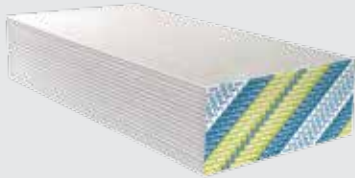




# CGC SHEETROCK® BRAND ULTRALIGHT PANELS

## DATA SHEET



### LIGHTWEIGHT, QUALITY WALL AND CEILING PANELS FOR INTERIOR APPLICATIONS

- The lightest 12.7 mm (1/2") gypsum panels available
- Easier to lift, carry and install
- Quick installation and decoration
- Clean score and snap with less dust
- Can be used on ceilings with 610 mm (24") o.c. frame spacing when water-based texture is applied
- Same high-quality as all CGC Sheetrock® Brand Gypsum Panels

#### DESCRIPTION

CGC Sheetrock® Brand UltraLight Panels are re-engineered, lightweight gypsum panels with a patented, 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 the panels are tapered, allowing joints to be reinforced and concealed with CGC/Synko® Brand joint treatment systems.

#### INTENDED FOR

- Single layer wall and ceiling applications
- New residential or commercial construction
- Repair and remodel construction

#### LIMITATIONS

1. Avoid exposure to sustained 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. Non-load bearing.
4. Maximum frame spacing is 610 mm (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, CGC recommends the following products:

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



TEST DATA

PROPERTY		ASTM TEST METHOD	ASTM C1396 SPECIFICATION 12.7 mm (1/2") GYPSUM DRYWALL	12.7 mm (1/2") CGC SHEETROCK® BRAND ULTRALIGHT PANELS
Noncombustability		E136	-	-
Surface Burning Characteristics	Flame Spread	E84 and CAN/ULC S102	15	15
	Smoke Developed	0	0	0
Hardness	Core	C-473 (B)	Not less than 49 N (11 lbf)	Meets or exceeds
	End	C-473 (B)	Not less than 49 N (11 lbf)	Meets or exceeds
	Edge	C-473 (B)	Not less than 49 N (11 lbf)	Meets or exceeds
Flexural Strength	Parallel	C-473 (B)	Not less than 160 N (36 lbf)	Meets or exceeds
	Perpendicular	C-473 (B)	Not less than 476 N (107 lbf)	Meets or exceeds
Humidified Deflection, Gypsum Drywall		C-473	Not greater than 32 mm (1 1/4")	Less than
Humidified Deflection, Gypsum Ceiling Board		C-473	Not greater than 8 mm (5/16")	Less than
Nail Pull Resistance		C-473 (B)	Not less than 343 N (77 lbf)	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
Perpendicular only	610 mm (24")	1.3 psf	Perpendicular only
Perpendicular or parallel	406 mm (16")	2.2 psf	

Installed in accordance with ASTM C840

FASTENER SPACING, SINGLE LAYER OVER WOOD FRAMING

FASTENER TYPE	LOCATION	MAXIMUM SPACING	
Nails, 32 mm (1 1/4") annular ring 5d drywall nail complying with ASTM C514	Ceilings	178 mm	7"
	Sidewalls	203 mm	8"
Screws, 32 mm (1 1/4") Type W bugle head complying with ASTM C1002	Ceilings	305 mm	12"
	Sidewalls	406 mm	16"
Screws (same as above)	RC-1 Channels, ceilings or sidewalls	305 mm	12"
Adhesive with nails or screws same as above	Ceilings, long edges perpendicular to framing members	406 mm (16") at ends, 1 fastener per framing member at edges, 1 fastener in center of panel	
	Sidewalls, long edges perpendicular to framing members	406 mm (16") at ends, 1 fastener per framing member at edges, 1 fastener in center of panel	
	Sidewalls, long edges parallel to framing members	406 mm (16") along edges, 1 fastener per framing member at ends, 1 fastener in center of panel	



**PRODUCT DATA**

<b>Dimensions</b>	<b>Regular</b>	12.7 mm (1/2") thick, 1220 mm (48") wide, 2440 mm - 3660 mm (8' - 12') long
	<b>54"</b>	12.7 mm (1/2") thick, 1370 mm (54") wide, 3660 mm (12') long
<b>Weight<sup>1</sup></b>		5.9 - 6.8 kg/m <sup>2</sup> (1.2 - 1.4 lb./ft. <sup>2</sup> )
<b>Edges</b>		Tapered
<b>Thermal Resistance "R"</b>		0.08 k x m <sup>2</sup> /W (0.45 h x ft. <sup>2</sup> °F/Btu)
<b>Thermal Coefficient of Expansion (Unrestrained): 4-38 °C (40-100 °F)</b>		16.2 x 10 <sup>-6</sup> mm/mm/°C (9.0 x 10 <sup>-6</sup> in./in./°F)
<b>Hygrometric Coefficient of Expansion (Unrestrained): 10-90% RH</b>		7.2 x 10 <sup>-6</sup> mm/mm/% RH (7.2 x 10 <sup>-6</sup> in./in./% RH)
<b>Packaging</b>		2 panels per bundle

1. Represents approximate weight for design and shipping purposes. For specific product weight in your area, contact your local CGC representative.

**COMPLIANCE**

Meets or exceeds ASTM C1396 specifications for 12.7 mm (1/2") gypsum drywall and 12.7 mm (1/2") gypsum ceiling board. Complies with the requirements of the National Building Code of Canada as both regular gypsum drywall and ceiling board.

Manufactured by:  
CGC Inc.  
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Mississauga, ON L5B 3J1

**PRODUCT INFORMATION**

See [cgcinc.com](http://cgcinc.com) for the most up-to-date product information.

**TRADEMARKS**

The trademarks CGC, SHEETROCK, BEADEX, TUFF-HIDE, SYNKO, THE CGC LOGO, and related marks are trademarks of USG Corporation or its subsidiaries or its affiliates.

**NOTE**

Products described here may not be available in all geographic markets. Consult your CGC Inc. sales office or representative for information.

**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 protective equipment. Read MSDS and literature before specification and installation.

