

Specification: Tile backer board on an OSB or Chipboard sheet flooring

Product Ref: Marmox Multiboard

Product Use: Intermediate substrate to ceramic and stone tiling on a timber sub-floor made of OSB or chipboard.

Manufacturer: Marmox Ltd

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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	Multiboard: Width = 600mm, Length = 1250mm, Thickness = 4/6/10/12.5/20/30/40/50/60mm
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Properties: Resistant to external environment and temperatures.
Low thermal conductivity (0.034W/mK) unaffected by moisture.
Does not expand or contract as temperature and humidity alters.
Absorbs lateral movement in the sub-floor to reduce the risk of cracking in the paved/tiled surface.
Completely impermeable to water.

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: Marmox Multiboard is fixed to this type of floor USING BOTH a continuous bed (3-5mm) of flexible cement-based tile adhesive and also screws and washers.

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| <ul style="list-style-type: none"> • Boards are configured in a brick-bond pattern when possible. • Apply a continuous bed of cement-based 'flexible grade' (a.k.a. 'C2 grade') tile adhesive to the timber floor using a 6-4mm notched trowel. • Marmox Multiboard is fixed to the plywood using screws and Marmox washers at 300mm centres (<i>15 fixings per board – irrespective of board thickness</i>). • Lay subsequent Marmox boards with a small gap of c.2-3mm between boards • Apply a line of Marmox MSP-360 into the gaps between boards which seals the boards together making a waterproof barrier. • When the adhesive has cured, add five screws and Marmox washers per board (<i>one in each corner one in the middle</i>). • A 5mm gap is left between the boards and the wall which is also filled with Marmox MSP-360. • Reinforcing tape (scrim tape) is applied over the joints just prior to tiling except in extreme wet areas (<i>e.g. where there is likely to be standing water</i>) where Marmox self-adhesive Waterproof Tape should be used instead. |
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Limitations:

- Compounds containing organic solvents (*including solvent-based tile sealers*) must not be used.
- Temperatures in excess of 75°C are not appropriate.
- Tiles no smaller than 5cm x 5cm should be used on the floor.
- If the floor includes expansion joints, Multiboards must not be fitted over them.