

## Specification for use as Renderable/Plasterable insulation board on Walls

**Product Ref:** Marmox Curved Multiboard

**Product Use:** Renderable and plasterable internal and external insulation panels for curved walls.

**Manufacturer:** Marmox Ltd

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**Description:** 36kg/m<sup>3</sup> 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:** Low thermal conductivity (0.034W/mK) unaffected by moisture.  
Does not expand or contract as temperature and humidity alters.

**Authorities:** 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 of 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.

### **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.

- Ensure there are no air voids between the board and the wall and fill in any voids with a simple sand/cement concrete.
- For fixing to a wall (*variation <3mm*) use a continuous layer of tile adhesive (approx. 4 - 6mm)
- Tape over joints with reinforcing tape.

**Render/Plaster:** Dampen the surface of the Marmox board.

Any exposed (foam) edges should be covered with scrim tape + MSP-360 before rendering.

Curved board can accept a single coat of plaster *or a traditional two coats of render*:-

Apply a first coat of render onto the Marmox board surface.

Before this hardens, press fibreglass tape into this material.

Apply the finishing layer of render.