

The Eagle-Picher Lead Company

General Offices: Temple Bar Building, Cincinnati, Ohio

Offices in All Large Cities



EAGLE INDUSTRIAL INSULATION

The Eagle-Picher Lead Company manufactures a complete line of industrial insulation materials, effective for a complete range of temperatures. Representative products are:

Eagle Super "66" Plastic Insulation

For application on practically all forms of heat producing and heat transferring equipment. "Springy ball" construction provides remarkable heat-saving efficiency up to 1800 F. Easily applied with a trowel. May be applied on any clean surfaces. Great coverage—60 sq. ft. 1 in. thick per 100 lb. 100 per cent reclaimable.

Eagle Blanket Insulation

Eagle Insulating Wool felted and secured between metal fabrics. For large surfaces where temperatures reach as high as 1200 F. Available in flexible or rigid form. Easy to cut and fit. Sizes—2 ft x 4 ft and 2 ft x 8 ft. Thicknesses range between 1 in. and 8 in.



Eagle "66" quickly applied with a trowel on hot and cold surfaces

Eagle Asbestos Cements

Inexpensive asbestos fibre cements of good mixing, trowelling and adhesive properties. For temperatures up to 1000 F.

Eagle Insulseal (Waterproofing Cement)

Durable coating designed to protect all kinds of insulation from moisture, water, air infiltration, fumes; from vibration, abrasion. Ready mixed, easily and quickly applied.

Other Products

Eagle "99" Finishing Cement, Hair Felt, Pipe Covering and Blocks (all types), Insulating Wool, Boiler Setting Cement.

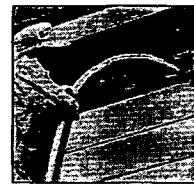
Data and Specifications

For complete specifications and technical data on Eagle Industrial Insulation, see Sweet's Engineering or Power Plant Catalog.

EAGLE HOME INSULATION

The Eagle-Picher Lead Company manufactures two types of "mineral wool" insulation for homes: (1) in granulated form for pneumatic application in new and existing construction. (2) in bat form for new construction.

Both types are wall-thick, non-structural, extremely light-weight, non-corrosive, fire-proof—with thermal conductance (in applied thickness of 3½ in.) of only 0.074 Btu. (The over-all conductance would be considerably lower).



Eagle Insulating Wool easily blown into spaces between wall studs

Eagle Home Insulation keeps homes cooler in summer (12 to 15 degrees cooler than outdoor temperatures), and warmer in winter (fuel saving ranges between 10 and 40 per cent).

For Pneumatic Application

In granulated form, Eagle Insulation is blown into hollow spaces between wall studs and between joists in the attic floor by a special pneumatic process. No building alterations are necessary, whether the house is of frame, brick or stucco construction. No muzzing up inside. Work is done by skilled contractors, licensed by Eagle-Picher.

Bat Form



Eagle wall-thick bats quickly installed in new construction

Eagle Insulating Bats are rectangular pads 15 in. x 18 in. or 23 in. x 3½ in., designed to fit snugly between studding and joists. Irregular spaces around doors and windows filled by cutting bats to exact size.

Data and Specifications

For complete specifications and technical data on both types of Eagle Home Insulation, see Sweet's Architectural Catalog.

International Fibre Board Limited

Sales Offices

OTTAWA—MONTREAL—TORONTO—WINNIPEG
Administrative Offices and Mills: GATINEAU, QUE.

London Office

THE TENTEST FIBRE BOARD CO. LTD.
ASTOR HOUSE, ALDWYCH, LONDON, W. C. 2., ENGLAND



TEN/TEST is a manufactured lumber made from spruce fibres, solidly pressed under hydraulic pressure into a strong, homogeneous board. The fibres are chemically treated and water-proofed during process of manufacture, until the insulation is non-hygroscopic, free from capillary attraction and moisture-resisting in service commensurate with the maximum degree of insulation obtainable.

Official Tests

Conductivity. TEN/TEST has a conductivity of 0.33 B.t.u. per hour per square foot per degree fahr. per 1 in. thick. Authority: Professor E. A. Allcut, M. Sc. M. I. Mech. E. Mem. A.S.M.E. Professor of Applied Mechanics, University of Toronto. Tests performed by Hot-Plate method. Mean temperature 47.8 deg.

Tensile Strength 228 lb. per sq. in. Tests made on ¾ in. board cut to strips 1 in. wide and tested in a Riehle Tensile Testing Machine, the grips being 2 in. apart. 228 lb. is the mean average of seven series of tests.

Transverse Strength (equal deflection) is 28.4 lb. Test made on ¾ in. board, 6 in. wide, 18 in. long, on 12 in. centers, and load being applied to breaking point.

Plaster Bonding Strength 2163 lb. per sq. ft. Brown and scratch plaster coats were applied to standard ¾ in. board, and the pull registered in an Olsen Testing Machine. Authority: Columbia University Testing Laboratories, New York.

Moisture Resisting. TEN/TEST, after complete immersion in water for 24 hours, registered 37.5% increase in weight.

NOTE.—Authority for tensile strength, transverse and moisture tests; J. T. Donald & Co., Ltd., Chemical Analysts and Engineers, Montreal, Que.

TEN/TEST Products

TEN/TEST Insulating Building Board. Standard insulation for use as exterior sheathing, interior finish; between walls and under floors for sound deadening. Standard Industrial Insulation for refrigeration and the prevention of condensation. Manufactured in convenient sizes: 4 ft. wide and up to 17 ft. long, ½ in. to 2 in. thick.

TEN/TEST Notch Board Plaster Base. Insulating plaster base having tongue and groove interlocking joints. Provides an effective bond with plaster without use of metal lath at joints. Sizes: 16 in. wide; 32 in. and 47½ in. long. Thicknesses from ½ in. to 2 in.

TEN/TEST Roof Board. An effective roof insulation. Manufactured in two sizes: 1 x 4 ft. and 2 x 4 ft. Thicknesses from ½ in. to 2 in.

TEN/TEST Ashlar Block (Acoustic "A"). For interior decoration and acoustical correction. Absorbs 35 per cent of incident sound at a frequency of 512. Can be supplied in a variety of designs and sizes to harmonize with any decorative treatment, allowing the architect much freedom in design and finish of churches, auditoriums, theatres, etc. Ashlar Blocks have bevelled edges, standard or to suit, can be left in the natural color or tinted as desired.

TEN/TEST Moulded and Shiplap Edge Wall Panels. Conceals joints and provides excellent decorative treatment. Featured in widths of 11 in. to 47½ in., lengths up to 12 ft.

TEN/TEST Mouldings. An effective trim and finish for joints, corners, etc. Available in widths of ¾ in. to 10 in. and lengths up to 12 ft.

HYDRO/TEST. Water proof, insulating building board, designed particularly for low temperature requirements.