

CertainTeed
ProRoc[®] BRAND
Abuse Resistant Gypsum Board
Abuse Resistant Type X Gypsum Board

Product Data and Submittal

Product Description

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

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.

Sizes and Types

Thicknesses: 1/2" (12.7 mm),
5/8" (15.9mm) Type X
Widths: 4' (1220 mm)
Lengths: 8' to 12'
Edges: Tapered, paper bound – factory finished
End: Square – factory cut
Core: Dense gypsum core (non-combustible) with high strength glass fiber reinforcement.

Approximate Weight:
1/2" (12.7mm) – 2.1 lb/ft² (10 kg/m²);
5/8" (15.9 mm) – 2.6 lb/ft² (13 kg/m²)

For Use In Abuse Prone Areas

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

Abuse Resistant exceeds ASTM fire resistance performance requirements (ASTM E 119) for Type X gypsum board. It is suitable for use in designs listed by Underwriters Laboratories Inc. (UL) for product as follows:

- 1/2" (12.7 mm) Abuse Resistant for all 1/2" (12.7 mm) Type C UL designs.
- 5/8" (15.9 mm) Abuse Resistant for all 5/8" (15.9 mm) Type X 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 ASTM application standards and Gypsum Association (GA)

literature. Construction details, fire resistance ratings, sound transmission classification (STC) ratings and MSDS information are available on our website, www.certainteed.com.

Product Standards

- ASTM C 1396 Gypsum Board
- ASTM C 36 Gypsum Wallboard

Note: Including the requirement for Type X designation

Limitations

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

(Continued on back)

Job Name

Contractor

Date

Products Specified:

Submittal Approvals
(Stamps or Signatures)

Technical Data

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

- ASTM C 840 Application and Finishing of Gypsum Board
- GA-216 Application and Finishing of Gypsum Board
- ICC International Building Codes

Fire resistance rated assemblies using any 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

Abuse Resistance (Typical Values) Table 1

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

Indentation Resistance – ASTM D 1037

	Load at 0.100 inch (2.54 mm) indentation
1/2" (12.7 mm)	200 lbf (45 N)
5/8" (15.9 mm)	200 lbf (45 N)

Soft Body Impact Test – ASTM C 1629 (E 695)

	Impact Energy
1/2" (12.7 mm)	150.0 ft-lbf (203.4 J)
5/8" (15.9 mm)	210.0 ft-lbf (284.8 J)

Hard Body Impact Test – ASTM C 1629

	Impact Energy
1/2" (12.7 mm)	55.0 ft-lbf (74.6 J)
5/8" (15.9 mm)	60.0 ft-lbf (81.4 J)

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