



CGC SHEETROCK® BRAND PANELS FIRECODE® X AND FIRECODE® C

DATA SHEET



QUALITY INTERIOR WALL AND CEILING PANELS AT LOW COST

- Fire-resistant dry construction
- Quick installation and decoration
- Score and snap easily
- Resist cracking and warping
- Specialized types for all systems
- ULC Listed and cUL Classified for fire resistance and surface burning characteristics

DESCRIPTION

CGC Sheetrock® Brand Panels are factory fabricated, composed of a fire-resistant gypsum core encased in heavy natural finish face paper and strong liner paper on the back side. The face paper is folded around the long edges to reinforce and protect the core. The ends are square cut and finished smooth. Long edges of panels are tapered, allowing joints to be reinforced and concealed with a CGC/Synko® Brand joint treatment system. CGC Sheetrock® Brand Panels Firecode® are available with two core types for standard construction uses.

FIRECODE X

15.9 mm (5/8") Panels: Provides additional fire resistance over regular panels. Meets ASTM and CSA definition for Type X gypsum board.

FIRECODE C

12.7 mm (1/2") and 15.9 mm (5/8") Panels: Specially formulated mineral core exceeds ASTM and CSA definition for Type X gypsum board.

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. Fire resistance ratings achieved when assembled in accordance with ULC and cUL designs.

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

Dimensions	12.7 mm (1/2") thick, 1220 mm (48") wide, 2440 mm – 3660 mm (8' – 12') long 15.9 mm (5/8") thick, 1220 mm (48") wide, 2440 mm – 3660 mm (8' – 12') long
Weight	12.7 mm (1/2") – 9.3 kg/m ² (1.9 lb./ft. ²) 15.9 mm (5/8") – 10.6 to 11.8 kg/m ² (2.2 to 2.5 lb./ft. ²)
Thermal Resistance "R"	For 12.7 mm (1/2") thick: 0.08 k x m ² /W (0.45 h x ft. ² °F/Btu) For 15.9 mm (5/8") thick: 0.10 k x m ² /W (0.56 h x ft. ² °F/Btu)
Thermal Coefficient of Expansion (Unrestrained): 4-38 °C (40-100 °F)	16.2 x 10 ⁻⁶ mm/mm/°C (9.0 x 10 ⁻⁶ in./in./°F)
Hygrometric Coefficient of Expansion (Unrestrained): 5-90% RH	7.2 x 10 ⁻⁶ mm/mm/% RH (7.2 x 10 ⁻⁶ in./in./% RH)
Packaging	2 panels per bundle

COMPLIANCE

Meets ASTM C1396 and CAN/CSA-A82.27-M.
Surface Burning Characteristics: CAN/ULC S102, flame spread 15; smoke developed 0.

PRODUCT INFORMATION

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

TRADEMARKS

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NOTE

Products described here may not be available in all geographic markets. Consult your CGC 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.

