USG
Interior
Panel &
Finishing
Solutions

SUBMITTAL SHEET

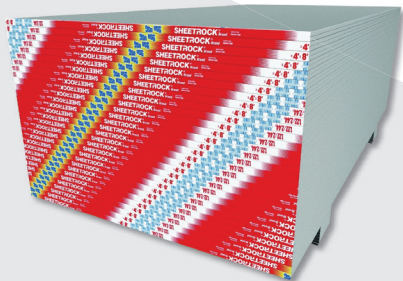# USG SHEETROCK® BRAND
GYPSUM PANELS

Quality 1/4 in., 3/8 in. and 1/2 in. wall and ceiling panels for interior applications

- Quick installation and decoration
- Resistant to cracking and warping
- Dry construction
- Sore and snap easily
- Meet or exceed ASTM C1396, *Standard Specification for Gypsum Board*
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

DESCRIPTION

Available in 1/4 in., 3/8 in. and 1/2 in. thicknesses, USG Sheetrock® Brand Gypsum Panels are manufactured with a core comprised of fire-resistant gypsum encased in 100% recycled face and back papers. The natural finish face paper is folded around the long edges to protect the core and the ends are cut square and even. The long edges of the panels are tapered, allowing joints to be reinforced and concealed with USG Sheetrock® Brand joint treatment systems.

INTENDED FOR

- Non-fire-rated single-layer wall and ceiling applications
- New residential, commercial, or repair and remodel construction
- Wood or steel framing
- 1/4 in. panels are recommended as a base layer for improving sound control in double-layer steel- and wood-stud partitions, and for use over old wall and ceiling surfaces with short radii
- 3/8 in. panels are recommended in double-wall systems over wood framing, and in repair and remodeling
- 1/2 in. panels are recommended for single-layer applications in new residential construction

LIMITATIONS

1. Avoid exposure to sustained temperatures exceeding 125 °F (52 °C).
2. Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Non-load-bearing.
4. Must be stored off the ground and under cover in accordance with Gypsum Association's *Handling and Storage of Gypsum Panel Products* (GA-801-07). Sufficient risers must be used to support the entire length of the gypsum board to prevent sagging.

INTERIOR INSTALLATION, FINISHING AND DECORATING

INSTALLATION

Maximum Frame Spacing Drywall Construction

Direct Application	Panel Thickness[1]	Location	Application Method[2]	Maximum Frame Spacing OC
Single-layer	3/8 in. (9.5 mm)	Ceilings[3]	Perpendicular[4]	16 in. (406 mm)
		Sidewalls	Perpendicular or parallel	16 in. (406 mm)
	1/2 in. (12.7 mm)	Ceilings	Perpendicular[5]	24 in. (610 mm)
			Parallel[4]	16 in. (406 mm)
		Sidewalls	Perpendicular or parallel	24 in. (610 mm)
			Parallel[4]	16 in. (406 mm)
Double-layer	1/4 in. (6.4 mm)	Ceilings	Perpendicular	16 in. (406 mm)
		Sidewalls	Perpendicular or parallel	16 in. (406 mm)
	3/8 in. (9.5 mm)	Ceilings[6]	Perpendicular	16 in. (406 mm)
		Sidewalls	Perpendicular or parallel	24 in. (610 mm)[7]
	1/2 in. (12.7 mm)	Ceilings	Perpendicular or parallel	24 in. (610 mm)[7]
		Sidewalls	Perpendicular	24 in. (610 mm)[7]

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Notes:
1. 1/4 in. panels are recommended as a base layer for improving sound control in double-layer steel- and wood-stud partitions, and for use over old wall and ceiling surfaces with short radii. 3/8 in. panels are recommended in double-wall systems over wood framing, and in repair and remodeling. 1/2 in. panels are recommended for single-layer applications in new residential construction.
2. Long edge position relative to framing.
3. 3/8 in. panels are not to be applied to ceilings where the gypsum board supports insulation.
4. Not recommended if water-based texturing material is to be applied.
5. Maximum frame spacing is 16 in. if water-based texturing material is to be applied.
6. Adhesive must be used to laminate 3/8 in. panels for double-layer ceilings.
7. Maximum frame spacing 16 in. OC if fire rating required.

FINISHING AND DECORATING

For high-quality finishing results, USG recommends USG Sheetrock® Brand finishing products.

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. Gypsum Association's *Recommended Specification for Levels of Gypsum Board Finish* (GA-214) should be referred to in order to determine the level of finishing needed to ensure a surface properly prepared to accept the final decoration.

All surfaces, including applied joint compound, must be thoroughly dry, dust-free and not glossy. Prime with USG Sheetrock® Brand 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, or will be decorated with a gloss paint (eggshell, semigloss or gloss), the gypsum panel 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 USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer.

For more information, refer to USG literature *Finishing & Decorating Gypsum Panels White Paper* (J2010).

PRODUCT DATA

	USG Sheetrock® Brand Gypsum Panels		
Thickness	1/4 in. (6.4 mm)	3/8 in. (9.5 mm)	1/2 in. (12.77 mm)
Lengths	8-16 ft. (2438-4877 mm)	8-16 ft. (2438-4877 mm)	8-16 ft. (2438-4877 mm)
Width[8]	4 ft. (1219 mm)	4 ft. (1219 mm)	4 ft. (1219 mm)
Weight[9], nominal	1.2 lb./sq. ft. (5.9 kg/sq. m.)	1.4 lb./sq. ft. (6.8 kg/sq. m.)	1.6 lb./sq. ft. (7.8 kg/sq. m.)
Edges	Tapered	Tapered	Tapered
Packaging	Two panels per bundle	Two panels per bundle	Two panels per bundle
Surface-burning characteristics per ASTM E84	Flame spread: 15 Smoke development: 0 Classification: Class A	Flame spread: 15 Smoke development: 0 Classification: Class A	Flame spread: 15 Smoke development: 0 Classification: Class A

Notes:
8. Other sizes available by special order. Check with your local USG representative for availability.
9. 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.

COMPLIANCE

- Meet or exceed ASTM C1396 specifications
- Classified as a Class A Interior Finish Material per Section 803.1 of the International Building Code® (IBC®)
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

SUBMITTAL APPROVALS

Job Name	
Contractor	**Date**

PRODUCT INFORMATION
See usg.com for the most up-to-date product information.

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

CAUTION
Dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Cut and trim with a utility knife or hand saw to minimize dust levels. Power tools must be equipped with a dust collection system. Wear eye, skin and respiratory protection if necessary. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call a physician. Do not swallow. If swallowed, call a physician. For more information call Product Safety: 800 507-8899 or see the SDS at usg.com.
KEEP OUT OF REACH OF CHILDREN

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 Safety Data Sheets and related literature on products before specification and/or installation.

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