MAXTERRA®

Performance Without Compromise

Certified. Proven. Trusted.



NEXGEN

Tomorrow's Building Solutions, Today.

Building today is more complex than ever

Tighter schedules.
Stricter codes.
Thinner margins.

Yet traditional materials only make it harder:

- Multiple trades to coordinate.
  Layers of workarounds to meet code.
  Risk, callbacks, and liability built in.

The materials you choose will either solve problems or create them.

MAXTERRA® MgO Panels are built to solve them. Without compromise.

Not All MgO Is Created Equal — And That Matters.

It doesn't burn. It doesn't mold. It doesn't fall apart when it gets wet.
That's what makes magnesium oxide (MgO) different and better than traditional building materials like OSB, plywood, gypsum cement, or fiber cement.

But not all MgO boards are the same.



More than just a name...

The market is full of MgO products that ride the coattails of what MgO could be. They make claims they can't and don't support with evidence.

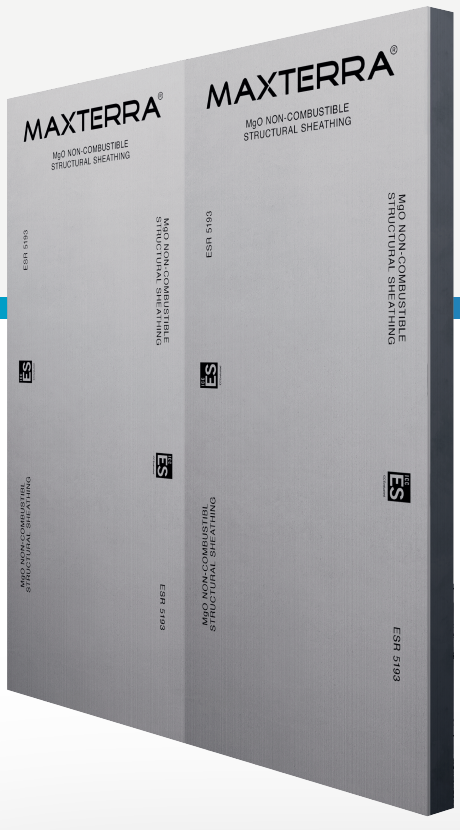
They may look similar on the surface, but under closer inspection, they fall short in ways that matter:

- Made with inferior chloride-based formulas that **increase the risk of corrosion**
- **Lacking third-party testing or certifications**
- **Require extra structural support** due to weak panel connections or lower load capacity that demands tighter framing intervals

The MAXTERRA® Difference

Every product is designed for structural integrity, code compliance, and long-term performance.

- Sulfate-based formulation with **no corrosion risk**
- **ICC-ES evaluated**
- Multiple **Fire-Rated** Assemblies Available
- The only MgO panel with a verified **Environmental Product Declaration** (EPD) for the North American market
- Red List free with **no added VOCs, quartz silica**, or harmful ingredients
- Tested for fire-performance, mold-resistance, water-resistance, and structural performance
- Manufactured under strict quality control for consistent performance





If it's not **MAXTERRA®**, it's not **the most highly certified and trusted MgO product on the market.**

This isn't just a better product. It's a better way to build.

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It starts with the floor...

Two dry-installed systems. One breakthrough approach.

Skip-The-Gyp™



Option 1: OSB + MAXTERRA® Fire- and Water-Resistant Underlayment

Ideal for: Conventional wood framing or developers looking to drop in a better underlayment system.

- Installs over OSB or plywood.
- Fire-rated assemblies.
- Meets STC/IIC code without a sound mat.
- Lightweight, durable, and easy to install.
- No additional floor plate required.
- No curing time, no callbacks.

Why choose it?

Upgrade your gypsum cement without changing your framing or your crew. **A better system with fewer headaches and none of the scheduling drama.** With gypsum, you need to get your underlayment crew on the calendar weeks in advance, and flexibility is rarely part of the deal.







Gypsum slows you down. MAXTERRA® puts you back in control.

Whether you're streamlining to a single-layer system or upgrading your underlayment, **MAXTERRA®** gives you flexibility without changing how you frame, the installer you choose, or the tools they use.



Option 2: MAXTERRA® Non-Combustible Single Layer Structural Floor Panel

Ideal for: Either wood or light-gauge steel construction, light commercial, and multifamily projects.

- Installs directly over joists spaced up to 24" O.C.
- Eliminates OSB and underlayment.
- Structural and fire-rated.
- Multiple assemblies with 50+ STC/IIC sound ratings.
- Cleaner job sites and reduced trades.
- No additional floor plate required.



Why choose it?

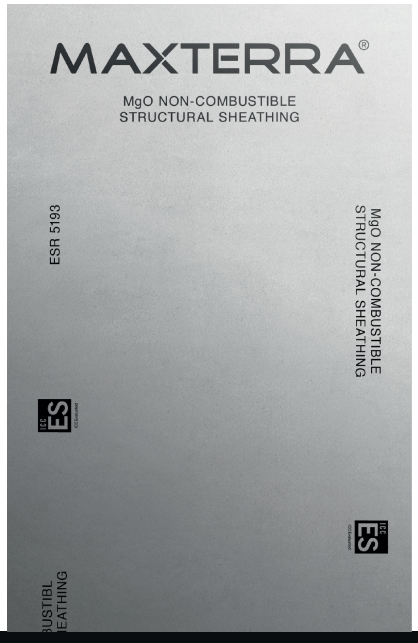
One board instead of two. No pour. No moisture. **Fast installs and superior performance.**

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Walls That Protect.
Walls That Perform.

MAXTERRA® transforms traditional wall assemblies with unmatched fire resistance, moisture protection, and structural strength, all in a single-layer installation.



MAXTERRA® Non-Combustible Structural Sheathing

- Ideal for: Light-gauge steel, wood framing, exterior and interior walls
- 1-hour fire resistant rated with a single layer of sheathing and any cladding
- Fire-Rated with fiberglass or mineral wool insulation
- Structurally rated (wind and shear) for stud spacing of 24" O.C.
- NFPA 285 Performance
- Zero mold growth (ASTM G21), dimensionally stable
- Certified – ESR-5193, ESL-1568.

Fire Resistant | Pest Resistant | Mold & Mildew Resistant

Break Free from the **Constraints of Traditional Wall Assemblies**







Building Type I, II and III Construction

MAXTERRA® not only meets Type I, II, and III requirements for noncombustibility, it exceeds them while allowing 24-inch stud spacing and supporting any type of cladding. Options you don't get with inferior non-combustible materials or fire-retardant-treated (FRT) wood.

Fire Rating With Flexible Cladding Options

In dense construction environments like multifamily and hotel projects, walls that require a fire rating must be protected from both sides. Traditional FRT products achieve this with the use of stucco or brick cladding, piling on more materials, more labor, and more time. MAXTERRA® eliminates that hassle. It achieves a one-hour fire rating from the exterior with just a single layer of 1/2" or 5/8" sheathing and any type of cladding. No brick or stucco required. No extra trips around the building. Just faster, safer construction with less labor and less cost.



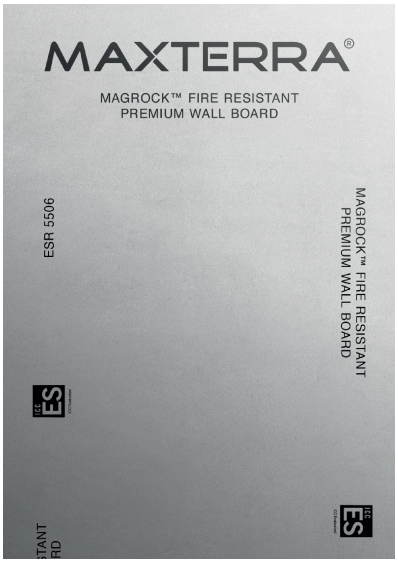
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Water Resistant | Healthier Living Environment | Storm Resistant



The Interior **Advantage**

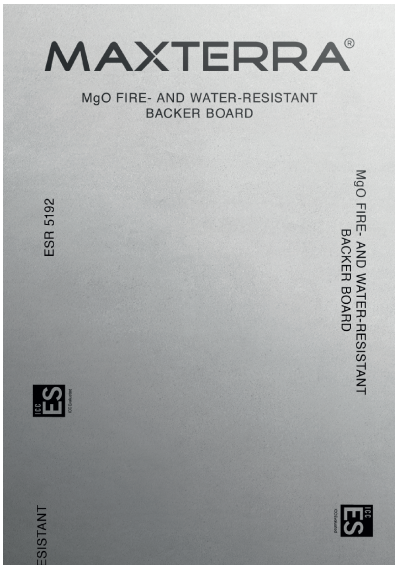
MAXTERRA® interior products replace traditional materials with solutions engineered for fire resistance, moisture protection, and long-term durability. No VOCs. No carcinogens. No compromises.



MagRock™ Fire Resistant Premium Wall Board

Ideal for: Interior walls and ceilings in residential, multifamily, and commercial projects.

- Replaces traditional gypsum panels
- No paper facing to feed mold
- Fire resistant with Flame Spread Index of 0
- Aesthetic level 5 finish
- Compatible with standard framing systems
- Certified: ICC ESR-5506



MAXTERRA® MgO Fire- and Water-Resistant Backer Board

Ideal for: Tile applications in kitchens, bathrooms, and wet areas.

- Replaces conventional tile backer products
- Zero mold growth (ASTM G21)
- Fire and water resistant
- Lightweight, cuts with standard tools or score and snap
- Quartz silica-free, no carcinogens
- Certified: ICC ESR-5192





A Product for Every Application



How Builders Are Using **MAXTERRA®** Across Projects

	MAXTERRA® Non-Combustible Structural Wall Sheathing	MAXTERRA® Non-Combustible Single Layer Structural Floor Panels	MAXTERRA® MagRock™ Fire Resistant Premium Wall Board	MAXTERRA® Fire and Water-Resistant Underlayment and Backer Board
Uses	Exterior and Interior Sheathing, Underlayment, SIP Skins	Single Layer Subfloor	Interior Sheathing	Tile Backer Board, Underlayment
Replaces	OSB, Plywood, Engineered Wood Sheathing, Drywall and Backer Board	Plywood or OSB with Gypsum Cement - or - Corrugated Metal Deck with Reinforced Concrete	Drywall (Interior Gypsum Panel Products) and Other Interior Wall Panel Materials	Inferior Tile Backer Board And Underlayment Products

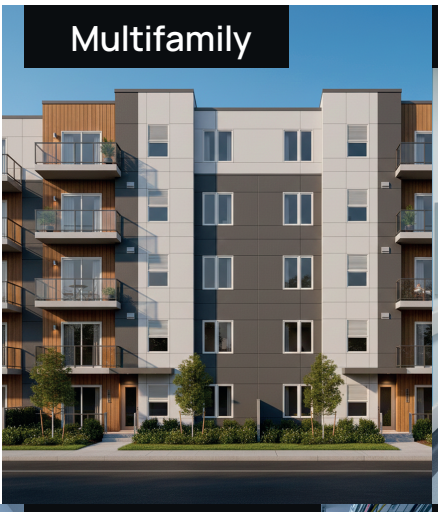
"The biggest benefit we found was that **we saved 2–3 weeks** on our construction schedule by using this product."

Megan Leatherwood,
Construction Superintendent at Trafalgar Homes

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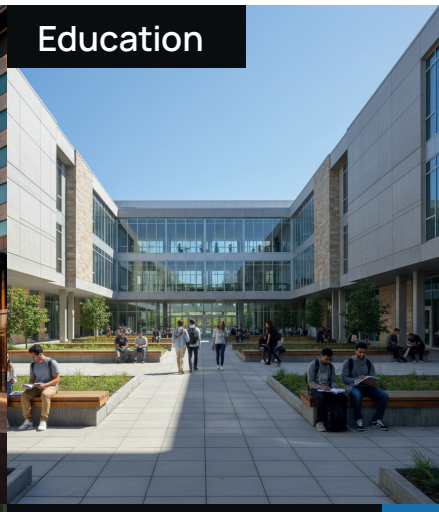
From **Multifamily** to **Data Centers**

Whatever you're building and however you build it, **MAXTERRA®** delivers.

















MAXTERRA® Building Method Compatibility

	Wood Frame	Light Gauge Steel	Insulated Concrete Forms	Structurally Insulated Panels	Concrete Block	Panelized Construction	Modular Construction
Exterior Structural Sheathing	✓	✓	✓	✓	✓	✓	✓
Interior Wall Board	✓	✓	✓	✓	✓	✓	✓
Tile Backer	✓	✓	✓	✓	✓	✓	✓
Underlayment	✓	✓	✓	✓	✓	✓	✓
Single Layer Subfloor	✓	✓	✓	✓	✓	✓	✓

Why Choose **MAXTERRA®**?

- Mineral-based, non-combustible MgO systems engineered for structural, fire, and moisture performance.
- Sulfate-based formulation that avoids corrosion risks associated with chloride-based MgO products.
- Free from VOCs and quartz silica.
- Third-party certified by ICC-ES for code-compliant performance.
- Installs with conventional tools and crews — no special trades or specialty equipment.
- Supported by a national distribution network with more than 1,800 locations across North America.

ICC ES ICC Evaluated

intertek

QAI® US



Single-Trade Installation

Application Guides for **Demanding Builds**

Different building types create different challenges. **MAXTERRA®** systems are engineered and documented to meet them.



Cold-Formed Steel Construction

- Non-combustible wall and floor assemblies.
- Fire-rated, moisture-resistant, structurally tested.
- Optimized for CFS framing systems.



Multifamily & Hotel Construction

- Single-layer fire-rated walls.
- Dry-installed floor systems.
- Faster schedules, fewer trades.



Skip-the-Gyp Flooring Systems

- Eliminate wet gypsum.
- No curing time, no moisture risk.
- One-trade, predictable installs.

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Explore the Application Guides

MAXTERRA®

A safer, stronger, healthier way to build.



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