

SHEETROCK® BRAND MOLD TOUGH® GYPSUM LINER PANEL



DESCRIPTION

FEATURES & BENEFITS

High-performance panels with moisture- and mold-resistance

- Specially designed and engineered for fire resistance rated assemblies
- UL Classified as to fire resistance, surface burning characteristics and noncombustibility
- Comprehensive product and system testing assures long-term performance and safety

USG Sheetrock® Brand Mold Tough® Gypsum Liner Panel have a noncombustible, moisture- and mold-resistant gypsum core that is encased in moisture- and mold-resistant, 100 percent recycled blue face and back papers. 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 Sheetrock® Brand Gypsum Liner Panels in all Shaft Wall and Area Separation Firewall systems.

Note: USG Sheetrock® Brand Mold Tough® Gypsum Liner Panel, as identified in this document, have been tested for fire resistance, structural and acoustical performance with USG Sheetrock® Brand Shaft Wall and Area Separation Wall Systems framing components. When used together, USG Sheetrock® Brand Shaft Wall and Area Separation Wall System components ensure superior system performance and safety. If alternative system components are used with USG Sheetrock® Brand Mold Tough® Liner Panel, the manufacturer(s) of the substituted component(s) should be consulted to confirm system performance properties

INTENDED FOR

- Elevator shafts
- Service risers
- Stair shafts
- Horizontal shafts wall ceiling

LIMITATIONS

1. Avoid exposure to sustained temperatures exceeding 50°C.
2. Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Nonload-bearing.
4. Consult USG Middle East technical team for the framing spacing.

FINISHING AND DECORATING

For priming and decorating with paint, texture, or wallcovering, follow manufacturer's directions for materials used. All surfaces, including applied USG Middle East Sheetrock® Brand All Purpose Joint Compound, must be thoroughly dry, dust free, and not glossy. A prime coat of Sheetrock® Tuff-Hide® Primer-Surfacer should be applied and allowed to dry before decorating when a Level 5 finish is required. To improve fastener concealment, where gypsum panel walls and ceilings will be subjected to strong artificial or natural side lighting and/or decorated with a gloss paint (eggshell, semi gloss, or gloss), the gypsum panel surface should be skim-coated with USG All Purpose Joint Compound or primed with Sheetrock® Tuff-Hide® Primer-Surfacer to equalize suction before painting.

PRODUCT DATA

Size:

610 mm wide and available in 2440, 3050 and 3660 mm lengths. 600 x 2400 mm is available upon request.

Thickness:

25.4 mm thick.

Weight:

Approx. 20.1 kg/m²

Labeling:

Each panel bears the Underwriters Laboratories, Inc. Mark as evidence of UL Classifications as to fire resistance, surface burning characteristics and noncombustibility.

TEST DATA

Moisture and Mold Resistance

- Per ASTM C473 test method, the average water absorption for panels is not greater than 5 percent by weight after two-hour immersion.
- 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 meet or exceed ASTM C1396 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.

COMPLIANCE

USG Sheetrock® Brand Mold Tough® Gypsum Liner Panel comply with:

- ASTM C1396.
- ASTM E136 test methods, noncombustible gypsum core.
- ASTM E84 test method, Class A, flame spread index of 20 and smoke developed index of 0.

Notice:

As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to [usgme.com](https://www.usgme.com) for the updated products information document.

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