

CertainTeed

Abuse Resistant

Gypsum Board

Product Data and Submittal

Product Description

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

CertainTeed 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.

For use in Abuse Prone Areas

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

CertainTeed 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:

- 12.7 mm (1/2") CertainTeed Abuse Resistant for all 12.7 mm (1/2") Type C ULC and UL designs. (Canada Only)
- 15.9 mm (5/8") CertainTeed Abuse Resistant for all 15.9 mm (5/8") Type X ULC and UL designs.
- GREENGUARD Gold Certified

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:

12.7 mm (1/2") CertainTeed Abuse Resistant (Type C) (Canada Only)

15.9 mm (5/8") CertainTeed Abuse Resistant (Type X)

Length: Contact the nearest Sales Office for stocked lengths available.

Width: 1220 mm (4')

Weight (Approx.):

12.7 mm (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 C1396 Gypsum Board

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 E84

Application Standards

- CAN/CSA-A82.31 Gypsum Board Application
- ASTM C840 Application and Finishing of Gypsum Board

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Job Name

Contractor

Date

Products Specified:

Submittal Approvals
(Stamps or Signatures)

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SAINT-GOBAIN

- 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 15.9 mm (5/8") CertainTeed Type C is specified to attain a fire resistance rating, 15.9 mm (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.
- To maximize impact resistance and eliminate potential screw spin-out, a minimum .7925 mm (.0312 in. design thickness) steel stud is required.
- 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.

Notice

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

Abuse Resistance (Typical Values) Table 1

ASTM C1629 Classifications	Surface Abrasion	Indentation Resistance	Soft Body Impact	Hard Body Impact
ASTM Test Method	D4977	D5420	E695	C1629, A.1
CertainTeed 1/2" Abuse Board	Level 2	Level 1	Level 1	
CertainTeed 5/8" Abuse Board	Level 2	Level 1	Level 2	Level 1



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