extremegreen™

wallboard

FIRE, WATER + MOLD RESISTANT - ELIMINATES BLOCKING

extremegreen wallboard

extremegreen wallboard represents the biggest technological advance in interior sheathing technology since the invention of drywall. **extreme**green has been designed to replace time consuming multi-layer drywall assemblies with a single layer, outperforming the competition in terms of its resistance to fire, impact and water, acoustical performance and quality of finish.

Manufactured in a strict quality controlled environment, **extreme**green is made from 100% inorganic inputs. This means no rot, mold or mildew, when subjected to humid, damp or flood conditions. In fact, **extreme**green is impervious to water, dimensionally stable when wet, and provides a high-impact abuse resistant interior sheathing solution that is ideal for

Fire-Resistance

extremegreen panels are non-combustible and Class A1 Fire Rated, scoring a zero flame spread and zero smoke developed rating when tested to ASTM E84 / UL 723. No traditional drywall panel can claim this. Water, chemically bound in **extreme**green during manufacture is released as steam during a fire event, helping reduce flame spread.

Blocking

Hang virtually anything from **extreme**green without the need for blocking - Big screen TVs, kitchen cabinetry, bathroom fixtures + fittings, shelving, heavy art and ADA grab bars.

Installation

extremegreen wallboard can be installed vertically or horizontally directly to wood or steel studs. Install over wood using nail or screw fasteners. Screws are required for metal. Fasteners should be compliant with applicable local code and should penetrate wood members by at least 1" (25.4mm). Install fasteners between 3/8" (9.5mm) to 1/2" (12.7mm) from panel edges. Fasteners should be spaced a maximum of 12" (305mm) o.c. on the perimeter and 12" (305mm) in the field. Always follow local code in relation to fire-resistant assemblies.

Due to **extreme**green's unparalleled fastener holding power, virtually anything can can be nailed or screwed directly to it eliminating the need for blocking, or to find a stud.

Available Sizes + Ratings

Due to an innovative proprietary formula and structural design, **extreme**green wallboard panels deliver unparalleled structural performance, abuse and fire-resistance in one single panel.

extremegreen wallboard panels are available in **4' x 8'**, **4' x 9'** and **4' x 10'** dimensions and are available with a precision milled recessed edge or square edge in the following performance categories.

- **1/4" Wallboard** - Decorative + Tile Backer Applications
- **1/2" Wallboard** - Fire Wall + High Traffic Applications
- **5/8" Wallboard** - Load Bearing + Fire-resistant Applications

Fire Resistant | Water Resistant | Mold Resistant | Termite Resistant | People Friendly | Contractor Friendly | 100% Recyclable

extremegreen™

product comparison

Nominal 1/2"	extremegreen™			Dragonboard®			USG Sheetrock®			GP ToughRock®			Gold Bond®			CertainTeed		
Fastener Spacing	6"	4"	3"	6"	4"	3"	6"	4"	3"	6"	4"	3"	6"	4"	3"	6"	4"	3"
Allowable Shear (psf)	287	451	656	Not Indicated			Not Structural			Not Structural			Not Structural			Not Structural		
Flexural Strength (psi)	1,850			Not Indicated			≥107			107			≥80			≥100		
Tensile Strength (psi)	505			Not Indicated			Not Indicated			Not Indicated			Not Indicated			Not Indicated		
Compressive Strength (psi)	1,440			Not Indicated			Not Indicated			Not Indicated			Not Indicated			Not Indicated		
Fastener Pull Through (psi)	300			Not Indicated			≥77			77			≥80			Not Indicated		
Fastener Lateral Capacity (psi)	245			Not Indicated			Not Indicated			Not Indicated			Not Indicated			Not Indicated		
Level 5 Finishes	Yes			Yes			No			No			No			No		
Flame Spread Index	0			0			15			15			0			15		
Smoke Developed Index	0			0			0			0			0			0		
Contains Fly Ash	No			No			Yes			Yes			Yes			Yes		
Contains Gypsum	No			No			Yes			Yes			Yes			Yes		
Impact Resistant	Yes			Yes			No			No			No			No		
Toxin-Free	Yes			Yes			No			No			No			No		
Water Resistant	Yes			Yes			No			No			No			No		
Mold Resistant	Yes			Yes			No			No			No			No		
Vapor Permeable	Yes			Yes			Yes			Yes			Yes			Yes		
Board Weight (lbs./ft.^{2})	2.47			Not Indicated			2.20			2.00			2.10			1.90		

Notes:

- All data collated from respective manufacturers' published technical data sheets.
- †† Source American Wood Council, APA, DOC, HPVA, HUD, + UL.
- † Ultimate - not design value.

Testing + Code Compliance

extremegreen is fully tested and certified to ASTM test standards in accordance with the International Building Code and International Residential Code 2009, 2012 and 2015.

Third party independent code compliance testing performed by NTA and Intertek. UL assemblies pending.

Warranty

extremegreen is backed by a limited lifetime warranty, see website for full details.

Technical Support

Further information including specifications, product literature, test reports, assemblies, installation instructions, and special applications is available through **Extreme**green **Building Products**.

Call **251.405.4717** or visit **extremegreenbp.com**

Stronger. Faster. Safer.

Benefits

Superior Design Strength
- Structural + fire-resistant
- High impact resistance

Impervious to Water
- Dimensionally stable when wet
- No rot, mold or mildew

Faster Installs
- Single layer fire-resistant assemblies
- 50% less plaster + paint for Level 5 finish

Higher Density
- Ten times more impact resistant than drywall
- Eliminates the need for blocking

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