

# SHEETROCK® Brand UltraLight Panels FIRECODE® 30



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

- Up to 30% lighter than standard 5/8" Type X gypsum panels
- Easier to lift, carry and install
- Lighter weight speeds installation
- UL classified as to fire resistance—30-minute and 1-hour fire-rated walls
- Qualifies as a low VOC emitting material (meets CA 01350)
- Strength and impact resistance comparable to standard 5/8" Type X
- Same high quality as all SHEETROCK® Brand gypsum panels

## Description

SHEETROCK® Brand UltraLight Panels FIRECODE® 30 have been formulated to achieve all of the strength and physical performance characteristics as standard 5/8" SHEETROCK® FIRECODE® Core panels at a significantly reduced weight. The panels have an innovative, engineered core and proprietary face and back papers that form a high strength to weight ratio composite design. The noncombustible core is encased in stronger, 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. The product name is printed with non-bleeding ink on the face of each panel for identification after installation.

## Intended For

Commercial or residential applications where 5/8" Type X panels are not required  
New, or repair and remodel construction  
Non-fired-rated steel- or wood-framed wall and ceiling assemblies  
Single-layer wood- or steel-framed 30-minute fire-rated wall assemblies  
Double-layer gypsum panel steel-framed one-hour fire-rated wall assemblies

## Limitations

1. It is not an ASTM C1396 defined Type X panel.
2. Avoid exposure to sustained temperatures exceeding 125 °F (52 °C).
3. Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation.
4. Eliminate sources of moisture immediately.
5. Maximum frame spacing is 24" o.c.
6. Maximum weight of unsupported insulation is 2.2 lb-ft<sup>2</sup>
7. Must be stored off of the ground and under cover in accordance with Gypsum Association publication GA-801-07, Handling and Storage of Gypsum Panel Products.

## Installing, Finishing and Decorating

SHEETROCK® Brand UltraLight Panels FIRECODE® 30 install and finish just like standard 5/8" SHEETROCK FIRECODE panels. Fastener type and spacing requirements are the same as for standard 5/8" Type X.

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

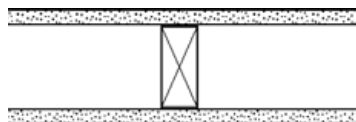
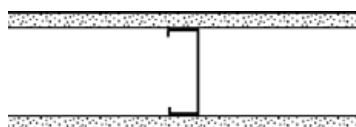
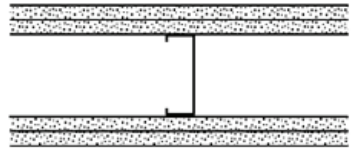
- SHEETROCK® Ready-Mixed Joint Compounds
- SHEETROCK® Setting-Type Joint Compounds
- SHEETROCK® Joint Tape
- SHEETROCK® First Coat Primer
- SHEETROCK® Paper-Faced Metal Drywall Bead and Trim
- SHEETROCK® Tuff-Hide™ Primer-Surfacer

Painting products and systems that comply with recommendations and requirements in Appendixes of ASTM C840 should be used. 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 assure 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, semigloss 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		Property	ASTM Test Method	ASTM C-1396 Specification 5/8" wallboard	SHEETROCK® Brand UltraLight Panels FIRECODE® 30 5/8"
		<b>Noncombustibility</b>	E-136	Pass	<b>Pass</b>
	<b>Surface Burning Characteristics</b>	<b>Flame Spread</b>	E-84	Flame Spread Index, not greater than 25	<b>15</b>
		<b>Smoke Developed</b>	E-84	Smoke Developed Index, not greater than 450	<b>0</b>
	<b>Core Hardness (lbf)</b>	<b>Field</b>	C-473 (B)	Not less than 11	<b>Meets or exceeds</b>
		<b>End</b>	C-473 (B)	Not less than 11	<b>Meets or exceeds</b>
		<b>Edge</b>	C-473 (B)	Not less than 11	<b>Meets or exceeds</b>
	<b>Flexural Strength (lbf)</b>	<b>Parallel</b>	C-473 (B)	Not less than 46	<b>Meets or exceeds</b>
		<b>Perpendicular</b>	C-473 (B)	Not less than 147	<b>Meets or exceeds</b>
		<b>Humidified Deflection (in)</b>	C-473	Not greater than 5/16"	<b>Less than</b>
		<b>Nail Pull Resistance (lbf)</b>	C-473 (B)	Not less than 87	<b>Meets or exceeds</b>

Fire and Sound Performance			30-Minute Fire-Rated Construction	Acoustic Performance
Construction Detail	Description	Test Number	STC	
	5/8" SHEETROCK® Brand UltraLight Panels FIRECODE® 30 2x4 wood studs 16" o.c – load bearing	UL Design No. U407	33 w/ R-11 fiberglass sound batt	
			45 w/ R-11 fiberglass sound batt, RC-1 one side	
	5/8" SHEETROCK® Brand UltraLight Panels FIRECODE® 30 25 EQ gauge steel studs 24" o.c.	UL Design No. U407	44 w/ R-11 fiberglass sound batt	
			45 w/ mineral wool sound batt	
<b>1 Hour Fire-Rated Construction</b>				
	2 layers 5/8" SHEETROCK® Brand UltraLight Panels FIRECODE® 30 each side 25 EQ gauge steel studs 24" o.c.	UL Design No. U407	52 w/ R-11 fiberglass sound batt	

For more information on fire and sound performance, please see SHEETROCK® Brand UltraLight Panels FIRECODE® Core Sound Assembly Selector Guide WB2586.



**Product Data**

<b>Thickness</b>	5/8"
<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>	1.65 lb./sq. ft.
<b>Edges</b>	Tapered
<b>Packaging</b>	2 panels per bundle
<b>Shear Value<sup>3</sup> — screws, 8" OC field, 12" OC perimeter</b>	79 plf
<b>Shear Value<sup>3</sup> — nails, 4" OC field, 7" OC perimeter</b>	127 plf
<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)
<b>Hygrometric Coefficient of Expansion — Unrestrained: 5-90% 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.)

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.
3. Allowable design load for resistance to wind or seismic forces, 2" x 4" studs 16" OC, joints blocked.

**Compliance**

Manufactured to meet or exceed ASTM C1396 for 5/8" gypsum wallboard, non Type X, section 5. 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 United States Gypsum Company or a related company: SHEETROCK, FIRECODE, TUFF-HIDE, USG, USG in stylized letters.

**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.



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