

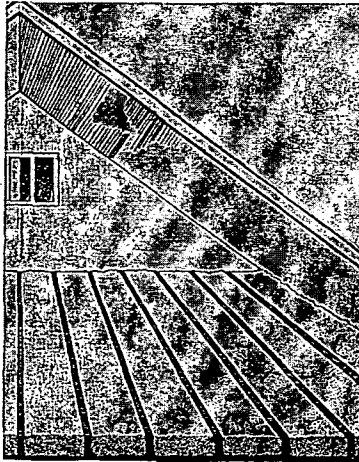
Insul-Wool Insulation Corp.

General Offices, Wichita, Kansas

Branches in Principal Cities

Manufacturers and Distributors of Insul-Wool

Insul-Wool is a fibre insulation of the "fill" type—made of wood pulp, a natural insulating material. By the exclusive "Insul-Wool" method the wood pulp is converted into a loose fluffy substance which, when installed in a building, forms a soft heat-resisting blanket having millions of tiny air cells capable of resisting passage of either heat or cold.



Insul-Wool Applied over Ceiling

UNIFORMITY OF PRODUCT

Only one grade of Insul-Wool is made and every "run" is tested at the factory to insure uniformity of product and unvarying high quality. It is free from grit, silicon particles, or "shot."

FIRE PROOF AND VERMIN PROOF

A special "Insul-Wool" method of chemical treatment makes Insul-Wool thoroughly vermin proof and fire proof. It has been approved by the National Board of Fire Underwriters.

"INSUL-WOOL" SERVICE

Insul-Wool is distributed and installed only by specially trained men—direct factory representatives or men in the organizations of the largest insulation material dealers throughout the United States.

ADVANTAGES OF INSUL-WOOL

1. It is made from wood pulp, a natural insulating material.
2. Chemical treatment makes Insul-Wool safe under all conditions and hazards.
3. Approved by the National Board of Fire Underwriters.
4. Its light weight of 2.5 lb to the cubic foot adds very little load to the ceiling rafters.
5. Does not pack or settle and outlasts the building in which it is installed.
6. Does not draw moisture.
7. Cuts fuel costs and reduces Summer temperatures, indoors.
8. Meets U. S. Government requirements of Federal Construction with a thermal conductivity of 0.24 Btu per hour, per square foot, per degree Fahrenheit, per inch thickness.

Analysis of Insul-Wool in Terms of Commerical Thickness

Material	Commercial Form	Comm'l. Thickness Inches	D. Wt. Per cu. ft.	C. Conductivity
INSUL-WOOL	Wood Fiber-Loose Type, Fire proofed and Germ proofed.	1 4	2.5	0.24* 0.067**

*Kansas City Testing Laboratory, Inc., February 25, 1938.

**J. C. Peebles, Armour Institute of Technology, April 8, 1937.

Complete data on Insul-Wool Insulating Product will be sent upon request.

International Fibre Board Limited

Sales Offices

OTTAWA, MONTREAL, TORONTO. Administrative Offices and Mills: GATINEAU, QUEBEC.

London Office: THE TEN/TEST FIBRE BOARD CO., LIMITED

75 CRESCENT WEST, HADLEY WOOD, BARNET, HERTSFORDSHIRE, 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.

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 1 in. thick or laminated to any desired thickness.

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 47¾ in. long. Thicknesses from ½ in. to 1 in. or laminated to any desired thickness.

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 1 in. or laminated to any desired thickness.

TEN/TEST Ashlar Block. For interior decoration and acoustical correction. Can be supplied in a variety of designs and sizes to harmonize with any decorative treatment.

TEN/TEST Acoustical Tile and Panels with sound absorption coefficients ranging up to 0.53 at 512. Specially designed for churches, schools, auditoriums, theatres, etc.

TEN/TEST Moulded and Shiplap Edge Wall Panels. Conceals joints and provides excellent decorative treatment. Featured in widths of 11 in. to 47¼ 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.

Official Tests

Conductivity. TEN/TEST has a conductivity of 0.33 Btu per hour per square foot per degree Fahrenheit 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.

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 per cent increase in weight.

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.

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