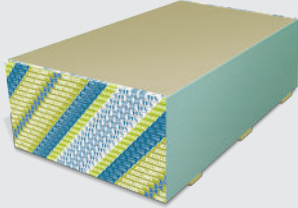




CGC SHEETROCK® BRAND ULTRALIGHT PANELS MOLD TOUGH®

DATA SHEET



DESCRIPTION

LIGHTWEIGHT, QUALITY WALL AND CEILING PANELS WITH WATER AND MOULD RESISTANCE

- The lightest 12.7 mm (1/2") water and mould-resistant gypsum panel on the market
- Easier to lift, carry and install
- Noncombustible, water and mould-resistant gypsum core encased in water and mould-resistant paper
- Scores and snaps, installs and finishes just like standard drywall

INTENDED FOR

CGC Sheetrock® Brand UltraLight Panels Mold Tough® are re-engineered, lightweight gypsum panels with a high strength-to-weight ratio composite design. The noncombustible, water and mould-resistant core is encased in 100% recycled water and mould-resistant green face and brown back papers. The green 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® Brand joint treatment systems.

- Areas where water and mould resistance is desired
- Non fire-rated single-layer wall and ceiling applications
- New residential construction
- Repair and remodel construction
- Wood or steel framing
- Can be used for a tile substrate in dry locations or areas with limited water exposure. This panel also qualifies as a water-resistant backing board for ceramic tile in residential tub and shower enclosures as permitted in the National Building Code of Canada 9.29.10.4

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 for walls and ceilings 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. Please see GA-216, ASTM C840 and CAN/CSA-A.82.31 for handling and installation guidelines including minimum 6.4 mm (1/4") gap from floor.
6. Not suitable for use as a substrate for tile in commercial or institutional wet areas such as tubs and showers, gang showers, and other areas subject to direct water exposure. Not to be installed in areas exposed to continuous high humidity such as indoor pools or spaces subject to open or standing water. Please consult with the adhesive and tile manufacturers for their recommendations for maximum size and weight parameters for use with gypsum drywall.
7. Use as a tile substrate is limited to tile installed according to the most current TTMAC, TCNA and ANSI specifications. Please consult with the adhesive and tile manufacturers for their recommendations for maximum size and weight parameters for use with gypsum board.
8. If panels are to be tiled, they should not be installed over a vapour barrier.
9. Application of CGC Sheetrock® UltraLight Mold Tough gypsum panels over insulating blanket, installed continuously across the framing members is not recommended. Blankets should be recessed and blanket flanges attached to sides of studs or joists.
10. For protected exterior ceiling and soffit applications, the panels must be protected from direct exposure to weather. Please refer to the *CGC Gypsum Construction Handbook* for installation recommendations.

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.





PRODUCT DATA

Dimensions¹	12.7 mm (1/2") thick, 1220 mm (4') wide, 2440 mm - 3660 mm (8' - 12') long
Weight²	6.6 kg/m ² (1.35 lb./ft. ²)
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 the Customer Service Center at 1-800-387-2690.

TEST DATA WATER AND MOULD RESISTANCE

- Per ASTM C473, the average water absorption for panels is not greater than 5% by weight after 2 hour immersion.
- CGC Sheetrock® Brand UltraLight Panels Mold Tough® have improved water and mould resistance over standard gypsum panels.
- Given unsuitable project conditions during storage, installation or after completion, any building material can be overwhelmed by mould. To manage the growth of mould, the best and most cost-effective strategy is to protect building products from water exposure during storage and installation and after completion of the building. This can be accomplished by using good design and construction practices.

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, ceilings or sidewalls	305 mm	12"

Adhesive with nails or screws same as above	Ceilings, long edges perpendicular to framing members	406 mm or 16" at ends, 1 fastener per framing member at edges, 1 fastener in centre of panel	
	Sidewalls, long edges perpendicular to framing members	406 mm or 16" at ends, 1 fastener per framing member at edges, 1 fastener in centre of panel	
	Sidewalls, long edges parallel to framing members	406 mm or 16" along edges, 1 fastener per framing member at ends, 1 fastener in centre of panel	

COMPLIANCE

- CGC Sheetrock® UltraLight Panels Mold Tough comply with ASTM C1396
- Per CAN/ULC S114 and ASTM E136, noncombustible gypsum core
- Per CAN/ULC S102 and ASTM E84, flame spread is 15; smoke developed is 0
- Low VOC Emissions Classification, CHPS compliant

PRODUCT INFORMATION

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

NOTE

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

TRADEMARKS

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

NOTICE

We shall not be liable for incidental and consequential damages, directly or indirectly sus-

tained, 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.

