

SHEETROCK® Brand Gypsum Liner Panels



Enhanced

High performance panels for use in:

SHEETROCK Brand Shaft Wall Systems

SHEETROCK Brand Area Separation Wall Systems

- Scores and snaps easily; no special handling required.
- UL Classified for fire resistance, surface burning characteristics and noncombustibility.
- Offers water and mold and mildew resistance.
- Comprehensive product and system testing assures long-term performance and safety.
- Panel may be substituted for SHEETROCK Brand Gypsum Liner Panels in all SHEETROCK Brand Shaft Wall and Area Separation Wall Systems.

Description

SHEETROCK Brand Gypsum Liner Panels—Enhanced have a non-combustible and moisture-resistant gypsum core that is encased in a water-resistant, mold and mildew resistant, 100 percent recycled blue face and back paper. The panels are UL Classified for fire resistance (Type SLX) and feature double beveled edges for easy installation. **Note:** SHEETROCK Brand Gypsum Liner Panels—Enhanced have been comprehensively tested for fire resistance, structural performance and sound control *only* when used with SHEETROCK Brand Shaft Wall and Area Separation Wall framing components. All of the SHEETROCK Brand Shaft Wall and Area Separation Wall System components must be used together to ensure superior system performance and safety. Substitutions of any of the components are not recommended and are not endorsed by the United States Gypsum Company.

Limitations

1. Avoid exposure to temperatures exceeding 125 °F (52 °C).
2. Avoid exposure to excessive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Non-load bearing.

**Product and
Test Data**

The test results listed below ensure that products will perform as intended when designed, specified, installed and maintained according to our printed recommendations as a component of SHEETROCK Brand Shaft Wall System or SHEETROCK Brand Area Separation Wall System.

Compliance

SHEETROCK Brand Gypsum Liner Panels—Enhanced comply with ASTM C442, C1396.
Per ASTM E136, gypsum core UL-classified as non-combustible.
Per ASTM E84, flame spread is 20; smoke developed is 0.

Water Resistance

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

**Mold and Mildew
Resistance**

In independent lab tests per ASTM D3273-00 "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber," the average panel score was 8. This means the risk of mold and mildew growth on the panel is minimized.

This ASTM lab test may not accurately represent the mold and mildew performance of building materials in actual end use. Given unsuitable project conditions during storage, installation and after completion, any building material can be overwhelmed by mold and mildew. To manage the growth of mold and mildew, the best and most cost-effective strategy is to eliminate water exposure to building products during storage, installation and after completion of the building. This can be accomplished by using good design and construction practices. For additional information, please refer to the supporting literature listed at the end of this document.

Size Panels are 1" (25.4 mm) thick x 24" (609.6 mm) wide and available in 8'-14' (2438-4267 mm) lengths.

Weight Approx. 4.0 lbs/sf (4000 lbs/msf)

Flexural Strength	Parallel	77 lbf., per ASTM test method C473
	Perpendicular	228 lbf., per ASTM test method C473
	R Value	0.65, per ASTM test method C518

Labeling Each panel is stamped with an Underwriters Laboratories, Inc. label documenting UL classifications for fire resistance, surface burning characteristics and noncombustibility. The panels also have an identification label with the following language: "SHEETROCK® Brand Gypsum Liner Panel, A Component of United States Gypsum Company Fire Rated Systems."

Submittal Approvals

Job Name		
Contractor		Date

Additional Information

This document is intended as a product submittal only. For complete information regarding SHEETROCK Brand Shaft Wall Systems, please refer to the following literature:

- The Gypsum Construction Handbook
- SHEETROCK Brand Area Separation Wall Systems, System Brochure, (SA925)
- SHEETROCK Brand Shaft Wall Systems, System Brochure, (SA926)
- SHEETROCK Brand Shaft Wall Systems, Submittal Sheet, (WB2279)
- Good Design Practices: Moisture, Mold, Mildew and Construction Practices (WB2317)

Trademarks

The following trademarks used herein are owned by United States Gypsum or a related company: SHEETROCK, USG.

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 practices. Read material safety data sheets and related literature on products before specification and/or installation.

