

JUDAH MOISTURE & MOLD 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)	2.29 (9.6)	2.74 (11.8)
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 (mm)	<1/4" (6mm)	<1/8" (3mm)
Nail Pull Resistance ^{2,4}	Exceeds minimum code requirement	Exceeds minimum code requirement
Mold resistance rating ³ , <i>nil score</i>	10	10
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 C 1396/ C 1396M

Submittal Approvals



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Product Description

JUDAH MOLD & MOISTURE RESISTANT® gypsum plasterboard MMR TE is a factory produced 4FT m wide gypsum plasterboard offering besides the inherent properties of moisture resistant plaster board, has accrued mold and mildew resistance. This specific property is due to the specific biocide added to core off the board, along with other moisture resistant additives and glass fibers. JUDAH MOLD & MOISTURE RESISTANT® gypsum plasterboard is encased in a heavy natural-finish green colored paper on the face side and a strong green color 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. The special biocide in the core provides the required mold resistance on exposure to water. They are not suitable for permanently wet & 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 it is entirely calcined. Mold & 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 with mold and moisture resistance, 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 MOLD & 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 MOLD & MOISTURE RESISTANT® gypsum plasterboards. This product is not designed for water immersion or below-grade installation.

