

Glasroc H TILEBACKER

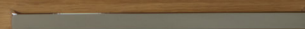
Behind every perfect tiling job.



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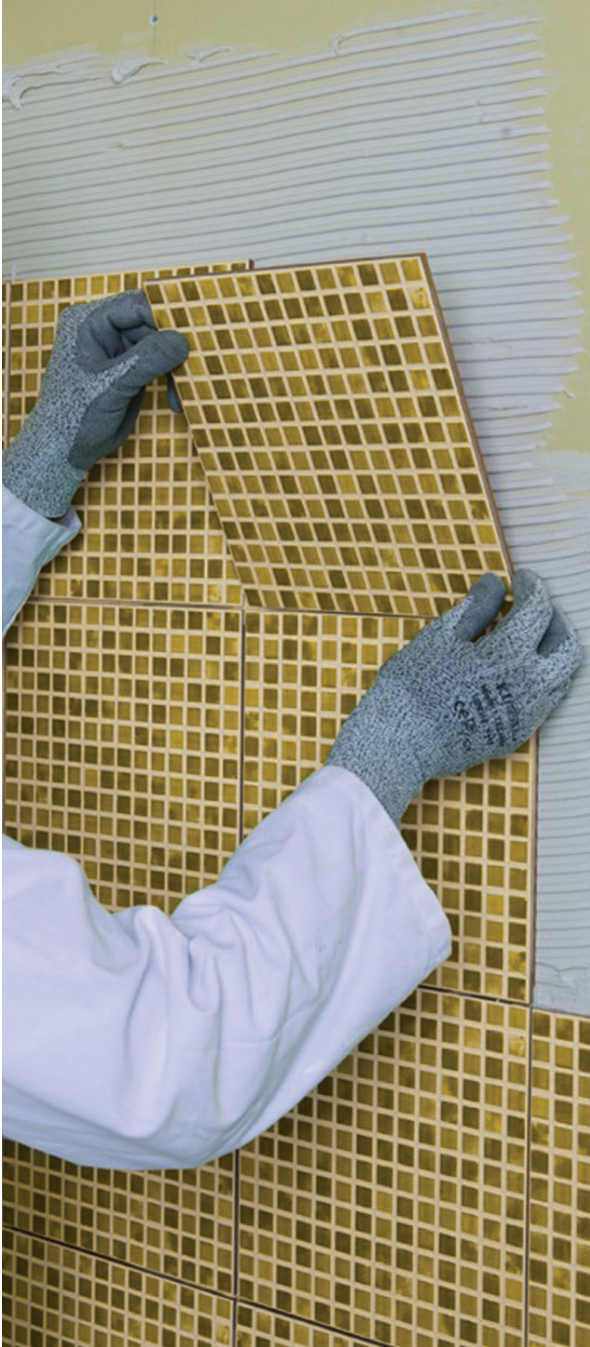
 **British Gypsum**
SAINT-GOBAIN

12.5mm Glasroc H TILEBACKER for walls.





**And now 6mm
Glasroc H TILEBACKER
for floors.**



Who we are

For nearly a century, we've led the market in high performance building linings – providing plastering, plasterboard, drylining and ceiling solutions that have shaped the modern interior.

We care passionately about the products and systems we produce and put our customers at the heart of our business. We cater for all types of buildings, flats and houses, and for projects large and small.

This product brochure will provide you with information about our tile backing board range, Glasroc H **TILEBACKER**.

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Glasroc H **TILEBACKER** is a high performance board specifically designed for use in wet areas such as bathrooms and kitchens.

Ready primed for direct tiling, Glasroc H **TILEBACKER** is up to a third lighter than cement boards and faster to install, leaving you more time to fix tiles.

Glasroc H **TILEBACKER** offers moisture and mould resistant properties, combined with superior dimensional stability, making it the high performance alternative to plywood and cement boards.

The Glasroc H **TILEBACKER** range includes both 12.5mm and 6mm thick boards offering the full solution for floors and walls. The 6mm board is even capable of being used to create curved walls.



Why is Glasroc H **TILEBACKER** the best board for the job?

Lightweight, quick to install and strong, Glasroc H **TILEBACKER** is the perfect board of choice for wet area tile applications.

It is long lasting, mould and water resistant, plus simple and safe to work with.

Glasroc H **TILEBACKER** is a sustainable option, as it is made from environmentally friendly raw materials and is 100% recyclable.

The Glasroc H **TILEBACKER** range is compatible with all British Gypsum systems with no special framework needed.

Glasroc H **TILEBACKER**
Behind every perfect tiling job.

Quick and easy to install

- No power tools, pre-drilling or specialist fixings required, just score and snap to size. Simply screw in place with British Gypsum Drywall or Drywall Timber Screws.
- Easy to construct saving time and effort, no pre-treatment required.
- 12.5mm Glasroc H **TILEBACKER** can be fixed to masonry backgrounds using Gyproc DriWall Adhesive and Gyproc Nailable Plugs.
- You can use your current and favoured materials as it's compatible with standard tile adhesives.
- Lighter board meaning it is quicker to load out the project.

Safer to work with

Glasroc H **TILEBACKER** is up to a third lighter than cement boards, so there is less risk of injury on-site.



Glasroc H **TILEBACKER** is tough enough to be used on floors and walls in preparation for tiling, skimming or painting.

A full range is now available for the whole room, making it easier to buy and manage on-site: 12.5mm for walls and 6mm for floors.

It is simple to achieve a high quality finish in part-tiled areas, e.g. in low moisture environments – just joint or skim above the tile line, then finish with moisture-resistant paint.

6mm Glasroc H **TILEBACKER** can be curved to fit walls to a radius of 600mm.

You do not have to change your =current specifications as 12.5mm Glasroc H **TILEBACKER** used within the GypWall **CLASSIC** system, with studs at 600mm centres, will support up to 32kg/m² of any tile type.

Glasroc H **TILEBACKER** is also suitable for use with electric underfloor heating systems.



Our promise

Our plaster and drylining solutions have generations of experience and technical know-how built-in. We use only the highest quality components, developed and tested to work together to deliver specified performance. That's why we guarantee our systems with a unique SpecSure® lifetime system warranty.

Solutions that will last a lifetime

SpecSure® is more than simply a performance warranty, it means the British Gypsum systems you specify:

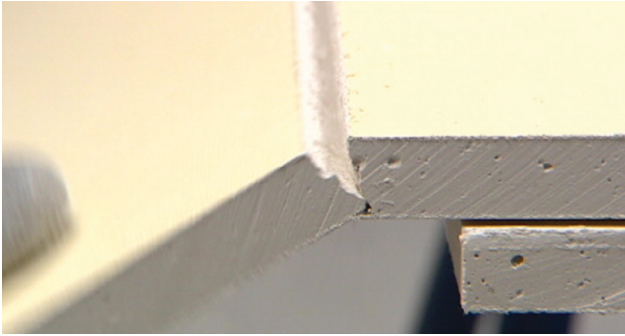
- Have a guaranteed lifetime performance.
- Have the technical expertise and experience of the UK's leading drywall specialist behind them.
- Have been site-tested to demonstrate installation integrity and simplicity.
- Have been tested in UKAS-accredited fire, acoustic and structural test laboratories.
- Will perform to published parameters throughout the life of each system.
- Will be repaired or replaced by British Gypsum in the unlikely event of system failure attributed to unsatisfactory product / system performance.
- Will be supported at every stage of the project by the UK's leading on and off-site technical support personnel.

A handwritten signature in black ink that reads "Mike Chaldecott". The signature is stylized and includes a horizontal line underneath the name.

Mike Chaldecott
Managing Director

Installation guidance

Step 1 – Choose the board



Walls and partitions – 12.5mm

- If you're tiling onto a partition wall, use a British Gypsum Gypframe metal system such as GypWall **CLASSIC**. It'll be quicker and easier to build and won't warp over time.
- You won't even need to close-up the studs, you can install tiling systems up to 32kg/m² on Gypframe studs at 600mm centres.
- If you are using a timber stud framework, make sure your studs are at 400mm centres and fully supported. If you're lining an existing wall use Drilyner **BASIC** or Gylyner **UNIVERSAL**.

Floors and curved walls – 6mm

On timber floors and curved walls use 6mm Glasroc H **TILEBACKER**. On existing timber floors ensure:

- Floor is structurally sound.
- Screws used to fix the board do not penetrate into the floor cavity.
- Floor is clean and as even as possible.
- Floor is not subject to excessive movement or flexing as this could cause the tiled floor to crack.
- 6mm Glasroc H **TILEBACKER** is suitable for use on curved partitions and ceilings. The board can be curved to a radius of 600mm without any pre-treatment or wetting. 6mm board should not be used on straight runs of partition.

- The board is ideal for use on British Gypsum GypWall **CURVE** systems and can be used to create feature walls in bathrooms and kitchens. Full installation details for these systems can be found in **The British Gypsum White Book**.
- Glasroc H **TILEBACKER** is suitable for use in conjunction with electric underfloor heating systems. Glasroc H **TILEBACKER** is installed as per standard installation, electric floor heating system should be installed in accordance with manufacturers installation details. The operating temperature of the heating system should not exceed 40°C

Step 2 – Cutting and fixing the board



Walls

- Start from the wall, external corners or openings, and then fix the boards to the framework in the usual way using British Gypsum Drywall or Drywall Timber Screws. Make sure the yellow pre-primed finish faces outwards for tiling.
- Ensure you use the right length and type of screw for the framework.
- For 12.5mm board into metal use a 25mm British Gypsum Drywall Screw and into timber a 38mm British Gypsum Drywall Timber Screw.
- Fix screws every 300mm (200mm at external corners) and no closer than 10mm to board edges (13mm from cut edge).
- Board joints can be reinforced with 50mm Thistle ProTape bedded into the joint using tile adhesive.

Floors

- Ensure floor surface is clean.
- Place a bed of tile adhesive directly onto the floor surface.
- Bed the board into the tile adhesive to create a level surface. Make sure the yellow pre-primed finish faces upwards for tiling.
- Fix the boards to the timber sub floor using British Gypsum Drywall or Drywall Timber screws at 200mm centres. The length of fixing used should be selected to avoid penetrating through the floor surface into the cavity to prevent damage to any services that may be within the floor.
- Board joints can be reinforced with 50mm Thistle ProTape bedded into the joint using tile adhesive.

Curved partitions

- 6mm Glasroc H **TILEBACKER** can be curved to 600mm radius, for ease of fixing where possible use 2400mm long boards. Fix the boards horizontally. Stagger the board joints and avoid joints occurring on the apex of a convex curve.
- Fix the board using British Gypsum Drywall Screws at 300mm centres in the field of the board and 150mm centres at the board ends.
- Board joints can be reinforced with 50mm Thistle ProTape bedded into the joint using tile adhesive.

Full installation details for **GypWall CURVE** systems can be found in **The British Gypsum White Book**.

Step 3 – Prepare for tiling



- You can tile directly onto the pre-primed surface, but wipe down to remove any dust before you start.

- Seal around any perimeters (including the board base) with waterproof silicone sealant. Fill joints with waterproof tile adhesive.

Step 4 – Tiling



- Use a thin bed of adhesive to fix the tiles. Ensure you follow the manufacturer's advice. The primed surface of Glasroc H **TILEBACKER**, is compatible with all commonly available tile adhesives.
- On walls you can fix tiling systems up to 32kg/m² in this way. For tiling systems weighing more than 32kg/m², please contact your tile supplier for installation guidance.
- On floors, tiling systems up to 50kg/m² can be fixed to Glasroc H **TILEBACKER**, however you should ensure the sub floor is structurally capable of taking the tile loading.

Step 5 – Finish the job

- Once the adhesive has set, seal tiles with waterproof grout and carefully seal around all perimeters with waterproof sealant.
- Take care when sealing wall and floor joints and junctions with the bath or shower base, to ensure these are well sealed.
- Where walls include part-tiled areas, e.g. low moisture environments, skim with Thistle MultiFinish or joint using Gyproc Easi-Fill above the tile line. Finish with moisture-resistant paint.



Work safely

Glasroc H **TILEBACKER** boards are lightweight and easy to install, however you should still take care when lifting and carrying:

- Wear the right PPE, including gloves.
- Make sure your body is always correctly balanced when carrying and moving boards.
- Get help when carrying boards upstairs.

Check out our **Site Book** for detailed guidance.

Technical product information

Board property	Performance	Standard
Board sizes – 6mm	900 x 1200mm = 6.2kg 2400 x 1200mm = 16.4kg	EN 15283-1
Board sizes – 12.5mm	900 x 1200mm = 10.6kg 2400 x 1200mm = 28.2kg 2700 x 1200mm = 31.8kg 3000 x 1200mm = 35.3kg	EN 15283-1
Moisture resistance	H1	EN 15283-1
Tile load capacity – 6mm floor	50kg/m ²	
Tile load capacity – 12.5mm wall	32kg/m ²	
Radius of curvature – 2400 x 1200 x 6mm board	600mm	
Longitudinal flexural structure – 6mm	258N/300mm	EN 15283-1
Transverse flexural structure – 6mm	101N/300mm	EN 15283-1
Longitudinal flexural structure – 12.5mm	537.5N/300mm	EN 15283-1
Transverse flexural structure – 12.5mm	210N/300mm	EN 15283-1
Mould resistance	0 mould growth	BS 1982-3
Total water resistance	<5%	EN 15283-1
Surface water resistance	<180g/m ²	EN 520
Reaction to fire	A1	EN 13501-1
Thermal conductivity	0.30W/mK	EN 12524-2000
Water vapour resistance factor	μ = 10	EN 12524-2000
Edge detail	Square edge	

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British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: british-gypsum.com. For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

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