

# ProRoc Type C

gypsum board



## Product Description

**ProRoc Type C** gypsum board is an interior gypsum product consisting of a solid set, fire resistive, Type C gypsum core enclosed in pink-colored face paper and grey back paper. ProRoc Type C gypsum board features a specially formulated core providing fire resistance rating when used in tested assemblies. Long edges are slightly tapered, allowing joints to be reinforced and concealed with joint tape and Jointing plaster. ProRoc Type C gypsum board is available in a variety of lengths and widths.

## Product Data

ProRoc Type C gypsum board is available in a variety of lengths and widths.

- Thickness:** 1/2" (12.7 mm) and 5/8" (15.9 mm)
- Nominal Sizes:** 4' X 8' (1220x2440mm)
- Edge Type:** RE (recessed edge)
- Packaging:** 2 pieces per bundle, face-to-face and Gyproc end taped.

\*Special sizes may be available on special order, please contact customer service.

## Basic Uses

ProRoc Type C gypsum board is designed for use on interior walls and ceilings in residential and commercial applications which require extended fire ratings. It can be used for new construction or renovations over wood or steel framing. It is typically nailed or screwed to framing spaced 16" (400mm) or 24" (610mm), and can be applied by laminating or with the use of an adhesive.

## Advantages

- UL/cUL/ULC fire rated assemblies up to four hours.
- Consistently high quality.
- Uniformly flat, attractive appearance, no shadows.
- High edge hardness.
- No wavy edges, warps, bows or deformities.
- Uniform high-strength cores eliminate crumbling, cracking.
- Edge tapers consistent to form perfect joints.
- Excellent thermal barrier and sound attenuation qualities.

## Limitations

- Exposure to continuous moisture or extreme temperatures should be avoided. Not recommended for continuous exposure to temperatures exceeding 52°C (125°F).
- Framing spacing should not exceed 24" (610mm) o.c.
- Should be stored indoors and on a level ground surface.
- Boards should be stacked flat with care taken to prevent sagging or damage to edge, ends and surfaces.
- Storing board lengthwise leaning against the framing is not recommended.
- Board should be carried, not dragged, to place of installation to prevent damaging finished edges.
- Cutting and scoring should be done from the face side.
- In cold weather or during joint finishing, temperatures within the enclosure should stay within the range of 10 °C to 35°C (50°F to 95°F) and with sufficient ventilation to eliminate excess moisture.
- ProRoc Type C product can be substituted in an equivalent thickness in any fire-resistance rated or acoustic assembly specifying Type X.
- Where ProRoc Type C product is specified to attain a fire resistance rating, Type X of equivalent thickness cannot be substituted.

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_ Date \_\_\_\_\_

Products Specified: \_\_\_\_\_

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## Technical Data

### Surface Burning Characteristics

ProRoc Type C gypsum board has a Flame Spread rating of 15 and Smoke Developed rating of 0, in accordance with ASTM E 84, (UL 723, NFPA 255).

### Fire Resistance

Fire resistance tests are conducted in accordance with ASTM E 119, (ANSI/UL263, NFPA 251, CAN/ULC-S101) and no warranty is made other than conformance to the standard under which the assembly was tested. Minor discrepancies may exist in the values of ratings, attributable to changes in materials and standards, as well as differences between testing facilities. Assemblies are listed as “combustible” (wood framing) and “noncombustible” (concrete and/or steel construction).

For fire resistance rating, refer to the UL Fire Resistance Directory – Vol.1 or ULC Fire Resistance List of Equipment and Materials and Gypsum Association Fire Resistance Design Manual.

UL / cUL/ ULC Type Designation listed in Fire Resistance Directories – Type C.

ProRoc Type C gypsum board meets and exceeds the Type X requirements of ASTM C 1396 and CAN/CSA-A82.27.

### Applicable Standard and References

- ASTM C 1396
- ASTM C 840
- CAN/CSA-A82.31

- Gypsum Association GA-216
- Gypsum Association GA-214
- ICC International Building Code (IBC)
- National Building Code of Canada (NBCC)
- Meets and exceeds Type X requirements
- Singapore Green Label for GYPROC-FIRESTOP PLASTERBOARD G-30 041-024-1204 “Made from Recycled Material”

### Installation

#### Recommendation

Installation of ProRoc Type C gypsum board should be consistent with methods described in the standards and references noted. Cutting should be from the face side of boards for best results.

### Decoration

ProRoc Type C gypsum board accepts most types of paints, texture and wall covering materials. The surface shall be primed and sealed with full-bodied latex primer before applying a final decorative material. This will equalize the suction between the joint compounds and the paper surface.

For best painting results, all surfaces, including joint compound, should be clean, dust-free and not glossy. If glossy paints are used, a thin skim coat of compound over the entire surface, Level 5 finish, is recommended to reduce highlighting or joint photographing. This method is also recommended for areas of critical side-lighting of natural or artificial light sources.

A sealer application under wallpaper or other wall covering is also recommended so the board surface will not be damaged if the covering is subsequently removed during redecorating. Joint treatment must be thoroughly dry before proceeding with primer-sealer application and final decoration.

### Notice

The information in this document is subject to change without notice. Gyproc® assumes no responsibility for any errors that may inadvertently appear in this document.



Thai Gypsum Products Pcl.  
Gypsum Metropolitan Tower  
539/2 Si Ayutthaya Road,  
Thanon Phayathai, Ratchathewi,  
Bangkok 10400 Thailand  
Tel: +66(2) 700-9300

Technical Support  
Tel: +66(2) 700-9333  
E-mail : [tboc.gyprocthailand@saint-gobain.com](mailto:tboc.gyprocthailand@saint-gobain.com)

Customer Service Centre  
Tel: +66(2) 700-9444  
Fax: +66(2) 700-9445  
E-mail : [csc.tgp@saint-gobain.com](mailto:csc.tgp@saint-gobain.com)