



# USG SHEETROCK® BRAND ULTRALIGHT PANELS MOLD TOUGH®

## Lightweight 1/2 in. moisture- and mold-resistant wall and ceiling panels

- The first lightweight 1/2 in. moisture- and mold-resistant gypsum panels available
- Feature a noncombustible, moisture-resistant gypsum core encased in moisture- and mold-resistant paper
- Superior score and snap for cleaner edge and faster installation
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)
- Comply with ASTM C1396, *Standard Specification for Gypsum Board*, for 1/2 in. water-resistant gypsum wallboard and 1/2 in. exterior gypsum soffit board

## DESCRIPTION

USG Sheetrock® Brand UltraLight Panels Mold Tough® are lightweight 1/2 in. panels with a high strength-to-weight ratio composite design. The noncombustible, moisture-resistant core is encased in 100% recycled moisture- and mold-resistant green face and brown back papers. 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. The green face paper is folded around the long edges to reinforce and protect the core, and the ends are cut square and even. The long edges of panels are tapered, allowing joints to be reinforced and concealed with USG Sheetrock® Brand joint treatment systems.

## INTENDED FOR

- Areas where moisture and mold resistance is desired
- Non-fire-rated single-layer wall and ceiling applications
- New or repair and remodel construction
- Wood or steel framing
- Interior tile substrate in dry locations or areas with limited water exposure
- Protected exterior soffit and ceiling applications

## LIMITATIONS

1. Avoid exposure to sustained 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. The panels are non-load-bearing.
4. Maximum frame spacing for walls is 24 in. OC. Maximum frame spacing for ceilings is 24 in. OC for installations perpendicular to framing and 16 in. OC parallel to framing. On ceilings, to receive hand- or spray-applied water-based texture, 1/2 in. USG Sheetrock® Brand UltraLight Panels Mold Tough® should be installed perpendicular to framing with a maximum framing spacing of 24 in. OC.
5. Must be stored off the ground and under cover in accordance with Gypsum Association's *Handling and Storage of Gypsum Panel Products* (GA-801).
6. Not suitable for use as a substrate for tile in wet areas such as tubs and showers, gang showers and other areas subject to direct water exposure.
7. Use as a tile substrate is limited to tile installed according to the most current TCNA and ANSI specifications. Please consult with the adhesive and tile manufacturers for their recommendations for maximum size and weight parameters for use with gypsum board.
8. Not recommended for exterior soffits and ceilings which project upwards and away from the building proper.

**INTERIOR INSTALLATION,  
FINISHING AND DECORATING**

INSTALLATION

**Fastener Spacing, Single-Layer Over Wood Framing**

Fastener Type	Location	Maximum Spacing
<b>Nails, 1-1/4 in. annular ring 5d drywall nail complying with ASTM C514</b>	Ceilings	7 in. (178 mm)
	Sidewalls	8 in. (203 mm)
<b>Screws, 1-1/4 in. Type W bugle head complying with ASTM C1002</b>	Ceilings	12 in. (305 mm)
	Sidewalls	16 in. (406 mm)
<b>Screws (same as above)</b>	RC-1, ceilings or sidewalls	12 in. (305 mm)
<b>Adhesive<sup>1</sup> with nails or screws (same as above)</b>	Ceilings, long edges perpendicular to framing members	16 in. (406 mm) at ends, one fastener per framing member at edges, one fastener in center of panel
	Sidewalls, long edges perpendicular to framing members	16 in. (406 mm) at ends, one fastener per framing member at edges, one fastener in center of panel
	Sidewalls, long edges parallel to framing members	16 in. (406 mm) along edges, one fastener per framing member at ends, one fastener in center of panel

**Note:**

1. In order to minimize or eliminate the occurrence of raised protrusions or screw buttons, USG recommends that the installer confirm that the adhesive has fully cured to ensure the adhesive has stopped shrinking and stabilized prior to the finishing of wallboard.

FINISHING AND DECORATING

For high-quality finishing results, USG recommends USG Sheetrock® Brand finishing products.

Painting products and systems should be used that comply with recommendations and requirements in Appendices of ASTM C840. For priming and decorating with paint, texture or wall covering, follow manufacturer's directions for materials used. Gypsum Association's *Recommended Specification for Levels of Gypsum Board Finish* (GA-214) should be referred to in order to determine the level of finishing needed to ensure a surface properly prepared to accept the final decoration.

All surfaces, including applied joint compound, must be thoroughly dry, dust-free and not glossy. Prime with USG Sheetrock® Brand First Coat™ Primer or with an undiluted, interior latex flat paint with high-solids content. Allow to dry before decorating.

To improve fastener concealment where gypsum panel walls and ceilings will be subjected to critical artificial or natural lighting, or will be decorated with a gloss paint (eggshell, semigloss or gloss), the gypsum panel should be skim coated with joint compound. This equalizes suction and texture differences between the drywall face paper and the finished joint compound before painting. When a Level 5 finish is required, use USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer. See *USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer Submittal Sheet* (J1613) for limitations and application instructions.

For more information, refer to USG literature *Finishing & Decorating Gypsum Panels White Paper* (J2010).

**EXTERIOR INSTALLATION,  
FINISHING AND DECORATING**

WOOD FRAMING

1 in. x 4 in. wood furring may be used in non-fire-rated construction for screw application where support member spacing is 24 in. OC maximum. Furring of 2 in. nominal thickness should be used in non-fire-rated construction for nail application of board or where framing spacing is from 24 in. to 48 in. OC maximum.

STEEL FRAMING

Installation of grillage should be the same as for single-layer drywall application. Refer to *USG Drywall Suspension System Brochure* (AC3152) or contact the Steel Stud Manufacturers Association for application information.

WEATHER PROTECTION

At the perimeter and vertical penetrations, the exposed core of panels must be covered with a J-stop trim or securely fastened moldings. In areas subject to freezing temperatures and other severe weather conditions, shingled roofs should be installed in accordance with good roofing practices. Fascia boards should extend at least 1/4 in. below the ceiling board or adjacent trim moldings, whichever is lower, to provide a drip edge.

INTERSECTIONS

Where ceiling board expanse exceeds 4 ft., a space of at least 1/4 in. should be provided between edge of ceiling board and adjacent walls, beams, columns and fascia. This space may be screened or covered with molding, but should not be caulked.

**EXTERIOR INSTALLATION,  
FINISHING AND DECORATING CONT.  
CONTROL JOINTS**

**FINISHING AND DECORATING**

**TEST DATA  
MOISTURE AND MOLD RESISTANCE**

**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**

The trademarks USG, DURABOND, EASY SAND, FIRST COAT, MOLD TOUGH, SHEETROCK, TUFF-HIDE, IT'S YOUR WORLD. BUILD IT., the USG logo, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.

**NOTE**

Products described here may not be available in all geographic markets. Consult your USG Company sales office or representative for information. The information in this document is subject to change without notice. USG Corporation assumes no responsibility for any errors that may inadvertently appear in this document.

**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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USG Sheetrock® Brand UltraLight Panels Mold Tough®, like other building materials, is subject to structural movement, expansion and contraction due to changes in temperature and humidity.

Install a 093 Zinc Control Joint or a control joint consisting of two pieces of J-stop trim back-to-back in ceiling board where expansion or control joints occur in the exterior wall or roof. Where aluminum H-moldings are used, they will serve as control joints, provided the board is not tightly inserted.

Treat joints with USG Sheetrock® Brand Durabond® or Easy Sand™ Joint Compounds and USG Sheetrock® Brand Fiberglass Joint Tape. These setting-type joint compounds are hardening-type products developed to provide faster finishing of drywall, even under slow drying conditions. Rapid gypsum setting and low shrinkage permit same-day finishing and usually next-day decoration. They also feature exceptional bond; virtually unaffected by humidity extremes.

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

In independent lab tests conducted on USG Sheetrock® Brand UltraLight Panels Mold Tough® at the time of manufacture per 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.

**PRODUCT DATA**

<b>Thickness</b>	1/2 in. (12.7 mm)
<b>Lengths</b>	8-12 ft. (2438-3658 mm)
<b>Widths<sup>2</sup></b>	4 ft. (1219 mm)
<b>Weight<sup>3</sup></b>	1.35 lb./sq. ft. (6.59 kg/sq. m.)
<b>Edges</b>	Tapered
<b>Packaging</b>	Two panels per bundle
<b>Surface-burning characteristics per ASTM E84</b>	Flame spread: 0 Smoke development: 0 Classification: Class A

**Notes:**

- Other sizes available by special order. Check with your local USG representative for availability.
- 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 C1396 for 1/2 in. water-resistant gypsum wallboard and 1/2 in. exterior gypsum soffit board
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

**SUBMITTAL APPROVALS**

<b>Job Name</b>	
<b>Contractor</b>	<b>Date</b>

Manufactured by  
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