



ProRoc Type C

M2TECH gypsum board



Product Description

ProRoc Type C M2Tech gypsum board is moisture and mold resistant and is designed for use on interior walls and ceilings, specially engineered to provide enhanced moisture and mold resistance. They have a specially formulated moisture and mold resistant core and are enclosed in a violet colored face paper and pink colored back paper.

ProRoc Type C M2Tech board may be finished, painted textured or wallpapered using regular gypsum board techniques.

Basic Uses

ProRoc Type C M2Tech 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. ProRoc Type C M2Tech board features a specially formulated core providing fire resistance rating when used in tested assemblies.

Advantages

- Fire resistance ratings up to four hours
- M2TECH® technology provides additional zone of protection against moisture and mold
- Achieves mold resistance per ASTM D3273*
- Less than 5% water absorption by weight after 2-hour immersion, as per ASTM C473 test method
- 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.
- Moisture and Mold Resistant gypsum board is not recommended for areas which will be continuously wet or subjected to high humidity such as saunas, steam rooms or gang showers.
- Exposure to continuous moisture or extreme temperatures should be avoided.
- Not recommended for continuous exposure to temperatures exceeding 125°F (52°C).
- Wall framing spacing should not exceed 24" (610 mm) 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
- ProRoc Type C product can be substituted in an equivalent thickness in any fire-resistance rated or acoustic assembly specifying Type X.
- Where ProRoc Type C product is specified to attain a fire resistance rating, Type X of equivalent thickness cannot be substituted.

Product Data

Thickness:	1/2" (12.7 mm) and 5/8"(15.9 mm)
Width:	4' (1220 mm)
Length:	8', (2440 mm)
Edge:	Tapered

Job Name _____

Contractor _____ Date _____

Products Specified: _____

Technical Data

Composition and Materials

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

Surface Burning Characteristics

ProRoc Type C M2Tech gypsum board has a Flame Spread ratings of 15 and Smoke Developed ratings of 0 when tested in accordance with ASTM E84, (UL 723).

Fire Resistance

Fire resistance tests are conducted in accordance with ASTM E119, (ANSI/UL263) 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 UL Fire Resistance Directory - Vol 1.

Applicable Standard and References

- ASTM C1396
- BS EN 520
- ASTM C840
- Gypsum Association GA-216
- Gypsum Association GA-214

Installation

Recommendation

Installation of ProRoc Type C M2Tech board should be consistent with methods described in the standards and references noted. Cutting should be from the face side of the boards for best results.

Decoration

ProRoc Type C M2Tech 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.

* The performance of Moisture and 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.

Notice

The information in this document is subject to change without notice. Assumes no responsibility for any errors that may inadvertently appear in this document.



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