

JUDAH MOISTURE RESISTANCE BOARD®

Product Characteristics

Properties	1/2" Board Type 3 ⁶	5/8 Board Type 3 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)	1.47 (9.4)	1.92 (11.3)
Edge Types	Square / Tapered	Square / Tapered
Flexural Breaking Load Strength ^{2,4} (<i>Parallel</i>)	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 (mm)	<1/4" (6mm)	<1/8" (3mm)
Nail Pull Resistance ^{2,4}	Exceeds minimum code requirement	Exceeds minimum code requirement
Water absorption % by weight ⁴	≤ 5%	≤ 5%
R Value, ft ² •°F•hr/BTU (m ² •K/W)	.34 (.06)	.45 (.08)
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 C1396/C1396M

Submittal Approvals



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Product Description

Judah Moisture Resistant® gypsum plasterboards have the inherent properties of regular plasterboards as well as accrued moisture resistance. The property is due to the specific additives such as water repellent agents in the non-combustible, mechanically stable aerated gypsum core. This core is encased in heavy duty Kraft paper liner on either side of the board. These boards inhibit moisture absorption in the gypsum core when used for lining interior walls and ceilings, which may be exposed to a high degree of moisture.

Product Applications

Judah Moisture Resistant® 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 as well as for outside use – see Judah GlassMat® boards. The gypsum core offers no support for combustion and temperature is kept under control until entirely calcinated. Judah Moisture Resistant® gypsum plasterboards is associated with a volume loss resulting in cracks that will limit the fire-resistance of drywall systems. For prolonged measurable fire-resistance of tested drywall systems JUDAH MOISTURE & FIRE RESISTANT® (MRFW) and/or GlassMat(GM) External gypsum boards have to be used as per relevant technical data sheets.

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 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 Resistant® gypsum plasterboards. This product is not designed for water immersion or below-grade installation.

