

15 Reasons to Consider M4 Over the Competition

Assumptions: Load bearing wall construction with fireproofing (Commercial or Residential). 4'x8' Boards.
(Wholesale Pricing Estimate not including taxes or delivery)

Function / Trait	M4 ½"	O.S.B. 3/8"	Competitor MgO ½"	Gypsum Fireguard 5/8"	Moisture Barrier
<i>Includes</i>	Shear, Fire, Weather Barrier	Shear ONLY	None (For interior use only)	Fire ONLY	Weather Barrier ONLY
<i>Mold Resistant</i>	Yes	No	Yes	Yes	Yes
<i>Termite Resistant</i>	Yes	No	Yes	Yes	Yes
Contains Chloride	No	No	Yes	No	No
<i>Freeze/Thaw</i>	Good	Poor	Good	Poor	Good
<i>Structural Strength</i>	High	High	Mid	Low	n/a
<i>Impact Strength</i>	High	Mid	High	Low	n/a
<i>Fireproof Layer</i>	Inherent	Needed	Inherent	Inherent	Needed
<i>Certified ICC-ES AC 269.2</i>	Yes	Yes	No	No	No
<i>Weather Barrier</i>	Inherent	Add Barrier	Inherent	Add Barrier	Inherent
<i>Material Cost</i>	\$.70/sf	\$.25/sf	\$.81/sf	\$.56/sf	\$.10/sf
<i>Flashing Tape for horizontal joints</i>	\$.02/sf	Uses Moisture Barrier	\$.02/sf	Uses Moisture Barrier	Not needed
<i>Labor Cost</i>	\$4.10/sf	\$3.50/sf	\$4.10/sf	\$3.56/sf	\$.15/sf
<i>Total w/ Labor & Material to achieve a fire rated, weather barrier, shear wall</i>	All-in-one \$4.82/sf	\$3.75/sf + Fireguard + Weather Barrier = \$8.12/sf	N/A	\$4.12/sf + OSB + Weather Barrier = \$8.12/sf	\$.25/sf + OSB + Fireguard = \$8.12/sf
SAVINGS – 40% on Material, Half the Labor, Faster Installation and Superior Performance					

Only board in the US to have passed a 1-hour load assembly fire test on 2'x4' wood studs!
M4 delivers an all-in-one shear wall with fire protection and weather barrier.

Questions and Answers:

- 1. What is the Multi-Panels M4 Sheathing Board?** M4 is a composite building board that meets ICC-ES/ASTM structural load bearing wall requirements, PLUS it is fireproof, weatherproof, resistant to termites, mold and fungus, doesn't expand or contract, rot or warp, is VOC free and eco-friendly. The M4 is extremely versatile and provides strong racking resistance for both residential and commercial building. The M4 is suitable for a wide range of general building applications requiring fire rating and no fire rating. It is helping eliminate common warranty concerns of completed structures.
- 2. Is Multi-Panels M4 board really rated for load bearing demands and fire requirements?** Yes. Multi-Panels USA has passed ICC-E 72 for structural strength on 2" by 4" wood studs and steel framing. Many companies in the market claim to call their boards "structural" because they are used in the over-all structure of the building. Take note that Multi-Panels' is approved for "load-bearing" as defined by the ICC-ES/ASTM. The M4 has also passed ICC-ES/ASTM E119 one-hour fire test on 2"x4" wood framing individually as well as a load bearing wall in an assembly with 5/8" Type X Gypsum on the inside (no tricks with insulated studs or muds, etc. like our competition does) = Fire tested on both sides and passed. Not all boards are created equal and we welcome you to compare the M4 to anything else in the marketplace. The M4 has been in creation and design for over a decade and we are very proud of the unique position it offers in the building environment.
- 3. How does Multi-Panels M4 board compare to price with OSB/Plywood?** M4 is more expensive than OSB/Plywood in terms of price per square foot of material. However, it is far more cost effective in terms of its value and performance. Multi-Panels M4 board was not designed as just a one-step replacement for the very dangerous and expensive cost to repair properties of what we call "fire kindling OSB/Plywood" [we could call it "co-dependent OSB/Plywood" as its integrity is dependent upon remaining in a moisture free and flame free environment]. M4 was created as an inorganic alternative to be used in several different applications. Whether you want to replace the fireproof barrier plus OSB/Plywood on a building or build your single family home with the peace of mind of fireproof, mold and termite protection, the M4 board is the perfect solution for you as it forgives the snowball effect of roof leaks and other structural warranty concerns and hazards. It is an integral piece of a superior built structure.
- 4. Why does Multi-Panels not require customers to buy Multi-Panels fasteners, staples, etc.?** Most of the major brands in the US require customers to purchase fasteners and accessories that are marked up and slapped with the company's label. This is not part of the value proposition Multi-Panels USA provides. We want our customers to maximize their cost savings and have the flexibility to purchase the accessories that are most convenient to them.
- 5. Is there anything else I should ask? Yes: How can the Chloride content of a board effect the performance over time?** Chloride is a very common naturally occurring element. For building panels it can prove to be a hazard to adjoining metal materials. Humid environments promote the release of the chloride which compromises and corrodes the metal fasteners that are used to affix the board itself as well as adjoining window, roof and vent flashing. Multi-Panels M4 board is the only board of its kind on the market that has eliminated this chloride issue. Making M4 ideal not only for standard environments but also for the more demanding hot, humid, and coastal environments.