

Specification for use as Curved tile backer board on Walls

Product Ref: Marmox Curved Multiboard

Product Use: Intermediate substrate to ceramic and stone tiling on internal and external curved walls.

Manufacturer: Marmox Ltd

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

Description: 36kg/m³ density extruded polystyrene covered on both sides with fibreglass mesh encased in a 0.75mm (*approx*) layer of polymer modified concrete which permanently bonds the mesh to the polystyrene. One face has 2mm wide slices every 20mm across the 600mm width. These slices penetrate 75% into the board and allow the board to be folded in on itself (*the close these 2mm wide gaps*) to create a curved surface.

Dimensions: Marmox Curved Multiboard is available in just one size
Width = 600mm, Length = 1250mm, Thickness = 20mm

Properties: Decoupling between the tiled surface and the sub-structure, thermal insulation unaffected by moisture, Waterproofing, Enhanced tile adhesion.
Suitable for external use.

Authorities: BBA Certified (09/4687), ISO9001 (*Bureau Veritas*), Energy Saving Trust Recommended for insulation.

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

Specification for Fixing to Stud Walls (Timber / Metal) use screws and Marmox Washers and Marmox MSP-360

Marmox Curved Multiboard, 600mm x 1250 x 20mm is fixed directly to timber or metal studwork with centres no greater than **300mm** with screws and washers every 300mm with support on all edges of the board. All board joints/edges are taped. The serrated face is in contact with the frame and is 'folded' in on itself to create the curve.

- Use corrosion resistant screws approximately 20mm longer than the thickness of the board.
- Fix every 300mm down each batten. Screws should be placed about 15 to 20mm from the edge of the board.
- On a frame, all board edges must be sealed together using a bead of sealant (Marmox MSP-360).
- Sufficient sealant should be used so that it will "spill" out of the joints and onto the frame to create additional bonding and waterproofing.
- For tiling above a height of 2 metres, tiles will require mechanically fixing. It is important to note that if fixing to a timber/metal frame, the only place the tile clips can be used is directly in front of the frame because clips cannot be used in the Marmox material, clips need to pass through the Marmox into the substrate behind.

Specification for Fixing to Masonry Walls Use a cement based tile adhesive

Marmox Curved Multiboard, 600mm x 1250 x 20mm is fixed to the wall with a continuous bed of cement-based tile adhesive with the serrated side in contact with the wall 'folded' in on itself to create the curve. All board joints/edges are taped.

- For fixing to a wall (*variation <3mm*) use a continuous layer of tile adhesive (approx. 4 - 6mm)
- Tape over joints with reinforcing tape.
- For tiling above a height of 2 metres, the boards should also be mechanically fixed with screws and washers positioned every 600mm.
- For tiling above a height of 2 metres, tiles will require mechanically fixing. The clips must be secured into the substrate behind the Marmox board because the boards, having a polystyrene core do not provide any grip for mechanical fixings.