



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 mold resistance.

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.

CHARACTERISTICS

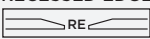
High-performance board with gypsum core containing water-resistant properties. The light blue coloured pre-primed surface repels water, reinforced with pre-coated glass mats on the surface of the board to enhance moisture and mold resistance.

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 as a tile backer and wet area interior environments where there is frequent exposure to moisture or high humidity, such as shower enclosures, bathrooms, and swimming pool halls.

PRODUCT FORMAT

Nominal Thickness	12.5mm
Nominal Weight	11.50kg/m ²
Nominal Sheet Size	1200mm x 2400mm
Edge Type	RECESSED EDGE 

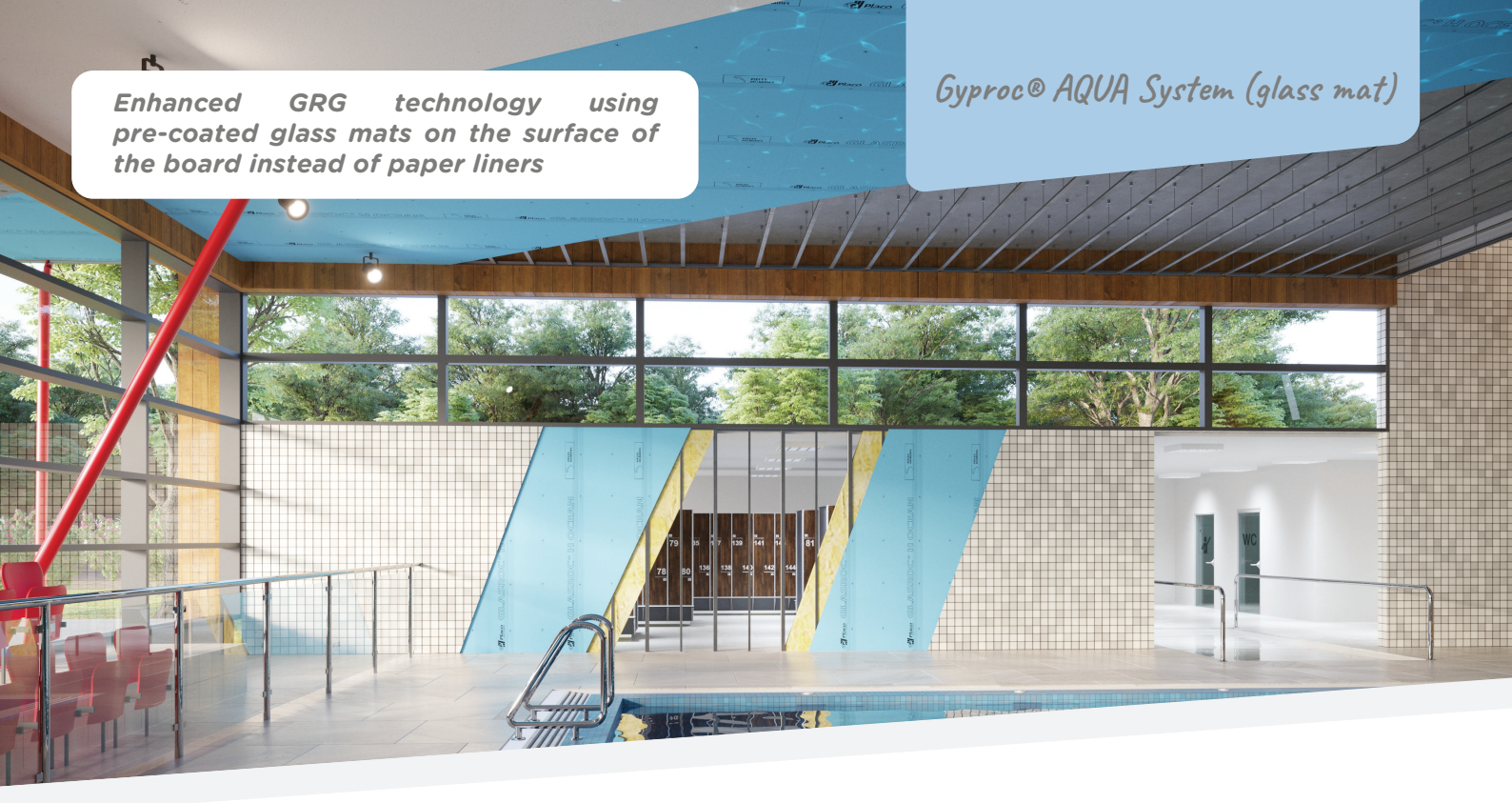
MOISTURE AND MOLD RESISTANCE

- 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



Enhanced GRG technology using pre-coated glass mats on the surface of the board instead of paper liners

Gyproc® AQUA System (glass mat)



FIRE RATING

- 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
- Complete drywall system providing up to 1 hour fire rating in accordance to BS 476: Part 22

THERMAL INSULATION

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

AESTHETIC PROPERTIES

- Crack-free
- Seamless and smooth finishing

HANDLING AND WORKABILITY

- Lightweight
- Quick and easy installation

MANUFACTURING SPECIFICATIONS

- In compliance with BS EN 520

QUALITY ASSURANCE

- Product is manufactured in a facility certified to ISO 14001, ISO 45001, ISO 9001

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, environmentally friendly
- Green-labelled product endorsed by the Singapore Green Building Council
- Does not produce toxic fumes or hazardous substances that are harmful to health

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