

USG BORAL SHEETROCK® GLASS-MAT LINER PANELS MOLD TOUGH®



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

DESCRIPTION

USG Boral SHEETROCK® Glass-Mat Liner Panels Mold Tough® have a non-combustible, moisture and mould-resistant gypsum core that is encased in a moisture and mould-resistant glass-mat. The panels are fire resistance in accordance to BS EN 1364-1, UL Classified (Type SLX) and feature double-beveled edges for easy installation. Panel may be substituted for USG Boral SHEETROCK® Shaftwall liner panels and USG Boral Moldstop panels in all USG Boral SHEETROCK® Shaftwall and area separation wall systems.

Note: These USG Boral SHEETROCK® Glass-Mat Liner Panels Mold Tough® have been tested for fire resistance, structural performance and sound control only when used with USG Boral SHEETROCK® Shaftwall and area separation wall framing components. All USG Boral SHEETROCK® Shaftwall 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

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

Resist Water: Glass-mat Sheathing facer on both sides shed water, according to ASTM C1177 section 5.2.5.

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

Exposure: Can be exposed to limited-weather for up to 12 months after installation in interior applications.

Warranted Performance: USG Boral SHEETROCK® Glass-Mat Liner Panels Mold Tough® is guaranteed for five years against manufacturing defects. See warranty for details.

LIMITATIONS

1. Avoid direct and constant exposure to heat above 50°C. This condition applies during installation.
2. USG Boral SHEETROCK® 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 refer USG Boral SHEETROCK® Glass-Mat Liner Panels Mold Tough® warranty sheet for full list of limitations.
5. Not to use in unlined air-supply ducts.

PRODUCT DATA

Thickness: 1" (25.4mm).

Width: 24" (610mm) or 600mm.

Length: 8' (2440mm), 2300mm, other lengths available by special order.

Weight: 21.1 kg/m².

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

Parallel	80 lbf, per ASTM test method C473
Perpendicular	230 lbf, per ASTM test method C473
R Value (m².K/W)	0.10

*R: Data of thermal resistances are based on tabulated design values provided in the BS EN 12524:2000-Building materials and products. Hygrothermal properties standard for gypsum boards.

TEST DATA

Moisture and Mould Resistance: USG Boral SHEETROCK® 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® Glass-Mat Liner Panels Mold Tough® at the time of manufacture per ASTM D3273, "Standard Test Method for Resistance to Growth of Mould on the Surface of Interior Coatings in an Environmental Chamber," the panel score was 10.

This ASTM lab test may not accurately represent the mould performance of building materials in actual use. Given unsuitable project conditions during storage, installation or after completion, any building material can be affected by mould. To manage the growth of mould, 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® Glass-Mat Liner Panels Mold Tough® comply with ASTM C1658 Part 6, C1396
- Per ASTM E136, reaction to fire (A1-EN 13501-1, BS 476: Part 4) 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

