

SECTION 09 29 00 – GYPSUM BOARD, 1 in. (25.4 mm) USG Sheetrock® Brand Glass-Mat Liner Panels Mold Tough® (UL Type SLX)

Product Summary:

- 1 in. (25.4 mm) glass-mat Type X liner panels with moisture and mold resistance for use in shaft wall and area separation wall systems
- Feature a noncombustible, moisture-resistant gypsum core that is encased in a fiberglass face and back that shed water
- Suitable for use in pre dry-in (fast track or pre-rock) and similar applications of panels before the building envelope is fully enclosed
- Comprehensive product and system testing assures long-term performance and safety
- Double-beveled edges for easy installation
- Quick score-and-snap, no sawing or special tools required
- Comply with ASTM C1658, *Standard Specification for Glass Mat Gypsum Panels*, for 1 in. (25.4 mm), Type X and glass mat water-resistant shaftliner gypsum panel
- Score a "10" when tested in accordance with ASTM D3273, *Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber*
- Underwriters Laboratories Inc. (UL) Classification as to fire resistance, surface burning characteristics and noncombustibility
- Can be used in any UL Design in which Type SLX panels are listed
- Guaranteed for five years against manufacturing defects and have a 12-month limited-exposure warranty
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)
- For more information, refer to product submittal sheet WB2483 or usg.com

Note to Specification Writers:

- This document is not intended to function as a standalone specification. It is intended to assist the specifier in inserting the proper language into the following recommended specification sections: 09 29 00 – GYPSUM BOARD.
- This product is manufactured at USG gypsum panel plants, reducing distances and carbon footprint for transport.
- Panels shall be installed in accordance with GA-216, *Specifications for the Application and Finishing of Gypsum Panel Products* and ASTM C840, *Standard Specification for Application and Finishing of Gypsum Board*.
- Contact USG at 800.874.4968 for technical questions.

PART 2 – GYPSUM PANEL PRODUCTS

2.1 MOISTURE- AND MOLD-RESISTANT GLASS-MAT TYPE X GYPSUM SHAFTLINER PANEL

A. ASTM C1658, *Standard Specification for Glass Mat Gypsum Panels*, for 1 in. (25.4 mm), Type X and glass mat water-resistant shaftliner gypsum panel

1. Basis of Design: Subject to compliance with project requirements, the design is based on the following: United States Gypsum Company, USG Sheetrock® Brand Glass-Mat Liner Panels Mold Tough®
2. UL Type Designation: "SLX"
3. ASTM E136 Noncombustibility: Meets
4. ASTM E84 Surface-Burning Characteristics
 - a. Flame Spread: 20
 - b. Smoke Developed: 0
 - c. Class A (Flame spread not greater than 25 and smoke developed not greater than 450): Meets
5. ASTM C473, *Standard Test Methods for Physical Testing of Gypsum Panel Products*
 - a. Core Hardness
 - 1) Field [Not less than 15 lbf (67 N)]: Meets
 - 2) End [Not less than 15 lbf (67 N)]: Meets
 - 3) Edge [Not less than 15 lbf (67 N)]: Meets
 - b. Flexural Strength



- 1) Parallel [Not less than 80 lbf (356 N)]: Meets
- 2) Perpendicular [Not less than 230 lbf (1023 N)]: Meets
- c. Nail Pull Resistance (Not required): Meets
- d. Humidified Deflection (Not required): Meets
- e. Average Water Absorption (Not greater than 5% by weight after two-hour immersion):
Meets
6. ASTM D3273, *Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber*: 10
7. Thickness: 1 in. (25.4 mm)
8. Length: 8 ft. (2438 mm), 10 ft. (3048 mm), 12 ft. (3658 mm)
9. Width: 2 ft. (610 mm)
10. Weight: 4.0 lb./sq. ft. (19.5 kg/sq. m.)
11. Edge: Double-beveled

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