

# USG BORAL SHEETROCK® BRAND GLASS-MAT LINER PANELS MOLD TOUGH™ (FOR SHAFTWALL APPLICATIONS)



- High-performance glass-mat panels with moisture and mold resistance for use in USG Boral shaftwall and area separation wall systems
- Direct substitute for USG Boral SHEETROCK® Brand gypsum liner panels and USG Boral SHEETROCK® Brand Mold Tough™ gypsum liner panels when prolonged weather exposure is anticipated
- UL Classified as to fire resistance, surface burning characteristics and non-combustibility
- Comprehensive product and system testing ensures long-term performance and safety

## DESCRIPTION

USG Boral SHEETROCK® Brand Glass-Mat Liner Panels Mold Tough™ have a non-combustible, moisture- and mold-resistant gypsum core that is encased in a moisture- and mold-resistant glass mat. The panels are UL Classified as to fire resistance (Type SLX) and feature double-beveled edges for easy installation. Panel may be substituted for USG Boral SHEETROCK® Brand gypsum liner panels and USG Boral SHEETROCK® Brand Mold Tough gypsum liner panels in all USG Boral SHEETROCK® Brand shaft wall and area separation wall systems.

**Note:** These USG Boral SHEETROCK® Brand Glass-Mat Liner Panels Mold Tough™ have been tested for fire resistance, structural performance and sound control only when used with USG Boral SHEETROCK® Brand shaft wall and area separation wall framing components. All USG Boral SHEETROCK® Brand shaft wall and area separation wall system components must be used together to ensure superior system performance and safety. Substitutions of any components are not recommended and are not endorsed by USG Boral.

**ADVANTAGES**

**Mold-resistant:** Scores a 10 (highest) when tested in accordance with ASTM D3273.

**Resists Water:** Glass-Mat Sheathing facer on both sides sheds water.

**Quick and Dry Installation:** Quick score-and-snap, with no sawing or special tools needed.

**Exposure:** Can be exposed to weather for up to 12 months after application.

**Warranted Performance:** USG Boral SHEETROCK® Brand Glass-Mat Liner Panels Mold Tough™ is guaranteed for five years against manufacturing defects and has a 12-month limited-exposure warranty.

**LIMITATIONS**

1. Avoid exposure to sustained temperatures exceeding 50°C.
2. USG Boral SHEETROCK® Brand Glass-Mat Liner Panels Mold Tough™ offer resistance to normal weather conditions but are not intended for constant exposure to water. Protect this and all similar materials from immersion in water and the eroding effects of cascading water.
3. Non-load-bearing.
4. Please reference USG Boral SHEETROCK® Brand Glass-Mat Liner Panels Mold Tough™ warranty sheet for full list of limitations.
5. Not for use in unlined air-supply ducts.

**PRODUCT DATA**

**Size:** Panels are 1” (25.4mm) thick x 24” (610mm) wide and available in 8’ (2438mm), 10’ (3048mm) and 12’ (3658mm) standard lengths; other lengths available by special order.

**Weight:** 19.53kg/m<sup>2</sup>

**Labeling:** Each panel bears the Underwriters Laboratories, Inc. mark as evidence of UL Classifications as to fire resistance, surface burning characteristics and non-combustibility.

**FLEXURAL STRENGTH**

|                      |                                     |
|----------------------|-------------------------------------|
| <b>Parallel</b>      | >200 lbf, per ASTM test method C473 |
| <b>Perpendicular</b> | >400 lbf, per ASTM test method C473 |
| <b>R Value</b>       | 0.65, per ASTM test method C518     |

**TEST DATA**

**Moisture and Mold Resistance:** USG Boral SHEETROCK® Brand Glass-Mat Liner Panels Mold Tough™ comply with ASTM C1177 section 5.2.5 for water resistance.

In independent lab tests conducted on 1” (25.4mm) USG Boral SHEETROCK® Brand Glass-Mat Liner Panels Mold Tough™ at the time of manufacture per ASTM D3273, “Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber,” the panel score was 10.

This ASTM lab test may not accurately represent the mold performance of building materials in actual use. Given unsuitable project conditions during storage, installation or after completion, any building material can be overwhelmed by mold. To manage the growth of mold, the best and most cost-effective strategy is to protect building products from water exposure during storage and installation and after completion of the building. This can be accomplished by using good design and construction practices.

**COMPLIANCE**

- USG Boral SHEETROCK® Brand Glass-Mat Liner Panels Mold Tough™ comply with ASTM C1658, C1396
- Per ASTM E136, non-combustible gypsum core

Surface Burning Characteristics: Class A, as defined in IBC Section 803.1 - flame spread is 20 and smoke developed is 0, when tested in accordance with ASTM E84.

**SUBMITTAL APPROVALS**

|            |      |
|------------|------|
| Job Name   |      |
| Contractor | Date |

**USG BORAL PTE LTD**

8 Boon Lay Way  
TradeHub 21 #02-06  
Singapore 609964  
Tel: (65) 6272 9272 Fax: (65) 6278 5310

