

# SHEETROCK® Brand UltraLight Panels



## Lightweight, quality wall and ceiling panels for interior applications

- The lightest 1/2" gypsum wallboard panel available
- Easier to lift, carry and install
- Quick installation and decoration
- Clean score and snap with less dust
- Can be used on ceilings with 24" o.c. frame spacing when water-based texture is applied
- Same high quality as all SHEETROCK® Brand Gypsum Panels
- Qualifies as low VOC emitting material (meets CA 01350)
- Reduction in transportation energy

### Description

SHEETROCK® UltraLight Panels are re-engineered, lightweight gypsum wallboard panels with a high strength-to-weight ratio composite design. The noncombustible core is encased in 100% recycled face and back papers. The natural finish face paper is folded around the long edges to reinforce and protect the core and the ends are cut square and even. The long edges of panels are tapered, allowing joints to be reinforced and concealed with SHEETROCK joint treatment systems.

### Intended For

Non-fire-rated single-layer wall and ceiling applications  
New residential construction  
Repair and remodel construction  
Ceilings where improved sag performance is desired  
Wood or steel framing

### 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. Maximum frame spacing is 24" o.c.
5. Must be stored off of the ground and under cover. Sufficient risers must be used to support the entire length of the gypsum board to prevent sagging.

### Finishing and Decorating

For high-quality finishing results, USG recommends the following products:

- SHEETROCK® ready-mixed joint compounds
- SHEETROCK® setting-type joint compounds
- SHEETROCK® joint tape
- SHEETROCK® First Coat primer
- SHEETROCK® paper faced metal bead and trim
- SHEETROCK® TUFF-HIDE™ primer-surfacer

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 wall covering, follow manufacturer's directions for materials used. Gypsum Association GA-214, Recommended Specification for Levels of Gypsum Board Finish, 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 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, or 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.

**Test Data**

		ASTM Test Method	ASTM C-1396 Specification	
			1/2" wallboard	SHEETROCK® Brand UltraLight Panels
<b>Noncombustibility</b>		E-136	Pass	Pass
<b>Surface Burning Characteristics</b>		E-84	Flame Spread Index, not greater than 25	15
			Smoke Developed Index, not greater than 450	0
<b>Hardness (lbf)</b>	<b>Core</b>	C-473 (B)	Not less than 11	Meets or exceeds
	<b>End</b>	C-473 (B)	Not less than 11	Meets or exceeds
	<b>Edge</b>	C-473 (B)	Not less than 11	Meets or exceeds
<b>Flexural Strength (lbf)</b>	<b>Parallel</b>	C-473 (B)	Not less than 36	Meets or exceeds
	<b>Perpendicular</b>	C-473 (B)	Not less than 107	Meets or exceeds
<b>Humidified Deflection, Gypsum Wallboard (in)</b>		C-473	Not greater than 1 1/4"	Less than
<b>Humidified Deflection, Gypsum Ceiling Board (in)</b>		C-473	Not greater than 5/16"	Less than
<b>Nail Pull Resistance (lbf)</b>		C-473 (B)	Not less than 77	Meets or exceeds

Tested by Progressive Engineering, Inc. Reference PEI report 2008-212A.

**Installation**

**Ceiling Installation, Single Layer**

Application method (long edge position relative to framing)	Frame Spacing	Max. Weight of insulation support by drywall	Application method if water-based texture is applied
<b>Perpendicular only</b>	24"	2.2 psf	Perpendicular only
<b>Perpendicular or parallel</b>	16"	2.2 psf	

Installed in accordance with ASTM C840

**Fastener Spacing, Single Layer Over Wood Framing**

Fastener Type	Location	Maximum Spacing	
		in	mm
<b>Nails, 1 1/4" annular ring 5d drywall nail complying with ASTM C514</b>	Ceilings	7	178
	Sidewalls	8	203
<b>Screws, 1 1/4" Type W bugle head complying with ASTM C1002</b>	Ceilings	12	305
	Sidewalls	16	406
<b>Screws (same as above)</b>	RC-1 Channels, ceilings or sidewalls	12	305
<b>Adhesive with nails or screws same as above</b>	Ceilings, long edges perpendicular to framing members	16" or 406 mm at ends, 1 fastener per framing member at edges, 1 fastener in center of panel	
	Sidewalls, long edges perpendicular to framing members	16" or 406 mm at ends, 1 fastener per framing member at edges, 1 fastener in center of panel	
	Sidewalls, long edges parallel to framing members	16" or 406 mm along edges, 1 fastener per framing member at ends, 1 fastener in center of panel	



**Product Data**

<b>Thickness</b>	1/2"
<b>Lengths and Widths<sup>1</sup></b>	48" wide – 8', 9', 10', 12', 14', 16' 54" wide – 12', 14'
<b>Weight<sup>2</sup></b>	1.25 lb./sq. ft.
<b>Edges</b>	Tapered or SW (Smooth Wall)
<b>Packaging</b>	2 panels per bundle
<b>Thermal Resistance "R"</b>	0.45 °F x ft <sup>2</sup> x h/Btu (0.08 K x m <sup>2</sup> /W)
<b>Hygrometric Coefficient of Expansion: Unrestrained: 10–90% r.h.</b>	7.2 x 10 <sup>-6</sup> in./in./% r.h. (7.2 x 10 <sup>-6</sup> mm/mm/% r.h.) (7.2 μm/m/% r.h.)
<b>Thermal Coefficient of Expansion: Unrestrained: 40–100 °F (4–38 °C)</b>	9.0 x 10 <sup>-6</sup> in./in./°F (16.2 x 10 <sup>-6</sup> mm/mm/°C) (16.2 μm/m/°C)

1. Other sizes available by special order. Check with your local USG representative for availability.
2. 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 1-800-950-3839.

**Compliance**

Meets or exceeds ASTM C-1396 specifications for 1/2" gypsum wallboard and 1/2" gypsum ceiling board. Complies with the requirements of the International Building Code and International Residential Code as both regular wallboard and ceiling board. Class A Surface Burning Characteristics, as defined in IBC Section 803.1.

**Submittal Approvals:**

<b>Job Name</b>	
<b>Contractor</b>	<b>Date</b>

**Product Information**

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

**Trademarks**

The following trademarks used herein are owned by USG Corporation or its subsidiaries: SHEETROCK, TUFF-HIDE, USG. UL Environment, "Environmental Claims Validation" logo is a trademark of Underwriters Laboratories Inc.

**Note**

Products described here may not be available in all geographic markets.

**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/industrial hygiene practices during installation. Wear appropriate personal protection equipment. Read MSDS and literature before specification and installation.

