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

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| **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 buildingenvelope 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
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| **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 at800.874.4968 for technical questions.
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PART 2 – GYPSUM PANEL PRODUCTS

* + - 1. MOISTURE- AND MOLD-RESISTANT GLASS-MAT TYPE X GYPSUM SHAFTLINER PANEL
				1. 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

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®

UL Type Designation: “SLX”

ASTM E136 Noncombustibility: Meets

ASTM E84 Surface-Burning Characteristics

Flame Spread: 20

Smoke Developed: 0

Class A (Flame spread not greater than 25 and smoke developed not greater than 450): Meets

ASTM C473, *Standard Test Methods for Physical Testing of Gypsum Panel Products*

Core Hardness

Field [Not less than 15 lbf (67 N)]: Meets

End [Not less than 15 lbf (67 N)]: Meets

Edge [Not less than 15 lbf (67 N)]: Meets

Flexural Strength

Parallel [Not less than 80 lbf (356 N)]: Meets

Perpendicular [Not less than 230 lbf (1023 N)]: Meets

Nail Pull Resistance (Not required): Meets

Humidified Deflection (Not required): Meets

Average Water Absorption (Not greater than 5% by weight after two-hour immersion): Meets

ASTM D3273, *Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber*: 10

Thickness: 1 in. (25.4 mm)

Length: 8 ft. (2438 mm), 10 ft. (3048 mm), 12 ft. (3658 mm)

Width: 2 ft. (610 mm)

Weight: 4.0 lb./sq. ft. (19.5 kg/sq. m.)

Edge: Double-beveled

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