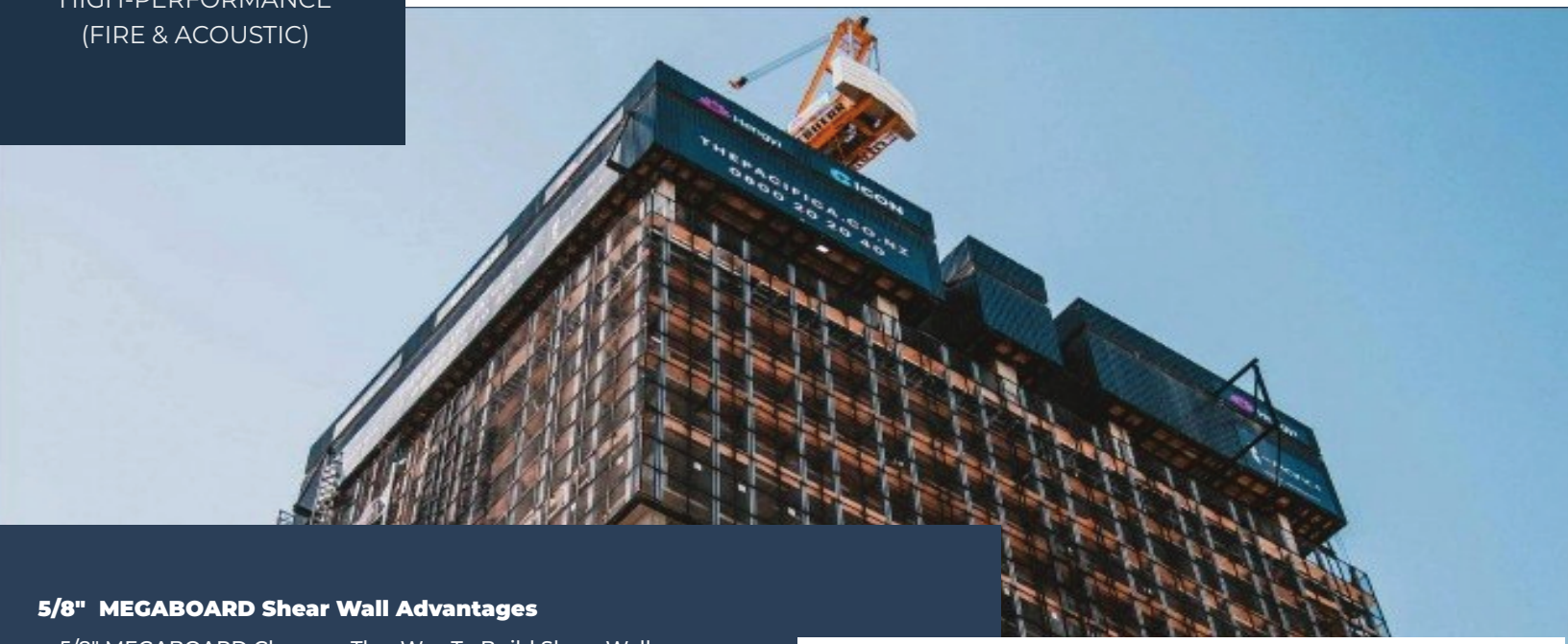
ectek

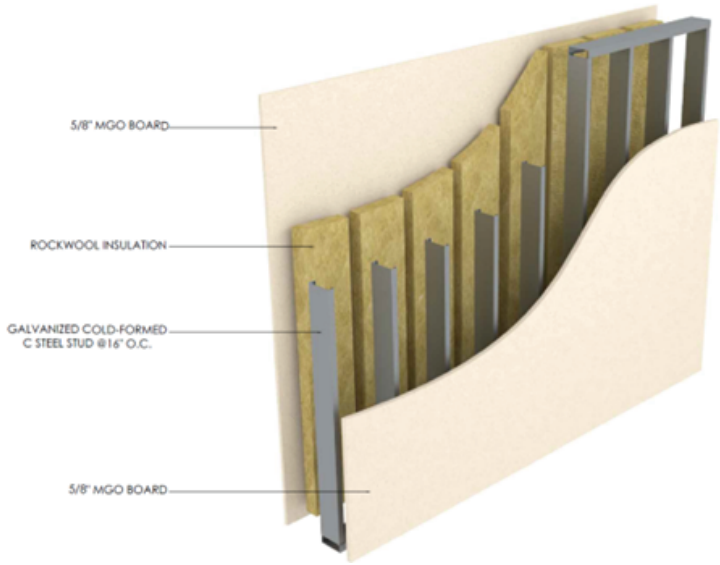
HIGH-PERFORMANCE
(FIRE & ACOUSTIC)

ECTEK - 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, Instutitional, Hospitality
- Low Rise And Mid Rise Mix Use Construction
- The Only 2 Hrs Rated Wall Assembly With Signgle Layer Of MEGABOARD On Each Side Of The Stud
- Noncombustible Construction
- Super Deal For Panelization And Modular Manufacturing
- 5/8" MEGABOARD : Benefits Over Other Sheathing Material
- Single Layer For Seismic And Wind



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).
- Bending Strength: MINIMUM Value Of 2610 Psi (18 Mpa) .
- Resistance: Immune To Rot And Termites; Mold Resistant (0/0 Rating).
- Shear Strength (Wall): 3575 Plf.

Shear Strength (5/8" Single Sided)

Design Load Type	Framing Specification	Screw Spacing (Edge/Field)	Strength (plf)	Displacement (in.)
Seismic (Nominal)	54 mil, 50 ksi CFS	2" / 6"	3575	1.515
Seismic (ASD)	54 mil, 50 ksi CFS	2" / 6"	1430	0.203
Seismic (LRFD)	54 mil, 50 ksi CFS	2" / 6"	1813	0.291
Wind (ASD)	54 mil, 50 ksi CFS	2" / 6"	1788	0.285
Wind (LRFD)	54 mil, 50 ksi CFS	2" / 6"	2324	0.443

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 (77.37 lbs/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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