

DATA SHEET

PERMaBRICK

EXTERIOR & INTERIOR WALL PANELS

PERMaBRICK Panel is a single-faced, cellulose fiber-reinforced cement building board. Lighter than conventional brick, the PERMaBRICK Panel features the look of brick, with *much less weight, cost and labor to install*. These architectural brick panels are manufactured to look identical to full brick, and feature excellent water resistance, fire resistance and stability. PERMaBRICK Panels give builders and customers flexibility on designing a brick or partial brick exterior or interior walls and floors, without the expense and labor of a foundation or brick masonry. These panels are safe, durable and come in a variety of colors and patterns for the rich look of brick, and are suitable for residential and commercial applications.

DESCRIPTION

PERMaBRICK Panels are available in various surface textures, including smooth. Panels are 16" x 48". Install fasteners with a minimum 3/8-inch edge distance and a minimum 2-inch clearance from corners. Fasten joints at abutting sheet edges.

Panels accommodate stud spacing of either 16 or 24 inches, and are fastened with 6d. common 2" long galvanized screws or nails. PERMaBRICK Panels can be cut to shape on-site by the score-and-snap method using a special knife available from Indiana Brick Panels, Inc., or a Skil saw utilizing a wet/dry diamond blade.

Perma Brick Panels are easily installed utilizing typical veneer construction methods. Use standard sway bracing on all corner building construction to maintain straight non-twisting walls. A standard PERMaBRICK Panel is 16" wide and 48" long and covers 5.33 square feet. The fasteners used to mount the panels are inserted in the open grout lines so that the grout mortar covers them. Use an 80-pound bag of grout to cover approximately 60 square feet of wall space.

SAFETY

These panels have a flame-spread rating of 0 and a smoke-density rating of 5 when tested in accordance with ASTM E84 and UL-723. The products are classified as noncombustible when tested in accordance with ASTM E136, and comply with ASTM C1186, Standard Specification for Grade II, Type A, Non-Asbestos Fiber-Cement Flat Sheets. The interior lining products comply with ASTM C1288-95, Standard Specification for Discrete Non-Asbestos Fiber-Cement Interior Substrate Sheets.

SPECIFICATIONS

Type: All masonry type panel with various color brick selections
Size: 16" x 48" (5.33 sq. ft. per panel)
Brick: Meet or exceed ASTM C1088-94 brick standards (36 per panel)
Packaging: 94 panels per pallet. 14 pallets per truckload. (501 square feet per pallet)
Weight: Approximately 35 pounds per panel
Installation: See installation instructions

PLEASE NOTE

PERMaBRICK Panels should be applied over a vapor barrier with screws meeting ASTM C1002 standard. The nails must be long enough to penetrate 1" or more into the framing studs. Panels can be cut with a circular saw with diamond blade. Flashing is used at the base. The PERMaBRICK masonry backerboard meets the ASTM C1278 standards and exceeds the physical properties of ASTM C-36. (BOCA report No. 91-13 and ICBO report No. 5196.)

Full mortaring or grouting between the bricks is recommended. Use a 3/4" radius trowel for shallow striking of joints. Panels should be cut to fit snug around window and door openings. Panels should be cut square and smooth. Colored "J" siding channels can be used for corners and around doors and windows.

MAINTENANCE

Clean with a mild solution of water and muriatic acid. Apply with a stiff fiber brush to remove dirt and loose mortar. Immediately wash panels thoroughly with water after cleaning.

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