Product Data Sheet

Glasroc® H TileBacker 12.5 mm

Glasroc H TileBacker 12.5 mm is a water resistant, glass reinforced gypsum board. Suitable as a tile backing board in areas subject to high levels of moisture.



Where to use

Use it for floor and wall wet area applications in kitchens, bathrooms and shower enclosures.

Certifications

Environmental Product Declaration (EPD) available Click here.

Product information

Composition

This product is made up of gypsum incorporating a glass fibre tissue immediately below each surface of the board. The core is reinforced with glass fibre rovings, and contains water repellent additives. An acrylic coating provides a suitable tiling surface and enhanced water resistance.

Colour

Face colour: Yellow.
Reverse colour: White.

DIMENSIONS AND WEIGHTS				
PRODUCT SIZES (mm)	1200 X 900	1200 X 2400	1200 X 2700	1200 X 3000
Nominal thickness (mm)	12.5	12.5	12.5	12.5
Minimum weight (kg/m²)	8.9	8.9	8.9	8.9
Edge options	Square edge	Square edge	Square edge	Square edge
Width: maximum tolerance (mm)	+0	+0	+0	+0
Width: minimum tolerance (mm)	-3	-3	-3	-3
Length: maximum tolerance (mm)	+0	+0	+0	+0
Length: minimum tolerance (mm)	-3	-3	-3	-3
Squareness: 900 mm width boards (maximum difference in diagonal measurements, mm)	4			
Squareness: 1200 mm width boards (maximum difference in diagonal measurements, mm)		5	5	5

NB: Dimensional tolerances. Quality controls are set to meet customer requirements between these maximum and minimum tolerances.

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Performance

Here we only provide performance information related to the product. Please see the White Book for system-dependent performance.

Standards

EN 15283-1:2008+A1:2009, Type GM-H1.

Declarations of Performance (DoP) available Click here.

Reaction to fire	A1
Thermal conductivity (W/mK)	0.3
Water vapour permeability (μ)	10
Water resistance (maximum total water absorption when tested to EN15283-1, %)	5
Mould resistance	No visible growth when measured in accordance with BS 1982-3:1990
Moisture resistance	GM-H1
Maximum continuous temperature exposure (°C)	49

Installation

Effect of condensation

The thermal insulation and ventilation requirements of national Building Regulations aim to reduce the risk of condensation and mould growth in new buildings. However, designers should take care to eliminate all possibility of problems caused by condensation, particularly in refurbishment projects.

Cutting

Either cut the board with a plasterboard saw, or score the front face with a sharp knife, snap it over a straightedge. Cut holes for things like socket boxes using a utility saw.

Screw fixing

Fix the board with the decorative side facing outwards. Install fixings at least 13 mm from cut edges and ends. Stagger horizontal and vertical joints between layers by at least 600 mm.

Jointing

Use Gyproc Joint Cement for jointing Glasroc H TileBacker. Gyproc jointing materials produce durable joint reinforcement and a smooth, continuous, crack-resistant surface ready for priming and final decoration.

Full-surface finishing

If there is a requirement for plastering the boards, the smooth face of Glasroc H TileBacker can be plastered with either Thistle BoardFinish or Thistle MultiFinish. There should be the minimum of delay between completion of the lining and the commencement of plastering.

Painting

Start decorating as soon as possible after the finishing system is dry.

Wallpapering

Start decorating as soon as possible after the finishing system is dry.

Tiling

The board has a pre-primed acrylic coating suitable for direct tiling. Tiles should be installed using the appropriate water resistant grout and tile adhesive, following the manufacturers' guidance. The primed surface Glasroc H TileBacker is compatible with all commonly available tile adhesives.

Snagging and minor repairs

For minor damage and dents outside tiled areas, check that the board core isn't shattered. If it's intact, fill the damaged area with Gyproc EasiFill 60, allow it to set, then apply a second coat if you need to. When it's dry, sand it to a finish before redecorating the area.

For a damaged core, broken edges or extensive damage, repair and replacement procedures differ depending on the number of board layers and fire resistance of the system; please contact our Technical Support Team for specific advice.

Sitework

Storage

To ensure declared performance of plasterboards are not compromised they should be stored inside and kept dry. Make sure floor or ground surfaces are flat and strong enough to support them.

If plasterboards are temporarily stored outside, they should be kept clear of the ground and securely covered with an anchored polythene sheet or tarpaulin to protect from dampness and rain.

Handling

British Gypsum fully accepts its responsibilities as a supplier of building materials and systems as required by Section 6 of the Health and Safety at Work etc. Act 1974.

To reduce manual handling risk, employers and workers should follow HSE's Manual Handling Operations Regulations 1992 (MHOR) and the HSE's guidance on manual handling at work (INDG143). Employers should carry out a risk assessment and implement control measures to avoid or minimise the need for manual handling. Workers should follow safe lifting and moving techniques and report any hazards. The 'Manual Handling Guide' published by the Gypsum Products Development Association (GDPA) and its member companies can provide additional plasterboard specific guidance and is available on the GDPA website.

Plasterboard handling should be assessed for risk before lifting or carrying. All British Gypsum plasterboards have safety information printed on the board. Where mechanical aids are available, they should be considered in the overall risk assessment.

Safety Data Sheet

Safety Data Sheet (SDS) available. Click here.

Packaging overview

Supplied on a reusable wooden pallet.

Environmental

Recyclability

You can recycle this product as long as it has minimal contamination from non-gypsum materials.

Disposal

Segregate boards from non-gypsum waste for recycling where possible. Dispose of them according to local authority requirements.

BES 6001 classification

Very Good.

SAINT-GOBAIN

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