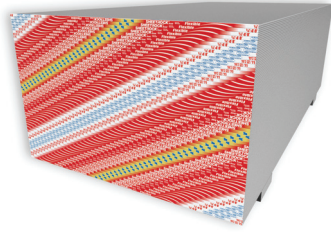


SHEETROCK® Gypsum Panels



1/4" Flexible

Flexible gypsum board for curved walls, archways, and staircases.

- More flexible than standard 1/4" SHEETROCK Panels
- Designed to construct curved surfaces easily
- Quick installation and decoration
- Lightweight, fire-resistant dry construction

Description

SHEETROCK Brand 1/4" Flexible Gypsum Panels have a non-combustible gypsum core that is encased in a 100 percent recycled face and back paper. The panels are UL classified for fire resistance (type R) and feature tapered edges for easy installation.

Advantages

Dry construction. Factory-fabricated gypsum panels eliminate excessive moisture in construction.

Low in-place cost. The easily cut gypsum panels apply quickly, permit painting or other decoration, and allow installation of metal or wood trim almost immediately.

Fire protection. The gypsum core will not support combustion or transmit temperatures greatly in excess of 212 °F (100 °C) until completely calcined—a slow process.

Crack resistance. With joints reinforced by one of U.S. Gypsum's joint systems, SHEETROCK Brand 1/4" Flexible Gypsum Panels form walls and ceilings that are exceptionally resistant to cracks caused by structural, thermal, and hygrometric changes.

Nonwarping. Expansion or contraction under normal atmospheric changes is negligible—won't cause harmful warping or buckling.

Limitations

1. Avoid exposure to temperatures exceeding 125 °F (52 °C).
2. Avoid exposure to excessive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Non-load bearing
4. Application of gypsum panels over an insulating blanket, installed continuously across the face of the framing members, is not recommended. Blankets should be recessed and blanket flanges attached to sides of studs or joists.
5. Painting Systems—for satisfactory results, painting products and systems should be used which comply with recommendations and requirements in Appendices of ASTM C840.

For priming and decorating with paint, texture, or wallcovering, follow manufacturer's directions for materials used. All surfaces, including applied joint compound, must be thoroughly dry, dust-free, and not glossy. A prime coat of SHEETROCK® First Coat or a good quality interior latex flat wall paint (undiluted) with high solids content should be applied and allowed to dry before decorating. To improve fastener concealment, where gypsum panel walls and ceilings will be subjected to strong artificial or natural side lighting and/or decorated with a gloss paint (eggshell, semigloss, or gloss), the gypsum panel surface should be skim-coated with joint compound or primed with SHEETROCK First Coat to equalize suction before painting.

Product and Test Data

The test results listed below ensure that products will perform as intended when designed, specified, installed and maintained according to our printed recommendations.

Compliance with Standards

SHEETROCK Brand 1/4" Flexible Gypsum Panels comply with ASTM C36 and C1396.
Per ASTM E136, gypsum core UL-classified as non-combustible.
Per ASTM E84, flame spread is 15; smoke developed is 0.

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).

Hygrometric Coefficient of Expansion—Unrestrained 5-90% r.h.

7.2 x 10⁻⁶ in./in./% r.h. (7.2 x 10⁻⁶ mm/mm/% r.h.)(7.22 μm/m/% r.h.).

Thermal Resistance “R”

0.22 °F x ft.² x hr./Btu (0.04 x m²/W).

Minimum Bending Radii of SHEETROCK Brand 1/4” Flexible Gypsum Panels

Application	Condition	Lengthwise		Widthwise	
		Bend Radii	Max. Stud Spacing	Bend Radii	Max. Stud Spacing
Inside (concave)	Dry	32”	9” o.c.	20”	9” o.c.
Inside (concave)	Wet	20”	9” o.c.	10”	6” o.c.
Outside (convex)	Dry	32”	9” o.c.	11”	6” o.c.
Outside (convex)	Wet	15”	6” o.c.	7”	6” o.c.

Note: Bending specifications are for board tested at 65 °F and 45% relative humidity.

Labeling

Each panel is stamped with an Underwriters Laboratories, Inc. label documenting UL classifications for fire resistant, surface burning characteristics and non combustibility.

Submittal Approvals:

Job Name	
Contractor	Date

Additional Information

This document is intended as a product submittal only. For complete information regarding SHEETROCK Brand 1/4” Flexible Gypsum Panels, please refer to the following literature:

- The Gypsum Construction Handbook
- Gypsum Panels and Accessories Brochure (SA927)
- Good Design Practices: Moisture, Mold, Mildew and Construction Practices (WB2317)

Trademarks

The following trademarks used herein are owned by United States Gypsum Company: SHEETROCK.

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 installation 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.

