

EXTREME IMPACT

Impact Resistant Gypsum Board

Product Data and Submittal

Product Description

Extreme Impact Resistant Gypsum Board with M2Tech® is for use in interior wall and ceiling applications that require high impact durability and enhanced moisture and mold resistance. Extreme Impact contains fiberglass mesh reinforcement within a specially formulated, dense, fire resistive, noncombustible, core enclosed in a 100% recycled moisture and mold resistant face and back paper. This combination also affords greater resistance to abuse and sound transmission in high traffic areas than does standard gypsum board. The Extreme Impact Resistant Gypsum Board is also made with proprietary M2Tech® paper which improves indoor air quality by providing enhanced moisture and mold resistance. 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.

Basic Uses

Extreme Impact is used for interior walls and ceilings in residential, commercial or institutional applications where improved surface abrasion, indentation and impact resistance is required. It can be used for new construction or renovations over wood or steel framing.

For Use In Impact Prone Areas

Extreme Impact provides the highest

level of protection for impact and abuse areas in high traffic applications such as hospital corridors, gymnasiums, utility rooms, airport terminals and public buildings. It contains a specially designed fiberglass reinforcement to provide superior resistance to impact and penetrations.

Advantages

- Achieves highest level of classification for soft and hard body impacts.
- Greater resistance to abuse and impact than standard gypsum board.
- Lightweight, fast installation with smaller footprint versus concrete masonry units.
- Easier to cut versus ASTM C1278 fiber-reinforced gypsum products.
- M2Tech paper provides additional zone of protection against mold growth.
- Achieves best possible score of 10 for mold resistance per ASTM D3273.
- Handles like standard gypsum board
- Type X fire-resistant gypsum core.
- GREENGUARD Gold Certified
- Improved sound attenuation over standard gypsum board

Product Data

Thickness: 5/8" (15.9 mm) Type X

Width: 4' (1220 mm)

Lengths: 8', 10', 12' Standard
(2440, 3050, 3660 mm)

Weight: 2.8 lbs per SF (13.7 kg/m²)

Edges: Tapered

Packaging: Two pieces per bundle, face-to-face

Technical Data

Surface Burning Characteristics

Extreme Impact has a Flame Spread rating of 15 and Smoke Developed rating of 0 when tested in accordance with ASTM E84, (UL 723) and a Flame Spread rating of 0 and Smoke Developed rating of 0 when tested in accordance with CAN/ULC-S102.

Fire Resistance

Extreme Impact Resistant Gypsum Board is UL Classified and ULC Listed for Fire Resistance in accordance with ASTM E119 (UL 263, CAN/ULC-S101) and may be substituted for CertainTeed Type X Gypsum Board in UL/ULC fire-rated designs.

UL/ULC Type Designation

Type X-1

Applicable Standards and References

- Manufactured to meet ASTM C1396
- ASTM C840; C1629
- CAN/CSA-A82.27
- Gypsum Association GA-216
- Gypsum Association GA-214
- International Building Code (IBC)
- International Residential Code (IRC)
- National Building Code of Canada (NBCC)

Continued on back

Job Name

Contractor

Date

Products Specified:

Submittal Approvals
(Stamps or Signatures)

Installation

Limitations

- Where 5/8" (15.9 mm) Type C is specified to attain a fire resistance rating, Extreme Impact cannot be substituted.
- Maximum framing spacing as per the International Building Codes and National Building Code of Canada recommended application standards and design listings.
- To reduce potential installation issues such as screw spin-out on lighter gauge studs, minimum of 20 gauge studs (0.0312 in. [0.792 mm] design thickness) are recommended.
- Avoid exposure to water or excessive moisture during transportation, storage, handling, during or after installation. Good design and construction practices that prevent water and moisture exposure of building products are the most effective strategy to avoid the growth of mold.
- Not recommended for exterior application.
- Extreme Impact is not recommended for areas which will be continuously wet or subjected to high humidity such as tub and shower enclosures behind tile, saunas, steam rooms or public showers.
- Not recommended for continuous exposure to temperatures exceeding 125°F (52°C).
- Store indoors and off ground surface. Boards should be stacked flat with care taken to prevent sagging or damage to edges, ends and surfaces.

- Storing board lengthwise leaning against the framing is not recommended.
- Boards 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 50° to 95°F (10° to 35°C) and with sufficient ventilation to carry off excess moisture.

Decoration

CertainTeed Extreme Impact accepts water based acrylic (latex) and epoxy paints, primers, textures and breathable wallpapers. The surface shall be primed and sealed with a 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 Level 5 finish, is recommended to reduce highlighting or joint photographing. This method is also recommended for areas of critical sidelighting of natural or artificial light sources.

A water based primer/sealer application under breathable 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.

BIM/CAD Information

The BIM and CAD UL fire rated assemblies and sound assemblies can be found on CertainTeed's BIM and CAD Design Studio at certainteed.concora.com. CertainTeed's BIM and CAD Design Studio provides BIM and CAD details to many UL fire rated assemblies and sound assemblies in easy to view experience. Plus, downloadable Revit and DWG and PDF CAD Details are available.

Sustainability

Sustainable documentation, including recycled content, EPD's, HPD's, VOC Certifications, can be found at certainteed.ecomedes.com.

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.

For Fire Resistance, no warranty is made other than conformance to the standard under the assembly. Minor discrepancies may exist in the values of ratings, attributable to changes in materials and standards, as well as differences between the testing facilities. Assemblies are listed as "combustible" (wood framing) and "noncombustible" (concrete and/or steel construction).

Abuse Resistance Classification Levels

ASTM C1629	Surface Abrasion	Indentation Resistance	Soft Body Impact	Hard Body Impact
ASTM Test Method	C1629	C1629	C1629	C1629
Classification Level	3*	1	3	3

*Results are reflective of samples prepared with 1 coat primer and 1 coat semi-glass latex paint



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