USG
Interior
Panel &
Finishing
Solutions

SUBMITTAL SHEET

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

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
- 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)

DESCRIPTION

USG Sheetrock® Brand Glass-Mat Liner Panels Mold Tough® (UL Type SLX) are 1 in. (25.4 mm) Type X glass-mat liner panels with moisture and mold resistance for use in shaft wall and area separation wall systems. The panels feature a noncombustible, moisture-resistant gypsum core that is encased in a green colored fiberglass face and back that shed water. 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*, the panels score a "10" (highest). The fiberglass facer is folded around the double-beveled long edges to reinforce and protect the core, and the ends are cut square and even. The panels are UL Classified for fire resistance and can be used in any UL Design in which Type SLX panels are listed.

Note: USG Sheetrock® Brand Glass-Mat Liner Panels Mold Tough® have been comprehensively tested for fire resistance, structural performance and sound control only when used with USG Sheetrock® Brand Shaft Wall and Area Separation Wall framing components. If alternative framing components are used, the manufacturer(s) of the substituted component(s) shall be consulted to confirm system performance.

INTENDED FOR

- Commercial or residential applications where 1 in. (25.4 mm) moisture- and mold-resistant Type X shaftliner panels are required
- Areas where glass-mat panels are desired
- Load-bearing and nonload-bearing wood- or steel-framed fire-rated walls and ceilings
- Elevator, stair, mechanical, solid and horizontal stud shafts
- Shaftwall ceiling membranes
- Unlined air return ducts
- Fire-resistive protection in common walls for townhouse construction

LIMITATIONS

1. Avoid sustained exposure to temperatures exceeding 125°F (52°C).
2. Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Must be stored off the ground and under cover in accordance with Gypsum Association's GA-801, *Handling and Storage of Gypsum Panel Products*.
4. Not intended for use in an unlined air supply duct.

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LIMITATIONS, CONT.

5. These panels 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.
6. Building must be dried-in prior to installation in horizontal applications.
7. Wall cavities, floor cavities and other enclosed areas, including insulation, must be dry prior to being closed-up and application of interior finishing.

INTERIOR INSTALLATION, FINISHING AND DECORATING

For installation and finishing recommendations, refer to:

- ASTM C840, *Standard Specification for Application and Finishing of Gypsum Board*
- Gypsum Association's GA-216, *Specifications for the Application and Finishing of Gypsum Panel Products* and GA-620, *Gypsum Area Separation Firewalls*
- Published UL Design or GA File Number
- USG literature *USG Area Separation Wall Systems Brochure* (SA925) and *USG Shaftwall Systems Catalog* (SA926)

TEST DATA

Property		ASTM Test Method	Requirement	UL Type SLX
Noncombustibility		E136	Noncombustible	Meets
Surface-burning characteristics	Flame spread	E84	Flame Spread Index, not greater than 25[1]	20
	Smoke developed	E84	—	0
	Class A	E84	Flame spread not greater than 25 and smoke developed not greater than 450	Meets
Core hardness	Field	C473 (B)	Not less than 15 lbf (67 N)[1]	Meets
	End	C473 (B)	Not less than 15 lbf (67 N)[1]	Meets
	Edge	C473 (B)	Not less than 15 lbf (67 N)[1]	Meets
Flexural strength	Parallel	C473 (B)	Not less than 80 lbf (356 N)[1]	Meets
	Perpendicular	C473 (B)	Not less than 230 lbf (1023 N)[1]	Meets
Humidified deflection		C473	Not required[1]	Not applicable
Nail pull resistance		C473	Not required[1]	Not applicable

Note:
1. Per ASTM C1658 for 1 in. (25.4 mm) glass mat shaftliner gypsum panel.

MOISTURE AND MOLD RESISTANCE

Per ASTM C473, *Test Methods for Physical Testing of Gypsum Panel Products*, the average water absorption for USG Sheetrock® Brand Glass-Mat Liner Panels Mold Tough® is not greater than 5% by weight after two-hour immersion.

In independent lab tests conducted per ASTM D3273 at the time of manufacture, the panels score a "10", meeting ASTM C1658 specifications. 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.

PRODUCT DATA

	UL Type SLX
Thickness	1 in. (25.4 mm)
Lengths[2]	8 ft. (2438 mm), 10 ft. (3048 mm), 12 ft. (3658 mm)
Width	2 ft. (610 mm)
Weight[3], nominal	4.0 lb./sq. ft. (19.5 kg/sq. m.)
Edges	Double-beveled

Notes:
2. Other sizes available by special order. Check with your local USG representative for availability.
3. Represents approximate weight for design and shipping purposes. For specific product weight in your area, contact your local USG representative or call the Customer Service Center at 800 950-3839.

COMPLIANCE

- Comply with ASTM C1658 for 1 in. (25.4 mm), Type X and water-resistant shaftliner gypsum panel
- Classified as a Class A Interior Finish Material per Section 803.1 of the International Building Code® (IBC®)
- UL Classification as to fire resistance, surface-burning characteristics and noncombustibility
- Comply with IBC® for non-axial load-bearing wall, transverse load capacity, fire resistance and abuse resistance per Progressive Engineering Inc. (PEI) AER-09038
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

SUBMITTAL APPROVALS

Job Name	
Contractor	**Date**

PRODUCT INFORMATION
See usg.com for the most up-to-date product information.

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

CAUTION
Dust may cause irritation to eyes, skin, nose, throat, and upper respiratory tract. Cut and trim with a utility knife or hand saw to minimize dust levels. Power tools must be equipped with a dust collection system. Wear eye, skin, and respiratory protection if necessary. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call a physician. Do not swallow. If swallowed, call a physician. For more information call Product Safety: 800 507-8899 or see the SDS at usg.com
KEEP OUT OF REACH OF CHILDREN.

TRADEMARKS
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NOTE
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NOTICE
We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

SAFETY FIRST!
Follow good safety and industrial hygiene practices during handling and installation of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read Safety Data Sheets and related literature on products before specification and/or installation.

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