

JUDAH FIREWALL®

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) | 2.15 (10.5) | 2.58 (12.6) |
| 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 |
| R Value, ft ² •°F•hr/BTU (m ² •K/W) | .28 (.05) | .34 (.06) |
| 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





JUDAH FIREWALL®

Product Description

JUDAH FIREWALL® gypsum plasterboard is a factory produced 4FT wide gypsum board offering its high quality properties of non-combustibility, fire resistance and mechanical stability that makes it suitable for screw-fastening to drywall structures in steel as well as in wooden sections. It is encased in a heavy natural-finish pink 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

The gypsum core offers no support for combustion and temperature is kept under control until entirely calcinated. Firewall gypsum plasterboard is the ideal product for prolonged measurable fire-resistance of drywall systems. The addition of glass fibers and the special additives in JUDAH FIREWALL® board improve 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 FIREWALL® 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 FIREWALL® gypsum plasterboards. This product is not designed for water immersion or below-grade installation.

