp 27-63 Bridge Plaza N Long Island City 1 N Y  
Ives (H B) Co 5 Artisan Rd New Haven 6 Conn  
Ivory Pine Co Inc Falls Ore  
Ivan Brothers Inc 1555 Prairie Ave South Bend Ind  
IXL Furniture Co Goshen Ind

Jackson & Church 321 N Hamilton Saginaw Mich  
Jackson Mfg Co Lehigh Rd Harrisburg Pa  
Jackson Sawmill Co Jackson Tenn  
Jacksonville Blow Pipe Co Jacksonville Fla  
Jacques Power Saw Co Demonia Tex  
Jacuzzi Brite Inc 4200 E 12th St Richmond Calif  
Jaeger Washline Co 500 W Spring St Columbus 16 O  
James Mfg Co Ft Atkinson Wis  
Jameson Plywood & Veneer Co 54 Steele St Jamestown N Y  
Jamison Cold Storage Door Co 428 Forest Dr Hagerstown Md  
Jamison Lumber & Shingle Co Everett Wash  
Jannette Cotton Mills River & Raco Sta Jacksonville Wis  
Janney & Co Montgomery Ala  
Jarvis & Jarvis Inc 110 Pleasant St Palmer Mass  
Jatquot Lumber Co Nevada Wis

Jayline Mfg Co Inc Egg Harbor N J  
Jaymor Co Hood River Ore  
Jefferson Electric Co 810 29th Ave Bellwood Ill  
Jeffrey Lumber Co Birmingham Ala  
Jefferson Wood Working Co 1916 W Hill Louisville Ky  
Jeffrey Lumber Co Inc Oxford N C  
Jeffrey Mfg Corp 128 Boston Ave Weymouth Mass  
Jeffrey-Myers Mfg Co Oxford N C  
Jeffries (J W) Lumber Co Silverport La  
Jellison (E C) Mfg Co Worcester Mass Southport Conn  
Jenkins Brick Co Montgomery Ala  
Jenkins Bros 80 White St New York N Y  
Jensen (E) Mfg Co 128 Boston Ave Weymouth Mass  
Jet Tool Sales Co Box 217 Ft Loma Station San Diego Calif  
Jewett Paint & Varnish Co 348 N Western Ave Chicago III  
J-D Prods Co Duvenport Ia  
Jitterbug Sander Co Inc Menominee Mich  
J-J Prods Co 225 Centerville Ave Belleville Ill  
John-Benville Corp 22 E 40th St New York 16 N Y  
Johnson & Carlson 848 W Eastman Chicago 22 Ill  
Johnson Co Sharon Pa  
Johnson (C B) Co Champaign Ill  
Johnson Pure Box Co 4619 Ravenswood Ave Chicago Ill  
Johnson Industries Inc 350 McPherson Hwy Fremont O  
Johnson Industries Inc 2110 S 7th St St Louis 4 Mo  
Johnson (J W) Co 1237 N Honore Chicago Ill  
Johnson Lumber Co Inc Manchester N H  
Johnson Mfg Co 12800 1st Ave Seattle Wash  
Johnson Metal Prods Co Erie Pa  
Johnson Motors Div Outboard Marine & Mfg Co Washington  
Johnson Quality Homes Inc Pemberton N J  
Johnson (S C) & Co Inc Carus St Racine Wis  
Johnson (S T) Co 940 Arlington Ave Oakland 8 Calif  
Johnson Steel & Wire Co 51 Wiser Ave Worcester 1 Mass  
Johnson Glass Co Inc Hartford City Ind  
Johnson Mfg Co 2821 E Hennepin Ave Minneapolis 13 Minn  
Johnson (B F) Paint Co 3925 Huston Ave Cincinnati Ohio  
Johnston Co 13833 S Indiana Ave Chicago 27 Ill  
Joliet Wall Paper Mills Inc Joliet Ill  
Jolley Bros Co 2000 Arlington Ave Oakland 8 Calif  
Jones & Brown Inc 499 Sixth Ave Pittsburgh 19 Pa  
Jones (C J) Lumber Co Everglades Fla  
Jones & Lumber Co Nichols Minn  
Jones & Laughlin Steel Corp 311 Bond St Em 405 Pittsburgh 19 Pa  
Jones (H T) Lumber Co North Tonawanda N Y  
Jones Superior Machine Co 1272 W North Ave Chicago 22 Ill  
Jordan Refrigrator Co 235 N Broad Philadelphia 43 Pa  
Jost (D) Mfg Co 123 Lake Drive Manistee Mich  
Joye Brick Works Boston N Y  
Joya-Critical Works E First & Holt Sts Dayton 3 O  
Judith (R L) Co Inc 45 S Marwood St Wallingford Conn  
Justice City Clay Co 3384 Prospect Ave Cleveland O  
Just Mfg Co 4610 W 31st St Chicago 10 Ill  
Justis Mfg Co 3061 N Southport Chicago 14 Ill

K

Kaiser Aluminum & Chemical Sales Inc 1924 Broadway Oakland 12 Calif  
Kaiser Metal Products Co Bristol Pa  
Kalamazoo Canvas Co Kalamazoo Mich  
Kalamazoo Stone & Furnace Co Kalamazoo Mich  
Kalamazoo Tank & Silo Co MCRB & Harrison St Kalamazoo 14 Mich  
Kallipell Lumber Co Kallipell Mont  
Kalm Flour Co Inc 110 E 42nd St New York 17 N Y  
Kalm Brick & Tile Co Fort Lodge Ia  
Kallio Plywood Co Kallio Falls Ore  
Ka-Mo Tools Inc 1845 S 55th Ave Chicago 23 Ill  
Ka-Mo Mfg Co 12132 W Capitol Dr Milwaukee Wis  
Kane Bros Co Kane Pa  
Kankou Forest Products Inc Prent River Id  
Kant-Slam Door Check Co Bloomfield Ind  
Kaplan Lumber Co Madison Ore  
Kapler (Joseph J) Sales Co 928 E 61st St Chicago III  
Karter-Dexter Co Tacoma 1 Wash  
Karr Range Co Belleville Ill  
Kath Engineering Co 117 Elm St Mankato 3 Minn  
Kauffman Corp 1210 Gable St Detroit 12 Mich  
Kaul Clay Mfg Co Spring St Toronto 9 C  
Kaul Lumber Co Birmingham Ala  
Kaustine Co Inc Perry N Y  
Kawner Co 714 N Front St Niles Mich  
Kaydel Moisture Gauge 128 Liberty St New York 6 N Y  
Kay-Pipe Co 10 White St West Orange N J  
K & D Pipe Forging Co 2645 S Keefer Chicago 18 Ill  
K D Mfg Co Lancaster Pa  
Keasby & Mattison Co 1944 Mitchell St Amber Pa  
Keckmuth Mfg Waterproofing Co Inc 53 W Jackson Blvd Richmond 4 Ill  
Keen Equip Co Inc Vineland N J  
Keen (F D) Mfg Co Buffalo N C  
Keen (F D) Mfg Co 709 Superior Ave Cleveland 3 O  
Keener Mfg Co Albert & Martha Sts Philadelphia 25 Pa  
Kenna Metal Inc 700 Lloyd Ave Latrobe Pa  
Kennedy Box & Lumber Co S Gardner Mo  
Kennedy Inc Truss Door Div Bingham Mo  
Kennedy Co Schiller Park Ill  
Kennedy (J G) Lumber Co Seattle 1 Wash  
Kenneth Co Cooney N H  
Kenner Hardware Flooring Co Wood St Kenosha W Va  
Ken-S-Bull Co Van Buren O  
Kent Co Inc 105 Canal St Rome N Y

Kentile Inc 58 Second Ave Brooklyn N Y  
Kent Lumber Co San Francisco 4 Calif  
Kerr Machine Co Cuyahoga Falls O  
Kerr Metal Prods Co 8106 Preston St Louisville 13 Ky  
Kenneth Motor Truck Corp 8901 E Marginal Way Seattle 16 1 Wash  
Keruch Co 333 N Michigan Ave Chicago 1 Ill  
Kerr Incinator Div Morse-Bosler Destructor Co 211-D E 42nd St New York 17 N Y  
Kerry Prods Box 414 Hastings Mich  
Kerry & Hanson Flooring Co Grayling Mich  
Kester Solder Co 4201 W Wright Ave Chicago III  
Kett Tool Co 5 E 3rd St Cincinnati O  
Kett & Euser Co 300 Adams St Hoboken N J  
Kewanee Builer Corp Div American Radiator & Standard Sanitary Corp Kewanee Ill  
Kewanee Machinery & Conveyor Co Kewanee Ill  
Kewanee Mfg Co 150 Burlington Ave Kewanee Ill  
Krystone Asphalt Prods Co 45 E Ohio Chicago 11 Ill  
Keystone Brass & Rubber Co 2705 N Broad St Philadelphia Pa  
Krystone Frame & Mfg Co 9629 E Riverdale Spokane Wash  
Krystone Glue Co Willamport Pa  
Krystone Lime Wax Inc Kenosha Ala  
Krystone Lumber Co Camden Ark  
Krystone Steel & Wire Co 7000 S Adams Paris 7 Ill  
Krystone & Holly Varnish Co 2100 Broadway Brooklyn 31 N Y  
Krystone Wire Cloth Co Hanover Pa  
Krystone Wire Hatting Co 700 Rowland Beaver Falls Pa  
K & H Milwaukee Steel Co 4000 W Milwaukee St Milwaukee 1 Wis  
Kidde (Watson) & Co 675 Main St Belleville 9 N J  
Kimball Bros Co 929 Ninth St Corvallis Oreg  
Kimball Glass Co Vineland N J  
Kimball Mfg Co 1629 Racine Ave Bross Oak Mich  
Kimberly-Clark Corp 4500 W 10th St Neenah Wis  
Kimberly-Clark Corp Kimball Div 4500 N Commercial St Neenah Wis  
Kings Laboratories 1720 Sansom St Philadelphia Pa  
King-Chippewa Co 1270 Suncor St Philadelphia Pa  
King Co Owatonna Minn  
King (E F) Co Inc 52 Purchase St Boston 10 Mass  
Kingham Truck Co 15th & Hill Louisville Ky  
King Lumber Industries Canton Miss  
King Lumber Industries Inc St Francisco La  
King Mfg Co 3146 W Chicago Ave Chicago 22 Ill  
Kingland Clay Prods Pa Lyndhurst N J  
Kingley Lumber Co Portland 9 Ore  
Kingston-Cooler Div Hoover Co 700 Brook Ave N Plainfield N J  
King Stone & Range Co Sheffield Ala  
Kingston Industries Inc 410 W Superior St Chicago 10 Ill  
Kinnear Mfg Co Seventh & Fields Ave Columbus 16 Mo  
Kinnis Pine Mills Co Kinross Ore  
Kinsler Industries 1508 E Superior St San Gabriel Calif  
Kirby Lumber Co Kirby Bldg Houston 2 Tex  
Kirby & Blum Mfg Co 2884 Spring Grove Ave Cincinnati O  
Kirshill Bldg 6836 McKinley Ave Los Angeles Calif  
Kirman Engineering Corp 123 Mercer St New York 13

Kirkpatrick (Thomas) Estate Vancouver B C Canada  
Kirrin Co 3415 E Jefferson Ave Detroit Mich  
Kirsh Co Sturgis Mich  
Kisco Co Inc 2400-40 DeKalb St St Louis Mo  
Kitchem Lumber Co Ashland Ky  
Kitchem Mill Corp Andrews Ind  
Klamath Basin Pine Mills Corp Klamath Falls Ore  
Klauer Mfg Co Ninth & Washington St Dubuque Ia  
Klinefelter Co Baldwin Park Calif  
Kloos Steel Inc 1829 W Carroll Chicago Ill  
Klots Mfg Co Burlington Ia  
Kloster (Mathias) & Sons 3200 W Belmont Chicago 18 Ill  
Kloster Timber Co Fort Wayne Ind  
Klein-Von Kniff-Back Co Inc 1776 Broadway New York 19 N Y  
Klingens (E) Bldg Mfg Co San Antonio 4 Tex  
Klingel-Ernt & Co 169 W Kollweg Bld St Paul 5 Minn  
Klimb (C E) Lumber Co Crystal Springs Miss  
K & W Corp Norfolk 8 Va  
Knape & Vogt Mfg Co 658 Richmond N W Grand Rapids Mich  
Knapp Bros Mfg Co Cincinnati 36 O  
Knapp-Monarch Co West Ave & Potomac St St Louis Mo  
Knickerbocker Mfg Co 605 Liberty Jackson Mich  
Knights (James) Co Wells & Church Sts Sandwich Ill  
Knole Lumber Co Appleton Wis  
Knorr Corp Knox Ridge 2500 W Baswell Rd Chicago  
Knottan Plywood & Veneer Co 308 W Roosevelt St Chicago 7 Ill  
Knottung Co 3024 W Concordia Ave Milwaukee 10 Wis  
Koga Lumber Industries Bedford Ore  
Korn-I-Now Pearl Co Inc Bloomington N Y  
Kobler Co 44 High St Kohler Wis  
Kohler-Manley Pottery Co Kokomo Ind  
Kohler-Master Corp 124 Wallace St Grapes Ill  
Kohled Mail Box Co Duluth Minn  
Kool-Air Engineering Co San Bernardino Calif  
Kos-Vent Aluminum Aerial Distributors Box 1855 Pittsburgh 30 Pa  
Koppers Co Koppers Bldg Pittsburgh 19 Pa  
Korn Industries Inc 45 Lehigh Bldg Sumner S C  
Korok Mfg Co Eddy Rd & Yaff Ave Cleveland O  
Kosmos Portland Cement Co Harris Bldg Louisville Ky  
Kos-Aire Inc Bad Oak Ia  
Kraemer & Co Inc 551 16th Ave Newark N J  
Krauser-Bord Inc 853 River Rd N Yonkers N Y  
Kraus (Walter B) Co 48-08 43rd St Woodside N Y  
Kraemer (A) Inc 307 Kent Ave Brooklyn N Y  
Krewey Mfg Co 2nd & H Sts Petaluma Calif  
Krewey Steel Co Hyde Park Bldg Chicago 15 Ill  
Kuhle (H B Prod) 6411-6425 Third Ave Brooklyn 20 N Y  
Kurwey (F F) Paint Co 201 E Market Louisville Ky  
Kurtz Mfg Co Port Washington Pa  
Kwikpak Locks Inc 516 E Santa Ana Ave Anaheim Calif

L

Labelle Industries Inc Oceanview Wis  
Laboratory Equipment Corp Hilltop Rd St Joseph Mich  
Lacey (E B) Lbr Co Forting Miss  
Lacoste Steel Co Arcade Bldg St Louis Mo  
LaConner Shingle Co LaConner Wash

LaCrosse Steel Roofing & Corrugating Co Third & Kroner  
 N.Y.  
 Lacme Wm  
 Lacer Glee Mfg Co 611 Broadway New York 12 N Y  
 Lader (Edward R) Co 128 La Fayette New York N Y  
 Lake Chemical Co 203 E Carroll Chicago 12 Ill  
 Lakeside Malleable Castings Co Racine Wis  
 Lake Shannon Timber Co Concrete Wash  
 Lake Shore Engineering Co E Magnetic St Iron Mountain  
 Mich  
 Lambeth Rope Corp 1000 Tarzikh Hill Rd New Bedford  
 Mass  
 Lamson Products Inc Middletown Ct  
 Lamson Corp 303 Lamson St Syracuse 1 N Y  
 Lamson & Goodnow Mfg Co Shelburne Falls Mass  
 Lancaster Corp Ft Worth 11 Tex  
 Lancaster Mfg Co Lancaster Pa  
 Lancaster Pump & Mfg Co Lancaster Pa  
 Lander Putty Works Malden 49 Mass  
 Landers Fry & Clark New Britain Conn  
 Landis Machine Co 1937 Kirkpatrick St Weynesboro Pa  
 Landscape Slate & Roofing Co Inc Poultney Vt  
 Landro Mfg Co Woughkeepspe N Y  
 Lane Mfg Co Montpelier Vt  
 Langell Lbr Co Milford N H  
 Langham Hardwood Flooring Co 12th & Magnolia St Louis-  
 ville 10 Ky  
 Lark Mfg Co 30 Cummington St Boston Mass  
 Lansdowne & Moody Houston Tex  
 Lanning Co 600 Cedar St Lansing 3 Mich  
 LaPorte Mat & Mfg Co Brighton & Glover Sts LaPorte Ind  
 Laramie Brick & Tile Co Laramie Wyo  
 Laredo Brick Co Laredo Tex  
 Larsen (Charles O) Co 253 Avenue G Sterling Ill  
 Larson Ladder Co San Jose Calif  
 LaSalle Lighting Products Inc 145 Reneca St Buffalo 3  
 N Y  
 Lasmas Lumber & Box Co Monadnock Bldg San Francisco  
 Cal  
 Las-Nib Mfg Co E & Wayne Sts Hamilton O  
 Lasol Engineering Co Cleveland Ohio  
 Lastik Products Co Inc Keenan Bldg Pittsburgh 22 Pa  
 Lasting Products Co Franklinton Rd Baltimore 23 Md  
 Las Vegas Brick Co Las Vegas N Mex  
 Lata Products Co Texarkana Ark  
 Latitee Inc Pasadena 8 Calif  
 Lau Flower Co 2001 Home Ave Dayton 7 O  
 Laughlin (Thomas) Co 200 Fore St Portland 6 Me  
 Laurvion Foundry Co Laurvion Pa  
 Laumann Lbr Co Bedford Ind  
 Lawrence Bros Sterling Ill  
 Lawrence Engineering Service 98 Smith St Peru Ind  
 Lawrence Engraving Service Peru Ind  
 Lawrence Steel Co 574 Venice Blvd Los Angeles 35 Calif  
 Lawrence Tool Corp Lawrence Mass  
 Lawrence Warehouse Co WP Story Bldg Los Angeles Calif  
 Lawson (F H) Co Peoria & Whately Sts Cincinnati 4 O  
 Lawson Mfg Co Wilkingsburg Pa  
 L C N Clovers Inc 440 W Superior St Chicago Ill  
 Leach Co Main 324 E Fox River Oshkosh Wis  
 Lead Industries Assn 420 Lexington Ave New York 17  
 N Y  
 Leaky Mfg Co Higginsville Mo  
 Leake Stone Co 114 W 11th St Kansas City 6 Mo  
 Learned (R B) & Son Natchez Miss  
 Leathers (A H) Mfg Co Dickson Tenn  
 Lee Rubber & Tire Corp Conshohocken Pa  
 Lee Tidewater Cypress Co Perry Fla  
 Leeson Steel Prods Inc 866 N Lake Shore Dr Chicago Ill  
 Leetonia Tool Co Bolt & Main Ave Leetonia O  
 Legion Stainless Sink Corp 21-07 40th Ave Long Island  
 City 1 N Y  
 Leigh Portland Cement Co 718 Hamilton St Allentown Pa  
 Lehigh Sewer Pipe & Tile Co Fort Dodge Ia  
 Lehman Co of America Cantonment Ind  
 Lehman Sprayshield Co 3351 York Rd Philadelphia Pa  
 Lehman Co 4425 S Oakley Chicago 9 Ill  
 Leibold Corp 142 Fremont Ave South Bend Ind  
 Leiden Specialty Co Oconomowoc Wis  
 Leiselt Iron Works Crescent & Mill Bld Grand Rapids 2  
 Mich  
 Leland Electric Co 1501 Lee St Dayton O  
 Leming (M E) Lumber Co Cape Girardeau Mo  
 Lenk Mfg Co 30 Cummington St Boston Mass  
 Lenon Wallpaper Co Joliet Ill  
 Lenox Furnace Co Marshalltown Ia  
 Leonard Electric Mfg Co 3003 Perkins Ave Cleveland O  
 LePage's Inc 40 Swannon St Gloucester 41 Mass  
 Leslie Welding Co 2937 W Carroll Ave Chicago Ill  
 LeTourneau (R G) Inc 2305 N Adams Peoria Ill  
 Levolor Lamination Inc 391 W Broadway New York 3 N Y  
 Lewis (B O) Watertown Wis  
 Lewis Bolt & Nut Co Inc 503 Malcolm Ave S E Minneps-  
 polis Minn  
 Lewis Mfg Co Bay City Mich  
 Lewis-Shepard Products Inc 117 Walnut St Watertown 72  
 Mass  
 Lewiston Brick & Tile Co Lewiston Mont  
 Lexington Lumber Co Columbia S C  
 Leybold-Smith Shingle Co Tacoma Wash  
 L H L Lumber Corp Carleton Ore  
 Libbey-Owens-Ford Glass Co 12th Fl Nicholas Bldg Toledo  
 3 O  
 Liberty Bell Mfg Co Minerva O  
 Liberty Foundry Co St Louis Mo  
 Liechten Co Inc 1210 N Hoyne Chicago 23 Ill  
 Lieber (Charles A) St Louis 10 Mo  
 Lightoller Co 146 Claremont Ave Jersey City 5 N J  
 Cincinnati Bros Milroy S C  
 Lilly Products Co Attleboro Mass  
 Lima Electric Mfg Co Lima O  
 Link (O E) Co Inc Montclair N J  
 Lincoln Electric Co 13010 Coit Bld Cleveland 1 O  
 Lincoln-Schreiber Floor Machines Co 1250 W Van Buren  
 St Chicago 7 Ill  
 Linerac Inc Burlington N Y  
 Lindemann (A J) & Heveron Co 601 W Cleveland Ave  
 Milwaukee 7 Wis  
 Linden Mfg Co Linden N J  
 Lindsay Wagon Co Laurel Miss  
 Link-Belt Co 202 N Michigan Ave Chicago 1 Ill  
 Link-Belt Speeder Co Cedar Rapids Ia  
 Link Mfg Co Fargo N D  
 Link-Newcomb Mill & Lumber Co Toluca Miss  
 Line-Paste Co 3321 S Pulaski Chicago Ill

Linton Penell Co Lewisburg Tenn  
 Lionel Co 15 E 24th St New York N Y  
 Lion Shingle Co Aberdeen Wash  
 Lion-Rollway Corp 208 E Gades St Syracuse 1 N Y  
 Lippincott Engineering Wm 4603 W Mitchell St Milwaukee  
 14 Wis  
 Lisan Holst & Crane Co Lishton O  
 Lionel Penell Corp 2406 Eagle Ave Alameda 1 Calif  
 Litch-J-Bar & Holland Mfg Co  
 Lithcrafters Camden N J  
 Lithogen Corp 10 E 40th St New York 18 N Y  
 Little Giant Prods Co Wood 3 Ill  
 Little (H C) Warner Co 2nd & Lincoln Sts San Rafael  
 Calif  
 Littleton Hardware & Foundry Co Inc 48 Charles St  
 Littleton Pa  
 Lloyd Mfg Co 666 N Lake Shore Chicago Ill  
 L & M Mfg Co Gillespie O  
 Locke Mfg Co West Salem O  
 Locke Regulator Co Salem Mass  
 Lockery Co College Point N Y  
 Lockhart Mfg Corp 6359 E Davison Ave Detroit 12 Mich  
 Lock Joint Windows Co Oklahoma City Okla  
 Lockport Cotton Baling Co Elmwood Ave Lockport N Y  
 Lockwood Hardware Mfg Co 1850 Cleghorn St Fitchburg  
 Mass  
 Lockwood Wood Products 321 Pacific Bldg Portland 4 Ore  
 Logan Clay Products Co Logan O  
 Logan Co 1115 Franklin St Louisville Ky  
 Logan-Long Co 6000 S Central Ave Chicago Ill  
 Lohmeyer Co 400 Broadway Ave Newark 3 N J  
 Lombard Governor Corp Main & Pleasant Sts Ashland  
 Mass  
 Lonsdale Furniture Co Cleveland O  
 Loungeron Mfg Co Edison & Clark Sts Albion Mich  
 Lone Star Cement Corp 100 Park Ave New York 17 N Y  
 Long Association Co Longview Tex  
 Long-Bell Lumber Co R A Long Bldg Kansas City 5 Mo  
 Long Fir Gilder Co 800 Dewey Cadiz O  
 Long Lake Lumber Co Spokane Wash  
 Longyear Shingle Co Kalama Wash  
 Longmont Brick & Tile Co Longmont Colo  
 Longyear Shingle Co Longview Wash  
 Long (W B) Co 114 W Illinois Chicago 11 Ill  
 Lookout Boiler & Mfg Co Mrs Rd & Compress St Chatta-  
 nooga 1 Tenn  
 Lookout Industries 516 Park Way Piedmont Calif  
 Lorentzen Hardware Mfg Corp 301 W Broadway New York  
 12 N Y  
 Los Angeles Ladder Co 6230 S Alameda Los Angeles Calif  
 Louder Machinery Co 1120 Broadway Fairfield Ia  
 Louisiana Central Lumber Co Clarks La  
 Louisiana Cypress Lumber Co Fouchatoula La  
 Louisiana Long Leaf Lumber Co Fibler La  
 Louisville Cement Co 315 Centre St Louisville 2 Ky  
 Louisville Electric Co 800 Magazine St Louisville Ky  
 Louisville Fire Brick Wm Inc 4554 Louisville Ave Louis-  
 ville Ky  
 Lowey Flexible Coupling Co 5061 W Lake Chicago 44 Ill  
 Lowell Clay Products Co Lowell Wis  
 Lumberman's Plant Service 120 Marchin Peoria 8 Ill  
 Lowen Inc 1325 E 53rd St Chicago 15 Ill  
 Lowe Bros 430 E 73rd St Dayton 2 O  
 Lowe Mfg Co 589 E Illinois St Chicago 11 Ill  
 Lowy Mfg Co Enderlin N D  
 Loutler (Henry A) Co Joliet Ill  
 Lucas (John) & Co Inc 1619 Pennsylvania Blvd Phil-  
 adelphia Pa  
 Lucas (John) Co Inc 514 Railroad Ave Wilmette Ill  
 Ludman Corp Box 4541 Miami Fla  
 Luowick-Clendon Co 104 S Michigan Ave Chicago 3 Ill  
 Luffel Corp Co 2401 Durand Rd Racine Wis  
 Luffkin Lumber Co 1730 Hess Ave Saginaw Mich  
 Lull Mfg Co Minneapolis Minn  
 Lumber Fabricators Co Ft Collins Colo  
 Lumine Co 515 Madison Ave New York 22 N Y  
 Lumis Div Chicago Mfg Corp of Georgia 49 Worth St  
 Lynch 13 N Y  
 Lumlair Corp Pawling N Y  
 Luria Engineering Corp 500 Fifth Ave New York 18 N Y  
 Lurist Plastic Tile Co 53 S Main St Akron O  
 Luthy Grinder & Tool Co Sheboygan Wis  
 Luthi (F C) & Co Baiter Bldg New Orleans 12 La  
 Luze-Viel Inc W Franklin & Edwards Sts Elkhart Ind  
 Lytle (Donald W) Tacoma Wash  
 Lyman (H B) Co Southampton Mass  
 Lyon Franklin & Co Inc Race & McComas Sts Baltimore  
 30 Md  
 Lyon Metal Products Inc 321 N Madison St Aurora Ill  
 Lyon Rural Electric Co San Diego Calif

**M**

MacArthur & Smith Inc One N La Salle St Chicago 2 Ill  
 MacFarland (L D) Co Ltd Sandpoint Id  
 MacFarland & Gibbs Co 326 E Wisconsin Ave & Koster Mil-  
 waukee 2 Wis  
 MacIntyre Mill Co Markham Wash  
 Mackin Venetian Blind Co Monomer Ill  
 Mack International Motor Truck Corp 350 Fifth Ave New  
 York N Y  
 Macklinburg-Duncan Co 123 N W 23rd St Oklahoma City 1  
 Okla  
 MacMillan Mill Co Markham Wash  
 MacLeod Co 2252 Bogen St Cincinnati 22 O  
 Maco Corp 1345 Henry St Huntington Ind  
 Macomber Hardware Co Mt Vernon Ind  
 Macomb Steel Prods Co Macomb Ill  
 MacWhorter Co 2936 14th Ave Kenosha Wis  
 Madeline Handle Co Mt Vernon Ind  
 Made-Rite Prods Inc 2408 S 7th St St Louis Mo  
 Madwell Mfg Co Oakland Calif  
 Madison Glee Corp 53 Park Place New York 7 N Y  
 Magner Bros Mfg Co Inc 138 E 9th St St Paul Minn  
 Magline Inc 1949 Mercer St Pinnington Mich  
 Magnum Co Inc Rld 15 Fort Wayne Ind  
 Magnetite Prods Co Milwaukee Wis  
 Magnesium Co of America 5222 Indianapolis Blvd  
 E Chicago Ind  
 Magnet Prods Co Bell Calif  
 Maguire (Walter) Co Inc Pockskill N Y

Mahon (R C) Co 8650 Mt Elliott Detroit 11 Mich  
 Mahoney Chair Co Gardner Mass  
 Mail Safe Mfg Co St Paul 2 Minn  
 Main Industries Co Bangor Me  
 Maine Steel Prods Inc 8 Portland Ms  
 Mainville Can Corp Broadtop N Y  
 Majestic Co Brown St Huntington Ind  
 Majestic Mfg Co 4550 Gautier St St Louis Mo  
 Major Prods Inc Glen Cove 1 N Y  
 Malleable Iron Fittings Co 31 Thatcher St Branford Conn  
 Malleable Iron Range Co Beaver Dam Wis  
 Mallock Prods Co 7740 S South Chicago Ave Chicago 19 Ill  
 Malmitco Co Fair Haven Ct  
 Malta Mfg Co Malta O  
 Malvern Can Co Malvern O  
 Manhattan Terrazzo Brm Strg Co Inc 1915 Park Ave  
 New York 35 N Y  
 Manheim Mfg & Bldg Co 13 Stiegel St Manheim Pa  
 Manitowoc Shipbuilding Co Manitowoc Wis  
 Mansfield Hardwood Lumber Co Shevport La  
 Mansfield Sanitary Paper Co Perryville O  
 Mansfield Tire & Rubber Co 1941 Warner St Mansfield O  
 Maple City Furnace Co Monmouth Ill  
 Maple Flooring Mfrs Association 46 Washington Blvd Oak-  
 Park Wis  
 Marblehead Line Co 308 W Washington Chicago 1 Ill  
 Marble Institute of America Inc 108 Forster Ave Mt  
 Vernon N Y  
 Marbach (A) Inc 680 Fifth Ave New York 19 N Y  
 Marbach Calculating Machines Co Oakland Calif  
 Marboe Stairways 1695 N Cleveland Ave St Paul 8 Minn  
 Marietta Plant & Color Co Green & Acme Sts Marietta O  
 Marino Lathing Supply Co Onondaga Park 16 Long Island  
 City N Y  
 Marion Basket Co Inc Marion Ind  
 Marion Handle Mills Inc Water St Marion Va  
 Marion Machine Foundry & Supply Co Marion Ind  
 Marion Power Shovel Co 7 W Center St Marion O  
 Marion Tool Corp 1111 Miller Ave Marion Ind  
 Marlow Co 3052 W Carroll Chicago 12 Ill  
 Mar-Kay Corp Co 2715 S Second St Morris Mo  
 Marine Electric Prods Inc Berwick All Buffalo 3 N Y  
 Market Forge Co 50 Harvey St Everett 49 Mass  
 Marking Co Madison Ill  
 Markwell Mfg Co Inc 200 Hudson St New York N Y  
 Marlow Pumps 568 Greenwood Ave Ridgewood N Y  
 Marmon-Herrington Co Inc 4636 Harding St Indianapolis  
 7 Ind  
 Marona Mill Co Acme Wash  
 Marquet Millworks Co 50 Cape St Oshkosh Wis  
 Marquette Cement Mfg Co 20 N Wacker Dr Chicago Ill  
 Marzette Co 1695 N Cleveland Ave St Paul 8 Minn  
 Marshall Lumber Co Marion N Y  
 Marshalltown Trowel Co Marshalltown Ia  
 Marsh (Jas P) Corp Skokie Ill  
 Marsh & Truman Lumber Co 332 S Michigan Ave Chicago  
 Ill  
 Marsh Wall Prods Inc 268 Main St Dover O  
 Mars Venetian Blinds Le Mars Ia  
 Martin-Dickson Inc Elizabeth N J  
 Martin Fingerprint Co 2104 Military Rd Buffalo N Y  
 Martin (H F) & Sons 802 W 12th St Ovesturore Ky  
 Martin Metal Co Wichita Kans  
 Martin-Perry Corp Box 944 Toledo O  
 Martin (Roy D) Lumber Co Alexandria La  
 Martin (S Clyde) Dallas Tex  
 Martin-Seasour Co 2570 S Square Chicago 8 Ill  
 Martini Export Co Inc 1180 N Main St Oshkosh Wis  
 Marvel Metal Prods Co 1100 S Central Park Ave Chicago  
 14 Ill  
 Marvel Rack Mfg Co 21 First St Minneapolis Minn  
 Maryland Bolt & Nut Co Font St Baltimore 9 Md  
 Masco Perlite Inc Hamilton 7 Tex  
 Mason (A) & Sons Inc New York N Y  
 Mason City Brick & Tile Co Mason City Ia  
 Mason Fence Co Leasburg O  
 Masonite Corp 114 W Washington St Chicago 3 Ill  
 Masons Tool Mfg Co Rochester N Y  
 Mason 27 Brick Vesper Co Detroit Mich  
 Massachusetts Chemical Co Boston 19 Mass  
 Massey Harris Co Inc Racine Wis  
 Master Electric Co 126 Davis Ave Dayton 1 O  
 Master-Freese Corp Sycer Bay N Y  
 Master Lock Co 2690 N 32nd St Milwaukee Wis  
 Master Metal Prod Inc 261 Chicago St Buffalo 4 N Y  
 Master Metal Strip Services Co 1720 N Kilbourn Ave  
 Chicago 39 Ill  
 Master Rule Mfg Co Inc 40 Mulberry St Middletown N Y  
 Master's Planter Co Brenton Harbor Mich  
 Master Woodworking Mfg Co 405 E Port St Detroit 28  
 Mich  
 Mastie Asphalt Corp South Bend Ind  
 Mastie Tile Corp of America Southbough N Y  
 Mastey (John W) & Son Inc Bayard & Severn Baltimore 30  
 Md  
 Materials & Treatment Co Inc North Ave & Third St  
 Milwaukee 12 Wis  
 Mathes (John B) & Sons Inc Dover N H  
 Mathews Conveyor Co 190 Tenth St Elwood City Ind  
 Mathews (Jas H) & Co 1315 W Liberty Ave Pittsburgh 22  
 Pa  
 Mattison Machine Wm 200 Blackhawk Park Ave Rock-  
 ford Ill  
 Matz Wire & Mfg Co Inc Joliet Ill  
 Mauk Seattle Lumber Co Skinner Bldg Seattle 1 Wash  
 Maxwell Venetian Blind Co Miami Fla  
 Max-Bilt Inc Frankfort Ky  
 Max Bros Garden City La  
 Maxey Bros Tool & Mfg Co Inc Port Austin Mich  
 Maxfield (J L) Inc 20 Briar St Shelburne Falls Mass  
 Max (J L) Co 121 W 19th St New York 11 N Y  
 Maytag Co Newton Ia  
 May (W B) Co Church St & The River Peru Ill  
 McCally (E H) Burbank Calif  
 McCann Lumber Co Doerstown Pa  
 McCann-Lumber Co Centon Springs La  
 McCarty Shingle Co Ltd 2418 Rock Bar Ave Vancouver  
 B C Canada  
 McCarty Register Co 2500 S Union Ave Alliance O  
 McCarty (D H) Lumber Co Chicago 3 Ore  
 McCloy's Varnish Co 7000 State Rd Philadelphia Pa  
 McClelland River Lumber Co 900 First Nat'l Soc Line Bldg  
 Minneapolis Minn  
 McCracken & McCall Inc Lexington 9 Ky

McCrack Tool Corp. Meadville Pa  
McCulloch Lumber Co. Atlanta Ga  
McDonald (A V) Mfg Co 1200 Pine St Dubuque Ia  
McDonough Mfg Co Eau Claire Wis  
McFarland-Brown Lumber Co Sandpoint Id  
McGowan (W M) Mfg Co Inc. Rutledge Ala  
McGrath-Sp Paul Co 242 E 10th St St Paul 1 Minn  
McGraw-Curran Lumber Co Yazo City Miss  
McGraw Elec Co 3201 W 69th St Chicago Ill  
McKen Beer Co 142 Heron Ave St Louis Mo  
McKenna (Jay G) Inc Route 5 E Jackson Blvd Elkhart Ind  
McKee Bros Co 5303 S Keeler Chicago Ill  
McKinney Mfg Co 1939 McKinney St Pittsburgh 12 Pa  
McLean-Arkansas Lumber Co N Little Rock Ark  
McLure & Co Fort Worth Texas  
McMinnville Mfg Co McMinnville Tenn  
McMurtry Mfg Co 1533 Arapahoe Denver Colo  
McNair (Robert) Shingle Co Ltd 605 Province Bldg Vancouver B C  
McNair Brick Co San Rafael Calif  
McPherson-Huff Tool Co Rahina O  
McQuay Inc Broadway & Johnson St NE Minneapolis 13 Minn  
McQuiston (George) Co East Boston Mass  
Meadow River Lumber Co Rainelle W Va  
Meadows (W B) Inc 2 Kinloch Elgin Ill  
Measurements Corp Intervale Rd Bonton N J  
Mechs Products Co Hertz & Ella Pittsburgh Pa  
Mechford Corp Milwaukee Wis  
Mehsard Portland Cement Co 1000 Midland Bldg Cleveland 15 O  
Meyer Corp Howard & Oxford Sts Philadelphia Pa  
Metric Systems Inc 3455 N Clark St Chicago Ill  
Metric Steel Safe Co Gahweg & Dawson Ave Toledo O  
Metlhandt (J A) & Co 30 W Kinloch Chicago Ill  
Metl-O-Chime & Signal Co Inc 119 S Jefferson Chicago Ill  
Metropolitan Hardwood Flooring Co Memphis Tenn  
Memphis Oak Flooring Co Memphis Tenn  
Menasha Coss Head Fibronex Corp North Bend Ore  
Menasha Woodensare Co 440 River St Menasha Wis  
Menzel Co 2302 S Fourth St Louisville 1 Ky  
Menzie Mfg & Lumber Co Quincy Ill  
Menominee Indian Mills Neopit Wis  
Menzner Lumber & Supply Co Marathon Wis  
Merrill Tool Co Inc Bayley Hudson N Y  
Merrill Corp 4201 W Belmont Ave Chicago Ill  
Mercury Mfg Co 4044 E Halsted Chicago Ill  
Meredith Publishing Co 171 S Wabash Chicago Ill  
Meridian Plastics Inc Cambridge O  
Merritt Oak Flooring Co Birmingham 1 Ala  
Merritt Products Inc Melrose & N Edgemont Los Angeles 27 Calif  
Merriam Mfg Co 100 Main St Durham Conn  
Merritt Monsanto Corp 120 S Niagara St Lockport N Y  
Merryweather Products Co Akron O  
Messer Bros Sixth Poplar & Seventh Sts St Louis 2 Mo  
Messer (George L) Steel Corp 400 N W First St Knoxville Tenn  
Messmer Bros Co 2708 S Seventh St St Louis Mo  
Metal Arts Mfg Co Box 4144 Harwell & Osceola Bds SW Atlanta Ga  
Metalcraft Co 1171 Tremont St Boston 20 Mass  
Metal Crafters E Ave at 18th St NE Cedar Rapids Ia  
Metal Decorating & Mfg Co 2021 W Fulton Chicago Ill  
Metal Lath Mfg. Assn. Engineers Bldg Cleveland 14 O  
Metalite Arts of New England Inc 243 Broadway Cambridge 39 Mass  
Metal Products Co Frederickburg Va  
Metal Products Corp 807 NW 20th St Miami 37 Fla  
Metal Prods Corp West Haven Conn  
Metal & Thermite Corp 18 Nassau St New York 5 N Y  
Metal Tile Prods Inc 120 N Broadway Hastings Mich  
Metal Trims Inc Youngstown 1 O  
Metal Window Sere Co 4001 47th St Chicago Ill  
Metamora Rubber Wks Metamora O  
Metropolitan Brick Co Newark Bldg Canton O  
Metropolitan Electric Mfg Co Stearns St & Ditmars Ave Long Island City 5 N Y  
Metropolitan Greenhouse Mfg Corp 1851 Flushing Ave Brooklyn 5 N Y  
Metzger Co 413 Douglas NW Grand Rapids 4 Mich  
Mexico Refractories Co Mexico Mo  
Meyer-Both Co 1925 S Michigan Ave Chicago Ill  
Meyersford Co 5233 W Lake Chicago Ill  
Meyer (F) & Bro Co Peoria Ill  
Meyer Farms Co 1300 S Washington Peoria Ill  
Meyers (Fred L) Mfg Co 1520 Bender St Hamilton O  
Meyer (W F) & Sons Inc 404 W Wells Chicago Ill  
Miami Cabinet Div Carey (Phillip) Co 1950 Grand Ave Middleton O  
Miami Metal & Mfg Co Inc Miami 38 Fla  
Miami Window Corp 3611 NW 38th Ave Miami Fla  
Michaels Art Bronze Co Inc Court & Lawrence St Covington Ky  
Miel & Pfeiffer Iron Works Inc 1415 Harrison St San Francisco 3 Calif  
Michigan California Lumber Co Camino Cal  
Michigan Ladder Co Forest Ave at Nisly Ypsilanti Mich  
Michigan Maple Block Co 1930 Standish Ave Petoskey Mich  
Michigan Pole & Tie Co Newberry Mich  
Michigan Power Shovel Co 250 Millard Rd Benton Harbor Mich  
Michigan Wire Cloth Co 2104 Howard St Detroit 16 Mich  
Michigan Wire Goods Co 250 N 2nd St Niles Mich  
Micro Switch Corp Fremont Ill  
Midget Lumber Co Norwalk Conn  
Midland Brick Co Chiltonne Mo  
Midland Co 1200 Rawson Ave South Milwaukee Wis  
Midland Valley Lumber Co St Louis 3 Mo  
Mid States Steel & Wire Co Crawfordville Ind  
Mid-West Abrasive Co 508 S Wellington St Oremos Mich  
Mid-West Acoustical & Supply Co 1183-M W 69th St Cleveland O  
Midwestern Fertilizer Corp Oklahoma City Okla  
Midwest Lumber Co 300-3200 S Racine Ave Chicago 8 Ill  
Midwest Mfg Co Galesburg Ill  
Midwest Metal Stamping Co Kellough Ia  
Midwest Steel Products Co Kansas City Mo  
Midwest Wall Paper Co Juliet Tenn  
Midwin (B) Bond Co Daisy Tenn  
Midwest Crane & Machine Co Milford Conn  
Mill City Mfg Co Portland Ore

Miller Bros Co Johnson City Tenn  
Miller Co 200 Center St Meriden Conn  
Miller & Co Jackson Tenn  
Miller & Co Inc Selma Ala  
Miller (E C) Cedar Lumber Co Aberdeen Wash  
Miller (Geo) Lumber Co Portland 4 Ore  
Miller (J W) Co Rockford Ill  
Miller Mfg Co 3238 W Bryn Mawr Chicago Ill  
Miller Metal Products Inc 2215 Russell St Baltimore 30 Md  
Miller-Piehl Co Seymour Wis  
Miller (Robert E) & Co Inc 35-35 Pearl St New York N Y  
Millers & Co Jackson Tenn  
Miller-Somes Inc Tarrytown N Y  
Miller & Sons Bellingham Wash  
Miller (T R) Mill Co 402 Doer St Brewton Ala  
Mill & Mine Supply Inc 2702 Fourth Ave S Seattle 4 Wash  
Millwork Distributors 2 N Krewer St 2nd St 4 Mich  
Milwaukee Brush Mfg Co 2200-2240 N Baltimore St Milwaukee Wis  
Milwaukee Elec Tool Corp 5316 W State St Milwaukee 8 Wis  
Milwaukee Flush Valve Co 301 E Duaneville Ave Milwaukee 12 Wis  
Milwaukee Hay Tool Co 2773 S 29th St Milwaukee Wis  
Milwaukee Plywood Co 1227 W Bruce St Milwaukee 4 Wis  
Milwaukee Sewerage Commission Milwaukee Wis  
Milwaukee Stamping Co 524 S 72nd St Milwaukee 14 Wis  
Mineral Pigments Corp Muskegon 1 Mich  
Mineral Prods San Antonio Tex  
Miner-Billard Milling Co Wilkes-Barre Pa  
Miner (H B) Mfg Co Meridian Miss  
Miner & Son Saw Wks Shreveport 90 La  
Miner Safety Appliances Co 230 Broadway Ave Pittsburgh 30 Pa  
Miniature Lumbercraft Co Tulsa Okla  
Minimite Co 3700 W Roosevelt Rd Chicago 24 Ill  
Minnesota Building Supply Co Minneapolis 5 Minn  
Minnesota-Honeywell Regulator Co 2747 S Fourth Ave Minneapolis 8 Minn  
Minnesota Machine & Tool Co Minneapolis 4 Minn  
Minnesota Linseed Oil Paint Co Minneapolis 15 Minn  
Minnesota Mining & Mfg Co 900 Fauquier Ave St Paul 6 Minn  
Minnesota Paints Inc 1101 Third St S Minneapolis 15 Minn  
Minnesota Platen Corp Pipestone Minn  
Minnesota Specialty Co Inc 119 N Fourth St Minneapolis 1 Minn  
Minnesota Wood Specialists Inc PO Box 216 St Paul 1 Minn  
Minshall Prods San Antonio 2 Tex  
Minter House Corp Huntington W Va  
Minton (T W) & Co Barbersville Kd  
Mitsuo Co Inc 11 W 42nd St New York 18 N Y  
Miraculous Adhesives Corp 214 E 53rd St New York 22 W Y  
Miraculous Chemical Prods Co Cleveland O  
Miracle Paint Refinerman Co Inc St Paul Minn  
Miracle Mfg Co 400 W 81st St Chicago 20 Ill  
Miracle Mfg Co Wichita Kans  
Miron Mfg Co Inc S Franklin & Walton Sts Syracuse N Y  
Misonen Lime Products Co 841 Ducommun St Los Angeles 6 Calif  
Mississippi Glass Co 200 Fifth Ave New York N Y  
Miss-Valley Hardwood Co Memphis Tenn  
Missouri Hardstone Brick Co St Louis Mo  
Missouri Portland Cement Co 3615 Olive St St Louis 8 Mo  
Mitchell Mfg Co 2525 N Clybourn Ave Chicago 14 Ill  
Mitchell Mfg Co 2748 S 54th St Milwaukee 7 Wis  
Mitchell (B J) Butler Co 2130 San Fernando Rd Los Angeles 85 Calif  
Miscellaneous Mfrs 6655 NE Halcy St Portland 16 Ore  
Miscellaneous Mfrs 6655 NE Halcy St Portland 16 Ore  
M M & A Inc Lancaster Pa  
M & M Plywood Corp Box 5637 Kenton Station Portland 8 Ore  
M & M Wire Clamp Co 975 17th Ave Minneapolis 14 Minn  
M & M Woodworking Co 2301 N Columbia Blvd Portland 17 Ore  
Mobile Paint Mfg Co Butler Bldg Mobile 9 Ala  
Mobile River Saw Mill Co Mt Vernon Ala  
Modifits Corp 833 St Main St Portland 14 Ore  
Modac Lumber Co Klamath Falls Ore  
Model Plan Services Kansas City Mo  
Modern Iron Works Quincy Ill  
Modern Light & Equipment Co 3812 S Wabash Chicago Ill  
Modern Metals Co 417 McGee St Nashville Tenn  
Modern Plastics Co 4641 Pacific Blvd Los Angeles Calif  
Modern Specialties Co 4140 W Harrison Chicago Ill  
Modern Stainless Specialties Co Div Modern Electric Laboratory 306-308 W 80th St Chicago 23 Ill  
Modern Ventian Blinds Inc 261 Fifth Ave New York 16 N Y  
Modern Wire Co 1300 DeKoven Ave Racine Wis  
Moore Mfg Co Ft Atkinson Wis  
Moshak Asphalt Heater Co Frankfort N Y  
Moshak Carpet Mills Inc Amherst N Y  
Moshak Electric Co N Grand & Main Alhambra Calif  
Moline Iron Wks Moline Ill  
Molly Corp 524 Court St Reading Pa  
Monsieur Beer Co Columbus Pa  
Monarch Door & Mfg Co Tacoma Wash  
Monarch Metal Weatherstrip Co 6333 Etzel Ave St Louis 8 Mo  
Monarch Sanitary Prods Inc 930 Newark Ave Jersey City N J  
Monarch Tile Mfg Corp 15374 Idaho Detroit 5 Mich  
Monette Waterproof Glue Co 950 Menlo Bldg North Minneapolis 11 Minn  
Monette Regt Corp 540 W 240th St New York 17 N Y  
Monson Stone Co Bloomington Ind  
Monroe Calculating Machine Co Grand N J  
Monroe Chicago Co Monroe Wash  
Monroe Chemical Co 1700 S Second St St Louis 4 Mo  
Monroe Chemical Co Plastics Div 600 Monsanto Ave Springfield 2 Mass  
Monroe Stone & Furnace Wks 2011 N Columbia Blvd Portland Ore  
Monstah (J B) Co 2504 Park Ave New York 51 N Y  
Monterey Hardwood Flooring Co Monterey Tenn  
Moore Benjamin & Co 509 Canal St New York N Y  
Moore Bros Lightning Bolt Co Marvillle Mo  
Moore Business Forms Inc Tompkins & Crockett Sts Niagara Falls N Y

Moore Dry Kiln Co Box 4248 Jacksonville Fla  
Moore (Goodie E) 2811 N Vermillion Duvalie 2 Ill  
Moore Mill & Lumber Co Bamberg Ga  
Moorehead Brick & Tile Co St Joseph Mo  
Morgan Co Onondah Wis  
Morgan Lumber Co Washington St Jackson Tenn  
Morgan Sash & Door Co 2247 Blue Island Ave Chicago 8 Ill  
Morris & Co Greenville N J  
Morrison Bros & Co Erwin W Va  
Morrison Mill Co Anacortes Wash  
Morrison Steel Prods Inc 601 Amber St Buffalo 7 N Y  
Morris Sales Co Winston-Salem 3 S C  
Morse-Boulger Destructor Co 205 E 42nd St New York 17 N Y  
Morse Metal Prods Co 285 E Second St New York N Y  
Mortariane Tile Machine Co Inc 2623 Riverside Dr Los Angeles Calif  
Mortell (J W) Co 550 N Hobble St Kanokake Ill  
Morton (Henry J) Associates Inc Detroit 3 Mich  
Morton Mfg Co Morton Kitchen Cabinet Div 5125 W Lake St Chicago 44 Ill  
Morton Mfg Co Memphis 9 Tenn  
Mosaic Tile Co 1949 Pershing Ave Evansville O  
Moster Sale Co Hamilton O  
Moster Sale Co 320 Fifth Ave New York 1 N Y  
Moss (T J) Tie Co 317 N Fourth St St Louis Mo  
Mossings Inc 2603 S Holt Rd Indianapolis 2 Ind  
Moulton Lumber Mfg Co Romeille Mass  
Mt Emily Lumber Co LaGrande Ore  
Mt Jefferson Box & Veneer Co Lyons Ore  
Mt Pleasant Shingle Co New England Wash  
Mt Shasta Pine Mfg Co Mt Shasta Calif  
Mt Vernon Furnace & Mfg Co Mt Vernon Ill  
Mt View Shingle Co Deming Wash  
Mt Whitney Lumber Co 3030 E Washington Blvd Los Angeles Calif  
Muehray & Robinson Lumber Co Eighth & Horn Sts Cincinnati O  
Mower Lumber Co Charleston 28 W Va  
Muehray Perite Froeng Inc Ft Worth 3 Tex  
Mueller Bros Co Rigin & Charles Sts Fort Bureau Mich  
Mueller Co Decatur Ill  
Mueller (L J) Furnace Co 2005 W Oklahoma St Milwaukee 15 Wis  
Mulkey (Sam) Co 1621 Locust Kansas City 8 Mo  
Mull Machinery Co Inc 245 Whitman Ave Meteorin N J  
Mulline Lumber Co Mullins S C  
Mullins Mfg Corp Salem O  
Mullins Display Fixture Co 911-21 N 10th St St Louis Mo  
Multiple Machinery Corp 1430 Fremont St Elmore O  
Multi-Products Inc 1920 S Western Chicago Ill  
Munsham Lumber & Box Sales Co 4234 SW Macadam Portland Ore  
Munster Gear Co Muncie Ind  
Munster Iron Inc Castle Island Terminal 6 Boston Mass  
Munroe (B) & Sons Mfg Corp Smallman at 23rd St Pittsburgh 22 Pa  
Munroe Co Inc 572 Richmond Terrace Staten Island N Y  
Munroe Mfg & Supply Co 425 Plum St Cincinnati O  
Murphy Door Box Co 19 W 44th St New York N Y  
Murphy Paint Div International Corp Wooner O  
Murphy (Thomas D) Co Red Oak Ia  
Murray-Baldwin Co Springfield O  
Murray Corp America 1908 S Washington St Scranton Pa  
Murray (D J) Mfg Co 104 Muncy Blvd Wauson Wis  
Murray Electric Heating N Y  
Murray Tile Co Inc Cleveport Ky  
Murray Venetian Blind Corp Brooklyn 30 N Y  
Murray-White Machine Co Inc Robinson Pt Newburgh N Y  
Muskegon Clay Prods Co Muskegon Okla  
Musson & Shafer Inc 15 E Third St Cincinnati 2 O  
Muschler Bros Nappanone Ind  
Mutual Fire Columns Co Taylor Way & Lincoln Ave Tacoma Wash  
Mutual Plywood Corp Eureka Calif  
Myer (F E) & Bro Co 110 Orange St Ashland O

**N**

Nabers (W C) Co Mansfield La  
Nappanee Lumber & Mfg Co Nappanee Ind  
Nassau Wood Prods Inc New York 16 N Y  
Nashotah Moulding & Mfg Co Nashotah Wis  
Nashway Mfg Co Lincoln Neb  
Natorn Taunton Mass  
National Adequate Wiring Bureau National Electrical Mfrs Association 155 E 44th St New York N Y  
National Adhesive Div National Research Prods Inc 268 Madison Ave New York 17 N Y  
National Advertising Co Waukesha Wis  
National Ailroll Burner Co 1246 E Sedgley Ave Philadelphia Pa  
National Air Sander Inc 821 Kiewitwauke Rockford Ill  
National Aluminum Co Inc Racine Wis  
National Aluminum Prods Co Canton O  
National Appliance Co 4814 W Verlor Hwy Detroit 9 Mich  
National Asbestos Mfg Co Jersey City N J  
National American Structural Metal Mfrs 209 Cedar Ave Washington 12 D C  
National Brum Co 1609 Madison Ave SE Grand Rapids Mich  
National Brick Block Co St Paul 1 Minn  
National Brush Co Porter St Aurora Ill  
National Building Granite Quarries Association Inc 114 E 40th St New York 16 N Y  
National Carbon Co 30 E 42nd St New York N Y  
National Cast Corp Pasadena 1 Calif  
National Chemical Sales 601 W 80th St Chicago 20 Ill  
National Cash Register Co Dayton 9 O  
National Chemical & Mfg Co 3617 S Mxy St Chicago 9 Ill  
National Clay Pipe Mfrs Inc 100 N LaSalle St Chicago 2 Ill  
National Clay Association 804 Benthorn Bldg Washington D C  
National Concrete Masonry Assn 94 S Dearborn Chicago Ill  
National Cotton Council Box 19 Memphis Tenn

National Crayon Co. Barton Pa.  
National Die Casting Co. Touhy Ave at Lawrence St. Chicago III  
National Electrical Wire Assn. 135 E 44th St. New York 17 N Y  
National Electric Prods. Corp. Chamber of Commerce Bldg. Pittsburgh 23 Pa.  
National Enameling & Stamping Co. 270 N 12th St. Milwaukee Wis.  
National Fireproofing Co. 202 E Ohio St. Pittsburgh 13 Pa.  
National Gas Ept. Co. Inc. Torrell Tech.  
National Guard Prods. Inc. 340 Jackson Ave. Memphis 7 Tenn.  
National Gypsum Co. 325 Delaware Ave. Buffalo 2 N Y.  
National Hardware Co. 86-30 103rd Ave. Woodburn N Y.  
National Home Corp. Rypas Rd. Lafayette Ind.  
National Kalamco Co. Inc. 420 Lexington Ave. Brooklyn 21 N Y.  
National Lead Co. 111 Broadway. New York N Y.  
National Life Insurance Co. Westfield Vt.  
National Lightning Protection Co. 2340 Eugenie St. St. Louis Mo.  
National Lime & Stone Co. Findlay O.  
National Lock Co. 1502 7th St. Rockford Ill.  
National Lock Washer Co. 65 Johnson St. Newark 5 N J.  
National Mfg. Co. Sterling Ill.  
National Mfg. Corp. 3743 Flanagan St. Tonawanda N Y.  
National Mfg. & Stamping Co. Des Moines Ia.  
National Metal-Art Mfg. Co. 1900 8th Ave. Brooklyn 15 N Y.  
National Metal Products Co. 223 Central Ave. Jacksonville Fla.  
National Metal Prods. Co. Chateau & Clawson Bldg. Pittsburgh Pa.  
National Mineral Wool Association. 1370 Sixth Ave. New York 20 N Y.  
National Mirror Wks. 1925 Kishwaukee St. Rockford Ill.  
National Mortar & Supply Co. 1st National Bank Bldg. Pittsburgh Pa.  
National Oak Flooring Mfrs. Association. Starbuck Bldg. Memphis 3 Tenn.  
National Paint, Varnish & Lacquer Association. 1500 Rhode Island Ave. Washington D. C.  
National Plan Service Inc. 1315 W Congress St. Chicago III.  
National Plywood Co. 2710 Thrupp St. Chicago Ill.  
National Pops & Treating Div. Minnesota & Ontario Paper Co. 500 Baker Arcade Bldg. Minneapolis 2 Minn.  
National Radiator Co. Washington Pa.  
National Rock Well Sales Inc. Rt. 24 at Colvin Lrg. Ind.  
National Rubber Machinery Co. 47 W Exchange. Akron 8 O.  
National Sash Weight Corp. 1711 Wisconsin St. Baltimore Md.  
National Sawdust Co. Inc. 69 N 6th St. Brooklyn 11 N Y.  
National Screw Co. Inc. Suffolk Va.  
National Screen Door Co. Montgomery 3 Ala.  
National Sewing & Mfg. Co. 2446 E 75th St. Cleveland O.  
National Sewing Machine Co. Verona Ill.  
National Sheet Metal Co. Peru Ill.  
National Sprinkler Co. Los Angeles 35 Calif.  
National Stamping & Electric Wks. 3250 W Lake St. Chicago III.  
National System Garage Ventilation. 330 N Church St. Decatur Ill.  
National Tile Co. Anderson Ind.  
National Tile & Mfg. Co. Anderson Ind.  
National Tool & Die Co. Louisville 1 Ky.  
National Tube Co. Frick Bldg. Pittsburgh Pa.  
National Ventilation Blind Co. 1770 N Sichel. Los Angeles 31 Calif.  
National Ventilated Airing Co. 605 Hall St. Dallas 1 Tex.  
National Warm Air Heating & Air Conditioning Association. 145 Public Bldg. Cleveland 14 O.  
National Woodwork Mfrs. Association. 332 S Michigan Ave. Chicago 2 Ill.  
Natlwide House Plan Service. Providence R I.  
Natrapien Inc. Minneapolis Minn.  
Naval Stores Div. Golden Co. Jacksonville Fla.  
Neal Lumber & Mfg. Co. Bloomington Pa.  
Nebraska Brick Supply & Lumber Co. 40th & Leavenworth St. Omaha 3 Neb.  
Neel & Fry Co. London O.  
Neils (J. F.) Mfg. Co. Liberty Mo.  
Nelson (B. F.) Lumber Co. 401 NE Main St. Minneapolis 13 Minn.  
Nelson-Harkins Industries. 2023 N Dames. Chicago III.  
Nelson (Herman) Corp. 1824 Third Ave. Moline Ill.  
Nelson (S. P.) Iron Wks. Inc. 917 Bloomfield Ave. Clifton N J.  
Neo-Ray Prods. Inc. 312-323 E 22nd St. New York 10 N Y.  
Neoprene Meter Co. 50 W 40th St. New York 20 N Y.  
Nesbitt (John J.) Inc. Stratford 6 Pa.  
Neville Lumber Co. Land Ala.  
Newellton Timber Co. Box 3305. Seattle 14 Wash.  
Newark Boiler Regulator Co. Inc. 15 Ward St. Bloomfield 4 J.  
Newark Brush Co. 255 Michigan Ave. Kenilworth N J.  
Newark Ladder & Bracket Co. Inc. Rahway N J.  
Newark Steel Prod. Co. 18 Park Ave. West Orange N J.  
Newark Wire Cloth Co. 361 Verona Ave. Newark 4 N J.  
New Bedford Cordage Co. 235 Broadway. New York N Y.  
Newberg Shingle. Lacomh Wash.  
New Bethelium Tile Co. New Bethelium Pa.  
Newell Industries Inc. 300 W 56th St. New York 10 N Y.  
New Castle Prods. Co. New Castle Ind.  
Newell Mfg. Co. Lowell Mich.  
Newellton Hardware Co. Newellton La.  
New England Brick Co. 23 Boston St. Boston 8 Mass.  
New England Carbody Tool Co. Inc. Auburn & Brookline Bts. Cambridge 39 Mass.  
New England Mfg. & Supply Corp. 42 Church St. New Haven Conn.  
New England Tank & Tower Co. 99 Tilton St. Everett Mass.  
New England Wooden Ware Corp. Winchendon Mass.  
New Era Ept. Co. Trenton N J.  
New Grand Ronde Lumber Co. Williams Ore.  
Newhall Chain Forge & Iron Co. 48-50 W Broadway. New York 7 N Y.  
New Holland Metals Co. Mountville Pa.  
Newman Bros. Inc. 150 Fourth St. Cincinnati 3 O.  
Newman (Rudolph) Lithographing Co. 400 S Jefferson. Chicago Ill.  
Newman Machine Co. Franklin Bldg. Jefferson N C.  
New Mexico Clay Prods. Co. Albuquerque N Mex.  
New Mexico Timber Co. Albuquerque N Mex.  
New Monarch Shingles & Stamping Co. 406 SW Ninth St. Des Moines 5 Ia.

New Orleans Boating & Metal Co. Cortes & Orleans. New Orleans La.  
Newport Industries Inc. 1605 New York Central Bldg. New York 17 N Y.  
Newport Steel Corp. 9th & Lowell Sts. Newport Ky.  
New York Bldg. Co. 353 2nd Ave. New York 10 N Y.  
New York Drop Cloth Mfg. Co. Inc. 10-57 Jackson Ave. Long Island City N Y.  
New York Empire State Bldg. New York 1 N Y.  
New York Standard Blackboard Co. Inc. 144 W 131st St. New York 11 N Y.  
New York Wire Cloth Co. 445 Park Ave. New York N Y.  
New York Wire Cloth Co. 445 Park Ave. New York N Y.  
New York Wire Cloth Co. 445 Park Ave. New York N Y.  
Niagara Fibrowind Inc. 1234 Broadway. Buffalo N Y.  
Nichols & Co. Lumber Co. Grand Rapids Mich.  
Nicholson & Co. 161 First St. Cambridge 41 Mass.  
Nicholson File Co. 65 Acorn St. Providence 1 R I.  
Nichols Wire & Aluminum Co. 1723 Washington Rd. Bannockburn Ill.  
Nicker Bros. Inc. Memphis Tenn.  
Nicolay Fibrowind Corp. Garfield Ore.  
Nineteen Hundred Corp. St. Joseph Mich.  
Nixallite Co. of America. 1255 W 3rd St. Sausport Ia.  
Nobilit-Spauls Industries Inc. Columbus Ind.  
Nolan Co. Bowerton O.  
Noma Electric Co. 55 W 13th St. New York 11 N Y.  
Norfolk Co. 180 W Alameda Ave. Searock Calif.  
Northing Mfg. Co. Chase & Oklahoma Aves. Milwaukee 7 Wis.  
Norge Div. Borg-Warner Corp. Appliance Division. Midt. Mart. Norwalk Conn.  
Norge Heat Div. Borg-Warner Corp. 670 E Woodbridge Ave. Detroit 26 Mich.  
North Carolina Brick Co. 1150 Chesapeake. Columbus 12 O.  
North Bros. Inc. Dan St. Bohannon Ill.  
North American Cement Corp. 41 E 42nd St. New York 17 N Y.  
North Branch Slate Co. Ranger Pa.  
North Branch Flooring Co. 2415 W Barry Ave. Chicago Ill.  
North Bros. Mfg. Co. Div. Stacey Tools. 228 Lehigh Ave. Philadelphia 1 Pa.  
North Carolina Granite Corp. Smith & Hale Sts. Mount Airy N C.  
Northern Conveyor Co. Western Ave. Janesville Wis.  
Northern Forestry Prods. Inc. Malone N Y.  
Northern Hardwood Veneers Inc. Butternut Wis.  
Northern Indiana Lumber Co. Mishawaka Ind.  
Northern Ohio Co. Parkin Ark.  
Northern Redwood Lumber Co. Korbel Calif.  
Northern Rubber Prods. Inc. Minneapolis 1 Minn.  
Northern Sash & Door Co. Hawkins Wis.  
Northern Wood Prods. Co. 2100 Penobscot Bldg. Detroit Mich.  
Northwest Plywood Co. 410 Terry Ave. N Seattle 9 Wash.  
Northwest Cedar Prod. Ldg. Foot of Kerr Rd. Vancouver B C Canada.  
Northwest Door Co. Tacoma 1 Wash.  
Northwest Engineering Co. 135 E LaSalle St. Chicago Ill.  
Northwestern Prods. Co. 2731 Spruce St. St. Louis 3 Mo.  
Northwestern Steel & Wire Co. 1927 Griswold. Sterling Ill.  
Northwestern Terra Cotta Corp. 175 Weightman Ave. Chicago 14 Ill.  
Northwest Insulations Co. Spokane Wash.  
Northwest Metal Prods. Co. Inc. 1337 E Mason. Green Bay Wis.  
Northwest Metal Prods. Inc. 55 Spokane St. Seattle 4 Wash.  
Northwest Timber Co. Belleville Ill.  
Norton Co. 1 N Bond St. Worcester 6 Mass.  
Norton Door Closer Co. 2900 N Western Ave. Chicago 18 Ill.  
Norwalk Lock Co. Div. Segal Lock & Hardware Co. 387 Broadway. New York 13 N Y.  
Nourse Oil Co. Clinton & Friesa Tracks. Kansas City Mo.  
Nourse (J. B.) Co. Trenton 3 N J.  
Nove Engine Co. Ballantine St. Lansing 5 Mich.  
Nov-Rust Chemical Corp. 2425 E Halsted. Chicago 8 Ill.  
Nov-Wal Co. 12330 Auburn. Detroit 12 Mich.  
Nu-Air Chemical Div. Olympic Tool & Mfg. Co. Inc. New York 7 N Y.  
Nu-Bell Plastics Corp. Inc. 2350 N Paulina. Chicago 39 Ill.  
Nu-Exume Corp. 444 N Lake Shore. Chicago 3 N Y.  
Nu-Era Window Co. Bedford Ohio.  
Nurs Co. Inc. Bloomington Ind.  
Nurten Inc. Red Bank & Madison Bts. Cincinnati 27 O.  
Nutting Truck & Carter Co. Inc. 1163 W Division St. Parkersburg W Va.  
Nuttall Mfg. Co. 923 W 19th St. Milwaukee 5 Wis.  
Nu-Way Coupling Co. Los Angeles 4 Calif.  
Nye Tool Co. 4120 W Fullerton. Chicago Ill.

Olympia Veneer Co. Olympia Wash.  
Olympic Glove Co. Inc. 97 Madison Ave. New York 16 N Y.  
Olympic Plywood Co. Shelton Wash.  
Olympic Stained Prod. Co. 1118 Leary Way. Seattle 7 Wash.  
Omaha Plating Co. Omaha Neb.  
Omaha Plywood Co. 1900 Florence Bldg. South Gate Calif.  
Oma (D. W.) & Sons Inc. 43 Boylston Ave. Minneapolis 5 Minn.  
One-Step Window Sales Co. 2109 Third Ave. N. Birmingham 3 Ala.  
One-Step Co. Elkhridge Ind.  
O'Neill (Carl W.) Associates Inc. 190 E Chestnut. Chicago 9 Ill.  
Onsrud Machine Wks. Inc. 3910 W Palmer. Chicago 47 Ill.  
Operado Mfg. Co. 110 N Eleventh St. St. Charles Ill.  
Orangsbury Mfg. Co. Inc. 488 Madison Ave. New York 22 N Y.  
Orange Screen Co. 430 Lexington Ave. New York N Y.  
Orangerie Mfg. Co. 2-20 N Main St. Grangerville Pa.  
Orchard Iron Inc. 214 Stearns Rd. Butherford N J.  
Orchard Mfg. Co. Easton Pa.  
Oregon-American Lumber Corp. Verona Ore.  
Oregon Fibrowind Corp. Oak St. Sweet Home Ore.  
Oregon Ply & Paper Co. Oregonian Bldg. Portland Ore.  
Oregon Trail Lumber Co. Union Ore.  
Oregon-Washington Fibrowind Co. Tacoma Wash.  
Original Endura Co. Guttenberg Ia.  
Ornamental Metal Wks. Paducah Ky.  
Orton Crane & Shovel Co. 608 E Dearborn St. Chicago 5 Ill.  
Osborne (C. H.) & Co. Warren St. Harrison N Y.  
Osborne Mfg. Co. Hamilton. Mayers Bts. Cleveland 14 O.  
Oshkosh Wood Prod. Corp. Oshkosh Wis.  
Osmon Wood Preserving Co. of America Inc. 1437 Bailey Ave. Buffalo 13 N Y.  
Ottis (David) Moulding Corp. Sacramento 3 Calif.  
Ottis Elevator Co. 260 Eleventh Ave. New York 1 N Y.  
Ottawa Mfg. Co. Ottawa Kans.  
Ottawa Fibrowind Co. Fenwick Co. Hartford Conn.  
Ottawa Venetian Blind Co. Div. Tacon Co. 2625 Elm St. Dallas 1 Tex.  
Overhead Door Corp. Rhinels Ave. Tupper Lake N Y.  
Overhead Door Corp. P.M. & Kinsdale St. Hartford City Ind.  
Overmyer-Perman Glass Co. Tulsa Okla.  
Owens Corning Fiberglas Co. 1000 Indiana Ave. South Haven Mich.  
Owens-Illinois Co. 341 Cedar St. Oravation Minn.  
Owen Bucket Co. 5029 Breakwater Ave. Cleveland 2 O.  
Owen (R. C.) Co. Hopkinsville Ky.  
Owenboro Sewer Pipe Co. Owenboro Ky.  
Owen-Corning Fiberglass Corp. Hixson Bldg. Toledo O.  
Owens-Illinois Glass Co. Hixson Bldg. Toledo 1 O.  
Ox-Wall Tool Co. 928 Broadway. New York 10 N Y.  
Oxycylinder Cement Assn. Inc. 1028 Connecticut Ave. Washington 6 D C.  
Ox-Lumber Co. Present Ark.  
Oak Oak Flooring Co. Bismarck Mo.

P

Pascher Aircraft Co. 1009 W Diversy. Chicago Ill.  
Pasch Products Inc. 475 Brannon St. San Francisco 10 Calif.  
Pacific Brass & Hardware Mfg. Co. El Monte Calif.  
Pacific Chemical Co. 6019 District Blvd. Los Angeles 18 Calif.  
Pacific Clay Prods. 306 West Ave. 26. Los Angeles 31 Calif.  
Pacific Lumber Co. 35 E Wacker Dr. Chicago 1 Ill.  
Pacific Mfg. Co. Santa Rosa Calif.  
Pacific Mutual Door Co. Tacoma Bldg. Tacoma Wash.  
Pacific Plywood Corp. Williamsina Ore.  
Pacific Portland Cement Co. 417 Montgomery St. San Francisco 6 Calif.  
Pacific Plywood Corp. Los Angeles 26 Calif.  
Pacific T. Fisher Co. Everett Wash.  
Pacific Veneer & Plywood Corp. Bellingham Wash.  
Pacific Wood Tank Corp. 461 Market St. San Francisco 5 Calif.  
Packard Formetal Corp. 3354 N Crawford. Chicago 41 Ill.  
Pack River Sales Co. Spokane Wash.  
Packwood Shingle Co. Packwood Wash.  
Page Converter Co. El Monte Calif.  
Page Steel & Wire Div. American Chain & Cable Co. Monroevia Pa.  
Paine (Benjamin O.) Millinery Mass.  
Paine Co. 2951 Carroll Ave. Chicago 12 Ill.  
Paine Lumber Co. 73 W Algonia. Oshkosh Wis.  
Painley Prods. Inc. 1770 E Landover. Chicago 16 Ill.  
Palladium Prods. 6127 Cedar Ave. Philadelphia 43 Pa.  
Palmer Engineering Co. San Francisco 1 Calif.  
Palmer Mfg. Co. Bidwell St. & North Ave. Pittsburgh 12 Pa.  
Palmer Machinery Co. 2503 Potters. Jacksonville 1 Fla.  
Palmer Mfg. Co. 2200 W Fillmore. Phoenix Ariz.  
Palmer (Wm.) Lumber Co. Kansas City Kan.  
Pancasila Displays Inc. 1131 W Sheridan. Chicago Ill.  
Pancil Windows Inc. Winchester Ave. Martinsburg W Va.  
Panchardo American Stores. Annapolis Tex.  
Pape Machine Co. 30 W Main. Bismarck N Y.  
Pape Machine Co. Minneapolis 15 Minn.  
Paragon Electric Co. 1604 12th St. Two Rivers Wis.  
Paragon Utilities Corp. 50 Van Dam St. Brooklyn N Y.  
Paragon Ept. Co. Tulsa Okla.  
Paragon Ept. Co. Inc. 98 Bleeker. New York N Y.  
Paritan Novelty Co. 3510 E Western Ave. Chicago 9 Ill.  
Parris Mfg. Co. 5 Paris Mo.  
Parris (Chas.) Co. 412 Jordan St. Meriden Conn.  
Parke & Griffith Lumber Co. Jonesville Va.  
Parke (Ira) & Sons Oshkosh Wis.  
Parke-Kalon Corp. 194 Madison Ave. New York 14 N Y.  
Parke Mfg. Co. 150 Washington St. Worcester Mass.  
Parke Rust-Proof Co. 2177 E Milwaukee Ave. Detroit 11 Mich.  
Parke (S.) Hardware Mfg. Co. 27 Ludlow St. New York 2 N Y.  
Parke & Strawn Johnson Vt.  
Park Woodworking Machine Co. 1524 Knowlton St. Cincinnati 23 O.  
Parkwood Co. 33 Water St. Wakefield Mass.  
Parky Ltd. 5394 Alhambra Ave. Los Angeles 32 Calif.  
Parrell Lumber Co. Pine Hill Ala.  
Parsons Bros. Inc. Penn. Argy. Pa.  
Paw & Serrano Inc. South Station. Syracuse 9 N Y.  
Patch (A. B.) Inc. Clarksville Tenn.  
Patent Cereals Co. 35 Mellon Geneva N Y.  
Patent Novelty Co. Inc. Fulton St. Chicago Ill.  
Patent Sealing Co. Inc. 38-23 12th St. Long Island 22 N Y.  
Paterson-McIntosh Lumber Co. Gulf Hammock Fla.

Patterson-Sargent Co 1325 E 38th St Cleveland 14 O  
Patton Clay Mfg Co Patton Pa  
Paxon (Frank) Lumber Co Kansas City Kans  
Paxon Furnace Co 801 Canal Oaks Dr Moorville Calif  
P & C Hand Power Tool Co Portland 2 Ore  
Pearl City Plywood Co Inc 1 Elm St Jamestown N Y  
Pearson Hardware Flooring Co Oostida Tenn  
Pearson (O) Mfg Co 2 R Lake Villa Ill  
Pease Woodwork Co Blue Rock & Thurlill Sts Cincinnati 23 O  
Peasele-Gaultbert Paint & Varnish Co Inc 223 N 15th St Louisville Ky  
Peavy Mfg Co Oakland Mo  
Peavy-Wilson Lumber Co Shreveport La  
Peck Stone & Lumber Co Mill St Southington Conn  
Peora Paint Co Inc 3551 N Fourth St Philadelphia 40 Pa  
Peora Co Inc 42 Stewart Ave Brooklyn 6 N Y  
Peoria Cement Co Free Press Bldg Detroit 26 Mich  
Peoria Chain Co Levee Park Winona Minn  
Peoria Electric Co 1500 N Market St Warren O  
Peoria Glass Co 600 Elliott St Grand Haven Mich  
Peoria Level & Tool Co Sterling Ill  
Peoria Mfg Co 1400 W Grimes St Lombard 10 Ky  
Peoria Novelty Co Grand Haven Mich  
Peoria Steel Expt Co 38 E Dearborn Chicago Ill  
Peoria Wire Goods Co Inc 2710 Perry St Lafayette Ind  
Pelouze Mfg Co 1218 Chicago Ave Evanston Ill  
Penberly Injector Co 1242 Holden Ave Detroit 2 Mich  
Peniston Co Trenton N J  
Pensylvania Plywood Corp Fort Angles Wash  
Penn Boiler & Burner Mfg Corp Fruitville Ed Lancaster Pa  
Penn Cretex Prods Co 20th & Lippincott Sts Philadelphia 32 Pa  
Penn Electric Switch Co Goshen Ind  
Penn-Greg Mfg Co Minneapolis 3 Minn  
Penn Hardware Co Spruce St Reading Pa  
Penn Metal Co Inc 70 Gordon St Newark 9 Mass  
Penn Supply & Metal Corp 1825-43 N Fifth St Philadelphia 22 Pa  
Pennsylvania-Dixie Cement Corp 60 E 42nd St New York 17 N Y  
Pennsylvania Illuminating Corp Scranton Pa  
Pennsylvania Salt Mfg Co 49 Los Whitehawk Philadelphia 7 Pa  
Pennsylvania Saw Corp York Pa  
Pennsylvania Wire Glass Co 1612 Market St Philadelphia 3 Pa  
Pennwood Inc 70 E 45th St New York 17 N Y  
Pena Prods Co Chehalis Wash  
Pena Brick & Tile Co Inc III  
Pena Ironing Board & Specialty Co Ferrara Ill  
Pena Metal Specialty Co Ferrara Ill  
Pena Wire Cloth Co Inc Hart St Newark Conn  
Perfection Steel Body Co Galton O  
Perfection Stone Device Co 657 E 71st St Chicago 10 Ill  
Perfection Stone Co 7409 Platt Ave Cleveland 4 O  
Perfec Corp 475 W Oklahoma Ave Milwaukee 7 Wis  
Perkins Glue Co 852 Canal Ave Landale Pa  
Perlite Institute 1000 11th St New York N Y  
Perlite Mfg Co Carnegie Pa  
Permacrete Prods Corp Columbus O  
Perma-Jack Corp 113 E 29th St Cleveland 17 O  
Perma-Steel Co 7007 Morgan Ave Cleveland 4 O  
Perma-Steel Corp Detroit Mich  
Perma-Stone Co 719 E Hudson St Columbus 11 O  
Perma-Top Co 410 Shadyhill Bld Pittsburgh 5 Pa  
Permutit Inc 330 W 42nd St New York 18 N Y  
Perrotte Prods Bannockburn Ill  
Perrotte Prods Box Co Newark 5 N J  
Preshaltin Lumber & Box Co Preshaltin Wash  
Petahuma Electric Incubator Co Petahuma Calif  
Petrie Lant & Sons 1804 N Front St Philadelphia 7 Pa  
Peterson Window Corp 1381 E 8-Mile Bld Detroit 34 Mich  
Petrie Shingle Co Chehalis Wash  
Petroleum Heat & Power Co Springfield Ave Stamford Conn  
Peterson (J) Co 3167 W Mission Rd Alhambra Calif  
Petroleum Millinery Co 477 W Division Chicago 51 Ill  
Phelan-Paint Paint Mfg Co 932 Longshoreman Ave St Louis Mo  
Phelps Power & Light Co Rock Island Ill  
Phenix Mfg Co 4129 N Port Washington Rd Milwaukee 21 Wis  
Phenyl Mfg Co 5700 W Roosevelt Chicago 50 Ill  
Philadelphia Hardware & Malleable Iron Wm N State Rd & Emig St Philadelphia Pa  
Philo Corp "Tiga" & "C" Sts Philadelphia 34 Pa  
Phillippe Mahogany Mfrs Import Assoc 11 W 74th St Los Angeles 14 Calif  
Phillips Petroleum Co Bartlesville Okla  
Phillips-Rhyne Lumber Co Inc Brookhaven Miss  
Phoenix Caster Co Inc Middletown Ed Hamilton O  
Phoenix Hardware Mfg Co Perry & Illinois Sts Buffalo N Y  
Phoenix Lock Co 327 3rd Ave Newark 7 N J  
Phoenix Mfg Co Joliet Ill  
Phoenix Shingle Co Seattle Wash  
Phono Craft Co Vandal Bldg Vandewater & Olive St Louis 10 Mo  
Pickel Lumber Corp Standard Calif  
Pickett & Ebel Inc 5 E Washburn Chicago 4 Ill  
Pierce Machine & Mfg Co Piquette O  
Pierce (M) H Lumber Co Portland Ala  
Pierce & Stevens Inc 110 Ohio St Buffalo 3 N Y  
Pileco Inc 2006 Clark Bldg Pittsburgh Pa  
Pine Hill Brick Corp 1000 S Main St Pittsburgh 22 Pa  
Pine Logging Co of Calif Fresno Calif  
Pine Lumber Co Montgomery 1 Ala  
Pioneer Co 1001 Central Ave Pittsburgh 22 Pa  
Pioneer Furnace Co Div Pioneer Water Heater Corp 3131 San Fernando Rd Los Angeles 65 Calif  
Pioneer Gen-E-Motor Corp 5541 W Dickens Chicago 30 Ill  
Pioneer Hardware Co New Haven Conn  
Pioneer Tool Co Inc Elmfield N J  
Pioneer Water Heater Corp 3131 San Fernando Rd Los Angeles 41 Calif  
Pittsburgh Corning Corp 307 4th Ave Pittsburgh 22 Pa  
Pittsburgh Glass Tile Co 108 Isabella St Pittsburgh 12 Pa  
Pittsburgh Incinerator Co Beam Wash at Wye Pittsburgh 11 Pa  
Pittsburgh Plastic Tile Co Pittsburgh 19 Pa  
Pittsburgh Plate Glass Co Brush Div 3223 Frederick Ave Baltimore 29 Md  
Pittsburgh Plate Glass Co Grand Bldg Pittsburgh 19 Pa

Pittsburgh Steel Prods Co Box 118 Pittsburgh 30 Pa  
Pittsburgh Water Heater Co 150 Chartiers Ave Pittsburgh Pa  
Placerville Lumber Co Placerville Calif  
Place Div Paisley Prod Inc 718 Washington Ave N Minneapolis Minn  
Plastic Lumber & Supply Co Plainfield N J  
Plant & Griffith Lumber Co Jonesville Va  
Plankton Div Libbey-Owens Ford Glass Co Nicholas Bldg Toledo 4 O  
Plaster Prods Inc 15 Mac Adam Ave Washington Pa  
Plasterboard Wallboard Co 196 Philadelphia Ave Buffalo N Y  
Plastic Prod Co 6475 Georgia Ave Detroit 11 Mich  
Plastic Woven Prods 51 Camden St Paterson N J  
Plastic Joint Co 425 Lakeside Ave Cleveland 13 O  
Plattburg Wallpaper Corp Plattburg N Y  
Plattburgh Industries Fibreclit Co 1800 N Kingsbury Chicago 14 Ill  
Plumbing Specialties Mfg Corp Los Angeles Calif  
Plumbers Woodwork Co Algona Wis  
Plumb (Fayette B) Inc Tacony & Thompson Philadelphia Pa  
Plumly (P W) Lumber Corp Winchester Va  
Plumbert Chemical Co 3500 S Morgan Chicago Ill  
Plumbert-Lumber Co Inc New Rochelle N Y  
Plumwood Industries 171 W Algona St Oshkosh Wis  
Plumyork Corp 6507 N Richmond Portland Ore  
Plymouth Contag Co Inc N Plymouth Mass  
Plymouth Rubber Co Inc 59 Bevers St Canton Mass  
Polychrome Corp 1440 W Willow St Chicago 22 Ill  
Polystyrene Corp 4445 Bellevue Detroit 7 Mich  
Polytechnic Fuel Co Inc 1 Broadway New York N Y  
Polycro Metal Prods Co E Broadwood Pa  
Polystyrene Lumber Co Inc 220 N 11th St Philadelphia 19 Pa  
Painter-Williamette Co Inc 240 N E Green St Portland 14 Ore  
Polar (L D) Mfg Co 3427 W Ogden Chicago 25 Ill  
Pollock Brush Co Kanton Pa  
Polony (S B) Co Inc 25 Bruckner Blvd New York 54 N Y  
Pomona Pump Co Pomona Calif  
Pomona Terra-Cotta Co Pomona N C  
Ponderosa Plywood 38 E Dearborn St Chicago 2 Ill  
Ponzer Varnish Co Pontiac 12 Mich  
Pony Mixer Co West Bend Wis  
Poodal Corp 24-45 Main St Stratford Conn  
Popo 20 California St San Francisco 4 Calif  
Porcelain Metals Corp 1400 E 13th St Louisville 10 Ky  
Porcelain Prods Inc 422 W Randolph St Flint 0 Mich  
Porite Mfg Co 488-94 Belleville Pike N Arlington N J  
Portable Electric Tools Inc 255 W 79th St Chicago 20 Ill  
Portable Elevator Mfg Co Birmingham Ala  
Portable Heater Co 814 Engineers Bldg Cleveland 14 O  
Porter Cable Machine Co 1714 N Solina St Syracuse N Y  
Porter (C) Mfg Co 666-68 Front Ave N W Grand Rapids 4 Mich  
Portland Cement Association 35 W Grand Ave Chicago 10 Ill  
Portland Lumber Mills Pt of N Burlington St Portland 8 Ore  
Portland Stone Foundry Co Portland Me  
Positive Lick Washer Co Newark 5 N J  
Post (Frederick) Co 353 W Lake St Chicago Ill  
Poston Prods Inc 2000 Grand Grove Ill  
Potts-Farrington Co 1254 Chery St Philadelphia 7 Pa  
Poulain & Nardun Inc Soto & Leconte Bldg Los Angeles 11 Calif  
Power Power Tool Co Portland Ore  
Powell (William) Co Drawer & Comb Sts Cincinnati O  
Power Development Co Inc 3721 Denison Ave Cleveland 2 O  
Power Pump Construction Co Sarasota Fla  
Power King Tool Corp 1833 Cleveland St Warsaw Ind  
Power-Lac Co Inc 2820 Buford St Philadelphia 44 Pa  
Powermatic Machine Co Milwaukee 10 Wis  
Power-Pack Conveyors Cleveland 10 O  
Power Regulator Co 2720 Greenview Ave Chicago 14 Ill  
Preble Mfg Co Los Angeles 22 Calif Ill  
Prebracketed Home Mfrs Institute 908 20th St N W Washington D C  
Prefabricated Prods Co Seattle 6 Wash  
Preferential Inc Baltimore Md  
Premier Furnace Co Doravac Mich  
Premier (F W) & Co Adrian Mich  
Prentiss Water Treat Co 6150 Second St Wisconsin Rapids Wis  
Present Co Menominee Mich  
Preparation Patent Co 5410 Airport Way Seattle Wash  
Pressed Steel Co Wilkes-Barre Pa  
Prestite Engineering Co 3900 Chateau St St Louis 10 Mo  
Prestite Glass Corp 8 E 79th St New York 3 N Y  
Prestite Mfg Co 5850 W Ogden Ave Chicago 50 Ill  
Prester (M H) Lumber Co Alamosago N M  
Prester (M H) Lumber Co Durban O  
Price-Veney Foundry Corp Chattanooga Tenn  
Price-Firplace Heater & Tank Corp 5 Austin Pl Buffalo N Y  
Price-Finns Water Proofing Co Poughkeepsie N Y  
Price-Finns Brass Mfg Co 3011 Humbolt St Los Angeles 31 Calif  
Price Prods Inc 10 E 40th St New York N Y  
Prime Mfg Co 1661 S First St Milwaukee Wis  
Prime & Bredie Machinery Co 566 W Park St Chicago 7 Ill  
Printer & Gunble Co Guyana Bldg Cincinnati O  
Products-Fram-Sweden Inc 80 W 86th St New York 3 N Y  
Proprietary Inc LaJolla & Sharp Sts Springfield O  
Prostate Corp Erie Pa  
Protection Prods Mfg Co 2305 Superior St Kalamazoo 99 Mich

Protective Coatings Inc Box 8915 Detroit 27 Mich  
Protective Papers Inc Union Machinery County Ill  
Protective Prods Co 801 W Curran Ave Minneapolis 5 Minn  
Protective Ventilator Co 310 W 92nd St New York N Y  
Pro-Tect-U Jalousie Corp 4535 Penn Do Len Coral Gables  
Protop Corp 73 Market St Kenilworth 3 N J  
Protop Washerstrip Mfg Co 4508 S Western Ave Chicago Ill  
Proto Yolk Co 2309 Santa Fe Los Angeles Calif  
Proyo Lumber & Box Co Warrenton Ore  
Proyo & Co Inc 8 Young & Railroad Ave Peasora Calif  
Pugh Sound Plywood Co 230 E "B" St Tacoma Wash  
Pugh (Joe V) Inc 31st & Lowell Sts Philadelphia Pa  
Pulman Mfg Corp 325 Hollywood Bldg Detroit 7 Mich  
Pulman Window Corp 12950 Linden Ave Detroit 27 Mich  
Pulmon Aggregate Sales Corp 121 S Yale Alabaster 28 N C  
Purdy Brush Co Portland 3 Ore  
Purification Prods Inc 3419 E Broadway N Little Rock Ark  
Purification Paving Brick Co Galveston Ill  
Puritan Chemical Co Pomeroy Baynes Rd Atlanta 3 Ga  
Puritan Concrete Mills 1203 Washington St Louisville Ky  
Puritan Sales Co Atlanta Ga  
Puritan Lumber & Export Co Jacksonville Fla  
Pyle-National Co 1234 N Kostner Chicago 51 Ill  
Pyle-National Co Multi-Vent Div 1334 N Kostner Ave Chicago 51 Ill  
Pyramon Inc 5253 W Armstrong Chicago 30 Ill  
Pyramid Prods Co 2234 S State St Chicago Ill  
Pyrite Mfg Co 840 Belmont Ave Newark 8 N J  
Pyr Clay Prods Co Oak Hill O  
Pyrofax Gas Dis Union Carbide & Carbon Corp 30 E 63rd St New York 17 N Y

Quacker Mfg Co 223 W Erie Chicago Ill  
Quacker Rubber Corp 4915 Conly St Philadelphia 24 Pa  
Quality Materials Co Van Bldg Buffalo 2 N Y  
Quality Shingle Co Edmore Wash  
Queen Incubator Co Lincoln Neb  
Queen Stone Wire Inc Albert Les Minn  
Quiet Automatic Burner Corp 19 Blumfield Ave Newark 4 N J  
Quigley Co Inc 837 Fifth Ave New York 17 N Y  
Quigley (J R) Co Gloucester City N J  
Quincy Lumber Co Inc Quincy Calif  
Quincy Wire Co 79th O  
Quincy Stone Mfg Co Quincy Ill  
Quinn Wire & Iron Wks 1200 Cedar Rd Douze Ia

Radford Co Goshook Wis  
Radford & Sanders Inc 612 W Fruit St Baltimore Md  
Radiant Heater Corp New York N Y  
Radner-Tools Green City Pa  
Rainier Mill Co Rainier Ore  
Rainy Lake Lumber Co Ltd 111 W Washington St Chicago 2 Ill  
Rainbow (W) & Co Inc Box R Old Bridge N J  
Rainey Chain Co Inc 1057 Broadway Albany N Y  
Rainbow Co 112 Killwaid Ave Tonawanda N Y  
Ranalis Shingle Co Ranalis Wash  
Rand-Williams Mfg Co Inc New York 13 N Y  
Ranette Mfg Co 1917 S Broadway St Louis 8 Mo  
Ranney (W J) Lumber Co Harahan La  
Rapid Mfg Co Grand Rapids Mich  
Rapid Machinery Co Marion Ia  
Rapid-Standard Co Inc 335 Brighton Bld Grand Rapids Mich  
Rastetter (Louis) & Sons Co Fort Wayne Ind  
Rauscher Mfg Co Norwich Conn  
Raymond Corp 4248 N Knox Chicago 41 Ill  
Raumenberger (John) Co 432 N Plantation Milwaukee Wis  
Rawlins Co Inc Industrial Div 217 Church St New York 13 N Y  
Raybont-Mannhattan Inc Manhattan Rubber Div 92 Townsend St Passaic 2 N J  
Rayor Mfg Co East River Bld Dixon Ill  
Ray Oil Burner Co 407 Bernal Ave San Francisco 12 Calif  
Raynor Inc Lumber Div Reunion Wash  
Ray-O-Vac Co 212 E Washington Ave Madison 10 Wis  
R-B Company 1919 Quinette Ave Kansas City Mo  
R-C A Rubber Co 1833 E Market St Akron 5 O  
R C S Tool Sales Corp Chastnut Bldg Joliet Ill  
Reading Chain & Block Corp 2100 Adams Rd Reading Pa  
Reading Hardware Co Foot Sixth St Reading Pa  
Reading Prods Co 1707 McHenry St Baltimore 23 Md  
Reard-Made Sign Co Inc 117 North St New York N Y  
Reard-Power Co 3223 Grand River Ave Detroit 8 Mich  
Reardon Co 2200 N Second St St Louis 6 Mo  
Red Cedar Shingle Bureau 8510 White Bldg Seattle 1 Wash  
Red Cross Mfg Co Elmton Ind  
Red River Tools Co St Irvington 11 N J  
Redstone Brick & Tile Co Bedford Ia  
Red Jacket Coal Sales Co 215 E Rich St Columbus O  
Red Jacket Mfg Co Rockingham Bld & Clark St Davenport Ia  
Red River Valley Brick Corp Grand Forks N D  
Red Star Prods Corp Cleveland 13 O  
Red Tiger Prods Inc 20 N Wacker Chicago 6 Ill  
Red Wing Sewer Pipe Corp Red Wing Minn  
Redwood Garden Materials Co Los Angeles 31 Calif  
Redwood Prods Co Hobart Bldg San Francisco Calif  
Redwood Sales Co San Francisco 4 Calif  
Red-Prentice Corp Fred W McIntire Bldg Worcester Mass  
Red & Finer Mfg Co 100 Duncan Ave Worcester 1 Mass  
Red & Co Corp Three Bldg Chicago Ill  
Red-Union-Fans Inc 1001 N Charle Ave New Orleans 8 La  
Reese Radlock Co 156 Sherman St Lancaster Pa  
Reems (Harum E) 2220 S Grand Ave Los Angeles Calif  
Reeves Steel & Mfg Co 6 Iron Ave Dove O  
Refrigerator Co 411 E Tenth St New York 30 N Y  
Refrigerator Co 224 S Western Ave Chicago 8 Ill  
Refrigerator Co of America Perth Amboy N J  
Reid-Way Inc 2825 First Ave Cedar Rapids Ia

**Reilly Tar & Chemical Corp** 1600 Merchants Bank Bldg Indianapolis Ind  
**Reliable Locations** a Brooker Co Quincy Ill  
**Reliable Gas** Co Dayton O  
**Reliable Paste & Chemical Co** 3540 S Shields Chicago Ill  
**Reliance Steel Prod Co** 4000 Walnut St McKeesport Pa  
**Remington Band Inc Systems Div** 315 Fourth Ave New York N Y  
**Reno Press Brick Co** Reno Nev  
**Rex Motors Inc** 1331 S Washington St Lansing 20 Mich  
**Repsel Brass Mfg Co** 2109 E 27th St Los Angeles Calif  
**Republic Brass Co** 1295 E 43rd St Cleveland O  
**Republic Crocking Co** 11 S Meridian St Indianapolis 4 Ind  
**Republic Flow Meters Co** 2240 W Diversey Chicago Ill  
**Republic Hardware & Distributing Corp** Indianapolis 4 Ind  
**Republic Heater Corp** 2231 Randolph St Huntington Park Calif  
**Republic Rubber Div** Lee Rubber & Tire Corp Youngstown 1 O  
**Republic Steel Co** 1750 Army St San Francisco Calif  
**Republic Steel Corp** Republic Bldg Cleveland 1 O  
**Research Prods Co** 1015 E Washington Ave Madison 10 Wis  
**Reston Prods & Chemical Co** 712 Locust Philadelphia Pa  
**Revere Copper & Brass Inc** 230 Park Ave New York 17 N Y  
**Revolator Co** 8704 Tonnelle Ave North Beren N J  
**Revolator Corp** 1220 E Stannus Ave Los Angeles 11 Calif  
**Reynolds Bros Lumber Co** Albany Ga  
**Reynolds-Gammill Lumber Co Inc** El Dorado Ark  
**Rhymold & Manley Co** 1235 E 43rd St Cleveland O  
**Rhymold Metals Co** Building Prods Div 2001 S Ninth St Louisville Ky  
**Rhymold Wire Co** 85 Crawford Ave Dixon Ill  
**Rhymold Mfg Co** Thomas St Merret Pa  
**Rhymold (J. Thomas)** Detroit Mich  
**Rhymold Mfg Co** 570 Lexington Ave New York 23 N Y  
**Rhodes (James B) & Co** 157 Hubbard St Chicago 10 Ill  
**Richards Brick Co** Cleveland-ville Ill  
**Richards-Wilcox Co** 174 Third St Aurora Ill  
**Rich (Howard R)** Carrollton Ky  
**Richcraft Co** 228 N LaSalle St Chicago 1 Ill  
**Rich Ladder & Mfg Co** Highland Ave & Lester Bld Cincinnati O  
**Richland Shale Products Co** Columbia S C  
**Richmond Cedar Wall Co** 1200 N Norfolk Va  
**Richmond Engineering Co** Seventh & Hospital Sts Richmond Va  
**Richmond Fibreford Door Co** Box 324 Richmond Ind  
**Richmond Radiator Co** 19 E 47th St New York 17 N Y  
**Richmond Seer Anchor Co** 816 Liberty Ave Brooklyn 8 N Y  
**Richmond Mineral Coal Wks** 229 E Wisconsin Ave Milwaukee 2 Wis  
**Rich-Wall Co** 1053 Union Commerce Bldg Cleveland O  
**Ridgely Trimmer Co** Springfield Ill  
**Ridge Tool Co** Elryn O  
**Riggs (S) & Sons** Omaha Neb  
**Rimmer Vent Brick Co** 125 E 78th St New York 21 N Y  
**Riggs-Buttram Lumber Co** Athens Tenn  
**Rigidized Metals Corp** 666 Ohio St Buffalo 3 N Y  
**Riley Laminated Prods Inc** First National Bank Bldg St Paul 1 Minn  
**Rittenhouse Co Inc** Earl St Honesdale Pa N Y  
**Ritting Corp** 1292 Niagara St Buffalo N Y  
**Riverside Shingle Mills Ltd** New Westminster B C Can  
**Riverton Lime & Stone Co Inc** Riverton Va  
**Rison (Oscar C) Co** 1450 Carroll Ave Chicago 25 Ill  
**Risch & Messer Mfg Co** Monroeville Pa  
**Risnone Webster Brick Co Inc** Rosnoke Va  
**Robbins & Burke Inc** Cambridge Mass  
**Robbins Flooring Co** Reed Cliff Mich  
**Robbins Lighting Protection Co** Maryville Mo  
**Robbins Mfg Co** 1815 N Central Park Chicago 47 Ill  
**Robbins & Myers Inc** 4712 Springfield 98 O  
**Robbins Tire & Rubber Co** Tusculum Ala  
**Robertsaw-Puller Controls Co** Robertsaw Thermostat Div Youngwood Pa  
**Roberts & Mander Corp** 237 Jacksonville Rd Hathors Va  
**Roberts (A) & Son Inc** Birmingham N Y  
**Robertson & Hackett Serrmill Co** Vancouver B C Canada  
**Robertson Mfg Co** Trenton 5 N J  
**Robson Cutlery Co Inc** 3646 Case St Perry N Y  
**Robinson (Clay Prod Co Second Nat'l) Bank Bldg** Akron 9 O  
**Robinson Insulation Co** Great Falls Mont  
**Robinson Mfg Co** Everett Wash  
**Robinson & Sons Sewer Pipe Co** Union Commerce Bldg Cleveland O  
**Robinson Ventilating Co** Zelenople Pa  
**Robt Appliances Inc** 13165 Prospect Ave Detroit Mich  
**Robson Prods Co** Van Wert O  
**Rockford Bolt & Steel Co** 124 Mill St Rockford Ill  
**Rockford Brass Works** Rockford Ill  
**Rockford Brick & Tile Co** Rockford Ia  
**Rockford Miter Box Co** Rockford Ill  
**Rockford Paint Mfg Co** N Madison St at Market St Rockford Ill  
**Rockford Sash Holder Inc** 203 S Main St Rockford Ill  
**Rockford Screen Prods Co** 2501 9th St Rockford Ill  
**Rockford Wire Stripper Co** Cutter Bldg Rockford Ill  
**Rock Island Lumber Co** Rock Island Ill  
**Rock Island Mill Co** 2255 Fourth Ave Rock Island Ill  
**Rock Island Sash & Door Co** Rock Island Ill  
**Rockwell Mfg Co Power Tool Div** 600 E Wisconsin Milwaukee 1 Wis  
**Rockwell Sales Corp** 20 N Wacker Dr Chicago Ill  
**Rockwood Mfg Co** 1761 English Ave Indianapolis 6 Ind  
**Rockwood Sprinkler Co** 50 Harlow St Worcester 5 Mass  
**Rocky Mount Cord Co** Rocky Mount N Carolina  
**Rock-Wood Flooring Inc** 364 E 23rd St Chicago 16 Ill  
**Roddis Plywood Corp** Warfield Wis  
**Roebbing (John A) Sons Co** Broad & Neron Sts Trenton N J  
**Roe (Justin) & Sons** Roe Ct Pathegoe L I N Y  
**Roeber Bros** Fort Angeles Wash  
**Rogers Insulating & Glass Co** Gloucester Mass  
**Rogers Paint Prod Inc** 8250 St Aubin Ave Detroit 11 Mich  
**Rogers Lumber Sales Co** Medford N Carolina  
**Rohlf & Co** 818 N Western Ave Los Angeles 27 Calif  
**Roll-A-Way Conveyor Co** 713 S Kolmar Chicago 24 Ill  
**Roll-A-Way Corp** 2954 S Sheffield Ave Chicago 14 Ill  
**Roll-A-Way Sprinkler Co** San Antonio Tex  
**Roll-In Inc** 1348 Kings Highway Fairfield Conn

**Rolover Co** Peila Ia  
**Rome-Turvey Radiator Co** Rome N Y  
**Ron-Del Inc** 1924 Reserve Loan Life Bldg Dallas Tex  
**Rort Structures Inc** 45 W 45th St New York N Y  
**Roper (George D) Corp** Blackhawk Ave Rockford Ill  
**Rosburg Shingle Co** Cleveland 12 O  
**Rosbor Lumber Co** Springfield Ore  
**Rosburg Lumber Co** Rosburg Ore  
**Rosburg Shingle Co** Rosburg Ore  
**Ross (D M) & Co** Knoxville 4 Tenn  
**Ross Carrier Co** 331 Miller Harbor Detroit Harbor Mich  
**Ross Chemical & Mfg Co** 849 Delville Detroit 17 Mich  
**Ross Equipment Co** Springfield O  
**Ross Sprinkler Co** Pasadena Calif  
**Rotary Clothes Dryer Co** 840 Lawrence St Allentown Pa  
**Rotary Lift Co** 1076 Kentucky St Memphis 2 Tenn  
**Rotonome Products Co Inc** East Orange N J  
**Round Oak Co** Dowagiac Mich  
**Rover (Henry) Mfg Co** Newaygo Mich  
**Rove Mfg Co** Galesburg Ill  
**Rove Shingle Co** Grayland Wash  
**Rox River Lumber Co** Portland 3 Ore  
**R O W Sales Co** 1365 Academy Royal Oak 3 Mich  
**Rudolph Building Prod Co** 2916 White Plains Bld New York 47 N Y  
**Royal Electric Co Inc** Pawtucket B I  
**Royal Glass Wks Corp** 50-20 25th St Long Island City 1 N Y  
**Royal Electric Inc** 1024 Westminster St Alhambra Calif  
**Royalmaid Kitchen Corp** 170 N Teuth St Brooklyn 11 N Y  
**Royal Mfg Co** 1000 W 12th St Kansas City Mo  
**Royal Oak Industries Inc** Grand Haven 1 Mich  
**R & B Shingle Mfg Co** Cottage Grove Ore  
**Rubber Div** Great American Industries Inc 230 Park Ave New York N Y  
**Rubberton Co** 58 Ferry St Newark 5 N J  
**Rubert Co** 300 Fifth Ave New York 18 N Y  
**Rudger-Lang Co** 8th & Carleton St Berkeley 10 Calif  
**Rudy Furnace Co** Dowagiac Mich  
**Rugg Mfg Co** Greenfield Mass  
**Rugg Lumber Co** Hawkinsville Ga  
**Russell Burdinal & Ward Bolt & Nut Co** 100 Midland Ave Fort Chester N Y  
**Russell & Erwin Mfg Div** American Hardware Corp 102 Washington New Britain Conn  
**Russell (F C) Co** Union Commerce Bldg Anaxx Cleveland 1 O  
**Russell & Fugh Lumber Co** Springfield Ind  
**Rustic Traffic Co Inc** New York N Y  
**Rustic Furniture Co Inc** Wilmington N J  
**Rustic Hickory Furniture Co** LaPorte Ind  
**Rusticle Co** 3125 Perkins Ave Cleveland 14 O  
**Rustium Corp** 2425 Oakton St Brandon Ill  
**Rutener Electric Co Inc** Marion Ind  
**Rutland Fire Clay Co** Rutland Vt  
**Rutland Mfg Co** 1447 Park St Ensenville Calif  
**Rund Mfg Co** 2934 Smallman Pittsburgh Pa  
**Rybolt Heater Co** Ashland O  
**Ryan (Joseph T) & Son** 2558 W 16th St Chicago 8 Ill  
**Rylock Co Ltd** San Leandro Calif

**S**

**Sabine Lumber Co** St Louis 1 Mo  
**Sabine Lumber Co** Trinity Tex  
**Sabin Machine Co** 6540 E Carnegie Ave Cleveland 3 O  
**Sackett (H B) Screen & Chute Co** 1691 N Elston Chicago 11 Ill  
**Saco-Lowell Shops** 60 Battery Road Boston Mass  
**Saco Lumber Co Inc** Saco Me  
**Sacramento Brick & Lbr Co** Sacramento 6 Calif  
**Sacramento Brick Co** Sacramento Calif  
**Safe Padlock & Hardware Co** Lancaster Pa  
**Safeway Glass Co** 4712 Springfield Ave Philadelphia 44 Pa  
**Safe Trud Co Inc** 28 Vesey St New York N Y  
**Safety Electric Co** 53 W Jackson Bld Chicago Ill  
**Safety Equipment Service Co** Cleveland O  
**Safety Fire Extinguisher Co** 299 Seventh Ave New York N Y  
**Saf-N-Eze Hanger Co** Omaha Neb  
**Safway Steel Prods Inc** 6228 W State St Milwaukee Wis  
**Sager-Barrows Lock Works** Berrien Spring Mich  
**Saginaw Shingle Co** Aberdeen Wash  
**Saginaw Stamping & Tool Co** Saginaw Mich  
**St Charles Brick & Tile Co** St Anne Ill  
**St Charles Mfg Co** St Charles Ill  
**St Elmo Housing Corp** St Elmo Ill  
**St Joe Lumber & Export Co** Port St Joe Pa  
**St Louis Blow Pipe & Heater Co Inc** 2000 N 9th St St Louis Mo  
**St Louis Cordage Mills** 11th & Lafayette Sts St Louis Mo  
**St Louis Fire Door Co** 400 Withers Ave St Louis 7 Mo  
**St Louis Rubber Cement Co Inc** 3948 W Pine Blvd St Louis Mo  
**St Louis Screw & Bolt Co** Broadway & Keber Ave St Louis 15 Mo  
**St Louis Surfact & Paint Co** 4210 Arlington Ave St Louis 20 Mo  
**St Louis Terminal Warehouse Co** St Louis Mo  
**St Maries Lumber Co** St Maries Id  
**St Mary's Clay Prods Co** St Mary's Pa  
**St Paul Corrugating Co** 5 End Wabasha St Bridge St Paul 1 Minn  
**St Paul Foundry & Mfg Co** Como Ave at Ryan St St Paul 3 Minn  
**St Paul Hydraulic Hoist Div** Gar Wood Industries Inc 2207 University Ave SE Minneapolis 14 Minn  
**St Paul & Tacoma Lumber Co** 1220 St Paul Ave Tacoma Wash  
**St Regis Paper Co** 230 Park Ave New York 17 N Y  
**Sakrite Inc** Cincinnati O  
**Sakrite Sewing Machine Tool Co** 2361 University Ave St Paul 4 Minn  
**Sallyhour Motor Div** Wayne Mfg Co E Lexington & Reservoir Ave Calumet Calif  
**Sall Mountain Co** 176 W Adams St Chicago Ill  
**Samborg Mfg Co** Sharon Pa  
**Sanderson Ornamental Iron Co** Kenmore N Y  
**Sampel Time Control Inc** Spring Valley Ill  
**Sansen Cordage Wks** 89 Broad St Boston Mass  
**Sanson Prods Co** 3219 Armitage Ave Chicago 47 Ill  
**Santa United Corp** University Ave & Wain Blvd Rochester N Y  
**Sandpaper Inc** 48 Stone St Rockland Mass

**Sandora Co Architects Bldg** Philadelphia 3 Pa  
**Sandrik Saw & Tool Corp** 47 Warren St New York N Y  
**San-Emit Inc** 1109 E Brighton Ave Sprague 5 N Y  
**Sanitary-Dash Co** 11th St & 44th Bld Long Island City 1 N Y  
**Sanitary Receiver Co Inc** Lums & 2nd Ave Dunkirk N Y  
**Sanitary Refrigerator Co** Fond du Lac Wis  
**Santee River Hardware Co** 88 Stephen S C  
**Santander Lumber Co** Lebanon Ore  
**Santium Lumber Co** Sweet Home Ore  
**Sanytal Metal Prods Inc** Nailock Bld 1705 Urbana Bld Cleveland 14 O  
**Sapolin Paints Inc** 229 E 42nd St New York 17 N Y  
**Saranac Machine Co** Benton Harbor Mich  
**Ray Hardware Store Co** Birmingham Ind  
**Sargent & Co** Water St New Haven 3 Conn  
**Sargent-Gerdy Co** 323 W 15th Indianapolis 8 Ind  
**Sargent-Rouche Corp** Randolph Vt  
**Saugen Derrick Co** 3101 W Grand Ave Chicago 23 Ill  
**Sauvrenis Cements Co** 3389 Sharpburg St Pittsburgh 15 Pa  
**Saunders** Co Bridgton Me  
**Saunders & Cox** William N C  
**Savage Arms Corp** Utica N Y  
**Sawgrass Co** 24 1/2 Fourth Boston 16 Mass  
**Saw-T-ime Devices Inc** 88 Manhattan St Rochester N Y  
**Sawhill Mfg Co** Sharon Pa  
**Saylor-Beall Mfg Co** 401 Ribble St Johns Mich  
**Scalls Co** 120 Main St Oakland Pa  
**Scale-Molds** Libertyville Ill  
**Schacht Rubber Mfg Co** Huntington Ind  
**Schaefer Lumber Co Inc** Jackson Tenn  
**Schaefer Bros Lumber & Shingle Co** Aberdeen Wash  
**Schaefer Co** 1046 Summer Cincinnati 4 O  
**Schalls Chemical Co** 321 E End Los Angeles 12 Calif  
**Scheller Iron Prods Co** Racine Wis  
**Schell Bros Inc** E Peoria Ill  
**Scheerer Creations Inc** Peoria 18 N Y  
**Schlein Bantam Co** 221 Park Ave Waverly Is Schieren (Chas A) Co 29 Ferry St New York 7 N Y  
**Schilling Lumber Co** Parkersburg W Va  
**Schlago Lock Co** 2201 Bay Shore Blvd San Francisco 19 Calif  
**Schreiber (E F) Inc** Commercial Trust Bldg Philadelphia 2 Pa  
**Schreiber (P M & W) Inc** 302 E 43th St New York N Y  
**Schreiber Bros Lumber** Grand Rapids Ore  
**Schmitt Lumber Co** Cashmere Wash  
**Schneider Brick & Tile Co Inc** Pere Marquette New Orleans La  
**Schrade (George)** Bridgeport Conn  
**Schreiber (Wm C) Lumber Co** 2271 E Central Chicago 16 Ill  
**Schreiber (D P) & Co** 621 E Pearl St Cincinnati O  
**Schubert (H A) Co** 1210 Washington Ave Wilmette Ill  
**Schulter Level Inc** 17493 Gable Ave Detroit 12 Mich  
**Schumacher (F E) Co** Hartford 6 Conn  
**Schumacher Wall Board Corp** 8 Gate Calif  
**Schumeler (F E) & Co** 504 Railroad St Joliet Ill  
**Schwartz Shovel Corp** 800 Filson St  
**Schwere (A F) Mfg Co** 3215 McClure Ave Pittsburgh 12 Pa  
**Schwitzer-Cummings Co** 1125 Massachusetts Ave Indianapolis 7 Ind  
**Scientific Heater Co** Cleveland O  
**Scott Lumber Co** Fulton Ala  
**Scott Lumber Co** Bridgeport O  
**Scott Lumber Co Inc** Burrey Calif  
**Scottland Wood Prods Inc** Scottdale Pa  
**Scott Sawmill Co** 1212 1/2 Fourth Ave St Louis 10 Mo  
**Scott (O M) & Sons** Marysville O  
**Scott Mfg Co** 100 Mill St Waterville 91 Conn  
**Scott (Wm C) Co** 1732 1/2 Fourth Ave St Louis 4 Wash  
**Sevens & Fabricated Metals Corp** Div of General Woodcraft Co 34th St & Patterson Plank Bld Box 31 N Bergen N J  
**Seville Co** Newark N J  
**Seaboard Plastics Corp** 137 Cott Rd Irvington 11 N Y  
**Seaboard Refractories Co** Perth Amboy N J  
**Seal-All Clip Co** 600 Filson St  
**Sealco Prods Inc** 927 Second Ave Minneapolis 2 Minn  
**Seal-Rite Caulking Co Inc** 6333 Lindson Ave Detroit 21 Mich  
**Sealtite Insulating Mfg Co** 115 Madison Ave Waukesha Wis  
**Seawall Forelain Metals Inc** 28-00 Borden Ave Long Island N Y  
**Sears Lumber Co** Mobile Ala  
**Seattle Boiler Wks** 5237 E Marginal Way Seattle Wash  
**Seattle Cedar Lumber Mfg Co** 1450 W 46th St Seattle Wash  
**Seese-Lite Mfg Co** 4916 Easton Ave St Louis Mo  
**Security Co** 1737 Paritan Ave Detroit 3 Mich  
**Security Fence & Mfg Co** Omaha 12 Neb  
**Security Sash & Screen Co** Detroit 3 Mich  
**Sedgwick Machine Wks** 150 W 15th St New York 11 N Y  
**Seed Filter Co** Freeport Long Island N Y  
**Seeger Refrigerator Co** Arcade at Wells St Paul Minn  
**Seeger-Sumner Corp** 842 Paul Mpls  
**Segal Lock & Hardware Co Inc** 395 Broadway New York 13 N Y  
**Seigle & Kahlbaum Co** La Crosse Wis  
**Seibert Latex Prods Co** Barberston St Akron 9 O  
**Seidling Paint & Varnish Co** 18th & Garfield Ave Kansas City 10 Mo  
**Seiler & Co** 2235 W 23rd Ave Philadelphia 43 Pa  
**Selek (Walter E) & Co** 123 W Hubbard St Chicago 11 Ill  
**Select-It-Phone Co** Div Screw Machine Prods Co 1612 Eddy St Providence 5 E I  
**Selloe Corp** 801 Andrew Bldg Minneapolis 2 Minn  
**Sellers Paint & Varnish Co** 831 E 61st St Los Angeles Calif  
**Semling-Menke** Co Merrill Wis  
**Seneca Lumber & Millwork Co** Forestora O  
**Sensaw Wire & Mfg Co** Vine St Forestora O  
**Sentry Metal Prods Div** Sentry Control Corp Philadelphia 21 Pa  
**Sentry Stop-A-Draft Co** Cleveland O  
**Sepco Corp** 860 Cross St Fostoria Pa  
**Serrick Corp** John Lees Div Dulacore O  
**Serrel Inc** 119 W Horton St Evansville 20 Ind  
**Servco Caterer & Truck Corp** 849 N Brownwood Ave Albion Mich  
**Service Prods Div** Woodall Industries Inc 3500 Oakton Ave Stock 14 N Y  
**Service Receiver Co** 1373 Euclid Ave Cleveland 15 O  
**Sands Lumber & Tool Co** 605 Clinton St Clinton Ind

Sevastian Prods Corp 6051 W 65th St Chicago 38 Ill  
See Prods Inc Buffalo N Y  
Setfall Paint & Varnish Co 1009-11 W 8th St Kansas City Mo  
Settan Can Co Everett 49 Mass  
Seton (S B) Stone & Mfg Co 502 W Conroy St Baltimore Md  
Shannon Mfg Co Inc 500 Franklin St Seymour Ind  
Shannon Bros Lumber Co Memphis Tenn  
Shannon Hardware Mfg Co 232 Pearce St Esharon Pa  
Sharon Steel Co Sharon Pa  
Shayne Mfg Co New York 13 N Y  
Shayne Mfg Co Salem Ore  
Shasta Plywood Co Anderson Calif  
Shaw-Box Crane & Hoist Div Manning Maxwell & Moore Inc 414 Broadway Huntington Mich  
Shaw (H C) Co Rochester N Y  
Shaw Lumber Co Yamhill Ore  
Shelburning Chair Co Shelburning Vt  
Shedd-Brown Mfg Co 311-321 5th Ave Minneapolis Minn Sher (H M) Co Quincy Ill  
Shelfield Brick & Tile Co Shelfield Ia  
Shelfield Bronze & Paint Corp 17814 Waterloo Cleveland O  
Shelfield Mfg Co 119 W 25th St New York N Y  
Shelfield Steel Corp Kansas City 2 Mo  
Shelby Metal Prods Co Shelby O  
Shelby Springs Hinge Co Shelby O  
Shell Oil Co Inc 50 W 50th St New York N Y  
Shelter Industries Inc 230 E 42nd St New York 20 N Y  
Shelton Tack Co 103 Canal St Shelton Conn  
Sheward Elevator Co 2425 Colerain Cincinnati O  
Sheward & Morse Lumber Co 23 Mills Boston Mass  
Shewhart Niles Crane & Hoist Corp 410 Schuchert Ave Montclair Falls N Y  
Shepherd Lumber Corp Montgomery Ala  
Shepherd Mfg Co 1312 Sheffield St Pittsburgh Pa  
Sheridan Press Brick & Tile Co Sheridan Wyo  
Sherman (E W) J Lumber Sales Portland Ore  
Sherman (H B) Mfg Co 222 Barney St Battle Creek Mich  
Sherwin-Williams Co 101 Prospect Ave Cleveland 1 O  
Sherrin-McCloud Lumber Co First National Soc Line Bldg Minneapolis Minn  
Shimer (Samuel J) & Sons Inc Box 268 Milton Pa  
Shirley Corp 330 E St Joseph Indianapolis 2 Ind  
Shobe & Co Inc 2000 E 12th St Boston Mass  
Shogmarter Inc 1214 Third St Minneapolis Minn  
Shower Door Co of America 973 Peachtree St NE Atlanta 5 Ga  
Shranger & Johnson Inc Atlantic Ia  
Shredwood Curtain Co Worcester Mass  
Shreveport Engineering Co 1553 Texas Ave Shreveport La  
Sieves Roy Mfg Co Peoria Ill  
Sieves Elevator Mfg Co Sidney O  
Siskring Mfg Co Peen St Georgia Ia  
Signal Electric Co Menominee Mich  
Signe Steel Strapping Co 2636 N Western Ave Chicago 47 Ill  
Siba Inc 35 Gregory Ave Passaic N J  
Sillbargan (George) & Sons Co 8 S Michigan Ave Chicago 3 Ill  
Silent Glow Oil Burner Co 1475 Park St Hartford Conn  
Silent Hoist & Crane Co 875 63rd St Brooklyn N Y  
Silent Saver Oil Burner Corp Orange City Fla  
Silvercote Prods Inc 161 Erie Chicago Ill  
Silver Lake Co Chattanooga Ga  
Simonds Abrasive Co Div Simonds Saw & Steel Co 5510 Taylor St Pittsburgh 17 Pa  
Simonds Saw & Steel Co 510 Safety Fund Bldg Bldg Pittsburgh Mass  
Simons Co Industrial Die 2100 S Indiana Chicago Ill  
Simons Brick Co 1195 S Boyle Ave Los Angeles Calif  
Simplex Brooder Stone Co Grand Rapids Mich  
Simplex Lined Co 6265 E Warren Detroit 7 Mich  
Simplex Oil Heating Corp 1 Park Place New York N Y  
Simplex Stone Expt Inc Grand Rapids 2 Mich  
Simplex Industries Inc 1000 E 1st Wash  
Simpson Laying Co 1065 Grand Bldg Seattle 1 Wash  
Sims Lumber Co Selma Ala  
Sincal Lumber Co Inc Lehighburg N C  
Sincal Refining Co 630 Fifth Ave New York N Y  
Sinker-Park Co 230 S Missouri Indianapolis Ind  
Sinter Falls Metal Culvert Co Sioux Falls S D  
Siron Steel Co Sioux Falls S D  
Siskraft Co 205 W Wacker Dr Chicago 6 Ill  
Sisk (R J) Co New London Conn  
Siska Source Lumber & Mfg Co 2500 Geesone Kansas City 8 Mo  
Skalley-Seright Shingle Co Everett Wash  
Skelgas Div Shell Oil Co Tulsa Okla  
Skillman Hardware Co Edgewood Ave Trenton 4 N J  
Skilnax Inc 5033 Elston Ave Chicago 30 Ill  
Skinner Irrigation Co Troy O  
Skinner (M B) Co 21 Sample & Merrill Sts South Bend Ind  
Skiline Industries Titusville Fla  
Slipmaker Lock Co 115 8th End Ave Lancaster Pa  
Sliprack Inc 169 Water St New York N Y  
Slone-Richon Corp 295 Fifth Ave New York 16 N Y  
Slone Valve Co 4300 W Lake St Chicago Ill  
Slowwood Inc 913 Cherokee Ave Nashville Tenn  
Smith (A D) Corp 2553 S 27th St Milwaukee 1 Wis  
Smith (A O) Corp Water Heater Div Kansaskae Ill  
Smith Asbestos Prods Inc 10 Division Ave Millington N J  
Smith Chemical & Color Co Inc 55 John St Brooklyn 1 N Y  
Smith Chemical & Color Wks Milwaukee Wis  
Smithcraft Lighting Div Chelsea 50 Mass  
Smith (D B) & Co Inc Iron Works Utica 2 N Y  
Smith (H C) Mfg Corp 1515 N Arden St Chicago Ill  
Smith (F P) Wire & Iron Works Inc 2346 N Clyburn Chicago Ill  
Smith (George E) Chemical Wks Maple Park Ill  
Smith (H B) Co Westfield Mass  
Smith (H E) Co Mamee at Harold Adrian Mich  
Smith (J Leal) & Co Inc 105 N Main St New York 7 N Y  
Smith (J O) Mfg Co Middletown Conn  
Smith (J P) Co 421 Chapel St New Haven Conn  
Smith & Kandler Co P 1514th Ave Linden N J  
Smith (L C) & Corona Typewriter Inc Syracuse 1 N Y  
Smith Lumber Co Red Bay Ala  
Smith (M E) Lumber & Shingle Co Henry Bldg Seattle Wash  
Smith Oil & Refining Co Kilburn & Smith Bks Rockford Ill  
Smith-Dr Beaumont Mich  
Smith (Ralph L) Lumber Co Dierks Bldg Kansas City Mo  
Smith (R H) Mfg Co Springfield Mo  
Smith (S A) Mfg Co Brattleboro Vt

Smith (T L) Co 2835 N 32nd St Milwaukee Wis  
Smith (W C) Lumber Co Montgomery 3 Ala  
Smith-Wood Prods Inc Portland & Coquille Ore  
Smith (W T) Lumber Co 102 Medina St Chapman Ala  
Smoot-Holman Co 823 N Encarnacion Ave Inglewood Calif  
Smoot-Ohl Mfg Co 574 Communipaw Ave Jersey City N J  
Snoadler (Frank C) & Co Inc 133 & 16th St Philadelphia Pa  
Snell-Jones Tack Corp Brockton Mass  
Snell-Lite Prods Co 232 W First St Reno Nev  
Snoqualmie Falls Lumber Co Snoqualmie Falls Wash  
Sons Lumber Co High Point N C  
Soper & Willard Edgewood N J  
Soreny-Vanous Oil Co 26 Broadway New York 4 N Y  
Soderberg (Carl) Lumber Co Spokane 8 Wash  
Solar Air-Flt Co 323 S Elmhart Ave Elkhart Ind  
Sol-0-Life Mfg Co 4301 N North Ave Chicago 39 Ill  
Sol-Low Lvs Inc Loveland O  
Solway Sales Div Allied Chemical & Dye Corp 40 Beator St New York 13 N Y  
Solvent Chemical Prods Inc 15621 Second Ave Detroit Mich  
Somers Lumber Co Somers Mont  
Somerville Iron Foundry Co Somerville Mass  
Sommer (J L) Mfg Co 28 Wey St Newark N J  
Sommer & Maca Glass Machinery Co 3664 S Oakley Ave Chicago 9 Ill  
Sommer Metallcraft Corp 400 Puston Dr Crawfordville Ind  
Sondheimer (E) Co Sondheimer L Co  
Sondheimer (H) & Sons Inc 88 Lexington Ave New York 16 N Y  
Sonoco Prods Co South St Hartsville S C  
Soo Mfg Co 21777 Hoover Ave Detroit 13 Mich  
South Steel Co 1750 Army St San Francisco 24 Calif  
Sound Shingle Co Marysville Wash  
South Atlantic Lumber Co Grand Greenboro N C  
South Bend Down & Mfg Co South Bend Ind  
South Bend Lath Wks 500 E Madison St South Bend 22 Ind  
South Chester Tube Co Chester Pa  
Southern Barbecue Grill Co Glendale 6 Calif  
Southern Belling Co Dickenson Bldg Atlanta Ga  
Southern Brick Co 2100 3rd St  
Southern Brick & Tile Co Louisville Ky  
Southern Cement Co 608 Protective Bldg Birmingham Ala  
Southern Galvanizing Co 1610 Bush St Baltimore 30 Md  
Southern Lumber Co Warren Ark  
Southern Mill & Mfg Co Tulsa Okla  
Southern Mills Corp Oxford Ala  
Southern Oregon Plywood Corp Grants Pass Ore  
Southern Paper Association 2000 E Main St New Orleans 14 La  
Southern Pine Lumber Co 504 E Fifth St Texasark Ark  
Southern Plans Co Houston Tex  
Southern Saw Wks Inc E Point Bldg Atlanta Ga  
Southern Shaver Brush & Cabinet Co 4511 Kyle St Houston Tex  
Southern Star Lumber Co McKeanee Tenn  
Southern States Iron Foundry Co 110 Siles Ave Savannah Ga  
Southern Wire & Iron Wks 441 Memorial Dr SE Atlanta Ga  
Southern Wood Preserving Co E Point Station A Atlanta Ga  
Southern Zonolite Co Atlanta Ga  
Southwest Hardware Mfg Co William & Smith Sts Southington Conn  
Southwest American Rooms Houston 1 Tex  
Southwestern Creosoting Co Muskogee Okla  
Southwestern Portland Cement Co 1034 Wilshire Blvd Los Angeles Calif  
Southwestern Sash & Door Co Phoenix Ariz  
Southwest Lumber Co Alamogordo N Mex  
Southwest Lumber Mills Inc McVary Ariz  
Southwest Mfg Co Little Rock Ark  
Southwest Brick Co 2225 N Broadway St  
Southwest Supply Co Grand Bldg Pittsburgh Pa  
Spanjar Iron Inc 1160 N Howe Chicago Ill  
Spanjar (J J) Co Minneapolis Minn  
Sparman Hardwood Lumber Co Sparman Ark  
Sparks-Willington Co 2490 E Michigan Ave Jackson Mich  
Sparta Ceramic Co E Sparta O  
Spartan Glee Co 412 Maryland Ave Dayton 4 O  
Sparta Spoke Factory Sparta Tenn  
Spartan Electric Co Rochester N Y  
Speasman Co 30th & Spruce Sts Wilmington Del  
Specialty Tool Mfrs Inc 732 S Illinois St Belleville Ill  
Speed Inc 2142 Superior Ave Cleveland 1 O  
Speed-O-Print Corp 1801 W Larchmont Chicago 11 Ill  
Speedway Mfg Co 1834 E 52nd Ave Ciero 50 Ill  
Speedways Converters Inc 1271 Niagara St Buffalo 13 N Y  
Speedway Locomotive Div Aero Mfg Corp Oliver St Williamsport 10 Pa  
Speedy-Thermalized Div Metals & Controls Corp 30 Forest Atholens Mass  
Spertl Faraday Inc 1800 Church St Adrian Mich  
Spokane Pipe Prods Co 246 N Wall St Spokane Wash  
Spokane Portland Cement Co Spokane & Wash  
Spokane Sash & Door Co Spokane Wash  
Spontinels Inc Evanston Ill  
Spout (S) Co 2225 N Humboldt Milwaukee 12 Wis  
Spray-Flake Co 2727 W Irving Park Rd Chicago Ill  
Springfield Plywood Co Springfield Ore  
Springfield Lumber Co New York Pa  
Spurgeon (N P) Co 20 N Wacker Dr Chicago 6 Ill  
Square D Co 6066 Harvard Detroit 11 Mich  
Square D Co Schenectady N Y  
Stacklin Corp 1091 Main St Pawtucket R I  
Stacy (Eugene C) Trims O  
Stacy (G) & Shale Association 5527 White Bldg Seattle Wash  
Stamford Wallpaper Co Inc Stamford Conn  
Stamford Prods & Mfg Co Steel Door Div 14001 Intervals Ave Detroit 27 Mich  
Standard Asbestos Mfg Co 860 W Evergreen Chicago 7 Ill  
Standard Arning Co Hartford Conn  
Standard Brick & Tile Corp Evansville Ind  
Standard Bronze Co Burdore 9 N J  
Standard Building Prods Co 621 McDonald Ave Brooklyn 3 N Y  
Standard Coated Prods Div Interchemical Corp 6T W 44th St New York 13 N Y  
Standard Cotton Prods Co 940 Indiana Ave N St Paul 9 Minn  
Standard Cotton Prods Co Flint Mich  
Standard Crayon Mfg Co Danvers Mass  
Standard Dry Kiln Co 768 S Harding Indianapolis Ind

Standard Dry Wall Prods Inc 77 Hudson St New Eagle Pa  
Standard Electrical Tool Co 2490 River Rd Cincinnati 4 O  
Standard Electric Mfg Co 700 10th St N J  
Standard-Elmer Granite Co 1754 N Spaulding Chicago Ill  
Standard Expt Co Brooklyn N Y  
Standard Fire Hose Co 8236 W 3rd St Los Angeles 36 Calif  
Standard Floor Co Gulf Bldg Pittsburgh Pa  
Standard Forge & Axle Co Birmingham Hwy Montgomery 2 Ala  
Standard Gas Expt Corp Bayard & Hamburg St Baltimore Md  
Standard Homes Co Washington D C  
Standard Industrial Corp Inc Evansville Ind  
Standard Lines & Stone Co First & National Bank Bldg Baltimore 3 Md  
Standard Mfg Co Cedar Falls Ia  
Standard Mirror Co 141 Milton St P R Buffalo N Y  
Standard Mouldings Co Inc 33 W 42nd St New York 18 N Y  
Standard Oil Co New York 8 N Y  
Standard Oil Co of Indiana Inc 910 B Michigan Ave Chicago Ill  
Standard Paste & Glue Co 3620 W 38th St Chicago 32 Ill  
Standard Perlite Co 202 N Euclid Ave Pasadena Calif  
Standard Register Co Dayton 1 O  
Standard Shingle Co Port Angeles Wash  
Standard Stamping & Perforating Co 3129 W 49th Place Chicago 32 Ill  
Standard Steel Cabinet Co 3701 N Milwaukee Ave Chicago 41 Ill  
Standard Turnbuckle Co Curry Pa  
Standard Vanish Wks 2000 Richmond Terrace Staten Island N Y  
Standard Wood Prods Co Stanford Ky  
Stanley Chemical Co 100 Bedford St E Berlin Conn  
Stanley Lumber Co 100 Bedford St E Berlin Conn  
Stanley-Oliver Mfg Co 701 N Sangamon Chicago Ill  
Stanley Tool Div Stanley Wks New Britain Conn  
Stanley (William W) Co Inc 400 Broadway New York 13 N Y  
Stanley Wks New Britain Conn  
Stanley Wks West Central Div 195 Lake St New Britain Conn  
Stanley Wks Garage Hardware Dept New Britain Conn  
Stanway Prefabricated Building Co Montclair N J  
Star Bit & Tool Co 1015 9th St Rockford Ill  
Star Brush Mfg Co 706 Harrison Ave Boston Mass  
Star Expansion Bolt Co 148 Cedar St New York 6 N Y  
Star Expansion Prods Inc 148 Cedar St New York 6 N Y  
Star Fine Co Inc 235 Canal New York N Y  
Starline Brick Co Canton 1 O  
Stark (Jas E) Co Plum & Minnie Sts Memphis Tenn  
Starline Inc 300 W Front St Harvard Ill  
Starline Prods Inc 370 Butler St New Britain Conn  
Star-Perless Wallpaper Mills Juliet Ill  
Starr Ross Bell Co E Hampton Conn  
Starratt (L S) Co 101 Centre St Athol Mass  
Starr (J W) & Sons Lumber Co Atlanta Ga  
Star Sash Balance Corp Oak Harbor O  
Star-Title Inc 4020 N Port Washington Rd Milwaukee Wis  
Starline Lumber Co 1200 E 1st St New York 13 N Y  
Star-Warm Electric Co 503 N Chestnut St Ravenna O  
Stearns Coil & Lumber Co Stearns Ky  
Stearns Mfg Co Inc 608 E Beecher Adrian Mich  
Steadfast Stone & Brick Corp 2613 N 47th St Milwaukee Wis  
Steel Basket Co Cedar Rapids Ia  
Steel City Furnace Co Springdale Pa  
Steel City Lumber Co Birmingham 3 Ala  
Steel City Lumber Co 3416 Gratiot St Louis 8 Mo  
Steelcraft Mfg Co 9017 Hine Ash Rd Homosote O  
Steel Kitchen Cabinet Industry 1038 Bolden Ave NE c-o Homosote Bldg London Ohio  
Steel Partitions Inc Box 45 Jamestown N Y  
Steel Prods Engineering Co 1150 W Main St Springfield O  
Steel Scaffolding Co Evansville 3 Ind  
Steel Wall Tile Co 829 N Milwaukee Ave Chicago Ill  
Steel Window Prods Co Jamaica 3 N Y  
Steel & Wire Prods Co 217 S Central Ave Baltimore Md  
Stemco Corp 12117 Bevan Rd Cleveland 11 O  
Stemm Iron Inc Leawards Wash  
Stenell Specialty Co 388 Devan Ave Jersey City N J  
Stensgaard (W L) & Associates Inc 346 N Justice Chicago 25 Ill  
Stephens-Adams Mfg Co 274 Ridgeway Ave Aurora Ill  
Stephenson Mfg Co 230 E Tenth St South Bend Ind  
Sterling Bolt Co 4646 W Lake Chicago Ill  
Sterling Foundry Co Sterling Ill  
Sterling-Freeland Industries Inc 4701 N Western Ave Chicago 25 Ill  
Sterling Grinding Wheel Div Cleveland Quarries Co 1430 Broad St Troy O  
Sterling Hardware Mfg Co 2345 Nelson St Chicago 10 Ill  
Sterling Motor Truck Corp Inc 2021 S 84th St Milwaukee 1 Wis  
Sterling Paint & Varnish Co 184 Commercial Madison Mass  
Sterling Tool Prods Co 363 E Ohio St Chicago 11 Ill  
Sterling Wheelbarrow Co 7636 W Walker Milwaukee 14 Wis  
Sterling-Wington Inc 366 Lexington Ave New York 17 N Y  
Stetson-Buss Machinery Co 3202 First Ave S Seattle 4 Wash  
Steven Advertising Agency Inland Bldg Indianapolis 4 Ind  
Steven Mfg Co South Bend Ind  
Stevenson Plywood Corp Stevens Wash  
Stevenson Co Minneapolis Minn  
Stewart (E A) Lumber Co Texasark Tex  
Stewart Hardware Co 250 Fifth Ave New York 1 N Y  
Stewart Iron Works Inc Box 1039 Cincinnati 1 O  
Stewart Mfg Co 3209 E Washington St Indianapolis Ind  
Stewart-Walker Corp 1828 W Diversity Chicago 14 Ill  
Stiles (H A) Co 166-174 Portland Rd Boston 14 Mass  
Stillwater Clay Prods Co 3334 Prospect Ave Cleveland 14 O  
Stillwater Mfg Co Stillwater Minn  
Stimwell Winch Co 37-24 33rd St Long Island City 9 N Y  
Stinson Lumber Co Greenbush Wis  
Stinson Mill Co Verona Pt & Rhinohole Ave Seattle 7 Wash  
Stonard Staker Co Inc 1145 E 22nd St Indianapolis 7 Ind  
Stoutler (F L) Land & Lumber Co Columbia Falls Mont  
Stone Creek Brick Co Stone Creek Wis  
Stone (J E) Lumber Co Neaegorches Tex

Stonesteel Co 739 N 23rd St Milwaukee Wis  
 Stone Machinery Co Stone Bldg 1 Manhattan N Y  
 Stouckard Co 1306 Spring Garden St Philadelphia 23 Pa  
 Stoppel Waterproofing Mfrs Inc 308 Commercial Kaia-  
 miah Mich  
 Stop-But Co Box 494 Chattanooga Tenn  
 Stor-Aid Inc 347 Fifth Ave New York N Y  
 Store Engineering Co Youngstown O  
 Store Kraft Mfg Co Basking Ridge N J  
 Storey (W M) Lumber Co Winston-Salem N C  
 Storm Windows of Aluminum Inc Marion O  
 Stotts (John) & Sons 4116 E 25th St Philadelphia Pa  
 Stottner Wallpaper Mills Crystal Lake Ill  
 Stoughton Club & Body Co Stoughton Wis  
 Stover Steel Tank & Mfg Co Freeport Ill  
 Stowers Inc Stone Vt  
 Stowell-McGregor Co Mill & 3rd Sts Dixfield Me  
 Stoves Lumber & Co Stone Bldg 1 Manhattan N Y  
 Stove Metal Products Co 758 E Kent Rd Stov O  
 Strain-Steel Div Great Lakes Steel Corp Tremont & Keese  
 Egores 29 Mich  
 Strathmore Co 14000 Grand River Ave Detroit 27 Mich  
 Strator Brick Co Strator Ill  
 Strator Drain Tile Co Strator Ill  
 Strick (A) & Bros Co Sebok Wis  
 Stringfellow Lumber Co Birmingham Ala  
 Strick (L W) & Co Bethlehem Pa  
 Stronghold Screw Products Inc 214 W Hubbard Chicago 10 Ill  
 Structural Clay Products Institute 1530 18th St NW Wash-  
 ington D C  
 Structural Stone Co E Penndale Pa  
 Stuart Lumber Corp Stuart 10 Va  
 Studebaker Corp South Bend 27 Ind  
 Stutz Lumber Co 116 E 21st St Allegheny Pa  
 Stutz Sawmill Co Thomaston Ala  
 Stylen Corp Burton 15 Mass  
 Sub-Z-Frezer Corp 215 E 7th Memphis 3 Tenn  
 Sullivan Lumber Co Box 82 Freston Ga  
 Summerville Face Brick Co Summerville O  
 Sun Metal Prods Co 3518 E Carroll Chicago 24 Ill  
 Sun-Critical Blind Co 65 Mt Vernon N W Grand Rapids  
 Mich  
 Superior Plywood Corp 150 Wall St New York 5 N Y  
 Superior Prods Corp Oakdale 6 Calif  
 Superior Accessory Co Glendale 4 Calif  
 Superior Clay Corp Urichville O  
 Superior Electric Prod Corp One Girardus Mo  
 Superior Fastener Corp 2949 Elgin Ave Chicago 18 Ill  
 Superior Fiberglass Co 1708 E 15th St Los Angeles 21  
 Calif  
 Superior Household Mfg Co 740 W Adams Chicago 3 Ill  
 Superior Industries Inc Youngstown O  
 Superior Paint & Varnish Co 2216 N Elston Chicago Ill  
 Superior Plastics Div Commonwealth Plastics Inc 426 Oak-  
 ley Hill Chicago 12 Ill  
 Superior Sinterite Corp 2219 E Halsted Chicago Ill  
 Superior Wall Prods Co 4401 N American St Philadel-  
 phia 40 Pa  
 Super String Co Everett Wash  
 Super-Structures Inc Alhambra Minn  
 Super Tool Co 1650 Hoover Rd Detroit 13 Mich  
 Super-Tool Co 905 W North Ave Chicago 6 Ill  
 Sure-Hatch Incubator Co Fremont Neb  
 Surelock Lawn Hose Coupler Co Omaha Neb  
 Surface Combustion Corp 2375 Durst St Toledo 10 O  
 Surface Protection Corp 1840 Euclid Ave Cleveland 13 O  
 Susquehanna Chemical Corp Empire State Bldg New York  
 N Y  
 Sutherlin Fibrer Prod Inc Portland Ore  
 Sutton (T O) & Sons Chicago Tex  
 Swain & Bridge 175 Stanley Ave New Britain Conn  
 Swainburn Lumber Co 1100 E 12th St Grand Rapids Mich  
 Swiss Rubber Co Mansfield & Iron Ave Bucyrus O  
 Swarthwood Co 18511 Euclid Ave Cleveland 12 O  
 Swartzbaugh Mfg Co Toledo O  
 Swede Basin Lumber Co Grants Pass Ore  
 Swedish Crucible Steel Co 8561 Laurel Ave Detroit 11  
 Mich  
 Sweet's Steel Co 3200 Sweet St Williamsport 62 Pa  
 Sweet (A L) Iron Works 140 Glenwood Medina N Y  
 Swift & Co 4115 E Packers Chicago 11 Ill  
 Swift Mfg Co Columbus Ga  
 Swift Mfg Co Waterloo Ia  
 Switeler Co 34 Irving Pl New York N Y  
 S & W Moulding Co 900 Farmers Columbus 6 O  
 Sylvania Electric Prods Inc 500 Fifth Ave New York  
 18 N Y  
 Synco-Range & Mfg Co 4249 Diversey Ave Chicago 39 Ill  
 Synco-Master Seneca Falls N Y  
 Synco Co Blank St Henry City Pa  
 Syracuse Ply Door Corp Syracuse N Y  
 Syracuse Twist Drill Co Graze & Meads Sts Syracuse N Y

**T**

Taco Heaters Inc 137 South St Providence 3 R I  
 Tacoma Export Lumber Co Tacoma 1 Wash  
 Tacoma Lumber Fabricating Co Tacoma 1 Wash  
 Tacoma Plywood Corp Tacoma Wash  
 Tacoma Veneer & Plywood Corp Bellingham Wash  
 Talcott (C I) Corp 614 Franklinburg Newark 5 N J  
 Talb-Thomas Mfg Co 1513 S Pulaski Chicago Ill  
 Tallman Robbins & Co 314 W Superior Chicago Ill  
 Tamblin Systems 1116 S Pearl St Denver Colo  
 Tampa Asphalt Prods Inc Jupiter Fla  
 Tanna Industries Inc 228 N LaSalle St Chicago 1 Ill  
 Tangent Co Grand Rapids Mich  
 Taniguchi Wks 303 Front Ave NW Grand Rapids 4 Mich  
 Tappin Mfg Co New Britain Conn  
 Tappan Stone Co 1019 W Washington Blvd Chicago 7 Ill  
 Taylor Webster & Johnson 1 Montgomery San Francisco  
 Calif  
 Teerit Co Ltd 15124 S Orinda Bx 42 Paramount Calif  
 Taylor Bedding Mfg Co Taylor Tex  
 Taylor-Culpepp Co Spartanburg S C  
 Taylor (Halcy W) Lumber Co 123 Park Ave Warren O  
 Taylor (James L) Mfg Co 1125 Park Ave Poughkeepsie  
 N Y  
 Taylor Instrument Cos Glenn & Ames St Rochester N Y  
 Taylor (L B) Mfg Co 849 Harbetta St Atlanta Ga  
 Taylor Machine Wks Louisville Minn  
 Taylor (B L) Inc 12485 Evergreen Rd Detroit 23 Mich  
 Taylor (C G) Chain Co Box 609 Hammond Ind

Taylor-Stiles & Co 1 Bridge St Hingolville N J  
 Taylor Stone Co Belmont 6 Tenn  
 Technical Appliances Corp 1 Taco Ave Shertons N Y  
 Technical Development Laboratories Tenady N J  
 Technical Glass Co Inc 2050 E 48th St Los Angeles Calif  
 Technical Oil Prods Corp Cotton Oil Co Houston Tex  
 Technical Supply Co 1911 University Ave Palo Alto Calif  
 Tel-o-Pack Co 140 Ash Rd Akron 9 O  
 Temco Inc 4104 Park Ave Nashville 9 Tenn  
 Tempco Lumber Co Pleasant Tex  
 Templeton (Herbert A) Lumber Co Portland 5 Ore  
 Templeton Lumber Co 1029 S Central Chicago 44 Ill  
 Tennant (G H) Co 2544 N Second St Minneapolis 11  
 Minn  
 Tennessee Coal Iron & Railroad Co 20th St at First Ave  
 Birmingham Ala  
 Tennessee Eastman Corp Kingsport Tenn  
 Tennessee Enamel Mfg Co Union Station Nashville 9 Tenn  
 Tennessee Line & Twine Co Elizabethton Tenn  
 Tennessee Prods & Chemical Corp American National Bank  
 Bldg Nashville 3 Tenn  
 Tennessee Stone Co Inc Knoxville Tenn  
 Tennessee Stone Wks Chattanooga Tenn  
 Tennessee Valley Assoc Marketers Nashville Tenn  
 Tenor Appliances Co Inc Cincinnati O  
 Termital Co 3567 Bigelow Blvd Pittsburgh 13 Pa  
 Terrell (D D) Saw Co Bangor Me  
 Tesco Inc Tulsa Okla  
 Test Chemical Co 500 Buckhoe Rockford Ill  
 Texas Brick Co Brownwood Tex  
 Texas Co 135 1/2 42nd St New York 17 N Y  
 Texas Crosting Co Water St Orange Tex  
 Texas Fence Co Dallas Tex  
 Texas Longleaf Lumber Co New Willard Tex  
 Texas Housing Co 8001 Denton Dr Dallas 9 Tex  
 Texas Sheet Metal & Mfg Co Dallas 2 Tex  
 Texas Vermiculite Co Austin Tex  
 Textile Colors Div Interchemical Corp Plains Rd Fair Lawn  
 N J  
 Textile Industries Inc 5101 Lorain St Detroit Mich  
 Thabit Mfg Co 626 Huron St Toledo 4 O  
 Thatcher Furnace Co Center St Newark N J  
 Thayer Foundry Co Alhambra Kan  
 The Portland Cement Co Keene N Mex  
 Thermador Electrical Mfg Co 5119 District Blvd Los An-  
 gels Calif  
 The Metal Prods Inc New London Conn  
 Thermal Co 45 W Durban St Philadelphia 19 Pa  
 Thermoid Co 400 Whitehead Rd Trenton N J  
 Therma-Bite Mfg Co 19 Cooper St Akron 11 O  
 The Shoe Co 1000 E 28th St Lorain O  
 Thimbury Pulp & Paper Co Thimbury Rd Kankakee Wis  
 Thimble Lumber Co Oneonta La  
 Thomas & Associates Inc Minneapolis 11 Minn  
 Thomas Lumber Co Wimpole La  
 Thomas Lumber & Box Co Hialeah Fla  
 Thomas Moulding Floor Mfg Co 165 W Wacker Dr Chi-  
 cago 1 Ill  
 Thomas Plywood Corp Fayetteville Va  
 Thomas & Proets Lumber Co 2404 N Hall St St Louis  
 7 Mo  
 Thomas Sanitary Prods Co Akron 8 O  
 Thomas Truck & Caster Co 3231 Mississippi River Kan-  
 sak La  
 Thompson (George E) Co 616 41st Ave N Minneapolis  
 Minn  
 Thompson Mahogany Co Edmund & High Sts Philadel-  
 phia 36 Pa  
 Thompson (O E) & Sons 400 N River Ypsilanti Mich  
 Thor Corp 54th & Cermak Rd Chicago 50 Ill  
 Thoren (J B) Co Allegheny Ave & Twentieth St Philadel-  
 phia 22 Pa  
 Thornton (L M) Mfg Co 2821 E 18th St Kansas City Mo  
 Jewish (H A) Co Pars Ind  
 Thornton (W E) & Sons 400 E C Can  
 Thurston (H T) & Son Bethel Me  
 Thurston Lbr Co Vancouver B C Canada  
 Thyer Lumber & Box Co 1181 1/2 Grand St West Toledo O  
 Thyer Mfg Corp Pullman Homes Div 2857 Waver St To-  
 ledo 9 O  
 Thyer Finishing Co Oneta Tenn  
 Thyer Art Metal Co Tiffin 14 O  
 Tilden Tool Mfg Co 1995 N Fair Oaks Blvd Pasadena 3  
 Calif  
 The Council of America 30 E 40th St New York 16 N Y  
 The-Wits Co Cleveland 4 O  
 The-Tec Div Flintkote Co 1200 McKinley Ave Chicago  
 Heights Ill  
 Tiletone Co 2323 N Wayne Ave Chicago Ill  
 Tiley (John B) Ladders Co 115 Second St Watervliet N Y  
 Till-A-Door Corp 3800 E Outer Dr Detroit 34 Mich  
 Timber Engineering Co 1319 18th St NW Washing-  
 ton D C  
 Timberlands Inc Dixfield Me  
 Timber Prods Co Medford Ore  
 Timberstone Decorative Co New York 10 N Y  
 Timber Structure Inc Box 3722 Portland 9 Ore  
 Timely Prods Co Box 206 588 Yearling Rd Columbus 6 O  
 Timken Silent Automotive Div Timken-Strovet Ave Co 100  
 Toledo St Detroit Mich  
 Timm Industries Inc 8245 San Fernando Rd Los Angeles  
 39 Calif  
 Timmerman Prods Inc 3058 Fulton Rd Cleveland 13 O  
 Timmerman (O E) Inc 890 Terrace Buffalo 2 N Y  
 Tittwell Hanger Co 1458 W 67th St Chicago Ill  
 Tock Bros Inc 2600 Richmond Terrace Staten Island 3 N Y  
 Toledo Desk & Fixture Co Maumee O  
 Toledo Interlocking Prods 3800 Lagrange St Toledo 13 O  
 Toledo Tire Threading Machine Co 1431 Summit St To-  
 ledo 4 O  
 Toledo Plate & Window Glass Co 1041 Ultes W Toledo O  
 Toledo Process Co 391 Phillips Ave Toledo O  
 Toledo Scale Co 1009 Telegraph Rd Toledo 12 O  
 Tomline Tool & Engineering Co 740 N Washington Ave  
 Toledo O  
 Tomcraft Corp Springfield 1 Mass  
 Topping Ladder Co Marion N Y  
 Torck Clark Co 103 Park Ave Mt Vernon N Y  
 Torco Corp Box 721 Milwaukee 1 Wis  
 Torrey Corp 1228 E 152nd St Cleveland 10 O  
 Townsend Bros Stoughton Ar  
 Townsley Mfg Co Box 721 Milwaukee 1 Wis  
 Tracy Mfg Co 3125 Preble St Pittsburgh 12 Pa  
 Trade-Wind Stationery Inc 3725 S Main St Los Angeles 37  
 Calif

Trailmobile Co Cincinnati 9 O  
 Train Co LeComme Wis  
 Train Shack Co 46 W 27th St New York N Y  
 Trask Lumber Co Portland O  
 Trappone (John) Brass Copper Wks Massport N Y  
 Traylor (W H) Lumber Co 211 E Oak Tex  
 Trecco Mfg Co 8701 Kinsman Rd Cleveland O  
 Tremont Lumber Co Joyce La  
 Trencor Co 22 Elm St Warham Mass  
 Treat Inc 5000 Wells St Philadelphia 27 Pa  
 Trenton Fine Nipple Corp Trenton N J  
 Trenton Portland Cement Div General Portland Cement Co  
 Trenton Rubber Mfg Co Trenton N J  
 Trexle Mfg Co Lockport N Y  
 Trevo Prods 264 Hartford Buffalo 25 N Y  
 Triangle Conduit & Cable Co Jersey Ave New Brunswick N J  
 Trico Pave Mfg Co Jung & Andrus Milwaukee 13 Wis  
 Tri-Co Mfg Co 1421 E 25th St Cleveland O  
 Trimble & Fink Mfg Co Baltimore 1 Md  
 Trimledge Inc 4021 Mahoning Youngstown 1 O  
 Tri-Set Corp Subsidiary of Fretton Steel Was Inc 2601  
 Market St Seattle 7 Wash  
 Trina Co Inc Merchants Mart Plaza Chicago Ill  
 Triner Scale & Mfg Co 2716 W 21st Chicago Ill  
 Trinity Portland Cement Div General Portland Cement Co  
 111 W Monroe St Chicago Ill  
 Trigon Inc 1000 Island Ave McKees Rock Pa  
 Triple-X Chemical Laboratories 2803 E Calmet Chicago  
 25 Ill  
 Triplet Heating Appliances Co 243-68 Grand St Peru Ind  
 Triplet Cover Co 5309 Grand Ave Cleveland 5 O  
 Tri-States Bldg Materials Co Inc 708 Neil F Anderson Bldg  
 Box 1476 Fort Worth 2 Tex  
 Tri-Ton Chemicals Co Grand Rapids St Troy O  
 Truckstall Co Union Commerce Bldg Cleveland 14 O  
 True Temper Corp Keith Bldg Cleveland O  
 Trucon Electric Mfg Co Erieville Conn  
 Trucon Laboratories Div Devoe & Reynolds Inc Cantel  
 at Grand Trunk By Detroit 11 Mich  
 Trucon Steel Co Sub-Specialty Steel Corp 6100 Trucon  
 Ave Youngstown 1 O  
 Trucon Steel Co Pressed Steel Div Youngstown O  
 Trumbull Div Steels Box Inc 2575 W Cume Ave St Paul 8  
 Minn  
 T & S Brass & Bronze Works Inc 121 E Second St  
 Mineola 1 N Y  
 Tubco Corvaco Co 104 Gananohe St San Francisco Calif  
 Tucher-Dorsey Mfg Corp 2139 Fletcher Ave Indianapolis  
 1 Ind  
 Tucker Deck & Rubber Co 1231 Ganslen St Fort Smith Ark  
 Truck Mfg Co Brocton 39 Mass  
 Tuck Wt Shops Inc 43 Upson Point Lockport N Y  
 Tufover Co Inc 502 E Lowell St Des Moines 9 Ia  
 Tuftall Inc 60-86 S 26th St Pittsburgh 3 Pa  
 Turner Brass Wks Spavins Ill  
 Turner Bros Elkhart Neb  
 Turner Lumber Co La Moyn La  
 Turner Machinery Co 500 Beale St San Francisco 5 Calif  
 Turner & Seymour Mfg Co Leavenworth Kan  
 Turner & Stanton Co Box 25 Norwich Conn  
 Tuttle & Bailey Inc 1706 Corbin Ave New Britain Conn  
 Tuttle's Bit-On Cement Co Chicago Ill  
 Twentieth Century Paint & Varnish Bldg Brooklyn 11 N Y  
 Twin-Bronn Corp Clarksville Tenn  
 Twin City Brick Co 1307 Marshall Ave St Paul 4 Minn  
 Twin City Hardware Lumber Co 509 N Cleveland Ave  
 Paul 4 Minn  
 Twin City Shingle Co Central Wash  
 Twin City Tank Sls & Specialty Co 38th Ave NE & Fifth  
 St Minneapolis Minn  
 Twin Feather Mills Inc Kamiah Id  
 Twin Harbors Lumber Co Raymond Wash  
 Twin-Ten Truck Co Box 1812 St Bernard Cincinnati 17 O  
 Tye Plywood Co Beaver Wash  
 Tylas Co Westfield Ill  
 Tyndal Picton 323 Miles Mich  
 Tyler & Hipschall Glass Co 2949 N Paulina Chicago 13 Ill  
 Tyra (B K) Co Forest Lake Minn

**U**

UABCO Inc 5000 S California Chicago 32 Ill  
 U-Bild Enterprises Van Nuys Calif  
 Uchish Fine Lumber Co Potter Valley Calif  
 Ucker Knife Co Inc 1778 Broadway New York N Y  
 Umpqua Plywood Corp Roseburg Ore  
 Unadilla Steel Co Unadilla N Y  
 Underwood Veneer Co Wausau Wis  
 Unifacel Chemical Corp 11 Park Pl New York 7 N Y  
 Union Mfg Co 1525 E Lake Rd Erie Pa  
 Union Aluminum Co Sheffield Ala  
 Union Clay Mfg Corp Birmingham N Y  
 Union Crafton Co Lowell Mass  
 Union Fork & Hoe Co 400 Hocking Ave Columbus O  
 Union Hardware Co Torrington Conn  
 Union Insulating Co Inc Farber Rd Parkersburg W Va  
 Union Lumber Co Box 3000 Camden Ark  
 Union Mfg & Gang Co Syracuse 1 N Y  
 Union Metal Mfg Co 1400 Maple Ave NE Canton 5 O  
 Union Rubber & Adhesive Co Alton & Beaman Trenton N J  
 Union Steel Sheet Corp Church & Railroad Sts Le Roy N Y  
 Union Steel Prods Co 242 N Berrien St Alton Mich  
 Union Tool Corp 2800 Mass St Athol Mass  
 Union Twist Drill Co 1000 Erie St New York N Y  
 Union Balance Corp 686 E 134th St New York N Y  
 Union Mfg Co Inc 221 W Walton Chicago Ill  
 Union Prods Co 1013 W Washington Blvd Chicago 7 Ill  
 Unit Crane & Shovel Corp 6508 W Burnham St Milwaukee  
 14 Wis  
 United Brick & Tile Co 903 McGee Kansas City Mo  
 United Brush Works 116 Wootter New York City N Y  
 United Cement Prods Co Wichita Kan  
 United Glenside Laboratories 1896 Jefferson Ave Gerar-  
 ton Pa  
 United Home Building Plan Service Sherrard La  
 Industries Inc 251 E 103rd St Chicago Ill  
 United Materials & Richmond Brick Co Ltd Point Richmond  
 Calif  
 United Metal Box Co Inc 168-166 Seventh St Brooklyn  
 1 N Y  
 United Metal Prods Inc 965 S High St Akron 11 O  
 United Plastic Tile 355 Commonwealth Ave Boston 15  
 Mass

United Screw & Bolt Corp Chicago Dir 2513 W Calverton St Chicago 4 Ill  
 U S Screw & Bolt Corp Cleveland Dir 8399 W 55th St Cleveland 2 O  
 U S Abr Compressor Co 8390 Harvard Ave Cleveland 9 O  
 U S Air Conditioning Corp 3903 Lakes Ave NE Minneapolis 14 Minn  
 U S Challenge Co 134 N La Salle St Chicago 11 Ill  
 U S Cutlers Filter Mfg Co Bloomington Ill  
 U S Die Casting Co 1917 Chicago 11 Ill  
 U S Electrical Tool Co Findlay & Western Ave Cincinnati 14 O  
 U S Expansion Bolt Co 25 State St & PRR York Pa  
 U S Guita Forch Palmi Co Dudley & Edly Sts Providence R I  
 U S Gypsum Co 300 W Adams St Chicago 6 Ill  
 U S Hardware & Mfg Co Pawtucket R I  
 U S Homes Inc Marlinton Ga  
 U S Instrument Corp 405-111 Broad St Summit N J  
 U S Lite-Ray Co Dayton O  
 U S Lock & Hardware Co 950 Hamilton Columbia Pa  
 U S Machine Corp Walnut & Cate Sts Lebanon Ind  
 U S Mengel Plywoods Inc Louisville Ky  
 U S Mineral Wool Co S Milwaukee Wis  
 U S Plywood 55 W 44th St New York 18 N Y  
 U S Prefabricator Co 225 E 46th St New York 17 N Y  
 U S Quarry Tile Co 110 E 42nd St New York N Y  
 U S Radiator Corp Buhl Bldg Detroit 51 Mich  
 U S Register Co Jones & Pearson Battle Creek Mich  
 U S Rock Wool Co Salt Lake City Ut  
 U S Rubber Co 28 E 37th St New York N Y  
 U S Sanitary Mfg Co Pittsburgh Pa  
 U S Sanitary Specialties Corp 1001 S California Ave Chicago 12 Ill  
 U S Sealing & Lean League 221 N LaSalle St Chicago 11 Ill  
 U S Sliding Door Corp 404 E 108th St New York N Y  
 U S Steel Prods Co 1500 E 10th St New York 20 N Y  
 U S Stonecarver Co 5300 E Tallmadge Ave Akron 9 O  
 United Steel Fabricators Inc 333 Canada St Woonsocket R I  
 United Steel & Wire Co 457 N Ave Battle Creek Mich  
 United Text & Awning Co 175 N Spring St Los Angeles Calif  
 United Timber & Lumber Co Memphis Tenn  
 United Wallpaper Inc 222 W N Bank Drive Chicago 11 Ill  
 United Wire Goods Mfg Co Inc 1152 Broadway New York 17 N Y  
 Uni-Therm Prods Co Ellyria O  
 Unit Structures Inc Pompano Fla  
 Universal Atlas Cement Co 135 E 42nd St New York 17 N Y  
 Universal Battery Co 3410 S LaSalle Chicago 11 Ill  
 Universal Bleeder Co 1099 S Adams Birmingham Mich  
 Universal Bottle Corp 1815 E 11th St Chicago 11 Ill  
 Universal Clay Mfg Corp Birmingham N Y  
 Universal Concrete Pipe Co Inc High & Main Sts Columbus 15 O  
 Universal Drafting Machine Co 7960 Lorain Ave Cleveland 2 O  
 Universal Engineering Corp 639 West "C" Ave Cedar Rapids Ia  
 Universal Engr Co 3401 W Division Chicago 11 Ill  
 Universal Fabricating & Mfg Co East Ohio  
 Universal Fabricators 1901 Boone Ave Bronx N Y  
 Universal Form Clamp Co 1238 N Kottner Ave Chicago 53 Ill  
 Universal Hotel & Mfg Co Cedar Falls Ia  
 Universal Insulating Co West Port O  
 Universal Mfg Corp Cedar Falls Ia  
 Universal Motor Co 3234 Universal Dr Oklahoma City  
 Universal Plan Service Portland 4 Ore  
 Universal Roller Screen Co 4029 W Kinzie Chicago 11 Ill  
 Universal Rubber Corp Carleton St New Castle Pa  
 Universal Sanitary Mfg Co New Castle Pa  
 Universal Sewer Pipe Corp 32-35 47th Ave New York 1 N Y  
 Universal Steel Engr Corp 135-15 47th Ave New York 1 N Y  
 Universal Tapers Inc Fortia Ill  
 Universal Ventilation Blind Co 215 S Harmon Chicago 8 Ill  
 Uno Ventilator Co Cliffside Station Sagan Mass  
 Upson Co 43 Upson Pl Lockport N Y  
 Upson-Walton Co 1286 W 11th St Cleveland 13 O  
 Urans Lumber Co Urans La  
 Utah Ply Clay Co Salt Lake City Ut  
 Utah Pettite Prods Co Salt Lake City Ut  
 Utica Radiator Corp 2222 Dwyer Ave Utica N Y  
 Utility Appliance Corp 4951 S Alameda St Los Angeles 11 Calif  
 Utility Cabinet Co Los Angeles 3 Calif  
 Utility Trailer Mfg Co 3963 Modford St Los Angeles 54 Calif  
 Ovaido Rock Asphalt Co Box 531 San Antonio Tex

Vermontite Prods Inc Kansas City 6 Kan  
 Vermontite Prods Inc Houston Tex  
 Vermont Rubber Corp Burlington Vt  
 Vermont Shagbark Co Perkinsville Vt  
 Vermonton Trail Dir Menz Corp 338 W Lincoln Ave Mt Vernon N Y  
 Vestal Lumber & Mfg Co Knoxville Tenn  
 Vestal Store Co Building Specifications Dir Sweetwater Tenn  
 Victor Adding Machine Co 2900 N Rockwell St Chicago 11 Ill  
 Victor Electric Prods Inc 2950 Robertson Rd Cincinnati 41 Ohio  
 Victor Engineering Corp 27 Maplewood Ave Philadelphia 14 Pa  
 Victor Prods Corp Hagerstown Md  
 Victor Specialties New Rochelle N Y  
 Viking Air Conditioning Corp 5601 Walworth Ave Cleveland 14 O  
 Vining Mfg Corp 3747 Chester Ave Cleveland 14 O  
 Vinton Dies Co Washington 8 D C  
 Vire J (J) Co 2612 14th St S Minneapolis Minn  
 Virgo Car Sales Co 3001 E Fico St Los Angeles Calif  
 Vincent Clay Prods Co Ft Dodge La  
 Vision (E A) Lumber Co Greenwood Miss  
 Virginia Metal Prods Co Orange Va  
 Virginia Oak Flooring Co Pulaski Va  
 Visking Corp Merchandise Mart Plaza Chicago 18 Ill  
 Vitacord Inc Long Island City N Y  
 Vita Automatic Windows Inc 101 Park Ave New York 17 N Y  
 Vital Mfg Co 7500 Quincy Cleveland 4 O  
 Vita-Var Co 1180 Raymond Blvd Newark N J  
 Vitro Metal Prods Co 3200 E 83rd St Cleveland 5 O  
 Vitrified Wheel Co Emery Rd Westfield Mass  
 Vitro Mfg Co 60 Greenway Dr Pittsburgh 4 Pa  
 Vitro Mfg Co 6715 & Co Inc 239 Main St Kansas City Mo  
 Voltrich Co Sheboygan Wis  
 Von Steen (John H) Co Beatrice Neb  
 Vonstedt Moulder Corp Madison Ave at Caven St Indianapolis Ind  
 Voss Co New Haven Conn  
 Vortic Co Binghamton N Y  
 Votco Corp 2000 E 1st St New York 17 N Y  
 Voss (J P) Lumber Co Dubach La  
 Vredenburg Saw Mill Co Vredenburg Ala  
 V-real Corp Royal Oak Mich  
 Vulcan Electric Co 88 Holten St Denver Mass  
 Vulcan Iron Works Co 1423 South St Danvers 2 Cal  
 Vulcan Metal Prods Co Birmingham Ala  
 Vulcan Radiator Co 26 Francis Ave Hartford Conn  
 Vulcan Tool Mfg Co 140 Liberty St Quincy 69 Mass

W

Waag Electric Inc 54 Park Pl New York 17 N Y  
 Waabash Paper Box Co Terre Haute Ind  
 Waddell Co Inc Greenwood O  
 Wade Bros Co 141 Federal Boston Mass  
 Wardworth & Irwin Inc 123 NE Oregon St Portland 4 Ore  
 Ware Amling & Mfg Co Scranton & Barber Ave Cleveland 1 O  
 Warner Electric Corp 6410 Plymouth Ave St Louis 14 Mo  
 Warner Mfg Co Standard Conn  
 Warner Mfg Co Cedar Falls Ia  
 Warder Hardware Co Waldo Ala  
 Warner Hardware Co Philadelphia 2 Pa  
 Water Lumber Co Spokane 8 Wash  
 Walker-Gordon Laboratory Co Fishershire N J  
 Walker & Smith Lumber Co McMinnville Tenn  
 Walker-Turner Div Kearney & Trecker Corp 639 South Ave Plainfield N J  
 Wall (J B) & Co 134 S California Ave Chicago 12 Ill  
 Wallace Lumber & Mfg Co Sultan Wash  
 Wallace Mfg Co 1064 & Fayette M Kansas City Mo  
 Wallace Mill & Lumber Co Paramount Calif  
 Wallace Lumber Co Columbus Miss  
 Wall (F) Mfg Co 290 Erie St Grove City Pa  
 Wallright (M J) Land & Lumber Co Shawano Wis  
 Wall Rose Wash Inc 48 South St New York N Y  
 Walsh Refractories Corp Oak & Ferry Sts St Louis 7 Mo  
 Walters Mfg Co 136 Pennsylvania Ave Oakland Pittsburgh Pa  
 Wallkill Lumber Co Hammond La  
 Walton Lumber Co Everett Wash  
 Walton Plywood Co Everett Wash  
 Walworth Co 60 E 42nd St New York 17 N Y  
 Ward (Edgar T) Industries Inc 820 S Pulaski Mt Chicago 54 Ill  
 Ward La France Truck Corp 1950 Ward St Elkhart N Y  
 Wardlaw & Jordan National Market Buss 723 Union Arcade Bldg Davenport Ia  
 Ward Lumber Co Merton Wis  
 Ward Refrigerator & Mfg Co 6501 S Alameda Los Angeles Calif  
 Wardwell Mfg Co 3164 Fulton Rd Cleveland 9 O  
 Ware Laboratories 1827 Delaware Pkwy Miami Fla  
 Ware Co 219 N Broad St Philadelphia 7 Pa  
 Warner Lumber Co Asheville N C  
 Warner Mfg Co 801 16th Ave SE Minneapolis 14 Minn  
 Warner Pettite Lumber Co 1411 Franklin St La Grange Ind  
 Warner Ventilator Co Spring & Frank Sts La Grange Ind  
 Warp Bros 1104 N Cicero Chicago 51 Ill  
 Warren Co Oklahoma Ga  
 Warren (J) Mfg Co Montpelier O  
 Warren-Knight Co 138 N 12th St Philadelphia 7 Pa  
 Warren Shade Co Inc 2007 E Hennepin Ave Minneapolis 11 Minn  
 Warrenston Shingle Co Toledo Ore  
 Warren Tool Corp 105 W Adams Chicago 11 Ill  
 Warren Ventilation Blind Co Minneapolis 13 Minn  
 Warner Tool Co Dye St Wheeling W Va  
 Wares Finishing Co Cambridge Mass  
 Warren Co Goods Bldg Worcester Mass  
 Wash Co Inc 720 N Bowman Ave Danville Ill  
 Washington Brick & Lime Co Spokane Wash  
 Washington Door Co Tacoma Wash  
 Washington Iron Works Seattle 4 Wash  
 Washington Mfg Co Tacoma 1 Wash  
 Warren Ventilation Blind Co Minneapolis 13 Minn  
 Washington Steel Prods Inc E 11th St Tacoma Wash  
 Washington Stone Works Everett Wash

Washington Yonker Co Olympia Wash  
 Water Engineering Inc Cleveland 13 O  
 Waterbury Foundry Co Waterbury Conn  
 Waterbury Rope Co Inc 490 Park Ave Brooklyn N Y  
 Waterbury Tack Co 200 Fifth Ave New York N Y  
 Waterless Builders Inc 154 Ogden Ave Jersey City N J  
 Waterline Sales Co Cleveland 13 O  
 Waterline Div Empire Varish Co 2638 St 11th St Cleveland 4 O  
 Waterman-Waterbury Co 1121 Jackson St NE Minneapolis 11 Minn  
 Watson Sales Mfg Co Kansas City Mo  
 Washburn Motor Co Joy-Too Dr Washburn Wis  
 Washna Lumber Co Wauna Ore  
 Wash Lumber Co Woodville Ill  
 Washburn & Co 125 Third St Columbus 15 O  
 Washite Co 105 W Madison St Chicago 2 Ill  
 Wayne Agricultural Wks Inc Goldsboro N C  
 Wayne Chemical Corp 6241 Capeland Ave Detroit 17 Mich  
 Wayne Home Engr Co 801 Glasgow St Fort Wayne Ind  
 Wayne Mfg Co 5074 Western Detroit Mich  
 Weatherproof Co 1409 E 40th St Cleveland 3 O  
 Weatherproof Sidings Inc 255 Chandler St Buffalo 7 N Y  
 Weather-Proof Co 1409 E 40th St Cleveland 3 O  
 Weatherproof Prods Corp 329 Westport Rd Kansas City 2 Mo  
 Weather Seal Co 10 E Pearl St Cincinnati 2 O  
 Weather-Seal Inc Barabaton O  
 Weather-Seal Co Steubenville N Y  
 Weather-Sealing & Supply Co 1591 W 12th St Kansas City 7 Mo  
 Webb (Jervis B) 8901 Alpine Ave Detroit 4 Mich  
 Webb Mfg Co 211 Main St New York 17 N Y  
 Webb Prods Co Inc "G" & Columbia Sts San Bernardino Calif  
 Weber Electric Co Schererville N Y  
 Weber-Knapf Co Channahon Ill Jamestown N Y  
 Weber Rheumac & Fixture Co 8700 Arden Blvd Los Angeles Calif  
 Weber Veneer & Plywood Co Shawano Wis  
 Webster Electric Co Clark & DeKoven Sts Racine Wis  
 Webster (H E) Lumber Co Kansas City 6 Mo  
 Webster (Warren) & Co 17th & Park Sts Camden 5 N J  
 Webster (W F) Cement Co 224 Thurlbide Cambridge 41 Mass  
 Webster-McLain Co 641 W Lake St Chicago 11 Ill  
 Weiser (H C) Lumber Co Wilkes-Barre Pa  
 Weir (Henry) Mfg Co 841 Oak St Elkhart Ind  
 Weir-Bill Prods Co Box 23 Bonanza 3 Tex  
 Weillbitt Store Co 57-18 Flushing Ave Manhett N Y  
 Welco Co 952 Adams St Chicago 15 Ill  
 Well Built Mfg Co State Hwy 2738 nr Chisham Rock Cranford Bound Brook N J  
 Wellman Prods Co 1444 E 49th St Cleveland 5 O  
 Wells (Frank H) Co Bridgeville Pa  
 Wells (J W) Lumber Co Mountaineer Mich  
 Wells (J W) Lumber Co of Ala Montgomery 1 Ala  
 Wells Lams Corp 106 Cambridge St New York N Y  
 Welsh Lumber Co Memphis Tenn  
 Welsh & Sons Paper Co 426 W Larned St Detroit 25 Mich  
 Wendt Mfg Co 4234 N Lincoln Ave Chicago 15 Ill  
 Wentworth & Irwin Inc 123 NE Oregon St Portland 4 Ore  
 Wenzel (H) Tent & Duck Co 1023 Hickory St St Louis 8 Mo  
 Westcott Mfg Co Stamford Conn  
 Westcott Canvas Prods Co 609 Rippon St Brooklyn 17 N Y  
 Westcott (E D) Co Inc 395 Fifth Ave New York 16 N Y  
 Westco Waterpains Inc 748 Grayson St Berkeley 10 Calif  
 West Electric Heater Co 299 First St San Francisco 5 Calif  
 West Bend Engr Corp 299 S Water St West Bend Wis  
 West Coast Screen Co Los Angeles Calif  
 West Coast Plywood Co Aberdeen Wash  
 West Coast Screen Co Los Angeles Calif  
 West Coast Stained Shingle Co Seattle Wash  
 West Coast Wood Preserving Co 1115 4th Ave Seattle 1 Wash  
 West Dadd Lightning Conductor Corp Goshen Ind  
 Western Appliance Co Inc 5648-50 Grand River Ave Detroit 8 Mich  
 Western Brick Co 106 E Whitlary St Lockport N Y  
 Western Brick Co Danville Ill  
 Western Brick Co Clinton O  
 Western Brick & Supply Co Omaha Neb  
 Western Cartridge Co Div Oil Industries E Alton Ill  
 Western Chain Co 1816 W Belmont Chicago 15 Ill  
 Western Concrete Co American Bank Bldg Portland Ore  
 Western Door & Plywood Corp 900 SW Second Ave Portland Ore  
 Western Foundry Co 3400 SW Water Ave Portland 4 Ore  
 Western Lime & Cement Co 125 E Wells St Milwaukee Wis  
 Western Mineral Prods Co 1730 Madison NE Minneapolis Minn  
 Western Pettite Corp Phoenix Ariz  
 Western Pine Association West Big Portland 4 Ore  
 Western Pine Mfg Co 215 S Jackson St Spokane Wash  
 Western Prods Inc New Castle Ind  
 Western Sawdust & Milling Co 1502 W North Ave Milwaukee 5 Wis  
 Western Reserve Mfg Co 3708 E 93rd St Cleveland 5 O  
 Western Saw Works 1844 W Washington Blvd Los Angeles Calif  
 Western Stonecarver Co Monmouth Ill  
 Western Stone Co Colver City Calif  
 Western Stone Co Lebanon Mo  
 Western Vermiculite Co Denver Col  
 Western Wheel Barrow Mfg Co S Ft Smith Ark  
 Western Wire Prods Co 1421 S 19th St St Louis 4 Mo  
 Westingshouse Electric Corp Electric Appliances Div High Park Bldg 36 Hous  
 Westingshouse Electric Corp Electric Appliances Div 653 Page Blvd Springfield 2 Mass  
 Westingshouse Electric Corp Lamp Div Woodland N Y  
 Westingshouse Electric Corp Lighting Div 1216 50th St Cleveland 9 O  
 Westingshouse Electric Corp Appliances Div Woodland N Y  
 Westingshouse Electric Corp 306 Fourth Ave Pittsburgh 30 Pa  
 West Leachburg Steel Co Brecksville Pa  
 West Oregon Lumber Co Portland 5 Ore  
 West Side Lumber Co Palmdale Calif  
 West Virginia Brick Co Charleston W Va  
 West Virginia Lumber Co Elkin Va  
 Westway Lumber Co Box 2508 Seattle 14 Wash  
 West Wind Corp 1800 Airport Way Seattle 4 Wash

Westwood Mfg Co Box 2261 Terminal Annex Los Angeles 54 Calif  
 Wettrill (George D.) & Co 113 Arch St Philadelphia 6 Pa  
 Wehrhauer Sales Co First National Bank Bldg St Paul 1 Minn  
 What Cheer Clay Prods Co What Cheer Ia  
 Wheeler-Arnold Co Waukegan Ill  
 Wheeler Lumber Co Pine Bluff Ark  
 Wheeler-Osgood Co Box 1629 Tacoma 1 Wash  
 Wheeler Reflecto Co Congress & Atlantic Aves Boston 10 Mass  
 Wheeling Corrugating Co Wheeling W Va  
 Wheeling Furnace Corp Martins Ferry O  
 Wheeling Steel Corp Wheeling W Va  
 Wheeling Tile Co 31st & Kram Ave Wheeling W Va  
 Wheeland Co 27th & Broad Chattanooga 2 Tenn  
 Whittier-Greer Fireproofing Co Waynesboro O  
 Whitaker (Wm D.) Sedgwick & Cantor Sts Philadelphia 24 Pa  
 White Creek Shingle Co Backport Wash  
 White (David) Co 519 W Court St Milwaukee 12 Wis  
 Whitehall Metal Studio Inc 469 E Ohio Chicago Ill  
 White Hall Sewer Pipe & Stencware Co White Hall Ill  
 Whitehead (Jas) Heater Co 4111 Broadway Oakland Calif  
 Whitehead & Kales Co W & E Square Detroit Mich  
 Whitehead Metal Prods Co Inc W 10th & Washington Sts New York 14 N Y  
 White Horse Mill Co Inc Enumclaw Wash  
 Whitehurst (E W) Mfg Corp Cooke & Dennison Norfolk Va  
 Whiteman Mfg Co 3249 Catalina Ave Los Angeles 39 Calif  
 White Mfg Co Gardena Calif  
 White Mop Wringer Co 4700 Mohawk Fullertonville N Y  
 White Motor Co 842 E 98th St Cleveland 1 O  
 White Pine Lumber Co Orofino Id  
 White Pine Sash Co Spokane 7 Wash  
 White River Lumber Co Enumclaw Wash  
 White River Timber Co Bergland Mich  
 White Rogers Electric Co 1209 Cass Ave St Louis 6 Mo  
 White's (S B) Sons Inc 47 Rodney Norfolk Va  
 White Star Lumber Co White Wash  
 White Wood Prods Co 317 S Border Dr Bogalusa La  
 Whiting Corp 15613 Lathrop Ave Harvey Ill  
 Whitchurch Corrugate Co 48 South St New York 5 N Y  
 Whitney (Baxter D) & Son Inc Winchendon Mass  
 Whitney (Vincent) Co 150 10th St San Francisco 3 Calif  
 Whittier Mills Co Chattahoochee Ga  
 Wickwire Bros Inc 189 Main St Cortland N Y  
 Wickwire Spencer Steel Div Colorado Fuel & Iron Corp 500 Fifth Ave New York 18 N Y  
 Wilbur & Williams 31 St James Ave Boston Mass  
 Wilcox Crittenden & Co 55 S Main St Middletown Conn  
 Wilde Drog Forge & Tool Co 2942 Fairmount St Kansas City 8 Mo  
 Wiley (John) & Sons Inc 440 Fourth Ave New York 16 N Y  
 Willy (E & W) Corp 129 Kearney St Buffalo N Y  
 Wilhelm (A) Co Div Glidden Co Third & Bern Sts Reading Pa  
 Wilkie Co 5524 Arch St Philadelphia 39 Pa  
 Willamette Valley Lumber Co Dallas Ore  
 Williams Lumber Co Williamsina Ore  
 Willapa Harbor Lumber Mills Raymond Wash  
 Willapa Shingle Co Box 707 Raymond Wash  
 Willard Concrete Machinery Co Ltd Lynwood Calif  
 Will-Burt Co 12 Roy St Orrville O  
 Williams Clay Prods Co Portland Ore  
 Williams-Bowman Rubber Co So 54th Ave Cleveo Ill  
 Williams-Brownell Planning Mill Co Asheville N C  
 Williamsburg Steel Prods Co 92 Quar St Brooklyn 22 N Y  
 Williams (C K) & Co Easton 2 Pa  
 Williams Co 345 Bayson Ave London O  
 Williams Form Engineering Corp Madison & Garden Sts Grand Rapids Mich  
 Williams (J L) & Sons Sheridan Ark  
 Williams Mfg Co Sheridan Ark  
 Williams & McKethan Lumber Co Lynchburg Va  
 Williams Mill Co Inc Bouda N C  
 Williams Oil-0-Matic Div Eureka-Williams Co 1201 E Bell St Bloomington Ill  
 Williamson Heater Co 4558 Marburg Ave Cincinnati 9 O  
 Williams Prods Co Inc 6123 Cedar Ave Philadelphia 43 Pa  
 Williams Stone Lining Co Tenneson Mass  
 Williams & Voria Hardware Co Jackson Miss  
 Williams & Voria Lumber Co Chattanooga Tenn  
 Williams & Voria Saw Mill Co Birmingham Ala  
 Williams-Wallace Co 160 Hooper St San Francisco 7 Calif  
 Williams & Williams Prods Corp 326-28 E 44th St New York 17 N Y

Wills Mfg Co Inc Galeburg Ill  
 Willman Prods Co 1444 E 49th St Cleveland 3 O  
 Willy-Overland Motors Inc Wolcott Blvd Toledo O  
 Wilmer Metal Prods 2625 N Central Chicago Ill  
 Wilmington Casting Co Wilmington O  
 Wilson (A K) Lumber Co 165 W Wacker Chicago 1 Ill  
 Wilson-Albrecht Co 3545 Wooddale Ave Minneapolis 16 Minn  
 Wilson Cabinet Co Smyrna Del  
 Wilson (David) Lumber Co Lee La Hache E C Can  
 Wilson Foundry & Machine Co Pontiac 11 Mich  
 Wilson (Grant) Inc 141 W Jackson Blvd Chicago Ill  
 Wilson Hardware Mfg Co 4432 S State St Chicago Ill  
 Wilson-Imperial Co 127 Chestnut St Newark 5 N J  
 Wilson (I G) Corp 372 Lexington Ave New York 17 N Y  
 Wilson Plastics Inc 121 Arthur St Sandusky O  
 Wilson Saw Div Media Machine Wks Inc Media Pa  
 Wilson Steel & Wire Co 4840 S Western Ave Chicago 9 Ill  
 Winchager Corp E Seventh & Division Sts Sioux City Ia  
 Winco Ventilator Co 1431 Veneta Ave St Louis 15 Mo  
 Windalume Corp 323 56th St W New York N Y  
 Wind (Jack) Electric Co Inc Minneapolis Minn  
 Window Conditioning Co 32 Brown St Barberton O  
 Winner Industries 1023 Washington Ave S Minneapolis 15 Minn  
 Winner Mfg Co Trenton N J  
 Winpewer Mfg Co 1225 First Ave Newton Ia  
 Winton Lumber Sales Co Martell Calif  
 Winton Lumber Sales Co 2609 Foshay Tower Minneapolis Minn  
 Wiremold Co Station A Hartford Conn  
 Witt & Knox Mfg Co 2206 W York St Philadelphia Pa  
 Wisconsin Abrasive Mfg Co 1300 E Park Pl Milwaukee 11 Wis  
 Wisconsin Brick Corp Madison Wis  
 Wisconsin Door Co 10101 Lynden Detroit 21 Mich  
 Wisconsin Laboratories Inc Milwaukee Wis  
 Wisconsin Laminating Co Chilton Wis  
 Wisconsin Lannon Stone Corp Milwaukee Wis  
 Wisconsin Timber & Land Co Sibleyburg Wis  
 Wils (J) & Sons Co 45 Littleton Ave Newark N J  
 Witt Corlies Co 2113 Winwell Ave Cincinnati 14 O  
 Witte Engine Wks Div Oil Well Supply Co 1601 Oakland Ave Kansas City 3 Mo  
 Wittig Mfg & Sales Co 12100 S Peoria Chicago Ill  
 Wodack-Eligric Tool Corp 4627 W Huron St Chicago 44 Ill  
 Wogan-Wilson Land & Lumber Co Meridian Miss  
 Wolfe (Harry M) 666 Lake Shore Dr Chicago 11 Ill  
 Wolfe Products Inc 765 Miami Ave Akron O  
 Wolfanger Steel Corp Div Aetna Steel Prods Corp 730 Fifth Ave New York 19 N Y  
 Wolverine Brass Wks Grand Rapids Mich  
 Wolverine Porcelain Enameling Co 3350 Scouten Ave Detroit 10 Mich  
 Wolverine Portland Cement Co Kalamazoo 9 Mich  
 Wolverine Tube Div Calumet & Hecla Consolidated Copper Co 1465 Central Ave Detroit 9 Mich  
 Wonder Window Co Filchburg Mich  
 Woodall Industries Inc 7557 E McNichols Rd Detroit 34 Mich  
 Wood Beantrees Seattle Wash  
 Wood Conversion Co First Natl Bank Bldg St Paul 1 Minn  
 Woodcraft Industries Inc 3244 W Foster Ave Chicago 25 Ill  
 Woodcraft Mfg Co Farmington Minn  
 Wood (E K) Lumber Co 727 Kennedy St Oakland Calif  
 Woodburn Plywood Co Hongiam Wash  
 Wood Lumber Co Birmingham Ala  
 Woodmark Industries Inc 4601 Highway Seven Minneapolis 16 Minn  
 Wood Reasite Co Highland Pk Louisville 9 Ky  
 Wood Products Co 421 Phillips Ave Toledo 12 O  
 Woodrow Engineering Co 5073 Broadway Chicago 40 Ill  
 Woods Creek Shingle Co Sedro Woolley Wash  
 Woods Lumber Co Inc Memphis Tenn  
 Woods (A M) Machine Co Danrell & Alger Sts Boston 27 Mass  
 Wood Treating Chemical Co 5137 Southwest St Louis 10 Mo  
 Woodville Lumber Co 2140 Jefferson Toledo 2 O

Woodward Lumber Co Cottage Grove Ore  
 Woodward Walker Bowen Inc Shureport La  
 Woodworkers Tool Wks 232-24 S Jefferson St Chicago 6 Ill  
 Woods (W W) Lumber Co Racine Miss  
 Woolery Stone Co Inc Bloomington Ind  
 Wooster Brush Co 600 Madison Ave Wooster O  
 Wooster Products Inc Leach & Wyant Sts Wooster O  
 Wooster Rubber Co Wooster O  
 Worthington Pump & Machy Corp 261 Canal St Holyoke Mass  
 Worthington Pump & Machy Corp Ransome Construction Equip Sales Div Duellen N J  
 Wotton Steel Hose & Rubber Co Trenton N J  
 Wright Hoist Div American Chain & Cable Co Inc 1100 E Princeton St York Pa  
 Wright (J Walter) Lumber Co Bristol Tenn  
 Wright Mfg Co Wright Rubber Prods Div Box 6567 Houston 5 Tex  
 Wright Products Inc St Paul Park Minn  
 Wrightville Hardware Co Wrightville Pa  
 Wurdack Chemical Co 4977 Fyler St St Louis 9 Mo  
 Wurdack (William) Electric Div Federal Electric Prods Co 4400 Clayton Ave St Louis 10 Mo  
 Wyandotte Chemicals Corp Allank Sq Wyandotte Mich  
 Wyckoff (A) & Son Co Elmira N Y

**X**

X-Pando Corp 43-15 36th St Long Island N Y

**Y**

Yale & Towne Mfg Co Stamford Conn  
 Yankee Hill Brick Mfg Co Lincoln Neb  
 Yankee Tile & Pipe Mfg Co 5055 Belleville Detroit Mich  
 Yardley Industries Farm & Town Sts Columbus 15 Mo  
 Yarrow-American Machine Co 701 Fourth St Beloit Wis  
 Yensky-Bissell Lumber Corp White Lake Wis  
 Yellow Pine Sales Co Newark N J  
 Yeoman-Hoag Co Montville Ia  
 Yonkers Sash Weight Corp Yonkers 1 N Y  
 York Corp Roosevelt & Smith Sts York Pa  
 York Corrugating Co 100 E Adams St York Pa  
 York Safe & Lock Co York Pa  
 York-Shibley Inc Box 349 York Pa  
 York Tack & Nail Works York Pa  
 York Wall Paper Co York Pa  
 Youngman-Reynolds Lumber Co Montgomery Ala  
 Young (J O) Co 55 Laurel St Springfield Mass  
 Young (L A) Spring & Wire Corp Detroit Mich  
 Young Radiator Co 709 S Marquette St Racine Wis  
 Young Regulator Co 5209 Euclid Ave Cleveland 3 O  
 Youngs Bay Lumber Co Roseburg Ore  
 Young Specialty Co Milwaukee Wis  
 Youngstown Mfg Co 66-76 S Prospect St Youngstown O  
 Youngstown Plywood Co 1028 W Raven Ave Youngstown O  
 Youngstown Sheet & Tube Co Furnell Bldg Youngstown 1 O  
 Youngstown Steel Products Co Youngstown O

**Z**

Zahner Mfg Co 1213 Walnut Kansas City Mo  
 Zehers Inc 8090 S Chicago Ave Chicago 17 Ill  
 Ziegler Hardware Co Franklin N C  
 Ziegler Concrete Products Marly Co Waterloo Ia  
 Zierden Mfg Co 3815 S Kinzie Ave Milwaukee Wis  
 Zimmerman (F M) Aurora Ill  
 Zink (Frank H) 141 W Jackson Chicago 4 Ill  
 Zinsser (William) & Co Inc 513 W 99th St New York 19 N Y  
 Zio Abrasive Co 1360 W Ninth St Cleveland 13 O  
 Zonolite Co 135 S LaSalle St Chicago 3 Ill  
 Zonolite Insulation Co St Louis 10 Mo  
 Zorn Lumber Co Oroville Wash  
 Zoss Ladder & Mfg Co 4801 SW Macadam Ave Portland 1 Ore  
 Zorn (J A) Mfg Co Erie Pa

*Only*

THE

# OVERHEAD DOOR™

TRADE MARK

- ★ MIRACLE WEDGE ★
- ★ SALT SPRAY STEEL ★



TRADE MARK

COPYRIGHT, 1951, OVERHEAD DOOR CORPORATION

# OVERHEAD DOOR CORPORATION

Hartford City, Indiana, U.S.A.

MANUFACTURING DIVISIONS

GLENSALE, CALIFORNIA  
 OKLAHOMA CITY, OKLAHOMA

DETROIT, MICHIGAN  
 PORTLAND, OREGON

HILLSIDE, NEW JERSEY  
 LEWISTOWN, PENNSYLVANIA

CORTLAND, NEW YORK  
 DALLAS, TEXAS

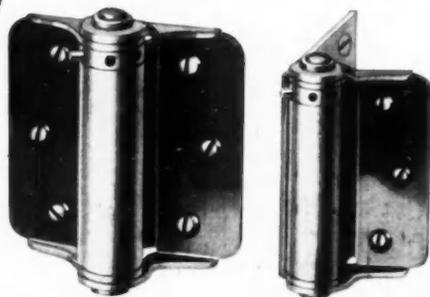
# IT'S SPRING SCREENING TIME

**and time to select hardware  
for screens and screen doors**

The National line of Screen Hardware is too extensive to catalog in a single advertisement. For example, while only two types of National Adjustable Spring Hinges are shown on this page, National also manufactures spring hinges without the adjustable feature. It is suggested that you ask your National Dealer to show you the National Wall Chart which illustrates every item.

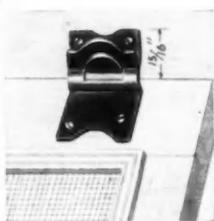
To conserve time and energy it is recommended that you obtain National packaged hardware sets. In each package you will find all screws and accessories for one complete installation. No searching for screws or misplaced items.

**NATIONAL  
HARDWARE**  
Popular in the  
building field  
for 50 years!



No. 125 Adjustable Full Surface Spring Hinge

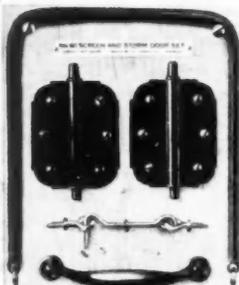
No. 126 Adjustable Half Surface Spring Hinge



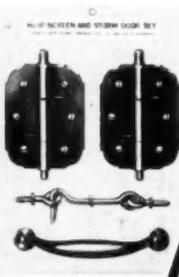
No. 80 Screen and Storm Sash Hanger



No. 79 Screen and Storm Sash Hanger



No. 90 Screen and Storm Door Set



No. 91 Screen and Storm Door Set

**NATIONAL**  
Manufacturing Company  
STERLING • ILLINOIS

**50<sup>th</sup>**  
ANNIVERSARY  
YEAR 1951

**NATIONAL**  
Manufacturing  
Company