

# CGC SHEETROCK® BRAND ULTRALIGHT PANELS FIRECODE® X 15.9 mm (5/8") TYPE X



## DESCRIPTION

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

- The lightest 15.9 mm (5/8") Type X gypsum panels available
- Listed by Underwriters Laboratories Inc. (UL) for use in fire-rated partitions when installed either vertically or horizontally with aligned tapered edges on standard and equivalent UL-approved 25-gauge steel studs (per UL U419)
- UL Classified for fire resistance, surface burning characteristics and noncombustibility
- Complies with ASTM C1396 requirements for 15.9 mm (5/8") Type X gypsum panel
- Can be used in any generic application where 15.9 mm (5/8") Type X is specified

CGC Sheetrock® Brand UltraLight Panels Firecode® X is available in one of two UL Type Designations (Type ULX and Type ULIX), depending on the market. Both panels have been formulated to achieve all of the strength and performance characteristics as standard 15.9 mm (5/8") CGC Sheetrock® Brand Firecode® Core Gypsum Panels, at a significantly reduced weight. The panels have a re-engineered core encased in 100% recycled face and back papers that form a high strength-to-weight ratio composite design. 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 UL Type Designation is printed with non-bleeding ink on the face of each panel for easy identification.

## INTENDED FOR

- Commercial or residential applications where 15.9 mm (5/8") Type X panels are required
- New or repair and remodel construction
- Load bearing and non-load bearing wood or steel framed fire-rated walls

## LIMITATIONS

1. Avoid sustained exposure to temperatures exceeding 52°C (125°F).
2. Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
3. Maximum frame spacing is 610 mm (24") o.c.
4. UL Type ULX use in 1 hour single layer fire-rated ceilings is limited to UL Design No L559.
5. UL Type ULIX requires the use of insulation for single-layer, steel-framed UL fire-rated assemblies.
6. Must be stored off the ground and under cover in accordance with Gypsum Association publication GA-801, *Handling and Storage of Gypsum Panel Products*.

## INSTALLING, FINISHING AND DECORATING

CGC Sheetrock® Brand UltraLight Panels Firecode® X install and finish just like standard 15.9 mm (5/8") CGC Sheetrock® Brand Firecode® Core Gypsum Panels. Fastener type and spacing requirements are the same as for standard 15.9 mm (5/8") Type X for single layer one-hour-rated systems only. For multiple layer systems, CGC Sheetrock® UltraLight Panels Firecode X Type ULIX require fastener spacing of 203 mm (8") o.c. for the face layer but all horizontal joints can be aligned.

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

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

Painting products and systems should be installed in accordance 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. Refer to Gypsum Association GA-214, *Recommended Specification for Levels of Gypsum Board Finish*, 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 CGC Sheetrock® First Coat Primer, Synko Pre-Coat Drywall Surface Equalizer 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, 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 CGC Sheetrock® Tuff-Hide Primer-Surfacer.

## TEST DATA

Property		ASTM Test Method and CSA Standards	ASTM C1396 Specification 15.9 mm (5/8") Gypsum Panel	UL Type ULX	UL Type ULIX
<b>Noncombustibility</b>		CAN/ULC-S114 and E136	Pass	Pass	Pass
<b>Surface burning characteristics</b>	Flame Spread	CAN/ULC-S102 and E84	Flame Spread Index, not greater than 25	15	10
	Smoke Developed	CAN/ULC-S102 and E84	Smoke Developed Index, not greater than 450	0	5
<b>Core Hardness</b>	Field	C473 (B)	Not less than 49 N (11 lbf)	Meets or exceeds	Meets or exceeds
	End	C473 (B)	Not less than 49 N (11 lbf)	Meets or exceeds	Meets or exceeds
	Edge	C473 (B)	Not less than 49 N (11 lbf)	Meets or exceeds	Meets or exceeds
<b>Flexural Strength</b>	Parallel	C473 (B)	Not less than 205 N (46 lbf)	Meets or exceeds	Meets or exceeds
	Perpendicular	C473 (B)	Not less than 654 N (147 lbf)	Meets or exceeds	Meets or exceeds
<b>Humidified Deflection</b>		C473	Not greater than 15.9 mm (5/8")	Less than	Less than
<b>Nail Pull Resistance</b>		C473 (B)	Not less than 387 N (87 lbf)	Meets or exceeds	Meets or exceeds

## PRODUCT DATA

	UL Type ULX <sup>1</sup>	UL Type ULIX <sup>1</sup>
<b>Thickness</b>	15.9 mm (5/8")	15.9 mm (5/8")
<b>Lengths<sup>2</sup> and Widths</b>	1220 mm (48") — 2440 mm (8'), 2745 mm (9'), 3050 mm (10') and 3660 mm (12') long. Other sizes available by special order.	1220 mm (48") — 2440 mm (8'), 2745 mm (9'), 3050 mm (10') and 3660 mm (12') long. Other sizes available by special order.
<b>Weight<sup>3</sup></b>	9.3 kg/m <sup>2</sup> (1.93 lb./ft. <sup>2</sup> )	8.6–9.2 kg/m <sup>2</sup> (1.78–1.90 lb./ft. <sup>2</sup> )
<b>Edges</b>	Tapered	Tapered
<b>Packaging</b>	Two panels per bundle	Two panels per bundle

1. UL Type ULX panels are available in New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland. UL Type ULIX panels are available in Western Canada, Ontario and Quebec.
2. Other sizes available by special order. Check with your local CGC representative for availability.
3. Represents approximate weight for design and shipping purposes. For specific product weight in your area, contact your local CGC representative or call the Customer Service Center at 800.387.2690.

## COMPLIANCE

Manufactured to meet or exceed ASTM C1396 section 5 for 15.9 mm (5/8") gypsum wallboard, Type X and CAN/CSA-A82.27-M. UL Classified for fire resistance and surface burning characteristics and core combustibility.

UL Type Designations "ULX" and "ULIX" panels are listed for use in more than 104 fire-rated designs including:

- UL U419: 1-4 hours non-load bearing steel framed walls
- UL U423: 1 and 2 hours load bearing steel framed walls
- UL U305: 1 hour load bearing wood framed walls
- UL U301: 2 hours load bearing wood framed walls
- UL U415: 1-4 hours cavity shaftwall system
- Horizontal "Floor/Ceiling, Roof/Ceiling, Ceiling Membrane" UL Designs Nos. (Type ULIX only) G501, G503, G524, G531, G535, G536, G554, G556, G557, G558, G562, G588, H501, H505, K504, L508, L521, L545, L570, L588, L591, M517, M525, M532, P230, P515, P516, P525, P527, P532, P535, P558, P561, P562, P564, P573, P576 (Type ULX only) L559

### PRODUCT INFORMATION

See [cgccinc.com](http://cgccinc.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](http://ul.com/gg).

### WARNING

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. Product safety information: 800.387.2690 or [cgccinc.com](http://cgccinc.com).

**KEEP OUT OF REACH OF CHILDREN.**

### TRADEMARKS

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### NOTE

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### NOTICE

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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.



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