

# SHEETROCK® MH Brand Gypsum Ceiling Board



## 1/2" ceiling board designed for 24" o.c. parallel application with wet texture

- Meets or exceeds the requirements of ASTM C36.
- Meets or exceeds the requirements of ASTM C1395.
- Superior sag resistance, even in humid environments with water-based texture.
- Lighter weight for easier transportation.
- Parallel application eliminates butt joints, facilitating finishing.
- Patent-pending technology provides strength without brittleness.

### Description

SHEETROCK® MH Brand Gypsum Ceiling Board (ULTRA-BASE™) is specially designed to meet Industrialized Construction's need for weight reduction, time-sensitivity, and structural integrity. These superior-grade panels are only 1/2" thick, but offer significantly improved resistance to sag when compared to standard 5/8" gypsum board, while reducing the weight in the average home by 500-700 pounds. They are particularly effective when a texture finish such as SHEETROCK® MH Brand Aggregated Ceiling Spray Texture (TUf-SPRAY™) or Unaggregated Spray Texture (TUf-TEX™) is applied. See "Product Data" for a comparison of product properties.

Panels are 4' wide and finished with smooth manila face paper wrapped around tapered edges. They may be fastened with two-component polyurethane foam adhesive, screws, staples, or construction adhesive and nails.

### Advantages

**Reduced Weight:** SHEETROCK MH Brand Gypsum Ceiling Board (ULTRA-BASE™) weighs approximately 700 pounds per thousand square feet less than 5/8" gypsum panels, and approximately 200 pounds per thousand square feet less than 1/2" interior ceiling board products.

**Shear Resistance:** System tested to ensure compliance with HUD Manufactured Home Construction Standard. Classified by Underwriters Laboratories Inc.

**Fire Resistance:** Gypsum core is noncombustible. Class A flame spread rating.

**Dimensional Stability:** Resists buckling and warping.

**Specified Lengths:** Board is cut to your specified lengths and 4' wide to meet construction dimension requirements, reduce waste, and speed production.

**Tapered edges:** Edge design permits smooth, strong joint finishing when taped with SHEETROCK® MH Brand Joint Tape or IMPERIAL® Brand Tape, Type P, and treated with SHEETROCK® MH Brand Setting Type Joint Compounds.

### Installation

SHEETROCK MH Brand Gypsum Ceiling Board (ULTRA-BASE) is designed for parallel application to framing components spaced up to 24" on center with a maximum 2.2 lbs./sq. ft. insulation loading and wet texturing for ceiling application. Apply with adhesive, mechanical fasteners, or both in accordance with accepted industry standard practices. (See U.S. Gypsum publication MH1107 for specifications and application guidance.) Finish joints using the appropriate SHEETROCK MH Brand joint finishing system. Refer to individual product data sheets for specific information. Also, see publication MH1236 for system recommendations, and publication MH1216 for additional finishing tips and instructions.

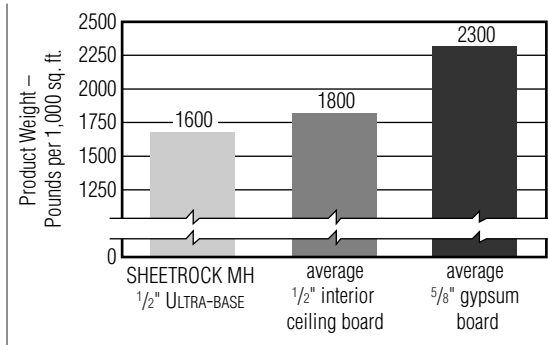
**Caution:** No gypsum panel product will resist sagging if exposed to excessive moisture for prolonged periods. Also, excessively long drying times will result in problems with the ceiling finish, such as joint banding and staining. This requires careful attention during the production process. Moisture 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.

**WARNING:** Store all SHEETROCK Brand Gypsum Panels flat. Panels are heavy and can fall over, causing serious injury or death. Do not move unless authorized.

### Touchup

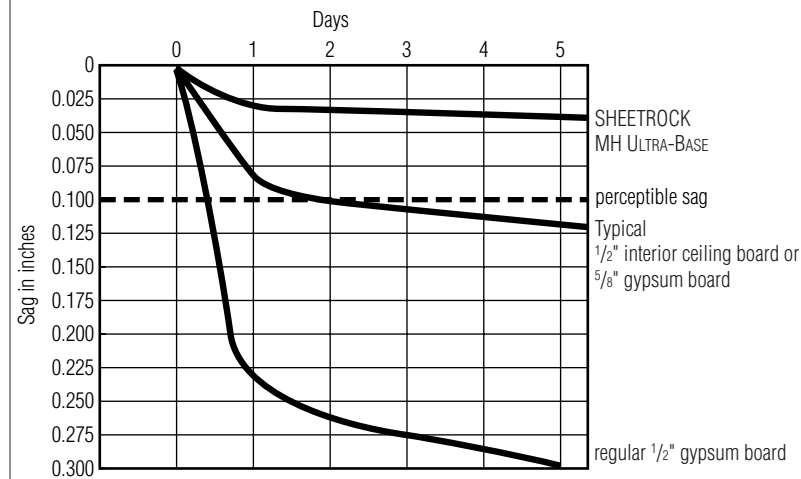
For best results, cover fastener heads and scuffed or damaged areas with a SHEETROCK MH Brand Joint Compound and/or texture finishing product.

**Chart 1—Product Weight Comparison**



5/8" gypsum panels were once considered the best product for ceiling applications. However, product weight has always been an impediment to efficient home production and shipping. While 1/2" interior ceiling boards offer some weight reduction, the core additives that provide sag resistance also produce brittleness, which can result in panel and joint cracking. The patent-pending process used to manufacture SHEETROCK MH Brand Gypsum Ceiling Board (ULTRA-BASE) offers a cost-effective solution to both problems, providing superior sag resistance and reduced brittleness combined with substantial weight reduction.

**Chart 2—Sag Resistance**



The sag characteristics of standard MH gypsum board and SHEETROCK MH Brand Gypsum Ceiling Board (ULTRA-BASE) were evaluated by an independent laboratory. Chart 2 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. The SHEETROCK MH Brand Gypsum Ceiling Board (ULTRA-BASE), however, showed minimal sag through the duration of the test.

**Trademarks**

The following trademarks used herein are owned by United States Gypsum Company: IMPERIAL, SHEETROCK, TUF-BASE, TUF-SET, TUF-SPRAY, TUF-TAPE, TUF-TEX, ULTRA-BASE.

**Note**

Products described here may not be available in all geographic markets. Consult your U.S. Gypsum 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 installing 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.