

The Celotex Corporation

919 N. Michigan Ave., Chicago, Ill.

Mills: NEW ORLEANS, LA.

Branch Sales Offices:

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CELOTEX

BRAND
INSULATING CANE BOARD

(Reg. U. S. Pat. Off.)

Builds - Insulates - Decorates - Subdues Noise

CELOTEX PRODUCTS:

Building Board
Lath
Sheathing Board
Finish Plank
Tile Board
Adhesives
Batten Strips
Hard Board
Tempered Hard Board

Black Tempered
Hardboard
Tempered Concrete
Form Board
Panel Board
Studio Board
Hardboard Tile (Tempered)
Roof Insulation
Vaporproofed Roof
Insulation

Vaporproofed Low Tem-
perature Insulation
Ferox Insulating
Protection Course
Insulation Blocks
Ornaments and
Mouldings
C-X Wallboards
Rock-Wool Products

Celotex Cane Fibre Insulation

In the manufacture of Celotex, long tough fibres of bagasse (cane) are properly refined, thoroughly sterilized, effectively water-proofed, firmly felted and securely interwoven to produce large boards of maximum strength consistent with the light weight necessary to assure high heat-stopping value. The "largest board in the world" is produced at Marrero, La., 12 ft wide and 1000 ft long! Commercial sizes are cut from this immense board by means of highly efficient automatic machines. Careful technical control assures uniform high quality.

The thermal conductivity of Celotex is 0.33 Btu per hour, per square foot, per 1 degree Fahrenheit, per inch thickness (based on a density of 13.5 lbs per cubic foot and a mean temperature of 70 °F.). Tests conducted at Armour Institute of Technology and at recognized laboratories confirm this figure.

The Celotex Corporation maintains an engineering and research staff which is available for investigations of all types of insulation installations. Engineers are invited to address their problems to The Celotex Corporation, Chicago, Illinois.

The Ferox Process

The Ferox Process (patented) is exclusive with Celotex. All Celotex cane fibre products are manufactured under the Ferox process (patented) and therefore effectively resist damage by Fungus Growth, Dry Rot and Termites (white ants).

The Ferox Process is not a surface treatment—it is integral. The chemical complex used is insoluble in water. It is non-volatile—odorless—permanent.

Celotex Building Board

The original cane fibre insulation. Neutral tan color. Two-surface utility. One side sanded; the other with a Tapestry texture. Size—4 ft wide, and 4, 5, 6, 7, 8, 8½, 9, 9½, 10, and 12 ft long. ½ in. and 1 in. thick.

Celotex Tile Board

An attractive wall and ceiling treatment. Type Double A has an interlocking reversible bevel joint; smooth and tapestry textured surfaces alternated if desired. Suitable for all types of design. May be applied over existing walls and ceilings or as a new finish. Type A has beveled square edges; otherwise it is the same product as Type Double A. Neutral tan color. Also furnished in several well chosen tints to simplify the task of suitable decoration. With Type Double A joint—½ in. thick only—with ¾ in. and 1 in. furnished on special order. Sizes range from 6 in. x 6 in. to 24 in. x 48 in.

Celotex Finish Plank—½ in. thick; 6 in., 8 in., 10 in., 12 in., and 16 in. wide; 6, 7, 8, 9, 10, and 12 ft long. Long edges Beveled and Beaded. Furnished with Type Double A, reversible bevel joint whereby either side can be exposed, thereby making possible a wide range of unusual designs.

Celotex Lath

A natural bond for plaster—a continuous plastering surface providing special resistance to lath cracks—eliminating lath marks—beveled edges to reinforce plaster—patented. Shiplapped joints (see diagram). Size: 18 in. x 48 in. ½ in., ¾ in., and 1 in. thick.



Celotex Sheathing Board

Full Thickness, sanded or unsanded. Insulation and structural strength. May be used with standard frames. ½ in., ¾ in., 1 in. thick; 4 ft wide; 4, 5, 6, 7, 8, 8½, 9, 9½, 10 and 12 ft long.



Celotex Ferox Insulating Protection Course

Waterproofing in some form is essential to the stability and efficient performance of many structures. Bituminous or membrane waterproofing is generally applied to areas exposed to hydrostatic pressure or conditions of dampness and moisture. Foundations and floors of buildings, tunnels, subways, and other construction below ground surface are frequently waterproofed. Swimming pools, reservoirs, retaining walls, bridges, and sumps or pits are similarly treated.

It is customary to protect bituminous floor waterproofing from damage by heavy traffic, and waterproofing on foundation walls from abrasion by back fill. Practically all construction specifications definitely require protection courses where waterproofing or dampproofing is used. Celotex Ferox Insulating Protection Course size: 22 in. x 47 in.; thicknesses, ½ in. and 1 in.

Celotex Vaporproofed Low Temperature Insulation

A moisture - proofed, water - proofed, vapor - proofed low density insulation. Each block encased in a sealed membrane. For all low temperature requirements, including Coolers (Beer, Meat, Creamery, etc.), Fruit and Vegetable Storage Rooms, Packing Plants, Fur Storages, Air-Conditioned Spaces, General Cold Storage Rooms, and Freezers. Conductivity 0.30 Btu per inch—odorless. Ferox-treated. Sizes: 18 in. x 18 in., 18 in. x 36 in., 9 in. x 36 in. Thicknesses: 1 in., 1½ in., 2 in., or any multiple of ½ in.

Celotex Rock-Wool Products

Highly effective wall-thick insulating material made from Molten Rock. Absolutely incombustible, vermin-proof and permanent.

Batts, wall thick, fit between studs and rafters. Light in weight (about 1½ lb per sq ft). Size: 15 in. x 23 in. **Loose** and **Granulated** available to place into open spaces in walls and floors.

Celotex Roof Insulation



Preferred as insulation over wood, concrete, steel, unit tile and poured gypsum roof decks. Size 22 in. x 47 in. Full thickness ½ in. Also furnished laminated from 2 to 8 plies. **Celotex Vaporproofed Roof Insulation**, Ferox treated, of special low density Celotex encased in vapor-proofing membrane.

Dependable Service

The Celotex Corporation distribution and service facilities cover the whole United States and 82 countries overseas. This world-wide organization includes trained insulation engineers who are at your service whenever some unusual insulating problem or project is before you.

Authoritative data, technical notes and specific material on thermal or sound insulation are available on request.

Write to the Celotex Service Bureau, 919 North Michigan Avenue, Chicago, Ill., for special problems.