CertainTeed

M2TECH®

Regular and Type X Gypsum Board

Product Description

M2Tech® gypsum boards are moisture and mold resistant and are designed for use on interior walls and ceilings; specially engineered to provide enhanced moisture and mold resistance. They have a specially formulated moisture resistant core and are enclosed in a 100% recycled moisture and mold resistant light violet colored face paper. M2Tech Gypsum Boards may be finished, painted textured or wallpapered using regular gypsum board techniques.

Basic Uses

M2Tech Gypsum Board is used for interior walls and ceilings in standard residential, commercial or institutional applications. It can be used for new construction or renovations over wood or steel framing. It is typically nailed or screwed to studs spaced 16" (400 mm) or 24" (610 mm) o.c., but can be applied by laminating or with the use of an adhesive. M2Tech Type X Gypsum Board is used for the above mentioned applications requiring fire ratings.

Advantages

- Fire resistance ratings up to four hours (Type X)
- M2Tech technology provides additional zone of protection against moisture and mold
- Achieves best possible score of 10 for mold resistance per ASTM D3273*
- GREENGUARD® Gold Certified

- Less than 5% water absorption by weight after 2-hour immersion, as per ASTM C473 test method
- Uniformly flat, attractive appearance
- High edge hardness
- No wavy edges, warps, bows or deformities
- Uniform high-strength cores eliminate crumbling, cracking
- Edge tapers consistent to form perfect joints
- Excellent thermal barrier and sound attenuation qualities

Product data

Thickness: 1/2" (12.7 mm) Regular 5/8" (15.9 mm) Type X

Width: 4' (1220 mm) standard

Length: 8', 10', 12' standard (2440 mm, 3050 mm, 3660 mm)

Custom lengths may be available on special order. Consult your CertainTeed sales representative.

Weights:
1/2" Regular - 1.6 psf (7.8 kg/m²)
5/8" Type X - 2.2 psf (10.7 kg/m²)

Edge: Tapered

Technical Data

Composition and Materials

Manufactured panel with gypsum core, encased in paper. Various additives are added to the core to enhance moisture and fire resistive qualities.

Surface Burning Characteristics

CertainTeed Moisture and Mold Resistant gypsum board has a Flame Spread ratings of 15 and Smoke Developed ratings of 0 when tested in accordance with ASTM E84, (UL 723, CAN/ULC-S102). ULC 0/0.

Fire Resistance

Fire resistance tests are conducted in accordance with ASTM E119, (ANSI/UL263, CAN/ULC-S101).

For fire resistance ratings, refer to the Gypsum Association Fire Resistance Design Manual and UL Fire Resistance Directory or ULC Fire Resistance List of Equipment and Materials.

UL / cUL / ULC Designation

Type X, Type X-1

Applicable Standards and References

- Manufactured to meet ASTM C1396
- ASTM C840
- 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)

Installation

Limitations

- Avoid exposure to water or excessive moisture during transportation, storage, handling, during or after

Job Name

Contractor

Date

Products Specified:

Submittal Approvals
(Stamps or Signatures)

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