The Celotex Corporation

General Offices

120 South LaSalle Street, Chicago 3, Ill.

CELOTEX

REG. U. S. PAT. OFF.

Celotex Insulation Board Products are made by felting long, tough cane fibres into strong, rigid boards. Manufactured under the patented Ferox* Process. Ferox-treated Celotex board has been demonstrated by laboratory tests and years of use to be protected effectively against dry rot and termite attack. Integrally waterproofed.

Celotex Insulating Sheathing—For use in frame construction under wood siding, wood or asbestos shingles, stucco, or masonry veneer. *Double-Waterproofed*—integrally treated, then asphalt-coated on all surfaces. Exceeds government vapor permeability requirements.

Sizes: 4 ft wide x 8, 9, 10, 12 ft long x 25/32 in. or ½ in. with square edges. 2 ft x 8 ft x 25/32 in. with V-type tongue and groove on long edges.

Celotex 4 ft wide 25/32 in. Sheathing, applied vertically without corner bracing, greatly exceeds racking strength requirements set forth in FHA Technical Circular No. 12 (racking strength at least equal to horizontally-applied wood sheathing with let-in bracing is minimum requirement).

Celotex Insulating Lath—Insulation and continuous plaster base in one material. All edges beveled for additional plaster reinforcement at joints. Long edges shiplapped. Sizes: Regular or Vapor-Seal, 18 in. x 48 in. x ½ in.

Celotex Roof Insulation

Regular—Natural cane fibre board surface. Provides excellent bond for pitch or asphalt. Meets requirements for Roof Insulation Board (Class C) of Federal Specifications LLL-F-321b, Commercial Standard CS42-49 of U. S. Department of Commerce, and *ASTM* Specification C208-48. Sizes: 23 in. x 47 in., 24 in. x 48 in. Thicknesses: ½ in., 1 in., 1½ in., 2 in.

Preseal—Coated with special asphalt on all surfaces and edges for additional moisture protection. Sizes: 23 in. x 47 in., 24 in. x 48 in. Thicknesses: ½ in., 1 in., 1½ in., 2 in.

Preseal "30"—Extra high quality board with conductance "C" before asphalt coating of 0.30 Btu per inch nominal thickness. Same moisture-resistant asphalt coating as Preseal. Size: 24 in. x 48 in. Thicknesses: 1 in., 1½ in., 2 in.

Vapor-Seal—Has ½ in. x ½ in. offsets on all edges which form network of channels next to deck, serving to equalize air pressure therein. Asphalt-coated on all surfaces and edges. Thermal conductance, before coating, is 0.30 Btu per inch nominal thickness. Size: 24 in. x 48 in. Thicknesses: 1 in., 1½ in., 2 in.

Flexcell* Expansion Joint Filler—Cane fibre felted into strong, resilient boards, then saturated with durable asphaltic compound. For expansion joint uses, perimeter insulation for concrete floors at grade, sill sealer, plate sealer, and vibration isolation. Thicknesses of ½ in. to 1 in. in various lengths and widths.

Cemesto* Structural Insulating Panels—Completely fabricated panels for walls, roof decks and partitions. Consists of cane fibre board core surfaced on both sides with layer of asbestos-cement board. Sizes: 4 ft wide x 4 ft to 12 ft lengths. Special sizes available. Thicknesses: 11/16 in., 1⅛ in., 1 5/16 in., 2 in.

Celo-Block*—Cold storage insulation made by laminating ½ in. low density cane fibre boards with waterproof mastic and surfacing front and back with waterproofing asphalt. Sizes: 12 in. x 36 in., 18 in. x 36 in. Thicknesses: 2 in., 3 in.

Celotex Rock Wool Products—Regular Blankets, full- or semi-thick, 15 in. x 96 in., 15 in. x 48 in., 15 in. x 24 in. Utility Blanket, 15 in. x 96 in. Reflective Blankets, standard thickness, 15 in. x 96 in. Also Loose, Granulated and Hand-Pouring Rock Wool.

Q-T* Ductliner—Sound absorbing material designed for duct lining in air-conditioning systems. Made of rock wool and special binder. Withstands air duct humidity, is fire-resistant and will not support combustion. Thermal conductivity of 0.30.

Celotex Sound-Conditioning Products—Complete line of specialized acoustical materials to comply with every requirement, specification, or building code. Distributors in principal cities.

Celotex Interior Finishes—Tile Board, Finish Plank, Building Board—triple-duty products that build, decorate, insulate. Variety of sizes and finishes.

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For detailed information on all Celotex products, see Sweet's Files or write The Celotex Corporation

Insul-Mastic Corporation

OF AMERICA

1162 Oliver Building Pittsburgh 22, Pa.

Representatives in Principal Cities



INSULATION—CONDENSATION PREVENTION
VAPORSEALING INSULATION—CORROSION PREVENTION

INSUL-MASTIC—A highly viscous, semi-plastic material for the performance of the above functions. It is spray applied; adheres to surface at all angles; and, when dry, remains flexible but extremely tough.

COMPOSITION—Insul-Mastic was developed with the idea of topmost quality. Therefore, Gilsonite, or "mineral rubber" was used as the basic material. This thoroughly saturated hydrocarbon is almost chemically inert and extremely hard to displace by chemical reaction with acids, alkalis or weathering. To this is added a proper balance of high grade asphalt. This combination assures maximum service at extreme temperatures. For long life and ease of application, three important fillers are used in Insul-Mastic; Mica Flake, Asbestos Fibre and Ceramic Clay. See *National Bureau of Standards* report showing proof of excellent results with mica flake used to increase the life of coatings.

QUALITIES—Extremely resistant to most acids and alkalis. Not affected by temperatures between −40 F and 300 F. Flexible, stands normal expansion, contraction and bending of surface beneath it. Adheres to any dry, dust free surface at any angle including ceilings. Impervious to moisture; the moisture vapor penetration rate per ⅛ in. thickness, per 100 sq in., per 24 hr is 0.01 grams.

APPLICATION—Insul-Mastic is spray applied under heavy air pressure. Insul-Mastic licensees in principal cities have trained crews to do this work. Coatings are applied at the rate of six to eight gal per 100 sq ft for corrosion prevention and vapor-sealing and at the rate of 20–30 gal per 100 sq ft for insulation and condensation prevention. Used as it comes from the drums, no heating required.

APPEARANCE—Insul-Mastic is black, but may be colored with Insul-Mastic aluminum spray or Insul-Mastic colored vinyls. Slate granules of various colors may be blown into the coating while it is wet.

LIFE—Accelerated weather tests identical to that of the *Bureau of Standards* place Insul-Mastic's life at over 50 years in outside weather.

INSULATION—Insul-Mastic Type "D"—To the high quality material described in the opposite column, Insul-Mastic adds 65 to 75 per cent granulated cork. This forms the sprayable insulation known as Insul-Mastic Type "D." This insulation is capable of stopping 65 per cent of heat flow through metal plates. The K factor is 0.36 per sq ft per inch thickness. No mechanical means of attachment are needed. Insul-Mastic Type "D" insulation may be used indoors or outdoors without covering. It also prevents corrosion and deadens sound.

CONDENSATION CONTROL—Insul-Mastic Type "D." Insul-Mastic Type "D" also controls condensation when applied to pipes carrying cold liquids or to ducts and panels subject to chilling. Here again it adheres at any angle without mechanical support. Pullman cars, freight cars, skyscrapers and others employ Type "D" for this purpose.

VAPORSEALING INSULATION—Insul-Mastic Reinforced With Glasfab Membrane—For keeping soft or semi-rigid insulation dry and protected. The system gives the insulation a tough, water repellent covering that is not likely to be broken in spite of the soft material beneath it. Insul-Mastic and Glasfab take the place of asbestos cement and chicken wire which is brittle, requires two coats plus asphalt; and to the insulation adds water which may never be driven off. Insul-Mastic and Glasfab is a flexible jacketing which can withstand abuse such as ladders, foot traffic or falling objects. The Glasfab Membrane is imbedded into a tack coat of Insul-Mastic and then sprayed with a ⅛-in. coating of the mastic.

CORROSION PREVENTION—Installations of all types from small pipes to large tanks can be kept from corroding by a coating of Insul-Mastic. In chemically laden air or constantly moist conditions, this protection is particularly necessary; and Insul-Mastic's record in paper pulp mills, oil refineries and other industries where corrosion was a great problem confirms the durability of this coating.