



# USG SHEETROCK® BRAND ULTRALIGHT PANELS MOLD TOUGH®

- The first and lightest 1/2" moisture- and mold-resistant panel available
- Easier to lift, carry and install
- Noncombustible, moisture-resistant gypsum core encased in moisture- and mold-resistant paper
- Scores, snaps, installs and finishes just like standard drywall

## DESCRIPTION

USG Sheetrock® Brand UltraLight Panels Mold Tough® are re-engineered, lightweight gypsum wallboard 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. 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
- Can be used as an interior tile substrate in dry locations or areas with limited water exposure
- Can be used in 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. This panel is non-load-bearing.
4. Maximum frame spacing for walls is 24" o.c. Maximum frame spacing for ceiling is 24" o.c. for installations perpendicular to framing and 16" o.c. for installations parallel to framing. On ceilings, to receive hand- or spray-applied water-based texture, 1/2" USG Sheetrock® Brand UltraLight Panels Mold Tough® should be installed perpendicular to framing with a maximum framing spacing 24" o.c.
5. Must be stored off of the ground and under cover. Sufficient risers must be used to support the entire length of the gypsum board to prevent sagging.
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 that project upward 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" annular ring 5d drywall nail complying with ASTM C514</b> | Ceilings   | 7" (178 mm)  |
|  | Sidewalls  | 8" (203 mm)  |
| <b>Screws, 1-1/4" Type W bugle head complying with ASTM C1002</b>          | Ceilings   | 12" (305 mm)   |
|  | Sidewalls  | 16" (406 mm)   |
| <b>Screws (same as above)</b>  | RC-1, ceilings or sidewalls                            | 12" (305 mm)   |
| <b>Adhesive with nails or screws (same as above)</b>                       | Ceilings, long edges perpendicular to framing members  | 16" (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" (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" (406 mm) along edges, one fastener per framing member at ends, one fastener in center of panel |

FINISHING AND DECORATING

For high-quality finishing results, USG recommends the following products:

- USG Sheetrock® Brand Ready-Mixed Joint Compounds
- USG Sheetrock® Brand Setting-Type Joint Compounds
- USG Sheetrock® Brand Joint Tape
- USG Sheetrock® Brand First Coat™ Primer
- USG Sheetrock® Brand Paper-Faced Metal Drywall Bead and Trim

Painting products and systems should be installed in accordance 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. Refer to Gypsum Association GA-214, *Recommended Specification for Levels of Gypsum Board Finish*, in order to determine the level of finishing needed to assure 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 severe artificial or natural side lighting or decorated with a gloss paint (eggshell, semigloss or gloss), the gypsum panel surface 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.

**EXTERIOR INSTALLATION, FINISHING AND DECORATING**

WOOD FRAMING

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

## CONTROL JOINTS

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.

## FINISHING AND DECORATING

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 chemical hardening and low shrinkage permit same-day finishing and usually next-day decoration. They also feature exceptional bond; virtually unaffected by humidity extremes.

## TEST DATA

### MOISTURE AND MOLD RESISTANCE

- Per ASTM C473, the average water absorption for panels is not greater than 5% by weight after two-hour immersion.
- USG Sheetrock® Brand UltraLight Panels Mold Tough® have improved moisture and mold resistance over standard gypsum panels.
- 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"                      |
| <b>Lengths and Widths<sup>1</sup></b> | 48" wide—8', 9', 10', 12' |
| <b>Weight<sup>2</sup></b>             | 1.35 lb./sq. ft.          |
| <b>Edges</b>                          | Tapered                   |
| <b>Packaging</b>                      | Two panels per bundle     |

1. Other sizes available by special order. Check with your local USG representative for availability.
2. 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.

## PRODUCT INFORMATION

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

### 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

Products described here may not be available in all geographic markets. Consult your USG Company sales office or representative for information.

### 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.

## COMPLIANCE

- USG Sheetrock® Brand UltraLight Panels Mold Tough® comply with ASTM C1396, section 7 and section 8
- Per ASTM E136, noncombustible gypsum core
- Per ASTM E84, flame spread is 0; smoke developed is 0
- Low VOC Emissions Classification, CHPS compliant

## SUBMITTAL APPROVALS

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

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