

The Upson Company

Lockport, New York



UPSON Insulating BOARD

AND

UPSON Insulating LATH



Upson Insulating Board

Upson Insulating Board is a structural, rigid board form of Insulation, made from wheat straw, for use in walls, floors, ceilings and partitions. It quiets sound, saves fuel and adds comfort in all seasons.

Upson Insulating Board may be used as a sheathing under wood shingles, wood siding, masonry or stucco veneer.

Tests

Upson Insulating Board, in its commercial thickness, has a Resistance or Insulating Value of 1.36.

Conductivity per 1 in. of Thickness—324.

Conductance of Commercial Thickness—1.74 B.t.u. per square foot per hour per degree Fahrenheit Temperature Difference.

Tension 1 in. wide Commercial Thickness—163½ lbs.

Tension, pounds per square inch—362 lbs.

Mullen Test Commercial Thickness—433½ lbs.

Modulus of Rupture—923 lbs.

Application

Upson Insulating Board is furnished 48 in. wide for application directly to studs, joists or rafters spaced 12, 16 and 24 in. on centers. Panels to be applied parallel to studs and joists.

Sizes

Upson Insulating Board is supplied in panels ¾ in. in thickness—48 in. wide and lengths of 6, 7, 8, 9, 10 and 12 ft.

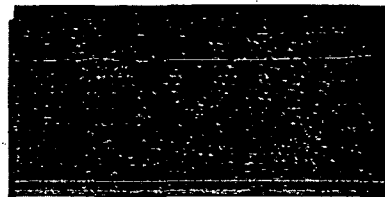
Average weight is approximately 70 lbs. per 100 sq. ft.

Upson Insulating Lath

Upson Insulating Lath is a structural insulating plaster base. It is scientifically designed to meet the exacting needs and requirements for obtaining better plastered walls and ceilings.

The exclusive nail slot, and enclosed feathered edge spaces at all edges provide room for the expansion of the lath. These permanent expansion spaces protect the plaster from strains and stresses set up in the framing members, due to shrinkage.

The ship-lapped edges exclude infiltration of air at the joints, thus preventing unsightly streaks of dust deposits at these points.



Application

Upson Insulating Lath is furnished in panels 18x48 in. and is applied horizontally to studs and joists so that all vertical joints are staggered or broken. Only gypsum or other quick drying plaster should be used.

Sizes

Upson Insulating Lath is furnished in ¾ in. thickness, in individual lath 18x48 in. They are packed 15 lath to the bundle, each bundle containing 90 sq. ft. and weighing approximately 59 lbs. per bundle.



The RIC-WIL Company

Union Trust Bldg. Cleveland, Ohio

NEW YORK—CHICAGO—SAN FRANCISCO

Agents in Principal Cities

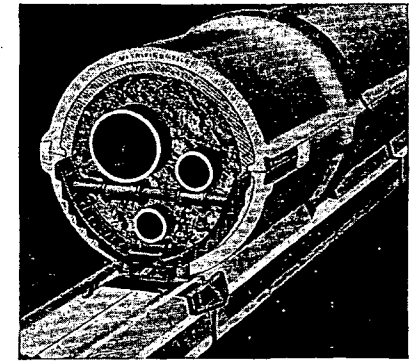
ESTABLISHED 1910

Conduit—Standard conduit is vitrified salt glazed tile or cast-iron with Loc-lip Side Joints, bell and spigot type, unlined or lined. Tile in 24 in. sections and cast-iron in 48 in. sections, sizes 4 to 27 in. inside diameter. Fully described in Bulletin No. 32. A special light weight cast-iron conduit with flanges, bolts and gaskets for bad water conditions and a heavy weight cast-iron conduit for extra heavy duty are also available. Send for A & E Sheets Nos. 14 and 23 for details of these special cast-iron conduits.

Base Drain—Standard Base Drain is vitrified salt glazed tile for tile conduit and extra heavy tile or cast-iron for the cast-iron conduit, in 24 in. lengths. Special U-Type Base Drain to hold return line and Support Blocks for use with round tile construction also available.

Pipe Supports—Standard Pipe Supports are of the externally supported type with rollers for single or multiple pipes. Load is carried entirely on side shoulders of Base Drain. Pedestal Pipe Supports are shaped like the Base Drain and set between Base Drain sections embedded in a concrete pier. Internal Pipe Supports also available. All Pipe Supports are rust-proofed. Details of Ric-wil Pipe Alignment Guides and Anchors furnished upon request.

Insulation—Dry-paC Waterproofed Insulation, non-settling and non-corrosive—packed into the conduit becomes a solid mass without cracks, joints or openings—positively non-capillary and water-repellant. Has low conductivity and insures highest thermal efficiency—non-waterproof kind also furnished. Lined conduit insulation is a moulded diatomaceous earth mix-



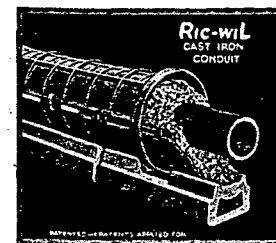
Cutaway view at pipe support showing how Ric-wil parts interlock. Note Loc-lip Side Joints and how pipe assembly is independent of the conduit. Cut shows Type DF System, lined conduit, with Dry-paC Waterproofed Insulation.

ture. Sectional pipe covering, sponge felt, 85% magnesia, etc., can also be furnished.

Accessories—Conduit fittings, with Loc-lip Side Joints for all types up to 15 in. are carried in stock—45° and 90° elbows, tee branches and reducers. Tee branches and reducers made to order for larger sizes. Mitred Base Drain fittings made for all conduit fittings. Shutter sleeves of galvanized iron, with asbestos rope for encircling pipes to provide a form upon which to cement or brick in ends of conduit lines. Filter Cloth to prevent sand, etc., from sifting thru broken stone into drainage area of Base Drain. Special asphalt cements for sealing all joints and waterproofing compounds for cement joints. Manhole covers, with non-rattling double lidded covers, furnished in 22 in. and 30 in. sizes.

Engineering Service—Cooperation in preparing preliminary surveys, plans and layouts or complete plans with full construction details. Also installation supervision.

Technical Data—Tabulated Steam Heating Rates, Test Report Bulletins, Service Detail Bulletins, Catalog Bulletins, Central Heating Bulletins and Architects and Engineers Detail Sheets available upon request.



Ric-wil, Cast Iron conduit has ample strength with minimum weight for use under roadways, railroad tracks, or other places subject to extreme loads and vibration. It is installed without delays and without added construction or engineering.