

CertainTeed

ProRoc[®] BRAND

Moisture & Mold Resistant Type X Gypsum Board with

Product Data and Submittal

Product Description

ProRoc[®] Moisture and Mold Resistant gypsum board with M2Tech[™] is a gypsum board designed for use on interior walls and ceilings; specially engineered to provide enhanced moisture and mold resistance. It has a specially formulated moisture resistant core that provides a greater degree of fire resistance than regular gypsum board and is enclosed in a 100% recycled moisture and mold resistant light violet colored face paper and a bronze colored back paper. ProRoc Moisture & Mold Resistant gypsum board may be finished, painted, textured or wallpapered using regular gypsum board techniques.

Basic Uses

ProRoc[®] Moisture and Mold Resistant Type X gypsum board is used for interior walls and ceilings in residential, commercial and institutional applications requiring fire ratings.

This product can be used for new construction or renovations over wood or steel framing. It is typically nailed or screwed to studs spaced 16" or 24" o.c., but can be applied by laminating or with the use of an adhesive.

Advantages

- Fire resistance ratings up to four hours.
- Moisture and mold resistant with a score of 10, when tested by an independent lab at the time of manufacture per ASTM D 3273, "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber".*
- Less than 5% water absorption by weight after 2-hour immersion, as per ASTM C 473 test method.
- Consistent high quality.
- Uniformly flat, attractive appearance; no shadows.
- 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.

Limitations

- 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.
- ProRoc[®] Moisture & Mold Resistant gypsum board 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 gang showers.
- Not recommended for continuous exposure to temperatures exceeding 125° F (52° C).
- Framing spacing should not exceed 24" o.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 

Sizes and Types

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

Widths: 4' (1220 mm)

Lengths: 8' (2438 mm), 10' (3048 mm), 12' (3658 mm) Standard. Custom lengths available upon request. Contact the nearest Sales Office for stocked lengths available.

Edges: Tapered

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

Applicable Standards: Meets ASTM C 1396 Type X standard.

Technical Data

Composition of 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

ProRoc® Moisture and Mold Resistant Type X gypsum board has a Flame Spread rating of 5 and Smoke Developed rating of 5 when tested in accordance with ASTM E 84, (UL 723, UBC 8-1, NFPA 255, CAN/ULC-S102).

Fire Resistance

Fire resistance tests are conducted in accordance with ASTM E 119, (ANSI/UL 263, UBC 7-1, NFPA 251, CAN/ULC-S101) and 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).

For fire resistance ratings refer to the Gypsum Association Fire Resistance Design Manual and UL Fire Resistance Directory - Vol 1.

Installation

Applicable Standards and References

- ASTM C 840
- Gypsum Association GA-216
- Gypsum Association GA-214
- ICC International Building Code (IBC)

Decoration

ProRoc® Moisture and Mold Resistant Type X gypsum board accepts most types of paints, texture and wall covering materials. 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 sealer application under 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.

Recommendations

Installation of CertainTeed ProRoc® Moisture and Mold Resistant Type X gypsum boards should be constant with methods described in the standards and references noted. Cutting should be from the face side of the boards for best results.

* The performance of ProRoc® Moisture & Mold Resistant 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.

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