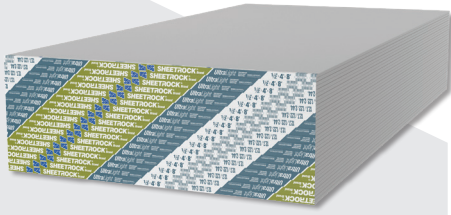


USG SHEETROCK® BRAND ULTRALIGHT PANELS



Ultralightweight and sag-resistant 1/2 in. (12.7 mm) panels for interior wall and ceiling applications

- The industry's first lightweight 1/2 in. (12.7 mm) gypsum panels
- Superior score and snap for a cleaner edge and faster installation
- International Code Council® (ICC®) Evaluation Service compliant for ceiling installations, ESR-3365
- Comply with ASTM C1396, *Standard Specification for Gypsum Board*, for 1/2 in. (12.7 mm) gypsum wallboard and 1/2 in. (12.7 mm) gypsum ceiling board
- Underwriters Laboratories Inc. (UL) Classification as to surface-burning characteristics and noncombustibility
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)

DESCRIPTION

USG Sheetrock® Brand UltraLight Panels are 1/2 in. (12.7 mm) gypsum panels that feature proprietary core and paper technologies, resulting in a high strength-to-weight ratio composite design. These lightweight panels are also engineered to have superior sag resistance, eliminating the need for traditional 1/2 in. (12.7 mm) sag-resistant ceiling panels. The noncombustible gypsum core is encased in 100% recycled face and back papers, and the face paper is folded around the long edges to reinforce and protect the core. The ends of the panels are cut square and even, while the long edges are tapered, allowing joints to be reinforced and concealed with USG Sheetrock® Brand joint treatment systems.

INTENDED FOR

- Commercial or residential applications where 1/2 in. (12.7 mm) panels are desired
- New or repair and remodel construction
- Non-fire-rated wood- or steel-framed wall and ceiling applications
- Parallel or perpendicular installation on ceilings with 24 in. (610 mm) OC framing when water-based texture is applied

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. Must be stored off the ground and under cover in accordance with Gypsum Association's GA-801, *Handling and Storage of Gypsum Panel Products*.

INTERIOR INSTALLATION, FINISHING AND DECORATING INSTALLATION

For maximum framing spacing in non-fire-resistance-rated applications of gypsum panel products, refer to Gypsum Association's GA-216, *Specifications for the Application and Finishing of Gypsum Panel Products* or ASTM C840, *Standard Specification for Application and Finishing of Gypsum Board*.

Maximum Framing Spacing for Single-Layer Application

Location	Gypsum Panel Thickness	Gypsum Panel Orientation to Framing	Maximum Framing Spacing OC
Ceilings ¹	1/2 in. (12.7 mm)	Parallel	24 in. (610 mm)
		Perpendicular	24 in. (610 mm)
Walls	1/2 in. (12.7 mm)	Parallel	24 in. (610 mm)
		Perpendicular	24 in. (610 mm)

Maximum Framing Spacing for Multi-Layer Application Without Adhesive Between Layers

Location	Gypsum Panel Thickness	Gypsum Panel Orientation to Framing	Maximum Framing Spacing OC
Ceilings ¹	1/2 in. (12.7 mm)	Parallel	24 in. (610 mm)
		Perpendicular	24 in. (610 mm)
Walls	1/2 in. (12.7 mm)	Parallel	24 in. (610 mm)
		Perpendicular	24 in. (610 mm)

Note:

1. On ceilings to receive water-based texture material, maximum framing spacing is 24 in. (610 mm) OC for parallel and perpendicular application with weight of unsupported insulation not exceeding 2.2 lb./sq. ft. (10.7 kg/sq. m.). Sag performance has been independently verified by Progressive Engineering Inc. (PEI) when testing in accordance with ICC-ES AC417, *Acceptance Criteria for 1/2 in. (12.7 mm) Sag-Resistant Gypsum Ceiling Board*, and PEI Standard No. 94-9, *Large Scale Ceiling Board Load Test Procedure*. Parallel installation compliance under ICC® ESR-3365.

**INTERIOR INSTALLATION,
FINISHING AND DECORATING, CONT.**

INSTALLATION

Fastener Spacing, Single-Layer Over Wood Framing

Fastener Type	Location	Maximum Spacing
Nails, 1-1/4 in. (32 mm) annular ring 5d drywall nail complying with ASTM C514, <i>Standard Specification for Nails for the Application of Gypsum Board</i>	Ceilings	7 in. (178 mm)
	Walls	8 in. (203 mm)
Screws, 1-1/4 in. (32 mm) Type W bugle head complying with ASTM C1002, <i>Standard Specification for Steel Self-Piercing Tapping Screws for Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs</i>	Ceilings	12 in. (305 mm)
	Walls	16 in. (406 mm)
Screws (same as above)	RC-1, ceilings or walls	12 in. (305 mm)
Adhesive ² with nails or screws (same as above)	Ceilings, long edges perpendicular to framing members	16 in. (406 mm) at ends, one fastener per framing member at edges, one fastener in center of panel
	Walls, long edges perpendicular to framing members	16 in. (406 mm) at ends, one fastener per framing member at edges, one fastener in center of panel
	Walls, long edges parallel to framing members	16 in. (406 mm) along edges, one fastener per framing member at ends, one fastener in center of panel

Note:

2. In order to minimize or eliminate the occurrence of raised protrusions or screw buttons, USG recommends the installer confirm that the adhesive has fully cured, has stopped shrinking and has stabilized prior to finishing the panel. For more information, refer to USG literature *USG Fastener-Related Drywall Installation Issues and Recommendations White Paper (WB2757)*.

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 GA-214, *Recommended Levels of Finish for Gypsum Board, Glass Mat and Fiber-Reinforced Gypsum Panels* 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 critical artificial or natural 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. When a Level 5 finish is required, use USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer. See *USG Sheetrock® Brand Tuff-Hide™ Primer-Surfacer Submittal Sheet (J1613)* for limitations and application instructions.

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

TEST DATA

Property		ASTM Test Method	Requirement	USG Sheetrock® Brand UltraLight Panels
Noncombustibility		E136	Noncombustible	Meets
Surface-burning characteristics	Flame spread	E84	Flame Spread Index, not greater than 25 ³	15
	Smoke developed	E84	—	0
	Class A	E84	Flame spread not greater than 25 and smoke developed not greater than 450	Meets
Core hardness	Field	C473 (B)	Not less than 11 lbf (49 N) ³	Meets
	End	C473 (B)	Not less than 11 lbf (49 N) ³	Meets
	Edge	C473 (B)	Not less than 11 lbf (49 N) ³	Meets
Flexural strength	Parallel	C473 (B)	Not less than 36 lbf (160 N) ³	Meets
	Perpendicular	C473 (B)	Not less than 107 lbf (476 N) ³	Meets
Humidified deflection, gypsum wallboard		C473	Not greater than 1-1/4 in. (32 mm) ³	Meets
Humidified deflection, gypsum ceiling board		C473	Not greater than 5/16 in. (8 mm) ³	Meets
Nail pull resistance		C473 (B)	Not less than 77 lbf (343 N) ³	Meets

Note:

3. Per ASTM C1396 for 1/2 in. (12.7 mm) gypsum wallboard and gypsum ceiling board.

PRODUCT DATA

Thickness	1/2 in. (12.7 mm)
Lengths⁴	8-16 ft. (2438-4877 mm)
Width	4 ft. (1219 mm), 54 in. (1372 mm)
Weight⁵, nominal	1.25 lb./sq. ft. (6.1 kg/sq. m.)
Edges	Tapered
Packaging	Two panels per bundle

Notes:

4. Other sizes available by special order. Check with your local USG representative for availability.

5. 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

- Comply with ASTM C1396 for 1/2 in. (12.7 mm) gypsum wallboard and 1/2 in. (12.7 mm) gypsum ceiling board
- Classified as a Class A Interior Finish Material per Section 803.1 of the International Building Code® (IBC®)
- UL Classification as to surface-burning characteristics and noncombustibility
- Comply with the requirements of the International Building Code® (IBC®) and International Residential Code (IRC) as both regular wallboard and ceiling board
- Achieved GREENGUARD Gold Certification and qualifies as a low VOC emitting material (meets CA 01350)
- ICC® Evaluation Service compliant for ceiling installations, ESR-3365

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

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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.

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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.

