

CertainTeed

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, moisture resistant core enclosed in a 100% recycled moisture and mold resistant face and back paper. This combination 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® technology 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® technology provides additional zone of protection against moisture and mold.
- Achieves best possible score of 10 for mold resistance per ASTM D3273***.
- Achieves best possible score of 0 for mold resistance per ASTM G21***.
- Handles like standard gypsum board
- Low water absorption—less than 5% per ASTM C473.
- Type X fire-resistant gypsum core.
- GREENGUARD GOLD Certified
- Improved sound attenuation over standard gypsum board

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 ICC International Building Codes and National Building Code of Canada recommended application standards and design listings.

- To achieve the product's designed abuse ratings and to eliminate 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) must be used.
- 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.

Continued on back

Job Name

Contractor

Date

Products Specified:

Submittal Approvals
(Stamps or Signatures)

CertainTeed
SAINT-GOBAIN

Product Data

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

Widths: 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, NFPA 255) and a Flame Spread rating of 5 and Smoke Developed rating of 5 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, NFPA 251, CAN/ULC-S101) and may be substituted for CertainTeed and M2Tech® Type X Gypsum Board in UL/ULC fire-rated designs.

UL/ULC Type Designation: Type X

Applicable Standards and References

- ASTM C840; C1396; C1629
- CAN/CSA-A82.27; A82.31
- Gypsum Association GA-216
- Gypsum Association GA-214
- ICC International Building Code (IBC)
- ICC International Residential Code (IRC)
- National Building Code of Canada (NBCC)

Installation

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 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 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.

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 Classification Levels

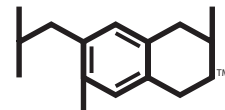
ASTM C1629	Surface Abrasion	Indentation Resistance	Soft Body Impact	Hard Body Impact
ASTM Test Method	D4977	D5420	E695	C1629, A.1
Classification Level	3	1	3	3



CertainTeed Corporation

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • GYPSUM • CEILINGS • INSULATION

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Health Product
DECLARATION

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