CertainTeed

M2TECH®

Gypsum Board

Product Specifications

M2Tech® Moisture and Mold Resistant Gypsum Board is produced in 1/2" (12.7 mm) and 5/8" (15.9 mm) Type X, 48" (1220 mm) width and lengths of 8' (2440 mm) and 12' (3660 mm). Installation is fast, easy and efficient.

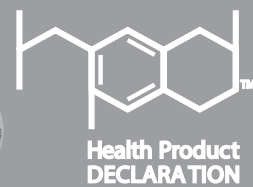| Product	Product Standards	Federal Standard SS-L-30d	Application Standards
1/2" M2Tech® Gypsum Board	ASTM C1396; CAN/CSA-A82.27	Type III	ASTM C840; CAN/CSA-A82.31; GA-216
5/8" M2Tech® Type X Gypsum Board	ASTM C1396; CAN/CSA-A82.27	Type III Grade X	ASTM C840; CAN/CSA-A82.31; GA-216

	1/2" (12.7 mm)	5/8" (15.9 mm) Type X
Widths	48" (1220 mm)	48" (1220 mm)
Standard Lengths*	8' (2440 mm), 12' (3660 mm)	8' (2440 mm), 12' (3660 mm)
Edges	Tapered	Tapered
Water Absorption (ASTM C473) % by weight	<5%	<5%
Flame Spread	5	5
Smoke Developed	5	5
Mold Resistance Rating** (ASTM D3273)	10	10
Mold Resistance Rating** (ASTM G21)	0	0

* Special lengths or edges may be available as a special order. Please contact your CertainTeed Representative.
** No mold growth detected. Note: 10 is the best possible rating for ASTM D3273 and 0 is the best possible rating for G21.

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Health Product DECLARATION™

GREENGUARD
PRODUCT CERTIFIED FOR
LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

[**Be**Certain]™ Confidence worth building on.™

ASK ABOUT ALL OF OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:

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GYPSUM • CEILINGS • INSULATION

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CertainTeed
SAINT-GOBAIN

SAINT-GOBAIN

M2Tech® Moisture and Mold Resistant Gypsum Board

M2Tech® Moisture and Mold Resistant Gypsum Board provides enhanced protection against mold growth.
It is designed for use on interior walls and ceilings in standard residential, commercial and institutional applications.

M2Tech® Gypsum Board is a specially formulated product for applications where enhanced moisture and mold resistance is preferred.

M2TECH®

A Superior Technology

CertainTeed's M2Tech® Moisture and Mold resistant family of products features unique M2Tech® technology. M2Tech® provides:

- Additional zone of protection against moisture and mold

- Numerous fire-rated assembly designs for safety and performance

- Lightweight gypsum board that handles like other CertainTeed gypsum boards

- Does not require special tools

- Easy to cut and install

- May be finished, painted, or wallpapered using conventional gypsum board techniques

- Achieves scores of 10 and 0 for mold resistance per ASTM D3273 and ASTM G21 respectively, the best possible scores for these tests

The M2Tech® Advantage

M2Tech® Moisture and Mold Resistant Gypsum Board has a specially formulated moisture and fire resistant core enclosed in 100% recycled moisture and mold resistant light violet colored face paper and bronze colored back paper.

When tested for mold resistance by an independent lab at the time of manufacturing, M2Tech® Gypsum Board achieved scores of 10 and 0 per ASTM D3273* and ASTM G21* respectively, the best possible scores for these tests.
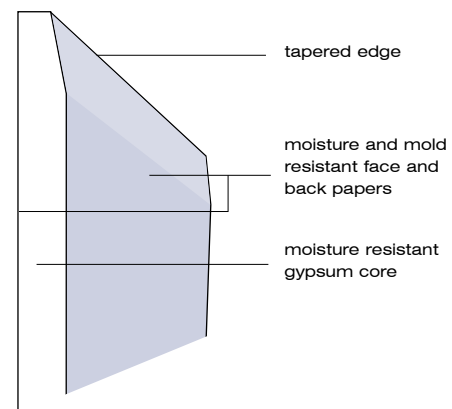
UL Classified and ULC Listed for fire resistance, and surface burning characteristics.

M2Tech® Gypsum Board handles like other CertainTeed gypsum board products. It does not require special tools and may be finished, painted, textured or wallpapered using conventional gypsum board techniques.

Smooth paper facers and tapered edges allow for easy finishing with M2Tech® Finishing Systems.

tapered edge

moisture and mold resistant face and back papers

moisture resistant gypsum core

Maximum Framing Spacing – Single Layer

	M2Tech® Gypsum Board Thickness, inch (mm)	Board Orientation to Framing	Maximum Framing Spacing, inch (mm) o.c.
Ceilings:	1/2 (12.7)	Parallel	16 (400)**
	1/2 (12.7)	Perpendicular	24 (610)**
	5/8 (15.9)	Parallel	16 (400)**
	5/8 (15.9)	Perpendicular	24 (610)
Walls:	1/2 (12.7)	Parallel or Perpendicular	24 (610)
	5/8 (15.9)	Parallel or Perpendicular	24 (610) *

The performance of M2Tech® Gypsum Board in actual use may not accurately reproduce the results achieved in this ASTM laboratory test. 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.

On ceilings, to receive hand or spray-applied water based texture material, M2Tech® Gypsum Board shall be applied perpendicular to framing. Board thickness shall be increased from 1/2" (12.7 mm) to 5/8" (15.9 mm) for 24" (610 mm) o.c. framing.

How to Use M2Tech® Gypsum Board

M2Tech® Gypsum Board 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 with an adhesive.

Not recommended for exterior use, exposure to extreme temperatures, or continuously wet or high humidity areas such as sauna, steam rooms or gang showers. For use in tub and shower enclosures in intermittent wet areas as a base for tile, please consult your local building code. CertainTeed Gypsum recommends use of Diamondback® Tile Backer for wet area applications. For more information on Diamondback® Tile Backer go to www.certainteed.com.

Applications

Thickness and Type	Usage
1/2" (12.7 mm) M2Tech® Gypsum Board	For walls and ceilings where 1/2" CertainTeed Regular is commonly used
5/8" (15.9 mm) M2Tech® Type X Gypsum Board	For use when Type X core is required for fire resistance or STC requirements

The greater thickness provides enhanced fire resistance and reduced noise transmission.

Good design and construction practices that prevent water and moisture exposure of building products are the best ways to avoid the growth of mold.

Areas of usage

School

Hospital

Office

Bathroom

CertainTeed respects the environment through the responsible development of sustainable building products and systems. M2Tech® Moisture & Mold Resistant Gypsum Board is manufactured with up to 100% recycled paper.

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Front cover photo: LLOG Exploration Company, LLC's new headquarters in Covington, Louisiana
CertainTeed's gypsum, ceilings and insulation product lines were all specified for this 100,000 square foot facility.