

GM – 16mm Glassmat GYPSUM BOARD

09 29 00/GC

Description

Gypsemna's GLASS MAT (**GM- 16mm**) Type X Gypsum Board is an exterior and interior gypsum board. It is available with Type X gypsum core, consists of a moisture- and mold-resistant gypsum core encased in a coated, specially designed BLUE fiberglass mat on the face, back and sides. The glass mat is folded around the long edges to reinforce and protect the core, and it provides superior weather resistance. The face paper and the back paper are 100 percent recycled.

Basic Uses

Gypsemna's GLASS MAT (**GM- 16mm**) Type X Gypsum Board is used for exterior and interior walls , tile backer board in wet areas and ceilings. In exterior walls and soffits applications, assemblies require sheathing to be attached to the outside of framing as a water-resistant underlayment for various materials. These assemblies resist wind, rain, snow and extreme temperatures for extended periods.

Advantages

- Fire ratings up to four hours.
- Consistently high quality.
- Uniformly flat, attractive appearance.
- Helps inhibit mold growth with the highest possible score on mold tests score of 10 (best) (ASTM D3273)
- Has less than 5% water absorption per ASTM C473.
- Uniform high-strength cores eliminate crumbling, cracking.
- Excellent thermal barrier and sound attenuation qualities.
- Green certified.
- Qualifies as a low-VOC

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Technical Data

Physical Properties

Thickness, Nominal	9mm, 13mm, 16mm
Width, Nominal	1200mm
Length, Standard	2400mm, 3000mm
Weight, Nominal	15.10kg/m ² , TE, SE
Edges	Light Blue Color
Color	

Fire-Resistance Characteristics ASTM E84

Core Type	Type X
Combustibility	Non-combustible Core
Surface Burning Characteristics	Class A
Flame Spread	0
Smoke Development	0

Standards and References

- ASTM C1396 Product Standard Compliance
- ASTM C473 Standard Test Methods for Physical Testing of Gypsum Panel Products
- ASTM C840 Standard Specification for Application and Finishing of Gypsum Board
- ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials
- ASTM D3273 Standard Test Method for Resistance to growth of Mold on Surface.
- ASTM C1280 Standard Specification for Application of Exterior Gypsum Panel Products for use as Sheathing

