

USG SHEETROCK® BRAND ULTRALIGHT CEILING PANELS ULTRA-BASE™ MH

- The first and lightest 1/2" interior ceiling panels available for industrialized construction
- Superior sag resistance, even in humid environments with water-based texture
- Parallel installation on 24" o.c. framing eliminates butt joints for easier finishing
- Can be installed with adhesives or mechanical fasteners
- International Code Council® (ICC®) Evaluation Service certified for ceiling installations, ESR-3365

DESCRIPTION

USG Sheetrock® Brand UltraLight Ceiling Panels Ultra-Base™ MH are redesigned, lightweight gypsum wallboard panels with a high strength-to-weight ratio. These panels meet the needs for weight reduction, time sensitivity and structural integrity in the industrialized construction environment. USG Sheetrock® Brand UltraLight Ceiling Panels Ultra-Base™ MH offer superior sag resistance when compared to other 1/2" lightweight panels, and can be installed with the long edges parallel to 24" o.c. framing with water-based texture and overlaid insulation. The natural finish face paper is folded around the long edges and the ends are cut square and even. The long edges of the panels are tapered to facilitate finishing with USG Sheetrock® Brand MH joint treatment systems.

INTENDED FOR

Shear Resistance: Ceiling assemblies independently tested by Progressive Engineering Inc. (PEI) to ensure compliance with HUD Manufactured Home Construction and Safety Standards. See PEI report PER-01146 for rated designs.

Sag Resistance: Resists sag even with water-based texture and overlaid insulation. Building code compliant for ceiling installations under ICC® ESR-3365.

Fire Resistance: Gypsum core is noncombustible. Class A building material.

INSTALLING, FINISHING AND DECORATING

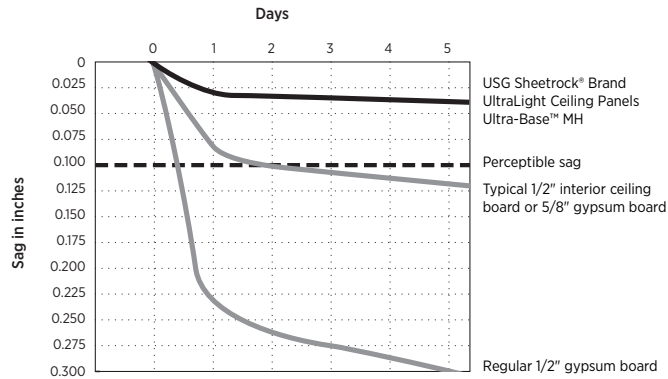
USG Sheetrock® Brand UltraLight Ceiling Panels Ultra-Base™ MH are designed for perpendicular or parallel application to framing components spaced up to 24" o.c. with a maximum 2.2 lb./sq. ft. insulation loading and wet texturing for ceiling application. Apply with adhesive, mechanical fasteners or both in accordance with accepted industry standard practices. Finish joints using the appropriate USG Sheetrock® Brand MH joint finishing system. Refer to individual product data sheets for specific information.

CAUTION: No gypsum panel product will resist sagging if exposed to excessive moisture for prolonged periods. Also, excessively long drying times will result in problems with the ceiling finish, such as joint banding and staining. This requires careful attention during the production process. Moisture from interior finish should be removed from the units as quickly as possible through the use of ventilation equipment. Supplemental heat or dehumidification may be required. Do not enclose or seal units before all finishes are completely dry.

LIMITATIONS

- Avoid exposure to sustained temperatures exceeding 125°F (52°C).
- Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation.
- Maximum frame spacing is 24" o.c.
- Maximum weight of overlaid insulation is 2.2 lb./sq. ft.
- Must be stored flat and off of the ground under cover. Sufficient risers must be used to support the entire length of the gypsum board to prevent warping.

TEST DATA
SAG RESISTANCE



The sag characteristics of standard gypsum board and USG Sheetrock® Brand UltraLight Ceiling Panels Ultra-Base™ MH were evaluated by an independent laboratory. This chart compares the sag performance of the products after wet texture application with insulation loading. The test results show that 5/8" gypsum board and conventional high-strength ceiling boards sag to perceptible levels in high humidity environments when textures are applied to the surface. Regular 1/2" gypsum board sags to objectionable levels quickly. USG Sheetrock® Brand UltraLight Ceiling Panels Ultra-Base™ MH, however, showed minimal sag through the duration of the test. The test was conducted at 85°F and 90% relative humidity.

PRODUCT DATA

Thickness	1/2"
Lengths and Widths	48" wide – 8' to 16' long
Weight¹	1.25 lb./sq. ft.
Edges	Tapered
Packaging	Two panels per bundle
Thermal Resistance "R"	0.45°F x sq. ft. x h/Btu (0.08 K x m ² /W)
Hygrometric Coefficient of Expansion: Unrestrained: 10-90% r.h.	7.2 x 10 ⁻⁶ in./in./% r.h. (7.2 x 10 ⁻⁶ mm/mm/% r.h.) (7.2 μm/m/% r.h.)
Thermal Coefficient of Expansion: Unrestrained: 40-100°F (4-38°C)	9.0 x 10 ⁻⁶ in./in./°F (16.2 x 10 ⁻⁶ mm/mm/°C) (16.2 μm/m/°C)

1. Represents approximate weight for design and shipping purposes. For specific product weight in your area, contact your local USG sales representative or call the Customer Service Center at 800 950-3839.

COMPLIANCE

Meets or exceeds ASTM C1396 specifications for 1/2" gypsum ceiling board.

Complies with the requirements of the International Building Code® and International Residential Code® as ceiling board.

Approved for installation on ceilings with water-based texture and the long edges parallel to 24" o.c. framing per ICC® ESR-3365.

Class A Surface-Burning Characteristics, as defined in IBC Section 803.1.

Class A, as defined in IBC Section 803.1, flame spread is 20, smoke developed is 0, when tested in accordance with ASTM E84.

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.

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