

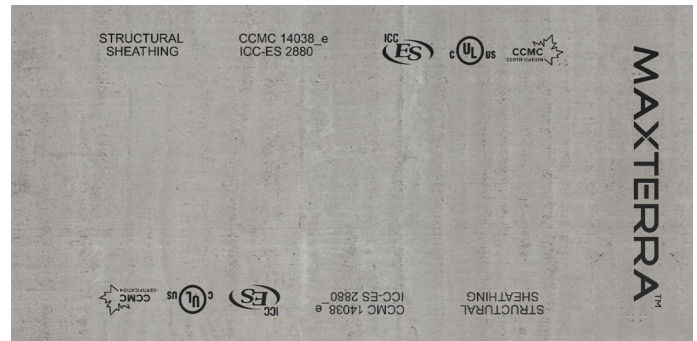
NEXGEN
BUILDING PRODUCTS

BUILD BETTER

Use the highest certified, most disaster resilient, and eco-friendly Magnesium Oxide based NEXGEN building products

ABOUT MAXTERRA™

NEXGEN MAXTERRA MgO board products are high density structurally rated magnesium oxide panels that can be used as a direct replacement for plywood and OSB for exterior sheathing and subflooring. Also interior and exterior gypsum panels, concrete underlayment, and tile backer panels.



BENEFITS OF MAXTERRA

Fire Resistance

All of the NEXGEN MgO disaster resistant attributes increase life safety and protect your investment. These MgO panels are non-combustible with zero flame and smoke spread.

Easy Installation

MAXTERRA uses traditional construction methods including sawing, scoring & break, using corrosion resistant screws. Fast interior and exterior installation.

Water Resistance

Using a building product that is water resistant has never made more sense. MAXTERRA panels do not rapidly deteriorate when immersed in water over a short period and maintains structural stability.

Eco-friendly

MAXTERRA is made using environmentally conscious materials and is non-toxic with no VOCs and no off-gassing. The manufacturing process is carbon neutral.

THE BEST TEST RESULTS AND CERTIFICATIONS





Use as interior and exterior sheathing, sub-flooring, underlayment, and more

Fire-rated wall, floor, and ceiling assemblies from 45 minutes to 4 hours

MAXTERRA APPLICATIONS

Residential Homes

Build high-performance homes that are Fire, Storm, Water, Impact and Mold resistant. Eco-friendly through entire life cycle, energy efficient, and low impact at end-of-life disposal.

Apartments & Condos

Construct Multifamily multi-story buildings that are resilient with low cost of ownership. Create excellent fire-walls and elevator shafts rated up to 4 hours with sound blocking.

Commercial & Industrial

Build Commercial, Industrial and Warehouse buildings in less the time with MgO Structural Insulated Panels (SIPs). Realize all the resilience benefits of MgO including lower insurance costs.

Board Thickness Options - * In Stock

Imperial: 1/8" 1/4" 3/8" 1/2"* 5/8" 3/4"*	Metric: 3mm 6mm 10mm 12mm* 15mm 19mm*
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Board Dimension Options - All In Stock

Imperial: 4'x8' 4'x9' 4'x10' 4'x12'	Metric: 1220x2440 1220x2750 1220x3050 1220x3660
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Panel Attributes

4'x8'x1/2" Panel is 2.2 lbs/sq. ft.
4'x8'x3/4" Panel is 3.3 lbs/sq. ft.
All boards are square finished standard

Product Availability and Storage

MgO boards are stocked across North America for timely shipment	Store board horizontally Do not stack above 12' All pallets 4800 lbs max
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Code Compliance

National	Fire Ratings	Water Resistance	Strength	Mold Resistance
ICC-ES-ESR-2880	ASTM E135 ASTM E119 ASTM E136	ASTM C1186 ASTM E96	ASTM C1185 ASTM D2394	ASTM D3273
CCMC 14038_e	UL-263 ULC S102	ASTM C1185 Freeze/Thaw	ASTM C1325 Blast Rating Level 8	ASTM D5116 No Toxic VOCs



Scan the QR code to go to the [NEXGEN Resources webpage](#) - insights, videos, technical and installation documents