**extreme green wallboard**

*extreme green* 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**

*extreme green* 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**

*extreme green* 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 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. *extreme green* 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**
# Product Comparison

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

**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
extrmegreen 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
extrmegreen 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 Extrmegreen Building Products.

Call 251.405.4717 or visit extrmegreenbp.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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