



HIGH-PERFORMANCE
(FIRE & ACOUSTIC)

INNOVATING FIRE-RESISTANT SHEAR WALL SOLUTIONS



5/8" Megaboard Shear Wall Advantages

- 5/8" MEGABOARD Changes The Way To Build Shear Wall Without Conventional Shear Wall Problems
- Commercial, Institutional, Hospitality
- Low Rise And Mid Rise Mix Use Construction
- The Only 2 Hrs Rated Wall Assembly With Single Layer Of MEGABOARD On Each Side Of The Stud
- Super Deal For Panelization And Modular Manufacturing
- Single Layer For Seismic And Wind

Highly Fire Resistant: Single Layer Of 5/8" Megaboard Equals To 3 Layers Of 1/2" Gypsum Board.

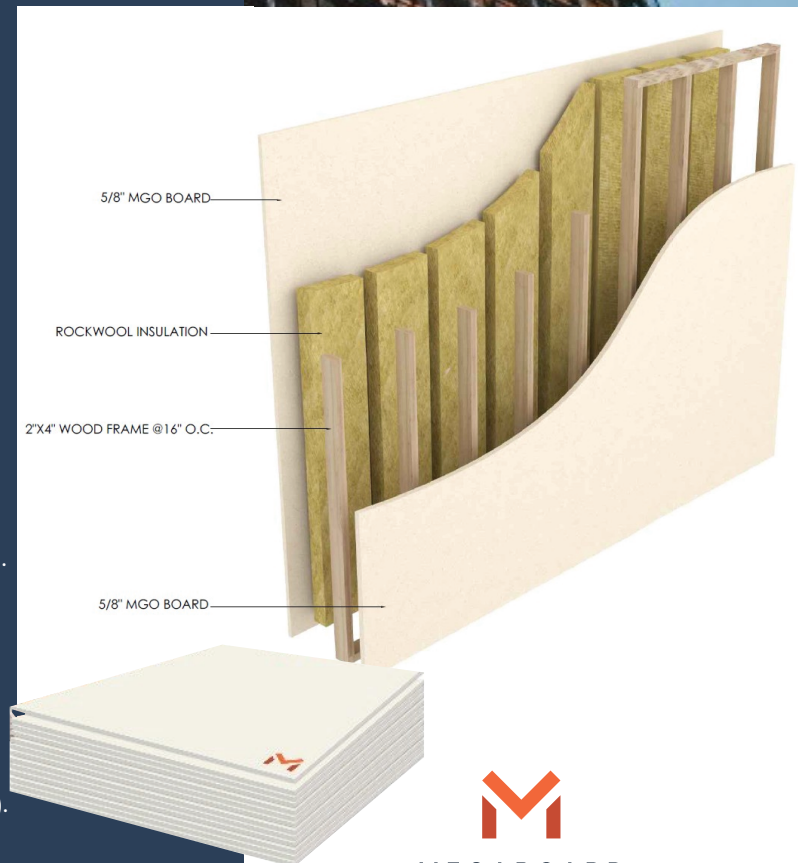
Molds And Termites Resistant

5/8" MEGABOARD Wallboard - Technical Performance

- Fire Rating: 2-Hour Rated Wall Assembly (Tested With Intertek).
- Combustibility: Non-Combustible; Passed Astm E136.
- Surface Burning: Class A (0 Flame / 0 Smoke).
- Resistance: Immune To Rot And Termites; Mold Resistant (0/0 Rating).
- Framing: Nominal 2x4 inch wood studs, spaced at a maximum of 16 inches on center.
- Insulation: Stud cavities must be filled with minimum 6 pcf (100 kg/m³) rigid mineral wool insulation, friction-fitted to the full thickness of the wall cavity.
- Fasteners:
 - Nails: 10d smooth shank common nails (minimum 3 inches long).
 - Screws: Minimum 1-5/8 inch long No. 8 bugle head wood screws.
 - Spacing: Fasteners must be spaced 6 inches on center.

Physical Properties & Packaging

- Dimensions: Available in 4'x8' and 4'x10' sheets.
- Weight: 4.06 lb/SF (130 lbs per 4'x8' sheet; 163 lbs per 4'x10' sheet).
- Density: 1240 Kg/M³ (77.37lbs/ft³).
- Storage: Stack pallets no more than 4 units high. If frozen, allow panels to thaw naturally above 32°F(0°C).



MEGABOARD

**PROUD SUPPLIER OF
HIGH-PERFORMANCE MEGABOARD**

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