Glasroc® X Sheathing Board

Glasroc® X Sheathing Board is a high-performance Class 4 vapour permeable rigid air barrier board, designed for use behind facade cladding systems. It provides up to 6 months of weather protection for a building's interior prior to cladding.

The 12.5mm thick exterior plasterboard, reinforced with glass mat and UV resistant coating, delivers strength, durability and weather resistance, making it ideal for commercial and multi-res construction.

Glasroc X is recommended for use in Climate Zones 2-8. Its Class 4 vapour permeability provides outstanding performance in colder environments (Climate Zones 6-8) where the condensation risk is increased. Glasroc X contains special additives to resist moisture and mould.

Complying with the weatherproofing requirements (NCC 2022 F3P1 & H2P2), the Glasroc X system is designed to prevent water penetration from the outside, ensuring a weathertight structure[++]. Engineered for high wind environments, Glasroc X windstands wind pressures up to +-6kPa (ULS).

The Glasroc X system can be used as part of a fire rated wall system, achieving an FRL of up to 60/60/60 on timber and steel frames[+] and up to FRL -/90/90 on steel frames[+].

Recommended Use

- Suitable for structural timber and steel frames
- Designed for commercial and multi-res buildings
- To be used as part of pressure equalised facade systems

Product Features

Climate Zone Suitability

Class 4 vapour permeable rigid air barrier suitable for Climate Zones 2-8

Weather Protection

Up to 6 months weather protection

Weatherproof system

Exceptional weathertightness performance[++]

Moisture and Mould Resistant

Suitable for exterior applications

High Wind Environments

Withstands wind pressures up to +- 6kPa (ULS)

Fire-Rated Systems

Up to FRL 60/60/60 for timber & steel frames[+]

Up to FRL -/90/90 for steel frames[+]

High Recycled Content

Contains minimum of 30% recycled content

Glasroc X Specifications	
Feature	**Description**
Thickness (mm)	12.5
Size (mm) W x L	1200 x 3000, 1200 x 2400*
Weight (nominal)	10.9kg/m²
Edge Profile	Recessed edge
Board Colour	White face glass mat liner with Glasroc X branding. White reverse side glass mat liner
Vapour Control Classification (AS 4200.1 -ASTM E96)	Class 4 vapour permeable
Water Control Classification (AS/NZS 4201.4)	Water barrier
Mould Resistance (ASTM G21)	Scored 0 = no mould growth
Max Design Wind Pressure	+/- 6kPa (ULS)
Thermal Resistance	0.05 m²K/W
Fire Resistance Level (FRL)	Up to FRL 60/60/60 for timber and steel frames[+] Up to FRL -/90/90 for steel frames[+]
Combustibility	Plasterboard may be used wherever a non-combustible material is required
VOC Level (as per GBCA limits)	0.061 mg/m²/hr
Total Recycled Content	Minimum of 30%

Manufacturing Tolerances

Nominal Thickness	12.5mm +/-0.4mm
Nominal Widths	1200mm -3mm +0 mm
Nominal Lengths	3000mm -5mm + 0 mm 2400mm* -5mm +0 mm
Squareness	+/- 6mm

*Available as a special order- minimum order quantity and lead times may apply.

Storage

Protect Glasroc X from weather and moisture before installation. Glasroc X must be installed in dry conditions. Avoid products sagging by storing horizontally, supported on a level platform or full-width support members spaced at max. 600mm centres.

Health and Safety

For further information refer to the Safety Data Sheet for this product which is available from www.gyprock.com.au or contact:

CSR Gyprock
Triniti 3, 39 Delhi Rd, North Ryde NSW 2113
Australia Phone: **131 744**
New Zealand Phone: **0800 277 123**

Installation

For external plasterboard installation, consideration should be given at the design stage to environmental conditions, local effects of wind actions, potential corrosion of metal trims and elemental impact on the lining as per AS/NZS 2589:2017 section 3.12 External Applications.

For details on our product warranty, please log onto www.gyprock.com.au/warranty, or contact us on **1300 306 556.**

Resources

For further information on this product please visit www.gyprock.com.au or refer to the Gyprock Red Book. For technical support, contact:

DESIGNLINK™

PHONE: 1800 621 117

Through the International Alliance program, Gyprock seeks to develop exclusive relationships with leading manufacturers throughout the world to deliver the best technologies and products to the Australian construction industry.

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Footnotes:
+When used with Gyprock Fyrchek as an internal lining.
++When used with Cemintel cavity-fixed cladding, including Territory, Surround, Barestone, and ExpressPanel for wind pressures up to ± 2.5kPa (SLS).