Product Data

SHEETROCK® Brand MH UltraLight Panels TUF-BASE™

The lightest 1/2" panels available for manufactured housing
– Extensive portfolio of shear wall designs.
– Third-party tested for shear wall assemblies.

Description

SHEETROCK® Brand MH UltraLight Panels TUF-BASE™ are re-designed, 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. SHEETROCK Brand MH UltraLight Panels TUF-BASE are part of an extensive portfolio of wall shear ratings to meet shear design requirements. 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 either tapered or square to facilitate finishing with SHEETROCK Brand MH joint treatment systems.

Intended For

Reduced Weight: SHEETROCK Brand MH UltraLight Panels TUF-BASE weigh between 250 - 350 lbs. per thousand square feet less than standard 1/2" MH panels.
Shear Resistance: System-tested to ensure compliance with HUD Manufactured Home Construction Standard. Classified as to shear resistance by Progressive Engineering Inc. Product Evaluation Report PER-01146.
Fire Resistance: Gypsum core is noncombustible. Class A building material.
Specified Lengths: Board is cut to specified lengths, 4' and 54" wide to meet construction dimension requirements, reduce waste and speed production.
Dimensional Stability: Composition provides low expansion and contraction to resist buckling and warping.

Installation

SHEETROCK Brand MH UltraLight Panels TUF-BASE are designed for installation on walls and ceilings. Frame spacing and panel orientation must be considered when choosing the best gypsum panel for a specific application. Apply with adhesive, mechanical fasteners, or both in accordance with acceptable industry standard practices. Finish joints using the appropriate SHEETROCK MH joint finishing system. Refer to individual product data sheets for specific information.

Maximum support (studs, joists, channels, furring) spacing for SHEETROCK Brand MH UltraLight Panels TUF-BASE.
Sidewalls: Parallel or perpendicular application 24" OC.
Ceilings: Parallel application without texture 16" OC; water-based texture NOT RECOMMENDED*.
Perpendicular application without texture 24" OC; with water based texture 16" OC.

*** 1/2" SHEETROCK Brand MH UltraLight Ceiling Panels ULTRA-BASE™ are recommended for parallel application on ceilings when water-based texture is used.**

Application Method: "Parallel" and "perpendicular" refers to the long-edge position relative to framing.
Finishing: When water-based texturing materials are used, environmental controls must be in place to adequately dry interior finishes and reduce high ambient humidity.

Limitations

– Avoid exposure to sustained temperatures exceeding 125° F (52° C).
– Avoid exposure to moisture before, during and after installation. Eliminate sources of moisture immediately.
– Must be stored flat, off of the ground and under cover. Sufficient risers must be used to support the entire length of the gypsum board to prevent warping.

Test Data

Tested by Progressive Engineering Inc. reference Product Evaluation Report PER-01146.

Compliance

– Meets or exceeds ASTM C-1396 specifications for 1/2" gypsum wallboard.
– Complies with the requirements of the International Building Code and International Residential Code as gypsum wallboard.
– Class A building material, as defined in IBC Section 803.1, flame spread is 20, smoke developed is 0, when tested in accordance with ASTM E84.
– Qualifies as a low VOC emitting material (meets CA 01350).

Product Data

Thickness	1/2"
Lengths and Widths[1]	48" wide – 8', 9', 10', 12', 14', 16' 54" wide – 12', 14', 16'
Weight[2]	1.25 lb./sq. ft.
Edges	Tapered, Square
Packaging	2 panels per bundle
Thermal Resistance "R"	0.45° F x ft^2 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. 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.

Note:
Products described here may not be available in all geographic markets. Consult your United States Gypsum Company sales office or representative for information.

Safety First!
Follow good safety and industrial hygiene practices during handling and installing of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.

Manufactured by
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MH1314/rev. 8-13