

# MAXTERRA™

## MgO Fire- And Water-Resistant Underlayment

### The Product

MAXTERRA™ MgO Fire- and Water-Resistant Underlayment panels 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.

### Uses

MAXTERRA™ MgO Fire- and Water-Resistant Underlayment panels can be used as a direct replacement for: conventional gypcrete cement underlayment, fiber cement underlayment, or any other type of underlayment prescribed to be installed over a structural subflooring system.

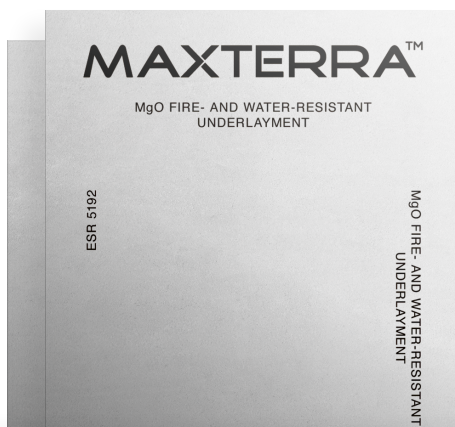
The product has been evaluated by The International Code Council Evaluation Service (ICC-ES) for use as underlayment in interior applications (see ESR-5192).

Panel Dimensions	
Available Thicknesses	1/4-inch (6 mm) 3/8-inch (9 mm) 1/2-inch (12 mm) 5/8-inch (16 mm)
Available Dimensions	4 feet x 8 feet
Product Weight	1/4-inch (6 mm): 1.22 lb/sqft 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



Installation instructions are available at [www.nexgenbp.com/resources](http://www.nexgenbp.com/resources)  
Or scan the QR code.

Performance Characteristics	
Nail Head Pull-Through (ASTM D1037)	≥ 90 lbf (saturated / wet test condition)
Surface Burning Characteristics (ASTM E84 / UL 723)	Flame Spread Index: 0 Smoke Developed Index: 0
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
<b>ICC-ES Acceptance Criteria</b>	Product has been evaluated for compliance to the following ICC-ES Acceptance Criteria: AC386, AC376, and AC378



Contact us to find a Distributor or Representative near you.  
[www.nexgenbp.com](http://www.nexgenbp.com)

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