

BAL Board

Product Information

Approved and tested

BAL Board is CE and BBA approved and manufactured according to ISO 9001 for quality control. The product achieves EN 13501-1:2007 + A:2009 for fire resistance as A1 non-combustible.

Warranty

BAL Board is protected with BAL's 25 year guarantee.

Product availability

PRODUCT	DIMENSION	WEIGHT
BAL Board 6mm	1200 x 600 x 6mm	4.5kg
BAL Board 12mm	1200 x 600 x 12mm	9kg

FAQs

Do I need to prime BAL Board before I tile onto it?

Priming is usually carried out at the recommendation of the tile adhesive manufacturer. As best practice, BAL recommends priming (using BAL Prime APD for example) onto any cement-based or magnesium oxide board prior to tiling with a BAL flexible cement-based adhesive.

Can I use BAL Board around multi-fuel or log burning stoves?

Yes. 12mm BAL Board can be used on masonry walls as a finish to the fire opening or as a reference plate on the chimney itself. It should not however be used as a hearth. BAL Board is Fire Rated, Non-Flammable, Non-Combustible to BS 476 Part 4 and BS EN ISO 1182 - Euro Class A1. To be used with correct adhesives.

Can I use BAL Board in conjunction with underfloor heating?

Yes, BAL Board provides a high level of tolerance during hot and cold cycles. Fix the board onto the floor substrate and lay the electric heating cables on top before levelling with a suitable levelling compound and tiling with a BAL flexible tile adhesive. Never place heating elements under the board. Always check with the heating manufacturer as to suitability of direct installation.

Can BAL Board be used in a wet room?

Yes, but the tile backerboard must be tanked with an appropriate tanking kit such as BAL Tank-it.

Can I put BAL Board directly onto concrete?

Yes, BAL Board can be fixed directly onto concrete to provide a firm and stable substrate for floor tiling. The concrete should be level prior to installation.

Can I finish BAL Board with anything other than tiles?

Yes, you can flip the BAL Board over and finish with paint or wallpaper as required.

Don't forget:

BAL Scrim Tape for application to board joints.

BAL Prime APD for use before tiling; with BAL flexible cement-based adhesives.

BAL Micromax2 grouts for tile joints.

BAL Micromax sealants for a colour-matched finish.

BAL Board

A lightweight, water and mould resistant alternative to plasterboard and timber when fixing tiles.

New from BAL – the market leaders in full tiling solutions

BAL Board is a specialist magnesium oxide tile backer board. Its unique construction uses the highest quality raw materials and is manufactured under strict BS EN ISO approved quality control procedures to provide superior performance against all other backer boards.

The high quality construction means the BAL Board can proudly provide BBA approval and our trusted 25 year guarantee providing you peace of mind that your installation will last the test of time.

Providing fixers with a strong and stable background for wall and floor tiling in any internal environment, the BAL Board is water and mould resistant and will not swell, rot or degrade over time making it ideal for wetrooms, bathrooms, kitchens and swimming pool areas. It is also suitable for use with underfloor heating.

Available in 6mm and 12mm thicknesses, the easy to carry and transport 1200 x 600mm sized boards are simple to install and secured at 300mm intervals, eliminating waste and reducing unnecessary cutting.

BAL Board is perfect for fixing large format wall or floor tiles. With a weight tolerance up to 100kg per m², it's the strongest board on the market with a superior weight tolerance than plasterboard or timber based sheets.

Lighter, simpler, stronger, safer and cleaner – making your life easier!

BUILDING ADHESIVES LTD
Longton Road, Trentham
Stoke-on-Trent, ST4 8JB, England
www.bal-adhesives.com

Sales

Tel: +44 (0) 1782 591160
Fax: +44 (0) 1782 591131

Technical/Training

Tel: +44 (0) 1782 591120 or
Tel: +44 (0) 845 600 1 222
Fax: +44 (0) 1782 591121

Unit 622, Phase III,
Northwest Business Park,
Ballycoolin, Dublin 15, Ireland
Tel: +353 (0) 1 880 9210
Fax: +353 (0) 1 880 9211

Email: info@building-adhesives.com



Lightweight
tile backer
board for
all internal
environments

YOU + BAL

bal-adhesives.com
@BALtiling BALtiling

YOU + BAL

bal-adhesives.com
@BALtiling BALtiling

Don't take our word for it...

Contractors rated BAL Board as far superior to equivalent leading cement-based boards in trials:

- 100% of all fixers trialled preferred BAL Board over the equivalent leading cement-based boards
- BAL Board scored 'excellent' overall, compared to 'poor' for the leading cement-based board. (Scores based on ease of handling, cutting, application, stability and installation speed).

“Makes handling much easier, when moving around sites and installing.”

“An excellent product, easy to handle, easy to cut and once fitted a great solid substrate.”

“This product is a vast improvement on my current cement board.”

“This board didn't crumble when cutting, nice and solid to use.”

“Keeps flat and rigid on the wall. Cuts as easily as plasterboard with no mess.”

Why choose BAL board?



STRONGEST ON MARKET

Provides an excellent surface to promote a strong bond with tile adhesive and when correctly applied, will support a combined weight of tiles and adhesive of up to 100kg/m².



MOISTURE AND WATER RESISTANCE

Won't warp, rot or degrade over time even in the wettest conditions.



BREATHABLE

Ensures a healthy, durable environment with an ability to absorb and release moisture.



MOULD RESISTANCE

Constructed with materials resistant to mould growth.



THERMAL RESISTANCE

Provides a high level of tolerance during hot and cold cycles and is suitable for use with underfloor heating.



GREEN BUILD

Cold fusion, low carbon manufacturing process significantly reduces CO₂ output compared to competitors. Part of BAL's Cool Earth range of products.



EVEN EASIER TO INSTALL

15-35% lighter per m² than cement-based boards, no specialist cutting tools or specialist fixings required. Tile on printed side, paint or wallpaper on blank side.



REDUCED COSTS

No specialist tools or specialist screws required. Simply cut with a craft/utility knife or sharp blade and screw fix with standard stainless steel or hot dipped galvanised screws (to timber studwork).



SAFER INSTALLATION

Minimal dust when cutting. Will not cause harm to persons or environment. Also provides an A1 non-combustibility fire rating.



FIXER APPROVED

Scored significantly higher in end-user tests than alternate leading cement-based boards.



LEADING WARRANTY

Product fully supported by BAL's trusted 25-year guarantee.



BBA APPROVED

Both BAL Boards fully approved and certified by the BBA.

Installation instructions

Walls (framework or masonry)

Either board suitable, but 12mm board recommended.

1. Ensure wall or framework is structurally sound, clean and dry.
2. Determine preferred layout (BAL Board should be installed horizontally in a 'running bond' / off-set pattern), marking boards accordingly and simply score and snap the BAL Board to the desired size.
3. Offset boards when fixing. Overlap so no corners meet. The tiling side is marked on all BAL Boards. (Note: the blank side of the BAL Board can used to paint or wallpaper when not tiling the whole room).
4. For timber framework use standard stainless steel or hot dipped galvanised screws. Ensure fixings are a minimum 20mm from bottom & 15mm from side at 300mm maximum intervals. Ensures screws are countersunk. For masonry walls use high-strength cartridge sealant on the back of the board to provide initial adhesion and fix with 6mm x 60mm stainless screws into brown wall plugs, leaving 100mm from the top and bottom edges and 50mm from the left and right edges when fixing (ensure 50mm embedment into the wall and never overscrew – keep flush with board). BAL Board should be primed with BAL Prime APD prior to using a BAL flexible cement-based adhesives. Priming not required prior to using ready-mixed adhesive.

Floors

Either board suitable, dependent on floor stability.

6. Check the subfloor is free from dust and debris and completely flat. Minor differences in levels can be evened out by using a minimum 6mm solid bed notched trowel and apply a layer of BAL flexible tile adhesive onto the floor. When using on timber floors, fix the board at maximum 300mm fixing centres using countersunk screws. If fixing directly into tongue and grooved floor boards, prime the floor boards first with BAL Prime APD and fixing the BAL Board with a layer of BAL flexible tile adhesive before fixing the board at maximum 300mm fixing centres using countersunk screws.

Wall and floor completion

7. When fixed to walls or floors as above, finish installation by running a bead of BAL Micromax Sealant along the internal joints.
8. Bed BAL Scrim Tape over all board joints, using BAL flexible tile adhesive as extra reinforcement. Allow the bedding adhesive to dry on the Scrim Tape before applying the BAL tile adhesive and tiles (or tanking if required).

Tanking with a waterproofing kit such as BAL Tank-it is recommended before tiling if the installation is in a shower, wet room or swimming pool surround walls.

For further details always refer to the latest BAL Technical Data Sheet, or contact the BAL Technical Advisory Service.