

CertainTeed

Rapid Deco®

Level 5 Type X Extreme Abuse with M2Tech® Gypsum Board

Product Data and Submittal

Product Description

CertainTeed Rapid Deco M2Tech Extreme Abuse Level 5 Type X is a mold, mildew, abuse and fire-resistant gypsum board pre-finished with a specially formulated material to facilitate finishing to a Level 5 finish. This material is factory-applied to provide a consistent and uniform finish.

Rapid Deco M2Tech Extreme Abuse Level 5 Type X drywall is installed in the same manner as traditional drywall and finished with Rapid Deco Level 5 joint compound to easily and quickly produce a Level 5 finish (Please refer to the Rapid Deco Level 5 joint compound submittal sheet for technical information).

Rapid Deco M2Tech Extreme Abuse Level 5 Type X drywall is designed for use in applications that require direct mechanical attachment to wood or metal framing, or as a component of fire-rated assemblies. May also be used as a thermal barrier in roof assemblies when specified by the roofing manufacturer. To ensure optimum Type X fire resistance performance, follow recommended installation procedures for fire-rated assemblies. When properly sealed and used in a certified sound-rated assembly, Rapid Deco M2Tech Extreme Abuse Level 5 Type X drywall will also contribute to the required sound transmission classification (STC) values.

M2Tech offers enhanced protection against the growth of mold and mildew, compared to ordinary drywall products. Under controlled testing conditions, it achieved an average panel score of 10 out of a possible 10 using ASTM D3273.*

Note: Rapid Deco M2Tech Extreme Abuse Level 5 Type X drywall is suitable for

interior applications only and should not be used where temperatures exceed 125°F for extended periods or in areas of extreme humidity. Likewise, the board should be protected from exposure to adverse conditions during storage and construction.

Rapid Deco Level 5 System: Consists of a skim-coated drywall and a specially formulated, matching joint compound. Used together, they create an equivalent substitution to a field-applied Level 5 finish (per ASTM C840).

Basic Uses

Rapid Deco M2Tech Extreme Abuse Level 5 Type X drywall is the best solution for interior areas specified for a Level 5 finish and where a higher resistance to abrasion, indentation and impact penetration is required. Applicable areas include:

- High-end residential and commercial construction
- Hotel lobbies and other high-traffic, public spaces
- Areas with considerable natural light exposure and where critical lighting or gloss paints are specified

Advantages

- Provides an equivalent to a field-applied Level 5 finish in the same number of steps as a Level 4 finish
- Abuse resistant per ASTM C1629
- Mold and mildew resistant (10 out of 10 score, ASTM D3273)*
- Fire resistance
- Low installation cost
- Creates a uniform surface and the and the highest-quality finish

- Provides consistent job results
- Minimizes jobsite application labor and reduces cost over a field-applied Level 5 finish
- Installs in the same manner as traditional drywall — no special tools or enhanced skills required
- Superior Level 5 results in less time
- GREENGUARD Gold certified

Product Data

Thicknesses: 5/8" (15.9 mm)

Weight: 2.8 lb/ft² (13.67 kg/m²)

Widths: 4' (1220 mm) standard

Lengths: 10' and 12' (3048 mm and 3658 mm)

Core: Non-combustible, dimensionally stable, inert gypsum enhanced with glass fiber for strength and fire resistant

Paper: 100% recycled; Face paper coated with a specially formulated skim-coat material; Edges = white, back = gray

Edges: Tapered

Packaging: Two pieces per bundle, face-to-face and end-taped

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

Technical Data

Surface Burning Characteristics

UL classified for surface burning (File No. R3660) (per ASTM E84) Flame spread = 15; Smoke developed = 0; Meeting IBC, Section 803.1, Class A and (per CAN/ULC-S102) 0/0.

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Job Name

Contractor

Date

Products Specified:

Submittal Approvals
(Stamps or Signatures)

CertainTeed
SAINT-GOBAIN

UL/ cUL/ ULC Designation

Type X-1

Applicable Standards and References

Formulated to perform in accordance with ASTM C1396, Section 5, Gypsum Wallboard, Type X (factory-finished per ASTM C840 Level 5) and ASTM C1629, Surface Abrasion Level 3; and CAN/CSA-A82.27.

Installation

Limitations

Rapid Deco is designed to replicate a field-applied skim coat. A skim coat will not approximate a plastered surface. For an entirely smooth, blemish-free surface, a veneer plaster or hard-wall plaster system is recommended. See Gypsum Association publication GA-214 for additional details on skim coating.

CertainTeed cannot control the workmanship of the installed or finished product. Finish satisfaction will only be obtained when proper installation practices are followed and products are properly used. Care must be taken to ensure all joints, trim and fasteners are properly treated and are flat to the plane of the board surface.

A jobsite mock-up shall be used to determine the level of workmanship needed at each stage of finishing. It is recommended that a visual inspection be done prior to painting to confirm that proper finishing practices have been followed to avoid anomalies in the painting and decorating process. A flat drywall primer with a minimum volume solids content of 34% is recommended. Under no circumstances should an all-in-one paint and primer or a sealer-type primer be used.

Test Results per ASTM C1629

Soft Body Impact	Level 2
Surface Abrasion	Level 3
Surface Indentation	Level 1
Hard Body Impact	Level 1

*M2Tech provides extra resistance against the formation of mold, but no product may be considered “mold proof.” The most effective way to avoid the formation of mold and mildew in drywall products is to limit or avoid water exposure during storage and construction, and after construction is complete. Used in combination with appropriate design, handling, construction and installation practices, M2Tech drywall can provide increased mold and mildew resistance, compared to ordinary drywall products. ASTM D3273 is the “Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber” and is performed under controlled, laboratory conditions. Actual storage, handling, construction and installation conditions may vary from the environment created in the independent lab, and the use of the product in actual conditions may not replicate the ASTM results.

Stack flat, keep dry and lift (do not drag) to avoid scuffing. Avoid damage to edges. For detailed recommendations, refer to GA-216 and GA-801.

Recommendations

When installed on steel studs, standard 20 gauge 30 mil (for use on 20 gauge EQ studs, contact stud manufacturer) or thicker studs should be used. Install according to Gypsum Association GA-216 or ASTM C840. For fire-rated construction, consult GA-600 Fire Resistance Design Manual and UL Fire Resistance Directory. Rapid Deco Level 5 joint compound should be used for best match to Rapid Deco drywall. Refer to GA-214 for more finishing recommendations.

Decoration

It is recommended that a visual inspection be done prior to painting to confirm that proper finishing practices have been followed to avoid anomalies in the painting and decorating process. For best results, a good gypsum board primer should be applied in accordance with manufacturer’s instructions before painting or before any texture material is applied.

Safety Precautions

Wear safety glasses and NIOSH-approved respirators during cutting, breaking, rasping or other dust-producing activities. Safety Data Sheets (SDS) are available for all CertainTeed products upon request.

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

Can contribute to the U.S. Green Building Council’s LEED Credit Qualification in several credit categories to assist in obtaining LEED certification.

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 which the assembly was tested. Minor discrepancies may exist in the values of ratings, attributable to changes in materials and standards, as well as differences between testing facilities. Assemblies are listed as “combustible” (wood framing) and “noncombustible” (concrete and/or steel construction).



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20 Moores Road, Malvern, PA 19355 800-233-8990 CertainTeed.com