

MAXTERRA™

MgO Fire Resistant Decorative Boards

The Product

MAXTERRA™ Fire Resistant Decorative Boards are high density structurally rated magnesium oxide products that utilize a Magnesium Oxysulfate cement technology, which is reinforced with integrated layers of high-strength fiberglass mesh. The products are laminated with an array of different finishes.

Uses

MAXTERRA™ MgO Fire Resistant Decorative Boards Fire Resistant Decorative Boards can be used as a direct replacement for: conventional interior design and wall finish materials such as wallpaper, wood paneling, marble, and other decorative treatment options. The product is rated to resist uniform loads ≥ 5 psf in accordance with Section 1607.16 of the 2021 IBC (Section 1607.15 of the 2018 IBC and Section 1607.14 of the 2015 IBC) as well as the deflection limit of L/360 outlined in Table 1604.3 of the IBC and Table R301.7 of the IRC.

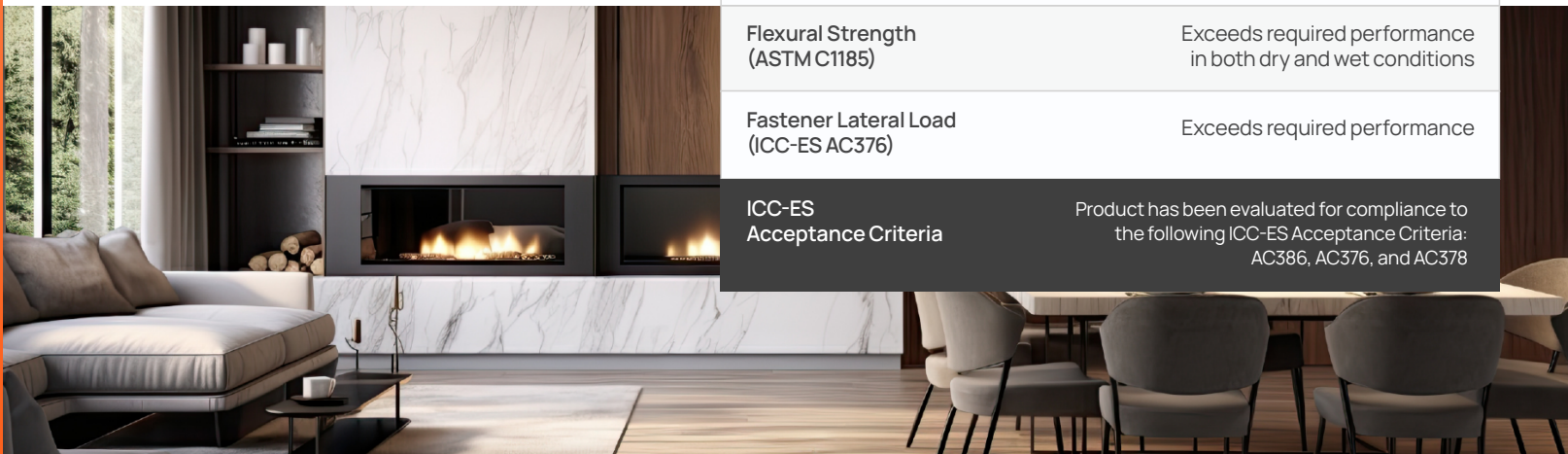
The product has been evaluated by The International Code Council Evaluation Service (ICC-ES) for use as an interior finish in both commercial and residential applications (see ESR-5507).

| Panel Dimensions | |
|-----------------------|---|
| Available Thicknesses | 3/8-inch (9 mm) 1/2-inch (12 mm) 5/8-inch (16 mm) |
| Available Lengths | 4 feet x 8 feet 4 feet x 10 feet 4 feet x 12 feet |
| Product Weight | 3/8-inch (9 mm): 1.81 lb/sqft 1/2-inch (12 mm): 2.41 lb/sqft 5/8-inch (16 mm): 3.22 lb/sqft |
| Edge Treatments | Straight / Square Edge |

| Performance Characteristics | |
|---|--|
| Nail Head Pull-Through (ASTM D1037) | ≥ 90 lbf (saturated / wet test condition) |
| Surface Burning Characteristics (ASTM E84 / UL 723) | Class A |
| Mold / Mildew Resistance (ASTM G21) | "0 Growth Observed" |
| Humidified Deflection (ASTM C473) | Less than 0.06 inches |
| Freeze / Thaw Resistance (ASTM C666) | No Disintegration Following 25 Cycles |
| Falling Ball Impact Test (ASTM D1037) | No Damage (12-inch drop) |
| Moisture Movement (ASTM C1185) | ≤ 0.01 inches / inch (machine and cross direction) |
| Compression Indentation (ASTM D2394) | Less than 0.05 inches |
| Flexural Strength (ASTM C1185) | Exceeds required performance in both dry and wet conditions |
| Fastener Lateral Load (ICC-ES AC376) | Exceeds required performance |
| ICC-ES Acceptance Criteria | Product has been evaluated for compliance to the following ICC-ES Acceptance Criteria: AC386, AC376, and AC378 |



Installation instructions are available at www.nexgenbp.com/resources
Or scan the QR code.



Contact us to find a Distributor or Representative near you.
www.nexgenbp.com

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