



Installing the WetBase[®] Linear Universal wet room tray

Introduction

Wetrooms Online WetBase[®] Linear Universal shower trays are designed to create a walk-in shower area without raised steps or platforms. These instructions show how to install the tray on a **WOODEN** floor.

The coated shower tray is pre-machined and hand finished to ensure the correct fall in all directions to the drain which is partly attached to the underside of the tray during manufacturing. It requires additional support which is achieved by fitting 18mm Marine Ply panels between the floor joists. Conventional floor boards are approx. 20mm thick, the Linear tray is 30mm thick so 10mm tile backer boards are required over the remaining floor to bring it level with the top of the WetBase[®] tray. This may vary from installation to installation.

If required the tray can be installed on a raised platform – see end of instructions.

**PLEASE READ & FOLLOW THESE INSTRUCTIONS CAREFULLY:
FAILURE TO DO SO MAY RESULT IN IMPROPER INSTALLATION AND VOID THE GUARANTEE**

Important Information

This WetBase[®] tray is **NOT suitable for vinyl floor coverings**. It should only be covered by tiles.

The WetBase[®] linear tray is water proof, HOWEVER the joints to the floor and walls will require sealing with the tanking kit.

The WetBase[®] tray can be easily trimmed to accommodate room conditions e.g. out of square corners etc.

If during shipping or installation the corners or edges have been knocked it will not adversely affect the performance of the product.

Simply re-coat or fill the damaged edges with fixing adhesive and then overcoat with the waterproof sealing tape and paint on the tanking solution to the damaged area.

This tray can be trimmed by a maximum of 50mm from each edge. Trim equal amounts off each edge to keep the drain channel central.

Please pay particular attention to under-boarding of the drain channel area as per **step 6**. It is vital that this area is correctly supported, as per the instructions.

DO NOT screw the tray down. This will compromise the waterproof core of the tray and create a leak point.

DO NOT use READY MIXED tile adhesive to fit the tray down, as this dries too quick resulting in cracking.

We advise the use of a flexible tile adhesive mixed from a powdered form to fix the tray down.

DO NOT use silicone sealant to seal joints and where the tray meets the wall etc. **Use non silicone based sealant.**

Reverse the drain channel to tile - maximum tile thickness 10mm

We recommend the use of mosaic tiles which will follow the contours of the tray or large scale tiles which need to be installed with an 'envelope' cut following the contours of the tray.

We **DO NOT** recommend the use of tiles **LESS THAN 10MM THICK**.

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FREEPHONE 0800 280 8008**



1) Clear the working area, establish where you want to fit the WetBase[®] tray and place the tray on top of the floor boards. Mark around the tray with a pencil and draw the position of the waste hole.

The tray can be trimmed with a handsaw up to 50mm off any side if required, removing equal amounts off opposite sides, and not all from a single side, e.g. to remove 50mm in total, take 25mm from each of the opposite sides, and not 50mm from a single side.



WETBASE[®] TRAYS

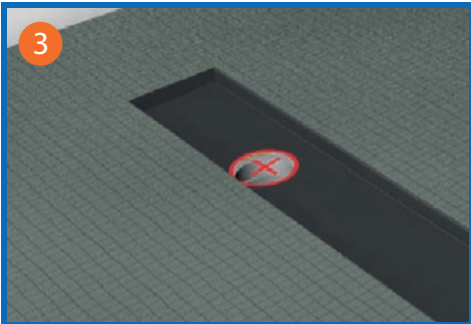
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2) Remove the floor boards from the area where the tray is to be fitted. Ensure you take the floor boards back to the centre line of the nearest joist to ensure maximum support. You may have to refit some of the floor boards around the tray to ensure a snug fit.



3) Identify the best position for the drain trap assembly. The linear drain offers a choice of three trap positions, left, middle or right, so joists can be avoided.

Cut a hole using the 51mm hole cutter from the kit supplied, for the drain trap, in the plastic trough in the bottom of the tray corresponding with the chosen drain position.

More than one drain can be added to increase flow out.

Be careful **not to push down** on the drill during this cutting process, as excess pressure may damage the drain trough.



4) Build a support for the trap with a plywood platform approx. 110mm down from the top of the joists, for the drain assembly to sit on, to prevent the drain from dropping after fitting.

Test fit the trap assembly and ensure correct alignment before fitting the SOLVENT WELD waste pipe.

5) Connect a standard 43mm (1.5 inch) SOLVENT WELD waste pipe into the end of the trap using the solvent weld (not supplied), connecting the other end of the pipe into the main drainage system in the normal manner. Ensure the rubber seal is fitted to the top of the trap and test for leaks by pouring water into the drain.



6) The tray requires even support underneath and we suggest screwing 50mm x 25mm runners 18mm down each side of the joists and cross noggins with extra support timbers where necessary.

Cut 18mm marine ply panels and insert between the joists and fasten down to the support runners using wood screws.

Cut a ROUND shape around the drain trap as circled in image.

Ensure that the remaining trough is fully supported from beneath.

You may have to extend the under-boarding to the nearest joist to ensure the correct support for the tray and remaining floor.



7) Test fit the WetBase[®] Linear Universal tray to ensure a tight fit and alignment with the drain. Apply a thin bed of flexible tile adhesive to the platform you have constructed using a notched trowel. Fit the tray over the bed of adhesive and firm down ensuring the tray is level in all planes. Carefully weigh the corners of the tray down (using bags of adhesive / tiles etc) to help ensure a full and level adhesion.

DO NOT screw the tray down.

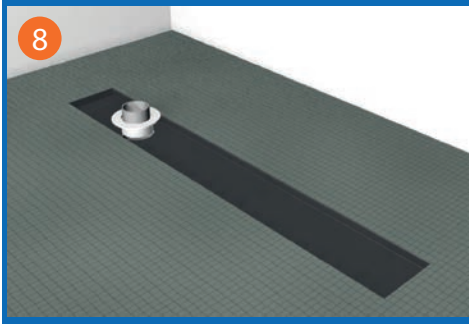


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8) Now fit the drain trap assembly using the securing tool supplied. We suggest you smear a fine bead of non-solvent (silicone based) sealant around the underside rim of the trap before finally securing into place. Leave the securing tool in place until you complete the installation to prevent adhesive etc from blocking the drain.

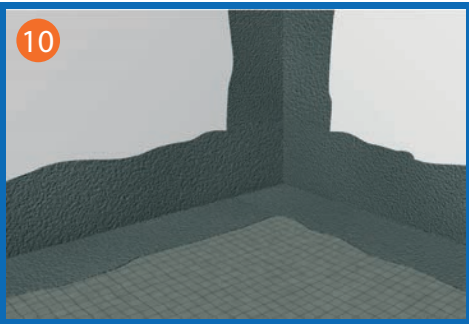
Now lay the tile backer boards over the remaining floor area securing them into place with flexible adhesive and screws using spread washers.



9) Apply a bead of non-solvent based sealant or Jackoboard board fix adhesive to the entire perimeter of the tray and allow to cure.

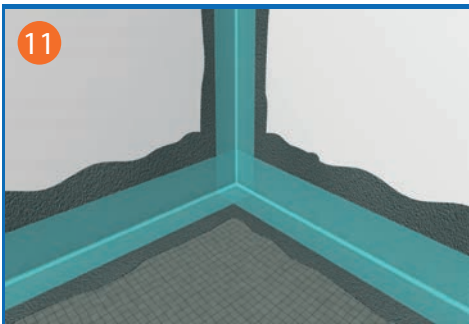
Follow the primer mixing instructions and apply to any porous substrates within your wet zone before tiling, the WetBase[®] tray and tile backer boards do not need to be primed because they are non-porous.

Please see individual primer and tanking instructions for further details.



10) Apply a thin layer of tanking solution on the vertical and horizontal joints of the area to be waterproofed including where the WetBase[®] tray butts up against surrounding walls and tile backer boards.

11) Starting with the horizontal surfaces first apply the rubberised jointing tape (GREY SIDE UP) over the tanking solution. Press out any air bubbles and smooth the jointing tape overlapping in corners to form a seamless joint.



Allow the tanking solution and jointing tape to dry to at least a 'touch dry' state, ideally 24hrs before moving on to step 12.

12) When tanking / tape applied in step 11 is at least 'touch dry' apply the

first of at least 2 coats of the tanking solution to the walls and floor of the wet area, allowing each coat to be at least 'touch dry' before applying the next coat.

In the shower area apply tanking to approx. 1.5 M high and extend at least 30cm out from the shower area to create a 'splash' zone.

An additional tanking kit may be required.

The whole area including the jointing tape should now be a dark grey colour and when dry is ready for tiling. Before tiling locate the grate support frame in the drain trough and adjust its height to accommodate the thickness of your tiles.



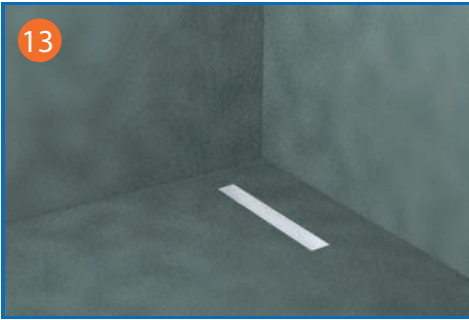


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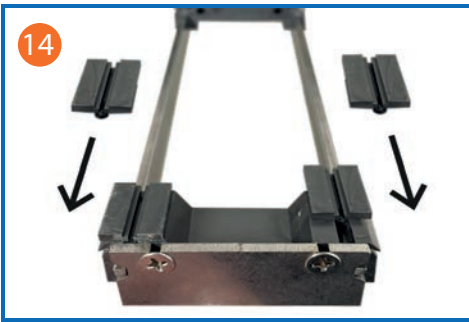
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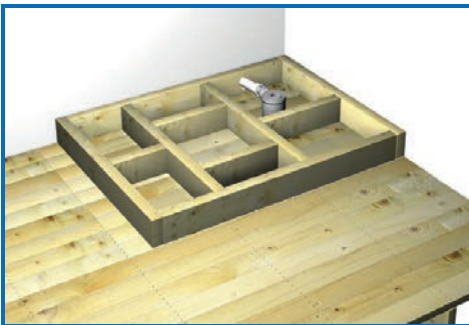


13) Insert the polystyrene block into the linear drainage channel and proceed to tile up to the polystyrene block. Be careful to ensure that no adhesive goes into the drainage channel. Once the adhesive has set, remove the polystyrene block.



14) Assemble the linear waste grid with the supplied plastic risers. Build up each support with the amount of risers required to match the height of the finished tile. Slide the risers into place ensuring that they are seated flat. Place the riser into the drainage channel and seat the grid onto it.

Installing the WetBase[®] tray to achieve a stepped up floor



If you cannot set the tray level into the floor and have to raise the base up, for example to accommodate above floor drainage we suggest you construct a 75mm x 50mm support frame on top of the floor to the overall size of the wetroom area and cover in 18mm ply. Then lay the WetBase[®] on top and secure with flexible tile adhesive.

The support frame should resemble a ladder offering support to the tray in all directions. This can be screwed down to the joists underneath but ensure you have planned the exit point for the waste pipe and trap. Cut your marine ply deck to size and test fit.



Place the tray down on top of the marine ply deck and draw round the drain position. Cut out a ROUND shape in the marine ply as per step 6 and ensure trap is correctly aligned.

Secure the ply deck down to the support frame. Please **return to step 7** and follow WetBase[®] fitting and tanking process.

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