

SHEETROCK® Brand Gypsum Panels



Regular and FIRECODE® Cores

Quality interior wall and ceiling panels at low cost

- Fire-resistant dry construction
- Quick erection and decoration
- Scores and snaps easily
- Resist cracking and warping
- Specialized types for all systems

Description

SHEETROCK® Brand Gypsum Panel is the original, the preferred, and the most widely used gypsum panel in existence. It is available in more specialized forms for various systems than any other drywall line. Its high quality standards extend to a complete line of U.S. Gypsum components supplied for fast-applying, high-performance walls and ceilings. Thus, one dependable source offers unit responsibility for the system used.

SHEETROCK Brand Gypsum Panels are factory-fabricated, composed of fire-resistant gypsum core encased in heavy natural-finish face paper on the face side and strong liner paper on the back side. The face paper is folded around the long edges to reinforce and protect the core, and the ends are square-cut and finished smooth. Long edges of panels are tapered, allowing joints to be reinforced and concealed with a U.S. Gypsum joint treatment system.

SHEETROCK Brand Gypsum Panels are available with three different core types for standard construction uses.

SHEETROCK Brand Gypsum Panels, Regular Core

With a regular core, available in three thicknesses for specific purposes.

1/2" Panels Recommended for single-layer application in residential construction.

3/8" Panels Lightweight, applied principally in the double-wall system over wood framing, and in repair and remodeling.

1/4" Panels A lightweight, low-cost, utility gypsum panel, used as base layer for improving sound control in double-layer steel and wood-stud partitions, and for use over old wall and ceiling surfaces. Also for forming curved surfaces with short radii.

SHEETROCK Brand Gypsum Panels, FIRECODE Core

5/8" Type X Gypsum Panels Provide additional fire resistance over regular panels.

SHEETROCK Brand Gypsum Gypsum Panels, FIRECODE C Core

1/2" and 5/8" Type X Gypsum Panels Specially formulated mineral core provides fire resistance superior to that offered by FIRECODE Core Gypsum Panels.

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. Fire-resistance ratings achieved when assembled in accordance with UL designs.

Product & Test Data

Compliance	Meets ASTM C36.
Size	Panels are 1/4", 3/8", 1/2" and 5/8" x 48" wide and available in 8'–14' lengths. 1/2" and 5/8" also available in 54" wide.
Weight	1/4" – 1.2 lbs/sf; 3/8" – 1.4 lbs/sf; 1/2" – 1.6 lbs/sf; 5/8" – 2.2 lbs/sf.
Thermal Resistance "R"	For 1/2" thickness: 0.45 °F x ft. ² x h/Btu (0.08 K x m ² /W).
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.) (7.2 μm/m/% r.h.).
Surface Burning Characteristics	Flame spread 15, smoke developed 0.
Packaging	2 panels per bundle.

Submittal Approvals:

Job Name		
Contractor		Date

Additional Information

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

- *The Gypsum Construction Handbook*
- Drywall Steel Framed Systems (SA923)
- Drywall Wood Framed Systems (SA924)
- Good Design Practices (WB2317)

Trademarks

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

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.
Safety First!
Follow good safety practices. Read material safety data sheets and related literature on products before specification and/or installation.

