

CertainTeed

ProRoc[®]
BRAND

Abuse Resistant Gypsum Board

Data Sheet

For interior wall or ceiling applications where improved impact and/or indentation resistance is required.

ProRoc[®] Abuse Resistant products are composed of a dense gypsum core, reinforced by glass fibre, bound in 100% recycled paper. This combination affords greater resistance to abuse and sound transmission in high traffic areas than does regular gypsum board. Joint finishing is accomplished by using normal drywall finishing techniques according to GA-214 Levels of Gypsum Board Finish. Once primed, walls may be painted, wallpapered or textured for the desired look.

CertainTeed incorporates ASTM testing methods to measure impact and indentation resistance.

Abuse Resistance (Typical Values) Table 1

Indentation Resistance – ASTM D 1037

Value given is the load at 2.54 mm (0.100 inch) indentation

12.7mm (1/2")	45N	(200lb)
15.9mm (5/8")	45N	(200lb)

Impact Resistance – ASTM E 695

Value given is drop height 22.7 kg (50lb) bag at failure

12.7mm (1/2")	686mm	(27 in.)
15.9mm (5/8")	838mm	(33 in.)

FOR USE IN ABUSE PRONE AREAS

Engineered for use in areas requiring high impact and indentation resistance; corridors, schools, hospitals, and public buildings.

ProRoc[®] Abuse Resistant exceeds CSA and ASTM fire resistance performance requirements for Type X gypsum board. It is suitable for use in designs listed by Underwriters' Laboratories of Canada (ULC) and Underwriters' Laboratories (UL) as follows:

- 12.7mm (1/2") ProRoc[®] Abuse Resistant for all 12.7mm (1/2") Type C ULC and UL designs.
- 15.9mm (5/8") ProRoc[®] Abuse Resistant for all 15.9mm (5/8") Type X ULC and UL designs.

For premium STC (Sound Transmission Classification) ratings Abuse Resistant Boards can be used in place of Type X specified products.

For further information regarding specified handling, storage, and application methods, consult the relevant CSA and ASTM application standards and Gypsum Association (GA) literature. The Gypsum Board Systems Manual contains construction details, fire resistance ratings and sound transmission classification (STC) ratings for the full range of building systems. The Gypsum Board Systems Manual and MSDS information are available on our website, www.certainteed.com.

PRODUCT DATA

THICKNESS

12.7mm (1/2") ProRoc[®] Abuse Resistant (Type C)

15.9mm (5/8") ProRoc[®] Abuse Resistant (Type X)

LENGTH

Contact the nearest Sales Office for stocked lengths available.

WIDTH

1220mm (4')

WEIGHT (APPROX.)

12.7mm (1/2") – 10 kg/m² (2.1 lb/ft²)

15.9 mm (5/8") – 13 kg/m² (2.6 lb/ft²)

CORE

Dense gypsum core (non-combustible) with high strength glass fibre reinforcement.

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 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 15.9mm (5/8") ProRoc[®] Type C is specified to attain a fire resistance rating, 15.9mm (5/8") Abuse Resistant cannot be substituted.
- Maximum framing spacing as per the National Building Code of Canada (NBCC), recommended application standards and design listings.
- Recommended for use with 20 gauge steel studs.
- Not recommended for exterior application.
- Not recommended for continuous exposure to temperatures exceeding 52°C (125°F).
- All materials should be kept dry.
- All materials should be stored indoors.
- All materials should be neatly stacked flat on a level platform.

Distributed by:

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