

Glasroc® H

A water barrier, not a time barrier

Glasroc® H

Glasroc® H (Hydro) incorporates enhanced GRG technology using pre-coated glass mats on the surface of the board instead of paper liners used on plasterboards to provide enhanced moisture and mould resistance.

Glasroc® H provides outstanding performance as a tile backing and wet areas board in environments where there is frequent exposure to moisture or high humidity.

The gypsum core provides water-resistant properties while the light blue coloured pre-primed surface repels water that protects the construction; it also provides an optimum surface for direct tiling or smooth decoration. Glasroc® H is ideal in high moisture environments, ensuring peace of mind for customers who prefer easy handling and installing gypsum boards but with excellent resistance to moisture and mould.

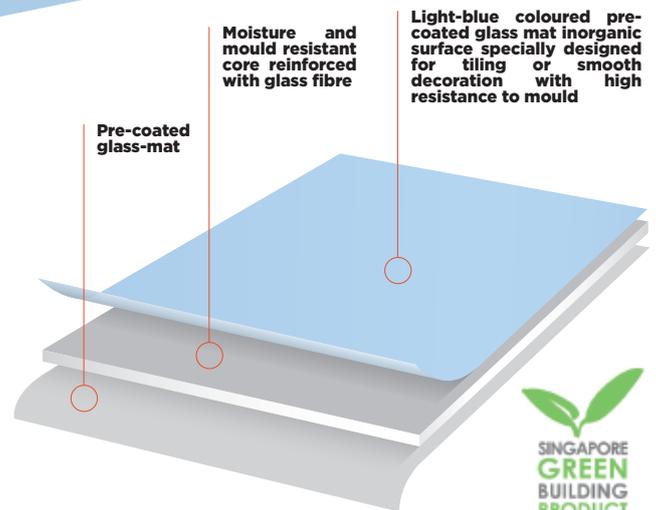
CHARACTERISTICS

High-performance board with gypsum core containing water-resistant properties. The light blue coloured pre-primed surface repels water, reinforced with pre-coated glass mats on the surface of the board to provide enhanced moisture and mould resistance.

Glass-mats have a physical anchorage in the gypsum core ensuring a strong bond with the gypsum core that creates a monolithic board of high strength, solidity, and exceptional integrity.

RECOMMENDED USE

Suitable for use in wet area interior environments where there is frequent exposure to moisture or high humidity, such as shower enclosures, bathrooms, and swimming pool halls.



SGBP 2019-2902



PRODUCT FORMAT

| | |
|--------------------|--|
| Thickness | 12.5mm |
| Nominal Weight | 10.5kg/m ² |
| Nominal Sheet Size | 1200mm x 2400mm 1220mm x 2440mm |
| Edge Type | Recessed Edge  |



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MOISTURE AND MOULD RESISTANCE

- Total water absorption <5% in accordance to BS EN 520
- Surface water absorption <180g/m² in accordance to BS EN 520
- Mean water vapour resistance = 0.318m².h.Pa/mg in accordance to BS EN 12572
- Water vapour diffusion resistance = 18µ in accordance to BS EN 12572

THERMAL INSULATION

- Recommended design thermal conductivity, k-value= 0.19 W/mK in accordance to BS EN 12664

FIRE REACTION

- Class A1 reaction to fire in accordance to BS EN 13501-1
- Non-combustible in accordance to BS 476: Part 4
- Classified as Class 0 material in accordance to BS 476: Part 6 & 7
- Provides up to 1 hour fire rating in accordance to BS 476: Part 22

MANUFACTURING SPECIFICATIONS

- In compliance with BS EN 520

LIMITATIONS

Glasroc® H boards are not suitable for use in temperatures above 49°C but can be subjected to freezing conditions without the risk of damage. They are unsuitable for any areas subjected to prolonged immersion, such as inside swimming pools.

HEALTH AND ENVIRONMENTAL CONTRIBUTIONS

- Made from 100% natural gypsum
- Recyclable material, hence environmentally friendly and certified with Green Product Certification Scheme
- Does not produce toxic fumes or hazardous substances that are harmful to health
- Product is manufactured in a facility certified to standards of ISO 14001, ISO 45001, and ISO 9001

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