



GYPSEMNA GLASS MAT

GYPSUM BOARD GM-16mm



DESCRIPTION

Gypsemna Glass Mat (GM - 16mm) is an exterior and interior gypsum board consisting of a moisture and mold-resistant Type X gypsum core, encased in a specially coated blue fiberglass mat on the face, back, and sides. The Glass Mat is folded around the long edges to reinforce and protect the core, providing superior weather resistance. Both the face and back papers are 100% recyclable.

BASIC USES

Gypsemna Glass Mat (GM – 16mm) is used for both exterior and interior wall applications, as well as tile backer boards in wet areas and ceilings. In exterior walls and soffit applications, the board is installed as an external sheathing layer, providing a water-resistant underlayment suitable for various façade finishes. These systems are engineered to withstand exposure to wind, rain, snow, and extreme temperatures over extended service periods. The board also features a fiberglass mesh embedded in the core for added strength and durability.

ADVANTAGES

- Fire-rated up to 3 hours.
- Consistently high quality.
- High impact resistance.
- Uniform, flat and attractive appearance with no shadows.
- Inhibits mold growth with a maximum score of 10 (ASTM D3273).
- Water absorption less than 5% per ASTM C473.
- Uniform, flat and attractive appearance with no shadows.
- High-strength core eliminates crumbling and cracking.
- Excellent thermal barrier and sound attenuation properties.
- Green certified and qualifies as a low-VOC product.

TECHNICAL DATA

PHYSICAL PROPERTIES

Nominal thickness	16mm
Nominal width	1200mm
Standard length	2400, 3000mm
Nominal weight	13kg/m ²
Edges	TE, SE
Colour	Blue

FIRE PERFORMANCE

Core type	Type X
Combustibility	Non combustible core
Surface burning characteristics	Class A
Flame spread	0
Smoke development	0

STANDARDS & 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 methods for resistance to growth of mold on surface.
ASTM C1280	Standard specification for application of exterior gypsum panel products for use as sheathing.
EN 520 (Type E and F)	Standard for gypsum plasterboard performance.
ASTM C1177 / C1177M	Standard specification for glass mat faced gypsum boards used as structural sheathing in exterior-exposed conditions.

GYP-GM16mm-R3