

CertainTeed

ProRoc[®] BRAND

Type C Gypsum Board

Data Sheet

For interior wall and ceiling applications where premium fire resistance ratings are required.

ProRoc[®] Type C contains a specially formulated gypsum core that meets all the ASTM and CSA requirements of a Type X wallboard. Ingredients added to the core provide improved fire performance over Type X products. All Type C products are manufactured with 100% recycled paper that can be finished, painted, textured or wallpapered using regular gypsum board techniques.

Listed by Underwriters' Laboratories of Canada (ULC), Underwriters' Laboratories Inc. (UL) and Warnock Hersey/ITS, ProRoc[®] Type C economically attains fire resistance ratings for a wide range of construction assemblies.

USING PROROC[®] TYPE C IN TYPE X RATED ASSEMBLIES

Due to its enhanced fire performance, ProRoc[®] Type C products may be substituted in a lessor thickness for Type X products in some fire-resistance rated assemblies. ProRoc[®] Type C products can be substituted in an equivalent thickness in any fire-resistance rated assembly calling for Type X.

For further information regarding fire resistance ratings, STCs, and assembly details for building systems, consult the Gypsum Board Systems Manual. Generic fire resistance and STC ratings for common building systems are referenced in Part 9 of the NBCC and provincial codes. The Gypsum Association's (GA) Fire Resistance Design Manual, GA-600, contains fire resistance and STC ratings for proprietary systems and generic assemblies.

The Gypsum Board Systems Manual and MSDS information are available on our web site, www.certainteed.com

PRODUCT DATA

THICKNESS

12.7mm (1/2") ProRoc[®] Type C
15.9mm (5/8") ProRoc[®] Type C

LENGTH

Contact the nearest Sales Office for stocked lengths available.

WIDTH

1220mm (4')

WEIGHT (APPROX.)

12.7mm (1/2") – 9.1 kg/m² (1.86 lb/ft²)
15.9mm (5/8") – 11.3 kg/m² (2.31 lb/ft²)

CORE

ProRoc[®] Type C – gypsum (noncombustible) with proprietary formulation for enhanced fire resistance performance.

EDGE

Tapered, paper bound – factory finished

END

Square – factory cut

PRODUCT STANDARDS

- CAN/CSA-A82.27 Gypsum Board
- ASTM C 1396 Gypsum Board
- ASTM C 36 Gypsum Wallboard

Note: Including the requirement for Type X designation.

SURFACE BURNING CHARACTERISTICS

- Flame Spread Rating 15
- Smoke Developed Classification 0

Flame Spread Rating and Smoke Developed Classification tested in conformance with CAN/ULC-S102 / ASTM E 84.

APPLICATION STANDARDS

- CAN/CSA-A82.31 Gypsum Board Application
- ASTM C 840 Application and Finishing of Gypsum Board
- GA-216 Application and Finishing of Gypsum Board
- National Building Code of Canada (NBCC)

Fire resistance rated assemblies using any ProRoc[®] Type C products must be constructed in accordance with the details as shown in the latest edition of the respective laboratory listings.

FINISHING STANDARDS

- GA-214 Levels of Gypsum Board Finish

LIMITATIONS

- Where ProRoc[®] Type C is specified to attain a fire resistance rating, ProRoc[®] Type X of equivalent thickness cannot be substituted.
- Maximum framing spacing as per the National Building Code of Canada (NBCC), recommended application standards and design listings.
- Not recommended for continuous exposure to temperatures exceeding 52°C (125°F).
- All materials should be kept dry.
- All materials should be stored indoors.
- Not recommended for exterior application.
- All materials should be neatly stacked flat on a level platform.

Distributed by:

CertainTeed

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