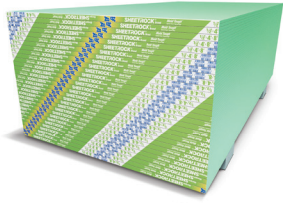


# Sheetrock® Gypsum Panels



## Mold Tough™ Regular and Firecode® Core

### Quality interior wall and ceiling panels with moisture and mould resistance

- Score and snap easily; no special handling required
- cUL Classified and ULC Listed for surface burning characteristics.
- Install and finish as easily as standard drywall

### Description

SHEETROCK® brand MOLD TOUGH™ gypsum panels have a noncombustible, moisture - and mould-resistant gypsum core that is encased in moisture - and mould-resistant, 100 percent recycled green face and brown back papers. The panels feature tapered long edges for easy finishing. The 15.9 mm (5/8") FIRECODE® CORE panels are cUL Classified and ULC Listed for fire resistance (Type X). Regular Core 12.7 mm (1/2") panels recommended for single-layer application in residential construction. FIRECODE Core 15.9 mm (5/8") Type X Gypsum panels provide additional fire resistance over regular panels.

### 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.

### 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
- SHEETROCK® First Coat primer
- SHEETROCK® /Beadex paper faced metal bead and trim
- SHEETROCK® TUFF-HIDE™ primer-surfacer

Painting products and systems should be used which comply with recommendations and requirements in Appendixes of ASTM C840. For priming and decorating with paint, texture or wall covering, follow manufacturer's directions for materials used.

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 and 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 TUFF HIDE™ primer-surfacer.

### Product Data

**Size:** Panels are 12.7 mm (1/2") or 15.9 mm (5/8") thick x 1220 mm (4') wide and available in 2440–3660 mm (8'–12') lengths.

**Weight:** 12.7 mm (1/2") – 7.8 kg/m<sup>2</sup> (1.6 lbs/ft<sup>2</sup>) 15.9 mm (5/8") – 10.7 kg/m<sup>2</sup> (2.2 lbs/ft<sup>2</sup>)

**Labeling:** Each 15.9 mm (5/8") FIRECODE core panel is stamped with an Underwriters Laboratories of Canada and Underwriters Laboratories Inc. labels documenting ULC and cUL classifications for fire resistance and surface burning characteristics. The panels also have an identification label with the following language: Sheetrock Mold Tough Gypsum Panel. A component of CGC Fire Rated Systems

**Test Data****Moisture and Mould Resistance**

Per ASTM C473, the average water absorption for panels is not greater than 5 percent by weight after two-hour immersion.

Qualifies as a Water Resistant Gypsum Backing Board as defined in ASTM C1396.

SHEETROCK MOLD TOUGH gypsum panels have improved moisture and mould resistance over standard gypsum panels by treating the core and surface, independent lab tests were conducted at the time of manufacture per ASTM D3273, "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber." The panel score was 10.

This ASTM lab test may not accurately represent the mould performance of building materials in actual use. 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.

**Maximum Frame Spacing Drywall Construction**

Direct Application	Panel Thickness <sup>a</sup>		Location	Application Method <sup>b</sup>	Max. Frame Spacing o.c.	
	in.	mm			in.	mm
Single-Layer	1/2	12.7	ceilings	perpendicular	24 <sup>d</sup>	610
				parallel <sup>c</sup>	16	406
	5/8	15.9	sidewalls	parallel or perpendicular	24	610
				parallel <sup>c</sup>	16	406
Double-Layer	1/2 and 5/8	12.7 and 15.9	ceilings	perpendicular or parallel	24 <sup>e</sup>	610
			sidewalls	perpendicular	24 <sup>e</sup>	610

(a) 15.9 mm (5/8") thickness is recommended for the finest single-layer construction, providing increased resistance to fire and transmission of sound; 12.7 mm (1/2") for single-layer application in new residential construction and remodeling. (b) Long edge position relative to framing. (c) Not recommended if water-based texturing material is to be applied. (d) Max. spacing 406 mm (16") if water-based texturing material is to be applied. (e) Max spacing 406 mm (16") o.c. if fire rating required.

**Compliance**

SHEETROCK MOLD TOUGH gypsum panels comply with ASTM C1396. CAN/ULC S102, flame spread is 15; smoke developed is 0.

**Product Information**

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

**Note**

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

**Trademarks**

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FIRECODE, MOLD TOUGH, SHEETROCK, TUFF HIDE.

**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.

