



## Specification for a self-draining level access shower floor

**Product Ref:** Marmox Showerlay

**Product Use:** Sloping Shower former for use underneath ceramic and stone tiling.

**Manufacturer:** Marmox Ltd

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

**Description:** A rectangular piece of 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. The board slopes with a constant gradient from the outside edge to where the hole is located. A frame to hold the bespoke drain is already fitted to the unit.

**Dimensions:** Various Dimensions from 900mm x 900 to 1850mm x 900mm

**Thickness:** 20mm (majority), 24mm (units with any dimension greater than 1200mm), 40mm (Linear versions, Fastflow versions, standard versions upon request)

**Drain Options:** **Standard drain** is a Dallmer Showerlay drain with a flow rate of 32ltr/minute. Available with either standard drain cover or deluxe version. Designer grids(140mm x 140mm) can also be used with this this frame.

**Linear Drain** version uses the Kessell Linearis drain which has a flow rate of 36ltr/minute.

**Fastflow** drain is the Dallmer "Orio Plus" with a flow rate of 48ltr/minute. Available with the Fastflow version only.

**Specification:** On concrete and timber floors.

Fix the Marmox Showerlay (....mm x ....mm x ....mm) to the floor using a cement based flexible tile adhesive to provide a sloping base that is ready to be tiled. Marmox Showerlay is only compatible with drains supplied by Marmox UK.

When using tile adhesive is not possible.

Fix the Marmox Showerlay (....mm x ....mm x ....mm) to the floor using Marmox Sealant to provide a sloping base that is ready to be tiled. Marmox Showerlay is only compatible with drains supplied by Marmox UK.

**Properties:** Built-in falls, Waterproof, Thermal Insulating, Enhanced tile adhesion, Easy to trim to any shape.

**Authorities:** ISO9001 (Bureau Veritas), ETA (Sintef), (no hEN for these types of product therefore no CE Marking is possible)

**Fixing system:** TIMBER OR CONCRETE FLOORS: Must be fixed to a solid stable floor using a continuous bed of tile adhesive with no voids (C2 grade)

WHEN CEMENT BASED TILE ADHESIVE CANNOT BE USED: For such situations as metal raised access flooring, fix with a non-solvent based adhesive such as MS polymer or Marmox Sealant but this must cover the entire base.

WHEN IT IS NOT POSSIBLE TO SUBMERGE THE DRAIN: For example when the floor cannot be dug into if the room is part of a block of flats for instance. The Showerlay should be fitted on top of a 100mm thick **Marmox Showerlay Plinth** (*high density extruded polystyrene*). The drain and drainpipes are placed inside this. Marmox Showerlay Plinth is available in one thickness (100mm) and supplied in units of 1500mm x 1000mm.

WITH ELECTRIC UNDER TILE HEATING: *Marmox Showerlay is constructed of the same material as Marmox Multiboard which is commonly used as the insulation board for these systems.*

Place the electric cable/matting directly on top of the Showerlay and secure with tae, staples etc. Leave a gap of uncovered Showerlay at least 200mm around the drain frame to the start of the heating elements because putting the elements too close to the drain will affect the heights.

**Treatment:** Seal with Marmox Self-Adhesive Waterproof Tape. No other tapes, membranes or primers are necessary. Marmox Self-Adhesive waterproof tape is not required in areas that might just get damp or splashed occasionally.

Surrounding floors should be covered in Marmox board or suitable alternative waterproof membrane with all gaps in wet areas sealed with Marmox waterproof tape.

No need to prime, tile directly onto the surface.

For larger tiles (>10cm) cut the tiles along the four lines from each corner to each corner of the drain frame to make them fit flush against the surface of the Showerlay.

**Limitations:**

- 1) Not suitable for any type of sheet flooring - ceramic or stone tiles only.
- 2) Except when using the 40mm thick versions, the minimum tile dimension 5cm x 5cm
- 3) Compounds containing organic solvents must not come into contact with Marmox Showerlay.
- 4) Temperatures in excess of 80°C are not appropriate.
- 5) Underfloor heating should not be used underneath the Showerlay since it is an insulating board and will trap the heat – heating systems should be on top of the Showerlay.
- 6) Can only be used with specified drains supplied by Marmox UK.