

SHEETROCK® UltraLight Panels FIRECODE® 30



Lightweight, quality wall and ceiling panels for interior applications

- Up to 30% lighter than standard 15.9 mm (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 15.9 mm (5/8") FIRECODE®
- Same high quality as all SHEETROCK® gypsum panels

Description

SHEETROCK® UltraLight Panels FIRECODE® 30 have been formulated to achieve all of the strength and physical performance characteristics as standard 15.9 mm (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 CGC/SYNKO® 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 15.9 mm (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 a Type X panel as defined in ASTM C1396 or CAN/CSA A 82.27 M.
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 610 mm (24") o.c.
6. Maximum weight of unsupported insulation is 10.7 kg/m² (2.2 lb/ft²)
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® UltraLight Panels FIRECODE® 30 install and finish just like standard 15.9 mm (5/8") SHEETROCK® FIRECODE® panels. Fastener type and spacing requirements are the same as for standard 15.9 mm (5/8") Type X.

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

- CGC/SYNKO® Ready-Mixed Joint Compounds
- CGC/SYNKO® Setting-Type Joint Compounds
- CGC/SYNKO® Joint Tape
- SHEETROCK® First Coat Primer or SYNKO® Pre-Coat Drywall Surface Equalizer
- SHEETROCK®/BEADEX® Paper-Faced Metal Drywall Bead and Trim
- SHEETROCK® Tuff-Hide™ Primer-Surfacer

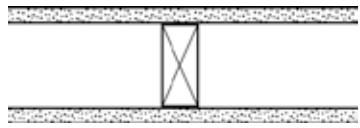
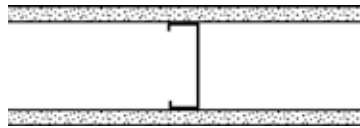
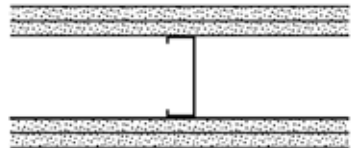
Painting products and systems that comply with recommendations and requirements in Appendixes of ASTM C840 should be used. For priming and decorating with paint, texture or wall covering, follow manufacturer's directions for materials used. Gypsum Association GA-214, Recommended Specification for Levels 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 15.9 mm (5/8") wallboard	SHEETROCK® UltraLight Panels FIRECODE® 30 15.9 mm (5/8")
Surface Burning Characteristics	Flame Spread	E-84 and CAN/ULC S 102	Flame Spread Index, not greater than 25	15	
	Smoke Developed	E-84 and CAN/ULC S 102	Smoke Developed Index, not greater than 450	0	
Core Hardness (lbf)	Field	C-473 (B)	Not less than 11	Meets or exceeds	
	End	C-473 (B)	Not less than 11	Meets or exceeds	
	Edge	C-473 (B)	Not less than 11	Meets or exceeds	
Flexural Strength (lbf)	Parallel	C-473 (B)	Not less than 46	Meets or exceeds	
	Perpendicular	C-473 (B)	Not less than 147	Meets or exceeds	
Humidified Deflection (in)		C-473	Not greater than 5/16"	Less than	
Nail Pull Resistance (lbf)		C-473 (B)	Not less than 87	Meets or exceeds	

Fire and Sound Performance

30-Minute Fire-Rated Construction			Acoustic Performance
Construction Detail	Description	Test Number	STC
	15.9 mm (5/8") SHEETROCK® UltraLight Panels FIRECODE® 30 2x4 wood studs 406 mm (16") o.c – load bearing	ULC Design W496 or, cJUL Design No. U407	33 w/ R-11 fiberglass sound batt
			45 w/ R-11 fiberglass sound batt, RC-1 one side
	15.9 mm (5/8") SHEETROCK® Brand UltraLight Panels FIRECODE® 30 25 EQ gauge steel studs 609 mm (24") o.c.	ULC Design W496 or, cJUL Design No. U407	44 w/ R-11 fiberglass sound batt
			45 w/ mineral wool sound batt
1 Hour Fire-Rated Construction			
	2 layers 15.9 mm (5/8") SHEETROCK® UltraLight Panels FIRECODE® 30 each side 25 EQ gauge steel studs 609 mm (24") o.c.	ULC Design W496 or, cJUL Design No. U407	52 w/ R-11 fiberglass sound batt

For more information on fire and sound performance, please see SHEETROCK® UltraLight Panels FIRECODE® Core Sound Assembly Selector Guide MK_P_SNDGUIDE_FC30.

Product Data

Thickness	15.9mm (5/8")
Lengths and Widths¹	1220mm (48") wide—2440mm (8'), 2745mm (9'), 3050mm (10'), 3660mm (12')
Weight²	7.8 - 8.79 kg/m ² (1.6 - 1.8 lb/sq. ft)
Edges	Tapered
Packaging	2 panels per bundle

1. Other sizes available by special order. Check with your local CGC representative for availability.
2. Represents approximate weight for design and shipping purposes. For specific product weight in your area, contact your local CGC representative or call Customer Service at 1-800-387-2690.

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.

Product Information

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

Trademarks

The CGC logo is a trademark of CGC Inc. CGC Inc. is a licensed user of the following trademarks: SHEETROCK, FIRECODE, SYNKO, BEADEX, TUFF-HIDE.

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.