

JUDAH MOISTURE & FIRE RESISTANCE®

Product Characteristics

Properties	1/2" Board Type X ⁶	5/8" Board Type X ⁶
Width, ft (mm)	4' (1200)	4' (1200)
Lengths ¹ , ft (mm)	8' (2400) 10' (3000)	8' (2400) 10' (3000)
Weight ⁴ , lbs/ft ² (kg/m ²)	2.17 (10.6)	2.60 (12.7)
Edge Types	Square / Tapered	Square / Tapered
Flexural Breaking Load Strength ^{2,4}	Exceeds minimum code requirement	Exceeds minimum code requirement
Hardness ^{2,4} (Core / End / Edge)	Exceeds minimum code requirement	Exceeds minimum code requirement
Humidified Deflection ^{2,4} (in) 0	<1/4" (6mm)	<1/8" (3mm)
Nail Pull Resistance ^{2,4} (lbf) 124	Exceeds minimum code requirement	Exceeds minimum code requirement
Water absorption % by weight ⁴	≤ 5%	≤ 5%
Surface Burning Characteristics ⁵ <i>Flame Spread / Smoke Developed</i>	0/0 Class A	0/0 Class A

1 - Custom lengths available upon request

2 - ASTM C1396

3 - ASTM D3273-94

4 - ASTM 473

5 - ASTM E84

6 - ASTM C 1177/ C 1177 M

Submittal Approvals





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Product Description

JUDAH MOISTURE & FIRE RESISTANT® gypsum plasterboard MRFW TE is a factory produced 4FT wide gypsum board offering besides the inherent properties of firewall plaster board, has accrued moisture resistance. This specific property is due to specific additives such as water repellent agents in its core in addition to the fire retarding agents. It is encased in a heavy natural-finish green colored paper on the face side and on strong pink colored paper on the back side.

The face paper is folded around the tapered long edges (on the face side only) to reinforce and protect the core and cross ends are square cut. The taper allows for concealing of joints by an appropriate joint treatment.

Product Applications

Moisture repellent additives provide significant prolonged resistance to water penetration and make these boards suitable for drywall systems in humid aerated areas. They are not suitable for enclosed permanently humid areas. The gypsum core offers no support for combustion and temperature is kept under control until entirely calcinated. JUDAH MOISTURE & FIRE RESISTANT® gypsum plasterboard is the ideal product for prolonged measurable fire resistance of drywall systems. The addition of glass fibers and the special additives in the JUDAH FIREWALL® Board improves the cohesive properties and fire integrity properties providing greater fire resistance, as there is no volume loss. It also gives better acoustic resistance (due to the increase in the mass of the board), in comparison with the regular boards.

Safety & Handling - CAUTION

FIRE SAFETY: Surface burning in accordance with ASTM E84 gives flame spread < 25, no smoke. Class A.

HEALTH AND SAFETY: JUDAH MOISTURE & FIRE RESISTANT® is free from Asbestos & Strontium Sulphide.

This product does contain fiberglass which may cause irritations to skin, eyes, lungs, or other exposed areas during handling or installation whether in board or particulate form. Use precaution and wear appropriate clothing with long sleeves, pants, eye protection, and breathing masks at your own discretion.

Limitations

It is recommended to avoid constant or ongoing exposure to moisture for JUDAH MOISTURE & FIRE RESISTANT® gypsum plasterboards. This product is not designed for water immersion or below-grade installation.

