

Specification for use as tile backer board in window and door reveals

Product Ref: Marmox Multiboard

Product Use: Intermediate substrate to ceramic and stone tiling on aircrete (AAC) block walls.

Manufacturer: Marmox Ltd

Address: Marmox UK Ltd, Caxton House, 101 Hopewell Drive, Chatham, Kent ME5 7NP.
01634 835290; Email: sales@marmox.co.uk; <http://www.marmox.co.uk/>.

Description: Extruded polystyrene covered on both sides with fibreglass mesh encased in a c.0.75mm layer of polymer modified concrete which permanently bonds the mesh to the polystyrene.

Dimensions allowed for this detail:	STD. Width: 600mm, Length: 1200mm, Thickness: 10, 12.5, 20, 30, 40, 50, 60mm
	LONG Width: 600mm, Length: 2400mm, Thickness: 10, 12.5, 20, 30, 40, 50, 60mm
	BIG. Width: 1200mm, Length: 2400mm, Thickness: 12.5, 20mm

Properties: Decoupling between the tiled surface and the sub-structure, thermal Insulation unaffected by moisture, Waterproofing, Enhanced tile adhesion.

Authorities: ISO9001 (*Bureau Veritas*), Energy Saving Trust Recommended for insulation.

CE+UK Marking: EN13164 – T1 – CS(10\Y)400 – CC(2/1/10)115 – WL(T)3

Fixing Method: **The Marmox board is fixed using tile adhesive only**

Ideally, the void between the back of the board to the masonry should be minimal. However If a void is required (e.g. to meet the edge of the window frame etc.) it should be filled – either with several strips of Marmox board adhered together or thicker pieces of Marmox board.

Layering the Marmox board into this space will of course improve the insulation.

Dotting and dabbing is not advisable – the space should be filled with Marmox board.

- The reveal board should be enclosed within the boarding on the walls and at the same level as the edge of those wall boards.
- The masonry should be primed in accordance with the adhesive manufacturer's advice.
- Boards are cut to strips to fit into the gap between the window frame and the overhanging Marmox board on the wall. A 5mm gap should be left along both sides which should subsequently be filled with MSP-360.
- If one layer of Marmox board is not thick enough, additional layer should be added, held together with tile adhesive.
- By adjusting the thickness of tile adhesive used, the final layer of Marmox board should be square and flush with the edge of the wall boards and the window frame / door frame.
- To provide a stable bed for the edge profile, it is preferable to have the reveal board passing over the edge of the boards on the wall rather than having it encased by the boards on the wall.
- Begin tiling by fixing the edge profile strip first.