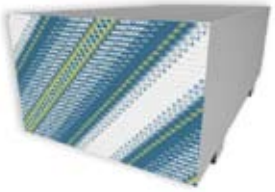
Submittal Sheet
09250

Sheetrock® Gypsum Panels



AR Regular and Firecode® Core

Low cost, impact-resistant panels
- An upgrade to standard drywall
- Indentation resistant
- Impact resistant
- Crack and warp resistant

Description

SHEETROCK® brand AR gypsum panels were designed and tested to offer greater resistance to surface indentation and impact damage than standard SHEETROCK® gypsum panels. These abuse-resistant gypsum panels are a low-cost alternative to other systems for partitions that require greater impact resistance.

SHEETROCK AR gypsum panels are encased in heavy natural-finish 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 USG joint treatment system.

5/8" panels with FIRECODE® Core Recommended for commercial and institutional construction where greater resistance to indentation and impact damage are required, providing a low-cost alternative to other construction methods. This panel is classified by UL as to fire resistance and meets the requirement for Type X in the model building code.

Limitations

1. Do not expose to sustained temperatures exceeding 125 °F (52 °C).
2. Do not expose to excessive, repetitive or continuous moisture before, during or after installation. Eliminate sources of moisture immediately.
3. Not suitable for use in high-moisture areas such as tub and shower enclosures, gang showers and other areas subject to direct water exposure.
4. Non-loadbearing.
5. For abuse-resistant construction over steel framing, minimum 20-gauge studs a maximum of 16 inches o.c. are required.
6. Application of SHEETROCK AR gypsum panels over an insulating blanket, installed continuously across the framing members, is not recommended. Blankets should be recessed and blanket flanges attached to sides of studs or joists.

Finishing and Decorating

For high-quality finishing results, USG recommends the following products:
- SHEETROCK® brand ready-mixed joint compounds
- SHEETROCK® brand setting-type joint compounds
- SHEETROCK® brand joint tape
- SHEETROCK® brand First Coat primer
- SHEETROCK® brand paperfaced metal drywall bead and trim
- SHEETROCK® brand TUFF-HIDE™ primer-surfacer

Painting products and systems should be used that comply with recommendations and requirements in Appendices of ASTM C840. For priming and decorating with paint, texture or wall covering, follow manufacturer's directions for materials used.

All surfaces, including applied joint compound, must be thoroughly dry, dust-free and not glossy. Prime with SHEETROCK First Coat primer or with an undiluted, interior latex flat paint with high-solids content. Allow to dry before decorating.

To improve fastener concealment, where gypsum panel walls and ceilings will be subjected to severe artificial or natural side lighting and be decorated with a gloss paint (egg shell, semi-gloss or gloss), the gypsum panel surface should be skim coated with joint compound. This equalizes suction and texture differences between the drywall face paper and the finished joint compound before painting. As an alternative to skim coating, or when a Level 5 finish is required, use SHEETROCK TUFF-HIDE primer-surfacer.

Product Data		**Size:** Panels are 5/8" (15.9 mm) thick x 4' (1218 mm) wide and available in lengths of 8'-12' (2438-4267 mm).
		Weight: 5/8" – 2.8 lbs/sf
		Labeling: Each 5/8" FIRECODE Core panel bears the Underwriters Laboratories, Inc. mark as evidence of UL Classifications for fire resistance, surface burning characteristics and noncombustibility.
Test Data	**Abuse Resistance**	**Surface abrasion:** Tested in accordance with ASTM C1629. Classification Level 2 **Surface indentation:** Tested in accordance with ASTM C1629. Classification Level 2 **Soft-body impact test:** Tested in accordance with ASTM C1629. Classification Level 1 **Note:** For projects requiring superior abuse resistance, specify FIBEROCK brand VHI abuse-resistant panels.
	Fire Protection	5/8" panels are UL Classified and provide one- and two-hour fire ratings when used in accordance with UL designs. The gypsum core meets code requirements for noncombustible construction.
Compliance		SHEETROCK AR gypsum panels comply with ASTM C1396. Per ASTM E136, noncombustible gypsum core. Per ASTM E84, flame spread 15/smoke developed 5.

Submittal Approvals	**Job Name**	
	Contractor	**Date**

Product Information
See usg.com for the most up-to-date product information.
Note
Products described here may not be available in all geographic markets. Consult your U.S. Gypsum Company sales office or representative for information.

Trademarks
The following trademarks used herein are owned by United States Gypsum Company or a related company: FIBEROCK, FIRECODE, SHEETROCK, TUFF-HIDE, USG.
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.

Manufactured by
United States Gypsum Company
550 West Adams Street
Chicago, IL 60661

800 USG.4YOU (874.4968)
usg.com

WB2133/rev. 5-09
©2008, United States Gypsum Company
Printed in U.S.A.