

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

- Product Ref:** Marmox Showerstone
- Product Use:** Sloping Shower former for use underneath sheet flooring, standard and mosaic tiling.
- Manufacturer:** Marmox Ltd  
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01634 835290; Email: [info@marmox.co.uk](mailto:info@marmox.co.uk); <http://www.marmox.co.uk/>.
- Description:** A rectangular piece of GRP/polymer concrete composite having a perimeter thickness of 22mm sloping down to 5mm where the drain is located. The board slopes with a constant gradient from the outside edge to where the hole is located. A 20mm wide lip with a diameter of 200mm surrounds the drain hole which supports the McAlpine TSG52 gully. Marmox Showerstone can take point loading so is ideal for use with sheet flooring or mosaic tiles. It is strong enough to sit directly on joists without full support.
- Dimensions:** Various Dimensions from 900mm x 900 to 1500mm x 800mm. All are 22mm thick.
- Drain Options:** Marmox Showerstone is designed to fit the McAlpine TSG52 – vinyl flooring or tile version. Other drainage systems may be compatible but only the McAlpine TSG52 series has been approved by Marmox UK.
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| <p><b>Specification:</b> <u>On timber floors.</u><br/>Fix Marmox Showerstone( ....mm x ....mm x 22mm) directly onto the floor joists with additional support around the drain and the perimeter edges. Set the McAlpine TSG52 drain into position using Marmox Sealant and secure the Showerstone into position with screws</p> <p><u>On concrete floors.</u><br/>Fix Marmox Showerstone( ....mm x ....mm x 22mm) onto the floor using Marmox Sealant which is also used to fix the McAlpine drain into position. Ensure as much of the underneath of the Showerstone around the drain hole is supported by filling in the drain holding cavity with either sand/cement or expandable foam.</p> |
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- Properties:** Built-in falls, Waterproof, sufficiently robust to sit directly on joist, no point load limitation. NOT Insulating therefore can be placed over and on top of under-floor heating.
- Authorities:** ISO9001 (Bureau Veritas), (no hEN for these types of product therefore no CE Marking is possible)

**Fixing system:** TIMBER JOISTED FLOORS: First fix the main part of the two section gully to the drain pipe. Lay directly onto joists ensuring all edges are supported with additional joists and that the drain is supported with a timber support placed at joist level. Fit the drain into position using a bead of Marmox Sealant. Secure around the drain and around the perimeter edge with screws.

CONCRETE FLOOR: First fix the main part of the two section gully to the drain pipe then fill in this cavity with either sand and cement or expandable foam to that the “flange area” of the Showerstone is supported. This areas needs to be secured to ensure that it is the lowest position of the tray. Fix the Showerstone to the flat surface of the floor (which now encircles the submerged drain) using Marmox Sealant or an approved alternative such as Bostik Serious Stuff. This same sealant is used to create the waterproof seal around the McAlpine drain.

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 is a block of flats for instance. The Showerstone 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.

**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, apply the vinyl or tile adhesive 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 Showerstone.

**Limitations:**

- 1) Can only be used with specified drains supplied by Marmox UK.