

Wisconsin Architect

JANUARY 1977

Roster Issue

A Publication of the Wisconsin Society of Architects, American Institute of Architects



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Wisconsin Architect

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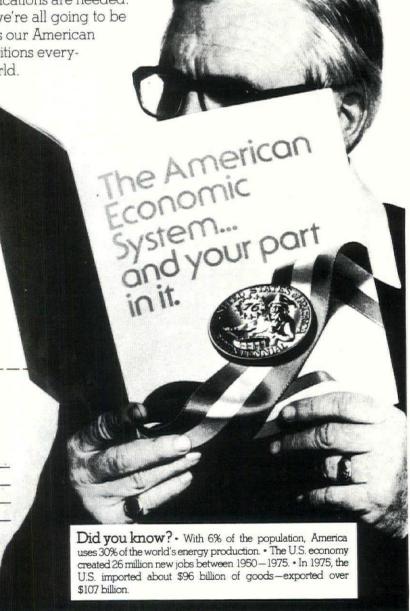
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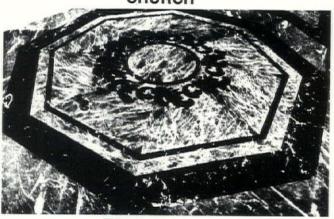




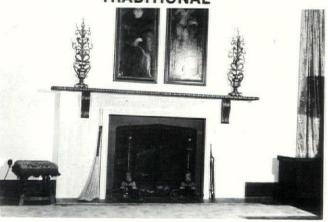
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PRESIDENT'S LETTER

Dear WSA Member:

1977 presents a challenge both to the architectural profession and in turn the professional society. It is necessary during the coming year for us to expand our outreach through completion of a successful membership effort started during the past year. Secondly, we must improve communications to each other, to the Institute, to the government and to the public in general.

The above are sizable goals which we can achieve if we participate and work together. There are many opportunities for each member to take part in local Chapter activities and committees as well as those committees and programs at the State level. I urge you to drop me a line at the WSA Offices with your concerns and your interests in serving on specific committees.

In addition, this will be an especially busy year with legislative concerns important to architects and the construction industry. The success of WSA/AIA Minutemen effort in 1976 is a testimonial to the kind of work that can be done by your professional society through a concerted effort of participating members. With the Statute of Limitations now in effect, other issues before us center on Competitive Bidding on State projects, frivilous lawsuits, Plumbing Code centralization in State Offices, Registration, Recertification and more.

The WSA Officers, Executive Committee and staff along with Chapter officers will continue to keep you informed to the best of our ability through meetings, the Wisconsin Architect magazine, special minutemen mailings and other communiques.

A special thanks to Past President Dick Blake for his hard work during 1976. His leadership was evident as the WSA provided the many programs throughout the year.

Sincerely,

Wayne E. Spangler, AIA President Wisconsin Society of Architects



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DIRECTORS-AT-LARGE ELECTED

Congratulations are in order to those elected for two year terms on the Executive Committee. Elected were Henry K. Kanazawa and Ross T. Potter of the Southwest Chapter. Daniel Reginato, first runner up in the election, was appointed by President Wayne E. Spangler to fulfill the term of Lawrence E. Bray. Tellers for this years balloting were Wayne E. Spangler, AIA, John B. Hipp, AIA and Richard P. Blake, AIA.

Seven new members now start their service on the Society Executive Committee with the January meeting. In addition to Directors-At-Large, the following Vice Presidents start their terms of service: Thomas J. Miron, AIA, Northeast Chapter; James V. Hirsch, AIA, Northwest Chapter; Frederick E. Zimmerman, AIA, Southwest Chapter and Waiter E. Zoller, AIA, Southeast Chapter.

EXECUTIVE COMMITTEE ACTIONS

Treasurer John B. Hipp, AIA reported to the Executive Committee that the financial condition of WSA is encouraging and we have improved our financial situation over the past year. The complete financial report will be presented to the members at the April Convention . . . The Office Relocation Task Force is negotiating for new office space in a building very interesting architecturally and within three blocks of the present offices. The new quarters will provide additional space as well as a reduction in rental. The monies saved are to be used for additional programs for the members . . . The 1977 WSA budget was approved at \$126,940.00 . . . The Executive Committee approved the continuation of the agreement with legal counsel Ray A. Tomlinson for the legislative and legal services . . .

G.A.D. Schuett, AIA, was presented a certificate for his three years of service as Regional Director and his service to the Society. Saul Smiley, AIA, of Minneapolis, Minnesota, takes over as Regional Director serving the states of Wisconsin, Minnesota, North and South Dakota . . . Also receiving certificates for their service to the Wisconsin Society of Architects as directors of the Executive Committee were: Richard C. Shutter, AIA Past President; James J. Angus, AIA; Louis H. Fields, AIA; Gary J. Kucko, AIA; John H. Simonitsch, AIA; Robert P. Torkelson, AIA and Leonard A. Widen, AIA. President Richard P. Blake, AIA, was also presented a certificate in recognition of his excellent leadership of WSA in 1976 . . .

A plan deposit system, similar to others authorized by WSA, was approved for the Plumbing-Heating Fund of Green Bay and the Plumbing-Heating Contractors Association of Green Bay.

PROXMIRE RESPONDS

A letter to Senator Proxmire was reproduced in last month's issue of the Wisconsin Architect. It concerned works of art in budgets for Federal Building projects. Following is Senator Proxmire's response to Brian Larson, AIA:

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Proxmire (Continued)

Dear Brian:

I appreciate having your letter and the constructive tone of it.

There has been an explosion in the amount of money we spend in support of the arts. Further, in this country there are vast tax benefits for the arts so that we, in fact, give greater public support to the arts than elsewhere.

However, while I would not consider criticizing art or artists in any official way when they support themselves, when they are the direct recipient of taxpayers' funds then it is both my duty and responsibility to criticize.

Some of the works now outside federal buildings are very hard to justify. When we do criticize them we are too often told that we are too ignorant to criticize and that the artist knows best. The Pentagon tells us this when we criticize weapons too. I'm sorry but I do not buy that line. And in the architectural field, a glance at the Rayburn Building, the new FBI building, and the new HEW building in Washington, passed on favorably by the Fine Arts Commission, makes me even more certain that the judgment of the average person may be as good as that of the expert in this field. Some of those buildings are horrible.

With best wishes.

Sincerely, William Proxmire, U.S.S.

NEW MEMBER CAMPAIGN 200+

Have you talked to potential new members and submitted their names in the Campaign 200+ membership enrollment effort? Forty names have been submitted to the WSA Offices and appropriate applications have been sent. When the prospective member is approved by the Executive Committee, the current member sponsoring applicant earns points toward one of three weekends for two packages. Below are the descriptions of the incentive awards, the basis for determining the awards and the present status of the membership campaign.

Chairman Shutter urges, "there is much work ahead in the ensuing weeks to reach our goal of 210 members. It can be done if every member seeks at least one new member." There are over three hundred registered architects in Wisconsin who are qualified for membership but are not presently active in AIA. In addition there are approximately thirty two hundred in the state who are potential Associate, Professional Affiliate and Student Associate working in architecturally related occupations. If we achieve only 6% of the potential, we will reach our total goal of 210.

New Member Campaign (Continued)

FOR BRINGING IN NEW MEMBERS

You can share in prizes by encouraging other professionals to join us in WSA/AIA:

THREE FIRST PRIZES consisting of A WEEKEND VACATION FOR TWO at one of three Wisconsin's favorite resorts:

The Abbey on Lake Geneva OR
The Playboy Resort at Lake Geneva OR
The Olympia Princess in Oconomowoc

THE 4TH AND 5TH PRIZES will be \$50 worth of AIA documents and/or publications.

BASIS FOR DETERMINING AWARDS

We are using a point system to make the qualifying of winners equitable in our Campaign 200+. For every member you sponsor who is approved for membership you will earn points according to the following scale:

One New Corporate Member	50 Points
One New Professional Associate Member	25 Points
One New Professional Associate Member	25 Points
One New Professional Affiliate Member	23 FUITIS
One New Associate Member	20 Points
One New Student Member	5 Points

Incentive awards will be made on the total number of points accumulated by a member as of February 15, 1977.

DESCRIPTIONS OF FIRST PRIZES

The THREE FIRST PRIZE WEEKEND-FOR-TWO PACKAGES will consist of the following:

THE ABBEY offers the "Weekend Un-Winder Package":

- * Spacious Guest Room For Friday & Saturday Nights
- * Dinner Each Evening In The Monaco Dining Room
- * Breakfast Or Lunch Of Your Choice Saturday
- * All-You-Can-Eat Champagne Sunday Brunch
- * Tax & Gratuities On The Above

THE OLYMPIA PRINCESS offers the "Olympia Leisure Holiday Package":

- * 2 Nights Accommodations In A Luxury Packed Guest Room
- * 2 Dinners (\$9 Value Each. Surcharge If Over Allocated Amount)
- * 1 Breakfast
- * 1 Brunch On Sunday
- * A Cocktail Party Saturday With Hors D'Oeuvres & Unlimited Drinks
- Unlimited Use Of Health Spas (Not Including Massage)

THE PLAYBOY RESORT offers the "Eat, Drink And Be Merry Package":

- * Deluxe Accommodations For Friday And Saturday Evening
- * A Dinner And Show In The Cabaret Showroom
- * An Evening Dinner In The Livingroom Or Playboy Club * Brunch In the Livingroom Both Saturday And Sunday
- * All Tax And Gratuities On The Above

New Member Campaign (Continued)

	Requests For Applications _	Approved New Members Sept. Thru Dec.*
Southwest Chapter Chairman Dale Volkening	14	7
Southeast Chapter Chairman Mark Pfaller, FAIA	12	11
Northwest Chapter Chairman Brian Larson, AIA	2	0
Northeast Chapter Chairman James Gabriel, AIA	12	6
WSA Total Chairman Richard Shutter, Ala	40 A	24**

^{*}Includes those from start of campaign publicity and transfers but not attributed to any one member for contest purposes — make sure you tell us of those **you** are asking to join when the request for application is made.

1977 WSA CONVENTION

NEW MARKETS: Weld Coxe, noted Consultant on Marketing Architectural Services will keynote the '77 Convention and moderate the Seminar Programs.

NEW METHODS: Seminars expanding the methods of selling architectural ideas and services.

NEW MATERIALS: A full house of exhibitors with the latest methods and materials.

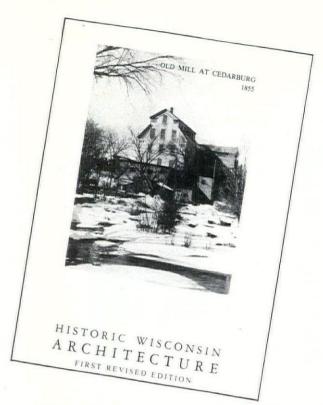
SAVE THESE DATES: April 26, 27, 28 — The Abbey, Fontana, WI

Each month we will be listing those suppliers who have contracted for exhibit space at the Convention.

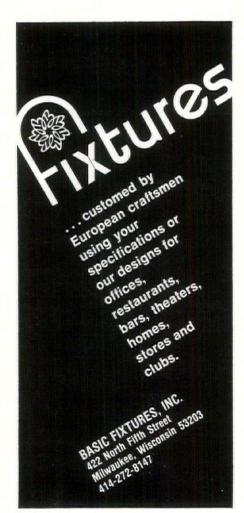
Look for exhibitors who have contracted for booth space as of January 1, 1977. They are:

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^{**}As of this writing, 6 additional applicants are to be presented to the Executive Committee for membership in January.



The first revised edition of Historic Wisconsin Architecture is now available through the WSA/AIA office. See page 57 for the appropriate order blank.





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PEOPLE/ ACTIVITIES

Robert L. Yarbro and Richard J. Kempinger have announced their association as Yarbro-Kempinger, Architects, effective January 1, 1977.

Bob Yarbro, a partner in the firm of Sandstedt-Knoop-Yarbro/Sandstedt-Yarbro & Associates for 20 years, has been practicing as an individual under the name of Sandstedt-Yarbro & Associates since Julius Sandstedt's retirement on December 31, 1975.

Dick Kempinger, a registered Architect in the State of Wisconsin, and a lifelong resident of the City of Oshkosh, was employed with the firm of Sandstedt-Yarbro & Associates, for the past ten years.

Yarbro-Kempinger, Architects is located at 1018 W. South Park Avenue, Oshkosh, Wisconsin, and looks forward to serving the architectural needs of the community, as well as the State of Wisconsin.

Michael Metcalf & John Haefner have announced the formation of a new architectural firm called Metcalf Haefner — Architects, with offices at 1133A Main Street, Stevens Point, Wisconsin 54481 and Flat Iron Building, Wisconsin Rapids, Wisconsin 54494.

Orput Associates, Inc., an architectural firm currently located at 11611 W. North Avenue in Wauwatosa, recently announced that Kenneth L. Lamers, architect, has joined their firm.

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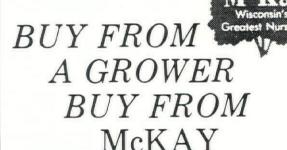
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Lamers takes over as a Design Manager, with responsibility for design and development of Orput projects.

Lamers, 38, has 16 years of experience in the architectural field, including work on civic, educational, and commercial projects in the Milwaukee area. He attended the Layton School of Art and Design in Milwaukee where he majored in Industrial Design.

MEMBERSHIP ACTIONS

The following membership actions were approved by the Executive Committee of WSA/AIA:

RALPH H. KLOPPENBURG advanced to Emeritus membership in the Southeast Chapter.

JEFFREY L. MARCOWITZ advanced to Professional Associate membership in the Southeast Chapter.

JEFFREY G. MOTHS was approved for Associate membership in the Southeast Chapter.

ROBERT L. PFIEFER advanced to Corporate membership in the Southeast Chapter.

FLORIAN REMITZ was approved for Corporate membership in the Southwest Chapter.

The resignation of ROBERT F. WILCOX, Southeast Chapter, was accepted.

HIRONS PRIZE, 1977

The National Institute for Architectural Education announces the 1977 Hirons Prize, an architectural design competition for "THE REHABILITATION, RECYCLING OR RESTORATION OF AN OLD OR HISTORIC BUILDING". The competition is open to all persons in the architectural field under 35 years of age, up to June 1, 1977, and who are not enrolled in a "full time" architectural academic program.

The program has been formulated to promote entrepreneurship in architecture. It offers the young professional the opportunity to submit a realistic proposal for the rehabilitation, recycling or restoration of a building in his own community. The proposals will be judged by a jury from the NIAE and invited guests. Winners will be awarded prize funds with which to complete their proposals so that they can be used by the competitors in their community, city or region to assist them in bringing such proposals to fruition as projects.

The competition may be done any time between January 15 and June 15, 1977. All persons interested may obtain a copy of the program by writing to: Howard H. Juster, Director of Education, National Institute for Architectural Education, 139 East 52 Street, New York, New York 10022.



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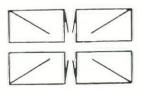
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BRUNNER SCHOLARSHIP

The New York Chapter, American Institute of Architects seeks applicants for the 1977 Brunner Scholarship Award.

It is open to any citizen of the United States engaged in the profession of architecture and its related fields who has a professional background more advanced and broader in scope by actual experience than is generally implied by four or five years of architectural school training.

"Its purpose is to further the development of architecture in the United States by granting one or more Scholarships, usually annually, for advanced study in some special field of architectural investigation which, in the judgement of the Chapter, will most effectively contribute to the practice, teaching, or knowledge of the Art and Science of Architecture."

The successful candidate will be awarded up to \$5,000 to finance his or her study, and will be required to meet a specific time schedule.

Application forms available to January 17, 1977.

Proposals may be submitted to February 7, 1977.

Announcement of award will be made in July 1977.

New York Chapter American Institute of Architects 20 West 40th Street New York, New York 10018

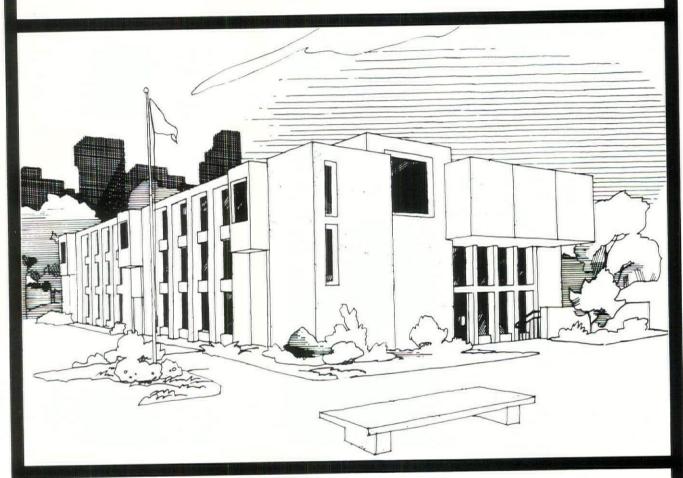
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THIS ISSUE . . .

It is a good time to take another good look at the ads as many feature new products or services. The Editorial Advisory Board would also like to remind you that you can make a substantial contribution to the WSA and its magazine simply by mentioning to the advertisers with whom you have contact, that you saw his ad in the Wisconsin Architect.

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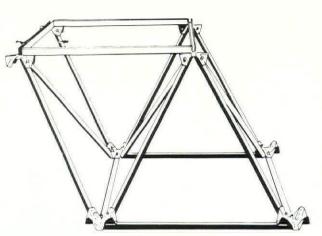
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Details on eligibility and application requirements for each of the AIA Scholarship programs are available from AIA's Education Programs Director at AIA Headquarters, tel. 202/785-7349.

WISCONSIN ARCHITECT MAGAZINE REQUESTS PROJECT MATERIAL The Editorial Advisory Board will welcome information concerning projects to be considered for publication in theme issues for 1977. The purpose of the theme issues being a forum for the presentation of current projects by the membership. Projects should have been in design or built during 1976 and should include size, cost, location, clients, a paragraph describing the program and design considerations and photographs or rendering suitable for black and white production. The theme for February, 1977 issue — HOUSING. Material must be received at WSA Office no later than January 24, 1977.

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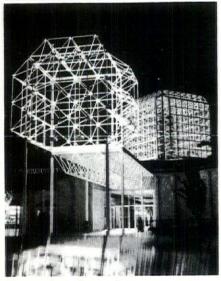


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HANEY, Wayne H., AIA, 4512 Wilson Road, Kenosha, WI 53140
HARPER, Charles H., AIA, 2011 E. Capitol Drive, Milwaukee, WI 53211
HERBST, Roger M., AIA, 1249 N. Franklin Place, Milwaukee, WI 53202
HIPP, John B., AIA, 605 E. Wisconsin Avenue, Milwaukee, WI 53202
HORN, Robert L., AIA, 138 North Avenue, Hartland, WI 53029
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JOHNSON, Glenn M., AIA, 110 E. Wisconsin Avenue, Milwaukee, WI 53202

JUERISSON, Raimond, AIA, 11121 W. Oklahoma Avenue, West Allis, WI 53227

KAHLER, David T., AIA, 733 N. Van Buren Street, Milwaukee, WI 53202
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KLOPPENBURG, Ralph H., FAIA, 5856 N. Port Washington Road, Milwaukee, WI 53217

KLUMB, Paul J., AIA, 9800 W. Bluemound Road, Milwaukee, WI 53226
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LEHMAN, David H., AIA, 7218 W. North Avenue, Wauwatosa, WI 53213 LOVE, Howard J., AIA, 4465 N. Oakland Avenue, Milwaukee, WI 53211 LOUGHIN, Paul R., AIA, 1919 N. Summit Avenue, Apt. 3A, Milwaukee, WI 53202

MAHER, J. Thomas, III, AIA, 2052 Summit Avenue, Milwaukee, WI 53202
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MILLMANN, Charles E., AIA, 2250 N. 72nd Street, Wauwatosa, WI 53213
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MOCHON, Clint, AIA, 11121 W. Oklahoma Avenue, West Allis, WI 53227
MOONEY, Terence R., AIA, 5645 N. Green Bay Avenue, Milwaukee, WI 53209

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OSBORNE, Edward Y., AIA, 161 W. Wisconsin Avenue, Milwaukee, WI 53203

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PATTON, Walker L., AIA, 4033 N. Richland Court, Milwaukee, WI 53211
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PEEPLES, Richard D., 6830 W. Villard Avenue, Milwaukee, WI 53218
PFALLER, Mark A., FAIA, 3112 W. Highland Blvd., Milwaukee, WI 53208
PHILLIPS, Donald J., AIA, 3525 N. 124th Street, Brookfield, WI 53005
PLUNKETT, James G., AIA, 6830 W. Villard Avenue, Milwaukee, WI 53218
POETHIG, Fred F., AIA, 9629 W. Lorraine Place, Milwaukee, WI 53222
PY, Arthur B., Jr., AIA, 9800 W. Bluemound Road, Milwaukee, WI 53226
REGINATO, Daniel D., AIA, 6830 W. Villard Avenue, Milwaukee, WI 53218
REUSS, Rae R., AIA, N88 W16751 Appleton Avenue, Menomonee Falls, WI 53051

ROSE, Francis J., AIA, 7255 W. Appleton Avenue, Milwaukee, WI 53216 ROWE, Drake W., AIA, 5730 Meadowview Road, Oconomowoc, WI 53066 SAAR, George Jr., AIA, 733 N. Van Buren Street, Milwaukee, WI 53202 SCHAEFER, Ralph E., AIA, 13446 N. Lakewood Drive, 3W, Mequon, WI 53092

SCHMITT, Eugene C., AIA, 2151 Ludington Avenue, Wauwatosa, WI 53226

SCHNEIDER, George G., AIA, 4465 N. Oakland Avenue, Milwaukee, WI 53211

SCHOLZ, Glen H., AIA, 735 W. Wisconsin Avenue, Milwaukee, WI 53233 SCHROEDER, Grayson L., AIA, 1922 E. Capitol Drive, Shorewood, WI 53211

SCHROEDER, Howard C., AIA, 4080 W. Riversedge Circle, Brown Deer, WI 53209

SCHUETT, George A. D., AIA, 7255 W. Appleton Avenue, Milwaukee, WI 53216

SCHUYLER, Peter J., AIA, 8221 N. Pelican Lane, Milwaukee, WI 53209 SEGEL, Sheldon, AIA, 305 South Third Street, Milwaukee, WI 53204 SEITZ, Charles M., AIA, 920 Goold Street, Racine, WI 53402 SELZER, Louis J., Jr., AIA, P.O. Box 383, 1055 Legion Drive, Elm Grove, WI

53122

SEUBERT, Lester G., AIA, 12106 W. Hadley Street, Wauwatosa, WI 53222 SHERBOURNE, Robert J., AIA, 2311 E. Newton Avenue, Shorewood, WI 53211

SHERER, Joseph J., AIA, 660 E. Mason Street, Milwaukee, WI 53202 SHERER, William J., AIA, 660 E. Mason Street, Milwaukee, WI 53202 SIMONITSCH, John H., AIA, 2119 E. Kenilworth Place, Milwaukee, WI 53202

SLATER, Thomas M., AIA, 733 N. Van Buren Street, Milwaukee, WI 53202 SPENCER, Brian A., AIA, 8219 Currie Avenue, Wauwatosa, WI 53213

WISCONSIN ARCHITECT REMINDERS

JANUARY FEBRUARY MARCH

SATURDAY	22		29		5		12	LINCOLN'S BIRTHDAY
SAT								LINCOLI
FRIDAY	21		28		4	10	11	WSA Mini-Grass Roots - Milwaukee WSA Awards Judging
THURSDAY	20	Wisconsin Council Of Professions MedSoc. Bldg. Madison	27	William Wenzler Talk On Housing Noon — UWM/ SARUP	က	Soil Testing UWEX/Madison	10	WSA Executive Committee Mtg. Energy Conserving Methods For HVG Systems
WEDNESDAY	19	10	26		2		6	
TUESDAY	18		25			ҮЯАИЯВЭ Э	8	
MONDAY	17	Final Date For WSA Entry Blanks And Fees AIA Grass Roots Houston	24	Deadline Housing Theme Material (See Article This Issue) N.E. Chapter WSA Sheboygan	31		7	Final Date WSA Awards Entries A Systematic Bldg. Material Evaluation
SUNDAY	16	YAAUNAL	23		30		9	Brunner Scholarship Entry Deadline

10	26	LO .	12	19
	25 Life Cycle Cost Analysis of Health Care Facilities UWEX/Madison	4	= 10 10	2
Wisconsin BuildingCode Refresher	Federal Programs Conference For Archit. & Enginr's New Orleans	8	Uninterruptible Power Systems UWEX/Milwaukee Effective Field Administration In Build'g Construction UWEX/Madison	17 ST. PATRICK'S DAY
	HSA & Health Facility Planning UWEX/Madison ASH WEDNESDAY	2	5	16
Southeast Chapter Mtg. Milwaukee	22	МАВСН	8	15
Projects For Valve Studies UWEX/Madison Rental Space Management UWEX/Madison VALENTINES DAY	Real Estate Development For Arch., Eng., Plan. UWEX/Madison	28	-	N.E. Chapter WSA/Manitowoc
	20	27	9	13

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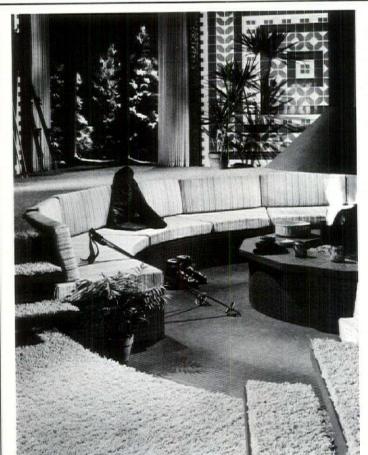
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TANNENBAUM, Abe A., AIA, 5822 W. Fond du Lac Avenue, Milwaukee, WI 53218

THALMAN, James D., AIA, 8053 N. Regent Road, Fox Point, WI 53217 TORKE, Thomas S., AIA, 1744 N. Farwell Avenue, Milwaukee, WI 53202 VAN LANEN, Robert J., AIA, 9030 W. Hadley Street, Milwaukee, WI 53222 VANSELOW, Gerald S., AIA, 3512 W. North Avenue, Milwaukee, WI 53208 VEGA, Jose' J., AIA, 114 Fox Street, Mukwonago, WI 53149

WADE, John W., AIA, School of Architecture, Engelmann Hall, Room 149A, Milwaukee, WI 53201

WALTZ, George D., AIA, 777 N. Jefferson Street, Milwaukee, WI 53202 WENZEL, Alvin P., AIA, 15255 Watertown Plank Road, Elm Grove, WI 53122

WENZLER, William P., FAIA, 205 W. Highland Blvd., Room 201, Milwaukee, WI 53203

WIDEN, Leonard A., AIA, 605 E. Wisconsin Avenue, Milwaukee, WI 53202 WILSON, Francis J., AIA, 3900 60th Street, Kenosha, WI 53140 WITKE, Leonard, AIA, 3333 N. Mayfair Road, Milwaukee, WI 53222 WOODS, Richard M., AIA, 9431 W. Beloit Road, Room 119, Greenfield, WI 53227

ZEMANOVIC, Rudolph, AIA, 9102 W. Cleveland Avenue, West Allis, WI 53227

ZIMMERMAN, Gary V., AIA, 3333 N. Mayfair Road, Milwaukee, WI 53222
ZOLLER, Walter E., AIA, 15255 Watertown Plank Road, Elm Grove, WI 53122

SOUTHEAST CHAPTER PROFESSIONAL ASSOCIATES

ANGELI, Bruce J., 3280 N. 53rd Street, Milwaukee, WI 53216
ANTHONIJS, Joseph G., 8225 W. Sheridan Avenue, Milwaukee, WI 53218
BEISEL, Mark L., 5342 W. Hemlock Road, Milwaukee, WI 53233
BELL, James H., 605 E. Wisconsin Avenue, Milwaukee, WI 53202
CETERA, William J., 3512 S. Sunset Drive, Milwaukee, WI 53220
DEPIETRO, Russell J., 101 Broad St., Lake Geneva, WI 53147
ESCHNER, Richard W., 2520 E. Beverly, Shorewood, WI 53211
ETTEN, Kenneth L., P.O. Box 469, Lake Geneva, WI 53147
FENSKE, Lyle G., N70 W13890 Brentwood Drive, Menomonee Falls, WI 53092

GALLUS, Douglas A., 1233 Lily Road, Oconomowoc, WI 53066
GENSLER, James L., 2777 N. Hackett Avenue, Milwaukee, WI 53211
GREENE, Jonathan M., 5149 N. Bay Ridge Avenue, Milwaukee, WI 53217
HANSON, Daniel C., N61 W15318 Wigwam Drive, Menomonee Falls, WI 53051

HOKANSON, Karl E., 315 W. Washington Street, Port Washington, WI 53074

HOWARD, Phillip L., 101 Broad Street, Suite 201, P.O. Box 469, Lake Geneva, WI 53147

JOKISCH, Robert O., 3015 N. 84th Street, Milwaukee, Wi 53222
JUNO, Clayton E., 11121 W. Oklahoma Avenue, Milwaukee, Wi 53221
KAH, Elmer M., 8721 Parkview Court, Wauwatosa, WI 53226
KARLSRUD, Lloyd A., 10827 W. Harvest Lane, Milwaukee, WI 53225
KNOPP, Robert G., 17025 W. Rogers Drive, New Berlin, WI 53151
KNORR, Michael J., Box 141, Pewaukee, WI 53072
KRUMINS, Eriks, 907 N. 10th Street, Room 419, Milwaukee, WI 53233
KUROWSKI, Stephen F., Jr., 4465 N. Oakland Avenue, Milwaukee, WI

LANGE, Waldemar W., 3920 W. Douglas, Milwaukee, WI 53209
MALETZ, John F., 3718 N. 92nd Street, Milwaukee, WI 53222
MARCOWITZ, Jeffrey L., 605 E. Wisconsin Ave., Milwaukee, WI 53202
MERLAU, Maurice R., 1212A Lincoln Avenue, Waukesha, WI 5318
MURPHY, John C., 1525 Howe Street, Racine, WI 53403
NEU, James G., 4777 Stevens Drive, Hubertus, WI 53033
ORLOWSKI, Thomas G., 11121 W. Oklahoma Avenue, Milwaukee, WI

PARSONS, David J., 2847 N. Shepard Avenue, Milwaukee, WI 53211
PEL, John C., 605 E. Wisconsin Avenue, Milwaukee, WI 53202
PFEIFER, Robert L., 9620 W. Greenfield Avenue, West Allis, WI 53214
REZELL, Reinold, 335 S. Elmridge Avenue, Brookfield, WI 53005
ROBAK, George E., 12001 W. Howard Avenue, Greenfield, WI 53228
SAN DIEGO, Pedro P., Jr., W278 N4857 Jessy Court, Pewaukee, WI 53072
SCHNARSKY, Anthony J., 3051 N. Prospect Avenue, Milwaukee, WI 53211

SPINDLER, David P., 4483 N. 84th Street, Milwaukee, WI 53225 SMITH, Donald R., 11551 Haleco Lane, Hales Corners, WI 53130 SMITH, Hall M., 2933 N. Hackett Avenue, Milwaukee, WI 53211 STORM, Elroy H., 10120 W. Melvina Street, Wauwatosa, WI 53222 SUTHERLAND, Roger A., 1665 N. Van Buren, Milwaukee, WI 53202 VILCINS, Talis, 3029 N. Bartlett Avenue, Milwaukee, WI 53211 WESTPHAL, Robert E., 2655 N. 72nd Street, Wauwatosa, WI 53213 WIARS, Dale M., 1940 Wauwatosa Avenue, Wauwatosa, WI 53213 ZITKA, George O., Jr., 3225 N. Main Street, Racine, WI 53402

SOUTHEAST CHAPTER PROFESSIONAL AFFILIATES

CATANESE, Anthony J., SARUP University of Wisconsin Milwaukee, Milwaukee, WI 53201

FREDERICKSEN, Bert, 3245 N. 124th Street, Milwaukee, WI 53222 GOULET, Donald L., 2900 N. 117th Street, Milwaukee, WI 53222 MILLER, Robert J., 9205 W. Center Street, Milwaukee, WI 53226 SAMPE, Charlotte R., 2765 N. 70th Street, Milwaukee, WI 53210 RATAI, Walter R., 6659 N. Sidney Place, Milwaukee, WI 53209

SOUTHEAST CHAPTER ASSOCIATES

ARNDT, Mark C., Box 193 RT #3, Eagle, WI 53119 BAUMAN, Carl W., 5186 Lynn Road, Greendale, WI 53129 BORKOWSKI, Leonard L., 2136 N. 73rd Street, Wauwatosa, WI 53213 BREWSTER, Jerome, 4125 N. 24th Place, Milwaukee, WI 53203 COOPER, Robert D., 3012 N. Maryland Avenue, Milwaukee, Wi 53211 DADIAN, Samuel, 4700 N. Wilson Drive, Milwaukee, WI 53211 DEQUARDO, George F., 1418 Hawthorn Drive, Waukesha, WI 53186 DE SWARTE, Walter F., 550 N. Park Place, Cedarburg, WI 53012 DRAGOS, Stephen F., 735 N. Water Street, Milwaukee, WI 53202 EARLL, Lawrence R., 4212 N. Oakland Avenue, Shorewood, WI 53211 FRANK, Leroy H., Box 397, Lannon, WI 53046 FRIEDRICH, Bruno R., 841 N. Broadway, Milwaukee, WI 53202 FUNDERBURK, Kenneth E., 4502 N. 57th Street, Milwaukee, WI 53218 GAARDER, David A., 2851 N. Shepard Avenue, Milwaukee, WI 53211 GALLING, Richard G., 1039 N. Cass Street, Apt. 24, Milwaukee, WI 53202 GRONEMEYER, Clifford H., 3624 N. 42nd Street, Milwaukee, WI 53216 HADDORFF, Dennis D., 777 N. Jefferson Street, Milwaukee, WI 53202 HASSELL, Kim D., 3512 W. North Avenue, Milwaukee, WI 53208 HOFFMAN, Thomas C.,2119 E. Kenilworth Place, Milwaukee, WI 53202 HYNEK, Norbert J., P.O. Box 3308, 2733 W. Wisconsin Avenue, Milwau-

JOHNSON, Mark P., 2555 N. Prospect Avenue, Milwaukee, WI 53211 KRAMER, Robert F., 13020 W. Bluemound Road, Elm Grove, WI 53122 KRIVISKEY, Bruce M., 3048-A N. Shepard Avenue, Milwaukee, WI 53211 KRUPKA, Francis O., 2321 E. Belleview Place, Apt. B, Milwaukee, WI 53211

kee, WI 53208

KUESTER, Earl C., 3203 N. Downer Avenue, Milwaukee, WI 53211
KUETEMEYER, George M., 2729 N. 94th Street, Milwaukee, WI 53222
LEHNEN, Thomas J., 10100 Santa Monica Blvd., Suite #760, Los Angeles, CA 90067

LEWCOCK, Robert E., 456 Thomas Road, Wales, WI 53183

MADRICH, Earl J., 4109 W. Haven Avenue, 108N, Mequon, WI 53092

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NIMMER, Peter A., 1135 N. Cass St., Apt. 7, Milwaukee, WI 53202
OLSON, Melvin E., 4811 W. Madison Avenue, Franklin, WI 53132
PFALLER, Mark F., II, 3112 W. Highland Blvd., Milwaukee, WI 53208
RAJSICH, David J., 6830 W. Villard Avenue, Milwaukee, WI 53218
REUSS, James C., N88 W16757 Appleton Avenue, Menomonee Falls, WI 53051

RYHN, Douglas C., 2850 N. Shepard, Milwaukee, WI 53211
SCHAEFER, James W.,13446 N. Lakewood Drive, Mequon, WI 53092
SCHLOEMER, Ervin J., 4248 S. 5th Street, Milwaukee, WI 53207
SCIANO, Jerald J., 5455 W. Burleigh Street, Milwaukee, WI 53210
STULHMACHER, David A., 2214 N. 63rd Street, Wauwatosa, WI 53213
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WILKE, Edward A., 16750 Golf Parkway, Brookfield, WI 53005
WILLIAMS, Paul B., 2723 N. Downer Avenue, Milwaukee, WI 53211
WILLMAS, James R., 606 S. 17th Avenue, West Bend, WI 53095
ZAHN, Charles J., 2511 N. Farwell, Apt. J., Milwaukee, WI 53211
ZIMMERMANN, H. Russell, 1744 Church Street, Wauwatosa, WI 53213

SOUTHEAST CHAPTER STUDENT ASSOCIATES

ALONGI, Philip S., 5348 N. 26th Street, Milwaukee, WI 53209
CAIN, John H., 1712 N. Prospect Ave., #1, Milwaukee, WI 53202
CARLSON, Michael D., 5139 N. 71st Street, Milwaukee, WI 53218
CARR, Donald, 4850 Easy Street, Apt. 224, Hartland, WI 53029
CARTWRIGHT, Gordon E., Jr., 2029 Madera Street, Apt. 10, Waukesha, WI 53186

CHARNON, John M., 5078 N. Cumberland Blvd., Whitefish Bay, WI 53217 CONNORS, Patrick T., 2025 E. Kenwood, Milwaukee, WI 53211 ERNEST, John R., 1671 N. Prospect, Apt. 103, Milwaukee, WI 53202 FLACH, Matt A., 3219 N. Summit Avenue, Milwaukee, WI 53211 FRANCOIS, Allan C., 6260 S. Lake Drive, #216, Cudahy, WI 53110 GAUDY, Michael L., 1009 N. Jackson Street, #506-B, Milwaukee, WI 53202

GORDON, Michael D., 4911 Woodfield Court, Apt. 8, Nashotah, WI 53058 HAKALA, Douglas B., N63 W15119 Pochonontas Drive, Menomonee Falls, WI 53051

HERWIG, Paul M., 3502 N. Prospect Avenue, Shorewood, WI 53211 HUMPHREY, Mark W., 1026 E. Whitaker Court, Milwaukee, WI 53207 JANZ, Wesley R., Basement Apt., 2803 E. Belleview, Milwaukee, WI 53211

KLETT, John L., 3009 N. Maryland Avenue, Milwaukee, WI 53211
KRAUSE, Robert P., Jr., 1500 Valley Ridge Drive, Brookfield, WI 53005
KRETCHMER, Gary A., 2076 Chateau Court, Apt. B-6, Grafton, WI 53024
KRUEGER, Gary F., 10111 W. Vienna Avenue, Wauwatosa, WI 53222
LITWIN, Layne L., 6511 247th Avenue, Paddock Lake, Salem, WI 53168
MIGNUCCI, Andres F., Sandburg Hall, 3400 N. Maryland Avenue, Milwaukee, WI 53211

MOSES, Donald J., 2413 E. Webster Place, Milwaukee, WI 53211
NIES, Kenneth B., 3400 N. Maryland Avenue, Milwaukee, WI 53211
NEITZEL, Larry C., 8255 - 26th Avenue, Kenosha, WI 53140
NOELKE, Joseph P., Jr., 2320 E. Belleview Place, Milwaukee, WI 53211
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RAMIREZ, Emilio S., 1616 E. Wood Place, Shorewood, WI 53211
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SOBEL, Charlotte B., 4442 N. Oakland Avenue, #27, Milwaukee, WI 53211
SAZAMA, John L., 1728 E. Newport Avenue, Apt. #17, Milwaukee, WI 53211

SPIEGEL, David B., Lake Terrace Apt. 9, 1508 E. Brady, Milwaukee, WI 53202

SPINDLER, Dennis M., 329 E. Juneau, Room 903, Milwaukee, WI 53202

SOUTHEAST CHAPTER EMERITUS

BISCHOFF, Theophil J., AIA, 215 River Street, Box 326, Lowell, WI 53557 BOGNER, Harry, AIA, 517 Lake Road, Oconomowoc, WI 53066 BRUST, Paul C., AIA, 429 Horseshoe Lane, Rt. #3, Mukwonago, WI 53149 FISCHER, Ernst, AIA, 2428 E. Bradford Avenue, Milwaukee, WI 53211 GRUNWALD, Gilbert O., AIA, 8141 Stickney Avenue, Wauwatosa, WI 53213

GURDA, Francis S., AIA, 5528 W. Jerelyn Place, Milwaukee, WI 53219 JOHNSON, Elmer A., Seagate Manor, Apt. 303, 400 Seasage Drive, Delray Beach, FL 33444

KEYMAR, Albert, AIA, 6315 W. McKinley Avenue, Milwaukee, WI 53213
KNUTSEN, Lloyd B., AIA, 27071 "C" Calle Caballero, San Juan, Capistrano, CA 92675

KRAUS, Edwin J., AIA, 235 Williamsburg Drive, Thiensville, WI 53092
LEENHOUTS, Willis C., FAIA, 3332 N. Dousman Street, Milwaukee, WI 53212

LEFEBVRE, Gregory G., AIA, 6408 N. Santa Monica Blvd., Milwaukee, WI 53217

LIBBY, Don P., 600 N. 95th Street, Milwaukee, WI 53226

MITTERHAUSEN, William H., AIA, 236 N. 90th Street, Milwaukee, WI 53213

PERRIN, Richard, W. E., FAIA, 9825 W. Concordia Avenue, Milwaukee, WI 53222

PFALLER, Mark F., AIA, 3112 W. Highland Blvd., Milwaukee, WI 53208 POLATZ, Walter, AIA, 8725 Jackson Park Blvd., Wauwatosa, WI 53226 SCHLEY, Perce G., AIA, 1922 E. Capitol Drive, Shorewood, WI 53211 SEITZ, AI J., AIA, 920 Goold Street, Racine, WI 53402

SLABY, Henry R., AIA, 2735 N. Sholes Avenue, Milwaukee, WI 53210
STEFFEN, Ray L., AIA, 9999 W. North Avenue, Apt. 117, Wauwatosa, WI 53226

STEPHENSON, Marvin S., AIA, Fairhaven 435, Starin Road, Whitewater, WI 53190

VON GROSSMAN, Frederick R., FAIA, Route #1, Box 217, Port Washington, WI 53074

WAGNER, Edwin A., AIA, Route 1, Box 9144, Amberg, WI 54102
WALLSWORTH, Allan G., AIA, 159 W. Tripoli Avenue, Milwaukee, WI 53207

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ANGUS, James J., AIA, 126 Jefferson Street, Janesville, WI 53545
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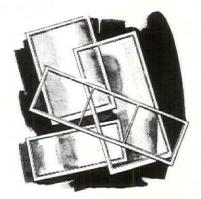


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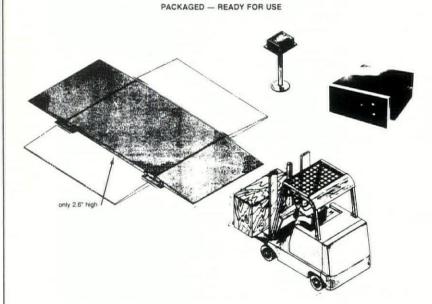
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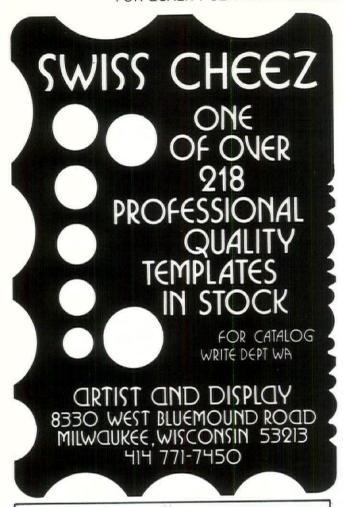
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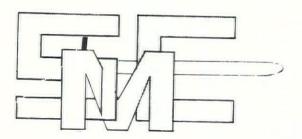
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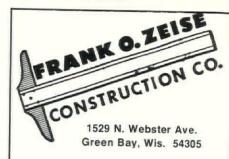
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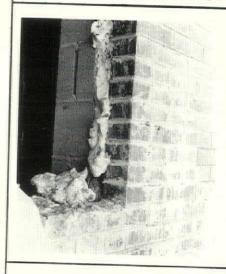
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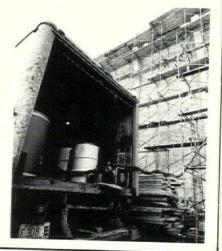
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FOAMED-IN-PLACE THERMAL AND ACOUSTICAL INSULATION





PABST BREWERY

10 th & Juneau, Milwaukee, Wis. April 1976

Architect: Chas. Yoder & Assoc.

General Contractor: Hunzinger Const., Inc.

1. PRODUCT NAME

Foamed-in-place insulation Rapco-Foam®

2. MANUFACTURERS

Rapco Chemical, Inc. Box F, Mayesville, S.C. 29104 Phone: (803) 453-2011 and Rapperswill Corp. 305 East 40th St. New York, N.Y. 10016 Phone: (212) 986-7030

3. PRODUCT DESCRIPTION

Basic Uses: Thermal and acoustic insulation. For application in floors, walls. partitions, pipe chases and other building cavities.

For use in houses, apartments, office buildings, manufacturing and commercial facilities, laboratories, sound studios, ships and other construction. Can be used for remedial work in occupied buildings as well as in new construction.

Limitations: The material should not be used where it will be subject to temperatures in excess of 210°F for prolonged periods. In exposed applications it requires a protective surface to prevent mechanical damage.

Composition & Materials:
Rapco-Foam is a modified ureaformaldehyde resin, formulated in accordance with the patented Isoschaum
process. It is cold-setting and forms
a low-density, non-combustible resilient foam. The material has the
ability to flow into odd-shaped
spaces, around wires, piping, etc. Set-

SAVE THIS SPECIFICATION SHEET

ting takes place 10 to 60 seconds after it leaves the applicator gun. The material can be trowelled before setting.

There is no further expansion of the material after it leaves the applicator gun. Voids can be completely filled without danger of subsequent pressure build-up.

Applicable Standards: Applicable Standards are shown in Table I.

4. TECHNICAL DATA

Thermal conductivity: k-factor (ASTM C 177-63) nominally 0.2 at 70°F and 0.18 at 35°F mean temperature.

Sound Absorption: In a 15% inch metal stud and plaster wall it improves the sound transmission class (STC) from 37 to 44. In dry wall construction it reduces sound transmission from 5 to 7 decibels.

Sound Absorption

Foam Thick- ness (In.)	100	So Free 200	3200	6400			
1¼	9	23	58	70	89	78	77
1½	10	34	78	85	93	86	79
2	12	44	83	92	95	92	83

Table I—Physical Properties

Property	Value	Test Method
Thermal Conductivity (K-factor), norm. at 70°F at 35°F (1) Density, standard, Ibs./ft.3 Fresh Weight, Ibs./ft.3 (2) Linear Shrinkage, normal, per cent Moisture Absorption, 24 hours in wet cavity wall, percent by weight Water Vapor Transmission, 24 hours in wet cavity wall, perms (3) Combustibility, Noncombustible below °F Surface Burning Characteristics (foam exposed) Flame spread Smoke Density Fuel Contributed	0.2 0.18 0.7 2.5 1.8 - 3. 2. 32 - 38 1208 25 0 - 5 10	ASTM E 96-66 (Proced. B) ASTM E 96-66 (Proced. B) ASTM E 136-65 ASTM E 84-70

(1) Density can be varied from 0.6 to 1.0 lbs./ft.3

(2) Rapid or forced drying may cause shrinkage in excess of 3 per cent; slow drying will hold shrinkage

(3) 1208°F heat causes material to decompose, releasing water vapors and, from a 2-gram sample in 5 cu. ft. cavity, 177 parts per million CO, 52 ppm HCHO, 7 ppm HCN, 59 ppm NH3 and 8 ppm NO₂.

The ten-point Spec-Data® format has been reproduced from publications copyrighted by CSI, 1964, 1965, 1966, 1967, and used by permission of The Construction Specifications Institute, Inc., Washington, D. C. 20036

Structure & Density: The structure is a microscopic sized cell agglomeration interspersed with microscopic capillaries which are irregular and discontinuous.

The standard density of Rapco-Foam is 0.7 lbs. cu. ft., although the density can be varied from 0.6 to 1.0 lbs. cu. ft. When fresh it weighs 2.5 lbs. cu. ft. at the standard density. It has 60% closed and 40% open cells.

Volumetric Stability: Temperature or humidity variations will not cause Rapco-Foam to change volume or exert pressure.

Normal shrinkage during the drying out period is 1.8% to 3% linear. Rapid or forced drying may cause shrinkage in excess of 3%; slow drying will hold the shrinkage to 1.8% or less.

Resilience: Rapco-Foam is a resilient material with a very high vibration resistance. The foam will support only light loads.

Moisture Effects: Rapco-Foam will not hydrolyze. Moisture absorption in wet cavity wall over 24 hour period, 2% by weight. Water vapor transmission, 32-38 perms (ASTM E 96-66, Procedure B).

Fire Behavior: Non-combustible per ASTM E 136-65. Will not ignite up to 1208°F.

ASTM E 84-70 with foam exposed, flamespread 25. Smoke density 0.5, fuel contributed 10.

Approved for use in New York City under MEA No. 55-73-M.

Gas Evolution: When subjected to a flame or radiant heat of 1208°F,

the material decomposes, releasing water vapors and, from a 2-gram sample in a 5-cubic-foot cavity, 177 parts per million CO, 52 ppm HCHO, 7 ppm HCN, 59 ppm NH3 and 8 ppm NO₂.

Toxicity: The material is nontoxic per Federal Hazardous Substances Act and complies with New York City Building Law.

Pest Resistance: The de-oiling effect of Rapco-Foam makes it a hostile environment for rodents, and insects.

The material is completely resistant to the common Mucor, Aspergilli and Alternaria types of mold. In addition, the foam is mildly bactericidal.

5. INSTALLATION

Preparatory Work: No preparatory work required. In existing structures the foam can be applied through an opening as small as one inch in diameter.

Methods: Rapco-Foam is applied from a patented gun, within which the foaming takes place. There is no further expansion after the foam leaves the gun. Working pressure of the gun is 65 lbs./sq. in.

Application can be made at any temperature, provided the components can be brought to the foaming apparatus at temperatures between 55°F and 85°F. The foam can be applied through open frames or through metal lath. Once in place it can be smoothed over with a trowel and sheathed over immediately. A typical between-studs

void is completely insulated in less than two minutes. The cured foam can be removed and replaced by hand.

Cure Stages: Initial setting takes place from 10 to 60 seconds after the foam leaves the applicator gun. Additional curing takes place within 2 to 4 hours, during which the foam acquires resilience. Drying takes 1 to 2 days; longer if in closed cavities or in very cold weather.

6. AVAILABILITY AND COSTS

Availability: Rapco-Foam is installed by

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COST: Competitive with loose fill poured on site products (c.e. zonolite or pearlite.)

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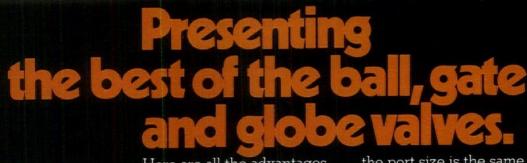
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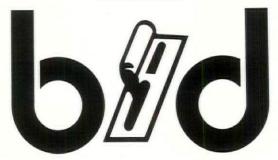
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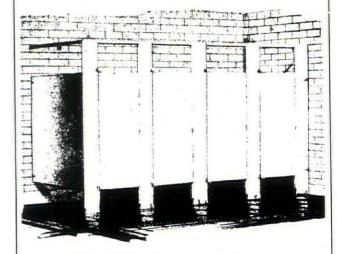


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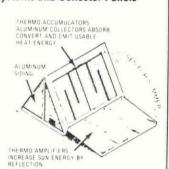
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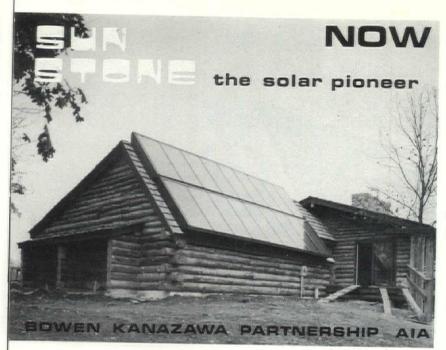
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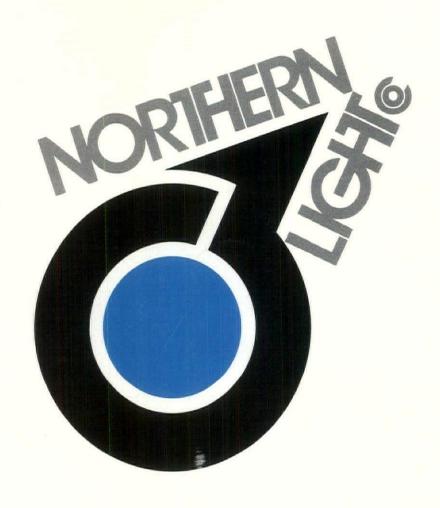
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