

MAXTERRA®

MgO Fire Resistant Decorative Boards



Revolutionizing Building with Advanced MgO Technology

NEXGEN MAXTERRA® MgO is a best-in-class, innovative, and versatile mineral-based building material that utilizes magnesium oxysulfate cement technology. It stands as a superior alternative to conventional materials by offering unmatched fire resistance, water resistance, as well as mold and mildew resistance, all without the use of harmful chemicals. Distinctly mineral-based, it's free from VOCs, silica, and carcinogens. Its sulfate-based formulation distinguishes it from traditional chloride-based MgO products, addressing corrosion issues and aligning with future safety and environmental compliance standards.

MAXTERRA® MgO Fire Resistant Decorative Boards bring innovation to interior design with high-density, structurally rated magnesium oxide that offers unparalleled aesthetic appeal. These panels are a direct replacement for traditional interior design materials, providing enhanced fire resistance and strength and contributing to a healthier indoor atmosphere free from VOCs and carcinogens. With a variety of textures and designs, MAXTERRA® MgO Fire Resistant Decorative Boards offer endless creative possibilities for transforming any space into a stylish, sustainable environment.

Key Benefits

- ▶ **Fire Resistance:** ASTM E84, Flame Spread Index of 0, Smoke Developed Index of 0, chemical-free fire protection.
- ▶ **Mold and Mildew Resistance:** Advanced composition core material advantage, enhanced moisture resistance, proven performance in ASTM G21 testing.
- ▶ **Natural Disaster Resilience:** Enhanced flexural strength, resistance to moisture, and superior durability.
- ▶ **Pest and Insect Resistance:** Unappealing to pests due to advanced composition, alkaline environment, and dual protection against moisture.
- ▶ **Water and Storm Resistance:** Robust in moist environments, prevents organic growth.
- ▶ **Healthier Living Environment:** No Harmful chemicals, no carcinogens, no VOC's.

A safer, stronger, healthier way to build.

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MgO Fire Resistant Decorative Boards

MAXTERRA® MgO Fire Resistant Decorative Boards lead the industry in design and sustainable construction, offering an unrivaled solution for enhancing interior aesthetics responsibly.

Description

Aesthetic options for interior design.
Hundreds of design choices.

Uses

Interior Decorative Sheathing.

Key Advantages

- Durable and Resistant: Scratch-resistant.
- Design Flexibility: Various designs and textures.
- Easy Installation: Simplifies decoration.
- Thicknesses: Varies based on design.
- Dimensions: Customizable sizes.
- Edge Treatments: Various options based on design.

Physical Specifications

- Thicknesses: 1/4" (6mm), 3/8" (9mm), 1/2" (12mm), 5/8" (16mm).
- Dimensions: 4' x 8', 4' x 10', 4' x 12'.
- Weight:
 - 1/4" - 1.25 lb/sq ft
 - 3/8" - 1.84 lbs/sq ft
 - 1/2" - 2.46 lbs/sq ft
 - 5/8" - 3.25 lbs/ sq ft
- Edge Treatments: Square Edge.

Code Compliance

- ICC ESR-5507
- Mold Resistance: Scores 0/0/0 in ASTM G21 testing.
- AC 386, AC 376, and AC 378.
- ASTM E84 Flame Spread Index of 0, Smoke Developed Index of 0.



Suitable for All Residential and Commercial Construction



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