Wood Conversion Company

First National Bank Building, St. Paul, Minn.

NEW YORK CHICAGO TACOMA DALLAS

BALSAM-WOOL AND NU-WOOD INSULATIONS

BALSAM-WOOL	NU-WOOD	NU-WOOD
Sealed Insulation	Kolor-Fast Tile	Lath
Acoustical Blanket	Kolor-Fast Plank	Roof Insulation
Sound Deadening	Kolor-Fast Board	Industrial Insulation
Industrial Insulation	Kolor-Fast Wainscot	Refrigerator Insulation
Refrigerator Insulation	Kolor-Fast Sheathing	KOLOR-TRIM Pre-decorated Moldings

BALSAM-WOOL—The Double Value Sealed Insulation

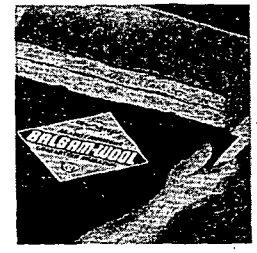
The basic rightness of Balsam-Wool insulation principles has been recognized for 19 years. Constant improvement has made this insulation an acknowledged leader. Today, the new DOUBLE-VALUE BALSAM-WOOL offers greater moisture protection, increased efficiency, and increased thickness. In addition, Balsam-Wool SEALED insulation provides such outstanding Double Advantages as Double Sealing, Double Moisture Barriers, Double Wind Barriers, Double Air Spaces, Double Bonding, Double Fastening.

Balsam-Wool is an insulating mat of fleecy wood fibers, enclosed between a protective covering of double layers of asphalted craft, chemically treated to resist fire, rot, termites and vermin—92 per cent of the mat volume is dead air.

Balsam-Wool SEALED Insulation is fabricated at the factory to a controlled density of 2.2 lb per cubic foot. The mat has a coefficient of 0.246 Btu per hour, per square foot, per 1 degree F difference in temperature, per 1 in. thickness.

As applied, factory efficiency is assured. The Spacer Flange on each edge folds over and is fastened to framing members with a staple hammer, assuring important air space front and back.

Double-Value Balsam-Wool is available in two new increased thicknesses—STANDARD and DOUBLE-THICK, in widths of 16, 20, 24 and 33 inches. Wall-thick Balsam-Wool is available in widths of 16, 20 and 24 inches.



Balsam-Wool Spacer Flange



Application is quick and easy

NU-WOOD INTERIOR FINISH—STRUCTURAL INSULATION

Nu-Wood Kolor-Fast and Sta-Lite Interior Finish (Tile, Plank, Board and Wainscot) is applicable either to new construction or to existing buildings. It offers varied and pleasing decoration, also insulation and acoustical value.

Nu-Wood Insulating Lath has several times the bonding strength of wood lath—continuous surface eliminates dirty lath marks, reduces cracks, V-joint resists trowel pressure in both directions—assures unbroken insulation value.

Nu-Wood Insulating Sheathing is surfaced on both sides with double coats of special moisture proofing compound. Large board—speed erection—stronger, windproof, insulated construction.

OWENS-ILLINOIS
INSULUX Glass Block

Owens-Illinois Glass Company

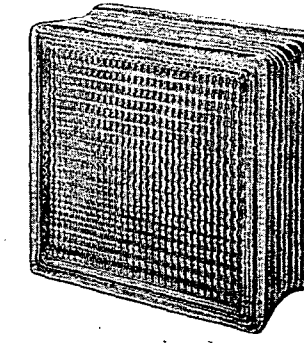
INSULUX PRODUCTS DIVISION

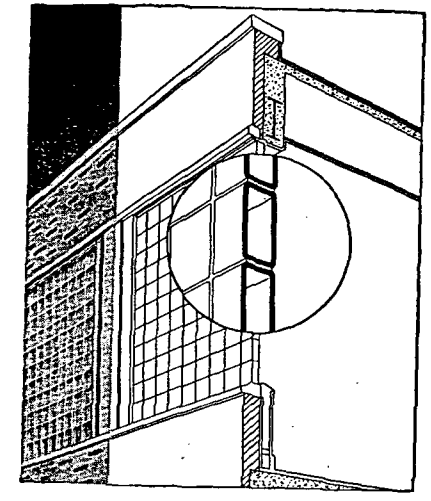
Toledo, Ohio

Dealers in All Principal Cities

Insulux Glass Block Give Better Control of Interior Conditions

Insulux Glass Block are hollow, partially evacuated block, 3⅞ inches thick, with ribbed or patterned faces. Laid up in mortar in solid panels, they form a light-transmitting area that also offers high insulation value. Proper use of Insulux Glass Block results in better control of interior conditions, and therefore greater efficiency and lower initial and operating costs for cooling and heating plants.





Better Insulation

The cross-section drawing above shows why Insulux Glass Block panels give higher insulation than ordinary light-transmitting areas. The glass block, partially evacuated and with thick faces, lower the conductivity and solar heat transmission of the light-transmitting area. Air infiltration is eliminated. The better insulation provided by Insulux is a factor in planning air conditioning and heating equipment and operating costs.

Lower Heat Transmission

Tests on conductivity of Insulux Glass Block show that the heat transmission of Insulux is approximately the same as for a concrete wall 16 inches thick or a brick wall 8 inches thick. The U factor for smooth face block is .49 Btu per sq ft per hour per degree difference in temperature. For ribbed block, the U factor is .46. This test data is available for inspection by engineers.

Reduction of Solar Heat

In a comparative test of solar heat transmission, a single glazed steel sash transmitted 94 per cent more heat than an Insulux panel. As with sash, however, Insulux panels transmit less solar heat if properly oriented and well shaded. There is variation in the solar heat transmission of different designs of Insulux—data will be furnished on request.

Designs, Sizes, Erection

There are 11 designs of Insulux for both residential and industrial use. Block available in three sizes. Panels are easily and quickly erected by bricklayers. We will gladly supply any technical information and advice on installations on request.