LINEAR WETROOM TRAY

INSTALLATION GUIDE



FREESTYLE | wetrooms

1. USES

The Linear Wetroom Tray is a preformed shower base developed specifically to allow the installation of a wetroom onto timber floor.

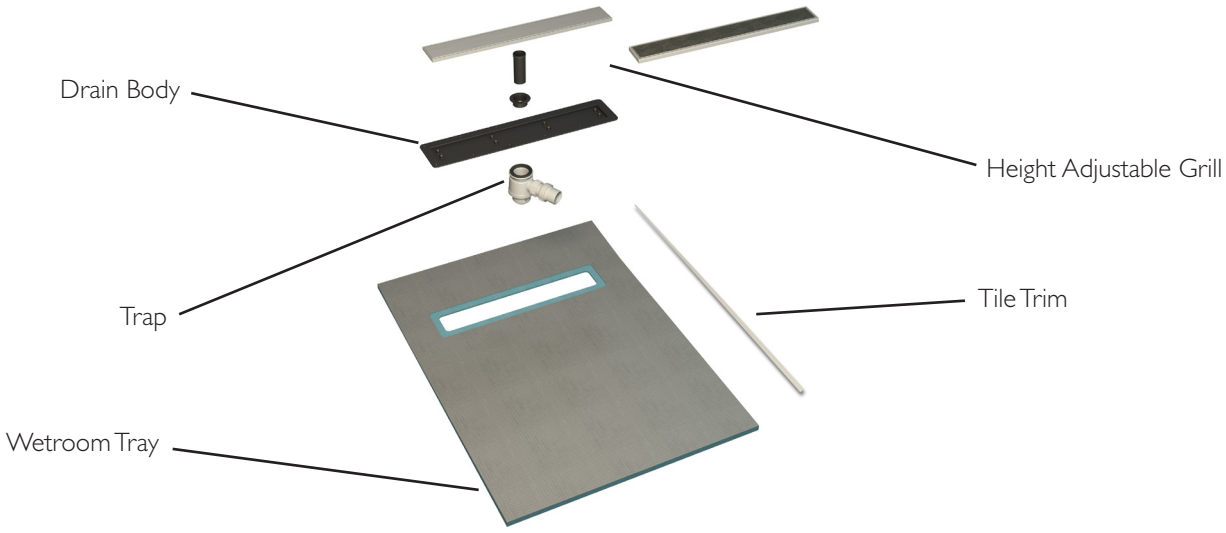
It simply replaces the area where the floor boards have been removed.

Key Features

- Designed for timber floors
- Two way gradient
- 22mm thick
- Trimmable by up to 50mm around the perimeter
- Height adjustable grill
- Flow rate up to 24 L/min (1trap)
  41 L/min (2 traps)
  68 L/min (3 traps)

2. COMPONETS

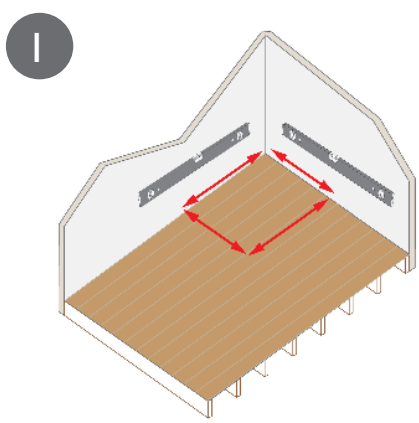
The kit consists of the following:

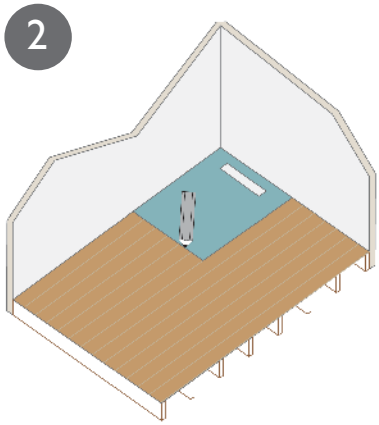


3. STEP BY STEP INSTALLATION GUIDE

The following steps provide a detailed guide to the installation:

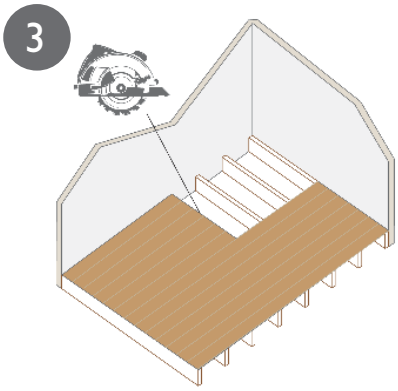
STEP BY STEP GUIDE FOR LINEAR WETROOM TRAY INSTALLATION ON A SUSPENDED TIMBER FLOOR

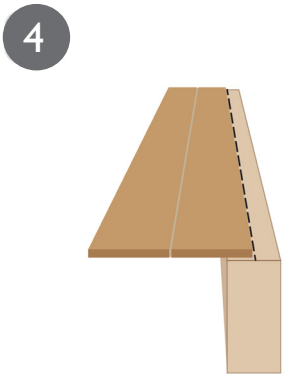




1. Check if floor is level. If not, this will need to be corrected before continuing with the installation.

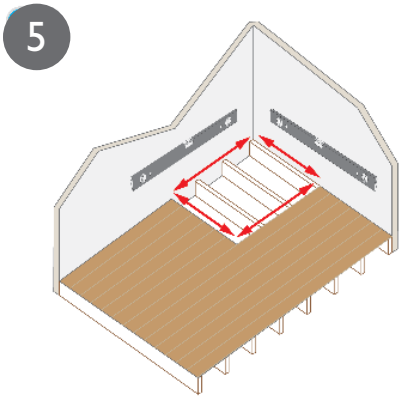
2. Place the tray in position and mark around the edge.

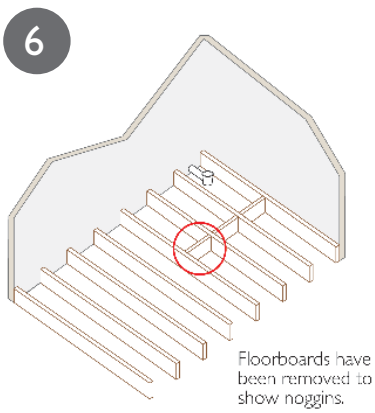




3. Carefully cut along the line that has been drawn using a skill saw, set to the correct depth. Then remove the floorboards in the area where the tray will sit.
NOTE: Beware of hidden pipes and cables within the joist area.

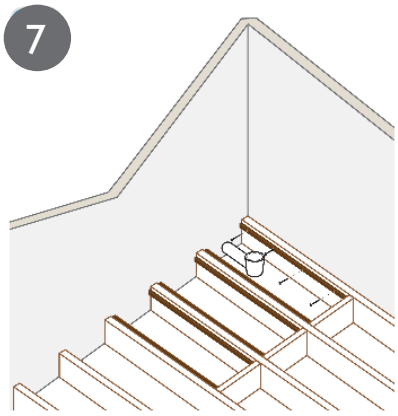
4. Once the perimeter of the tray has been cut round, the floorboard to the centre line of the next joist must be removed.

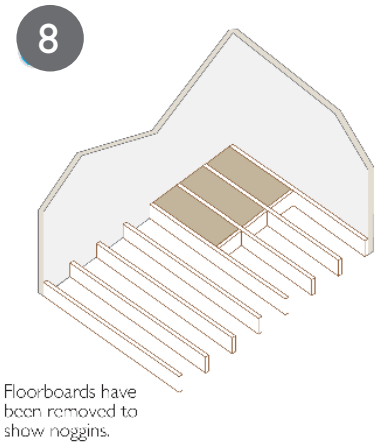




5. Check joists are level. If not, this can be corrected when installing battens.

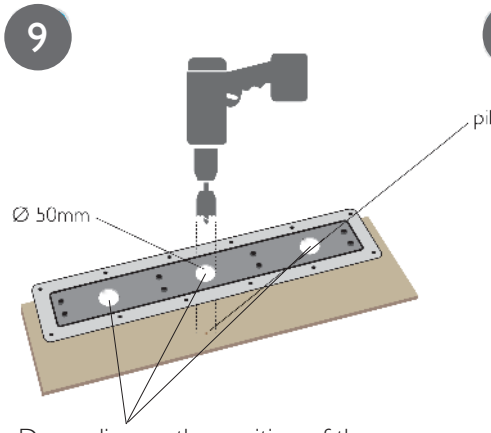
6. Install a 1½ inch solvent weld waste pipe within the shower area.
Where necessary, install noggins to support the edges of the tray.



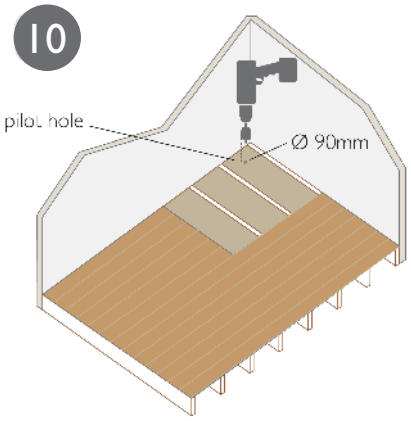


7. Working from the highest point, screw timber battens to the joists at a height which will ensure that the top of 18mm thick plywood will sit level with the highest point of the floor when in place.
NOTE: Do not assume floor joists are level as they may be bowed / distorted.

8. Cut the 18mm plywood and fix onto the timber battens to provide a flat base for the tray.
NOTE: When in place the tray should be perfectly flush with the highest point of the floor.
DO NOT fix the 18mm ply above the waste pipe.

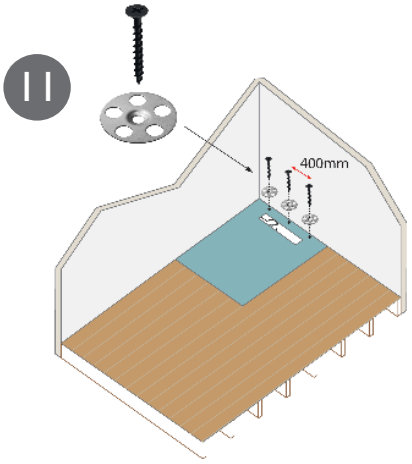


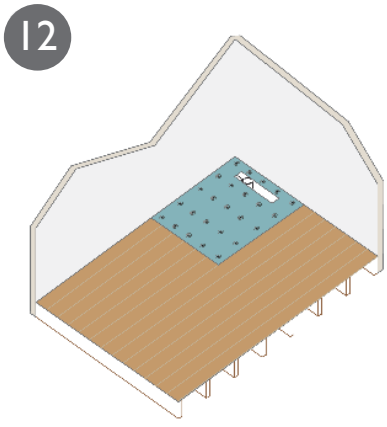
Depending on the position of the trap, the hole can be cut in any of these three places.



9. Again place the tray into position. Loosely fit the drain body. Mark the position of your trap(s) on the centre line of the drain body and cut a 50mm hole, ensuring the pilot drill marks the 18mm ply below.

10. Using the pilot hole as a reference, cut a 90mm diameter hole in the 18mm ply using a hole saw. Remove the ply and loosely fit the trap(s) onto the waste pipe. Loosely re-position the 18mm ply. tray and drain body to re-check alignment. Adjust as required and solvent weld the trap into position, fix the 18mm ply to the support battons.

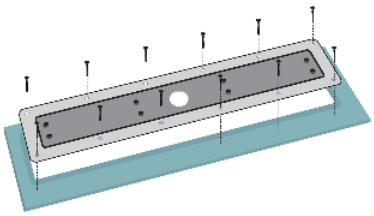




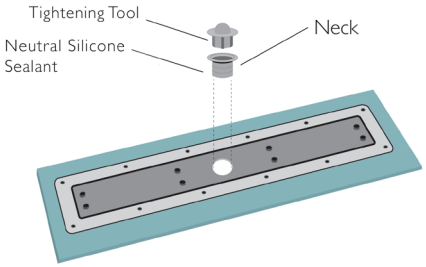
11. Fix the tray to ply support using fixing washers supplied and appropriate length screws with a spacing of 300mm centres. **DO NOT** over tighten screws. The tray is designed to finish flush with 22mm chipboard/ply.

12. Ensure that all of washers provided are used to secure the tray to prevent flexing.

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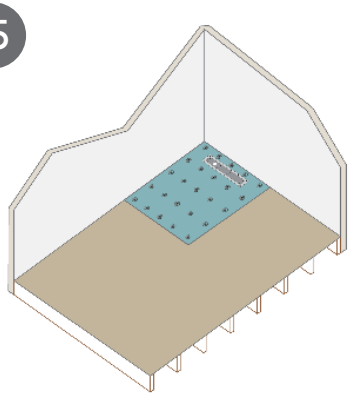
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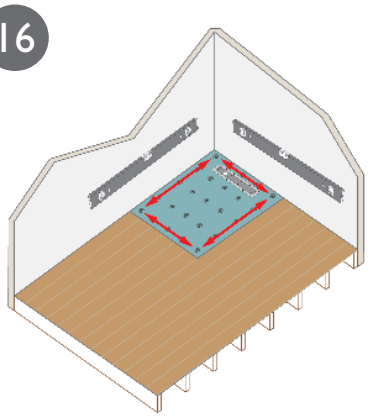
13. Connect the trap to the drain body, (following the separate instructions supplied with the trap), then screw the drain body to the tray.

14. Apply a neutral silicone sealant around the neck and screw the neck into trap body, using the tightening tool provided.

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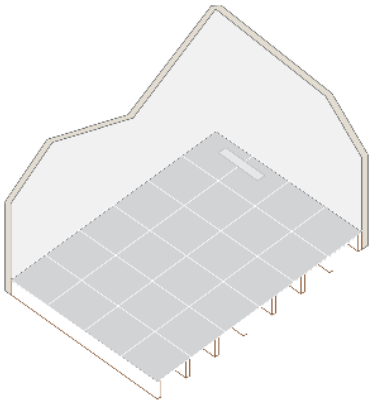


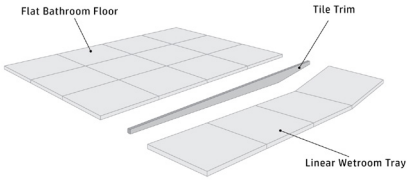
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15. If the flooring is only 18mm thick, a 4mm plywood or tile backer will need to be laid over the remainder of the floor to bring it up to the level of the installed tray.

16. Finally, check that the tray is level. **IMPORTANT:** The rest of the area is now ready to install the floor membrane. Remember to clean the drain component with the alcohol wipe supplied prior to installing the floor membrane.



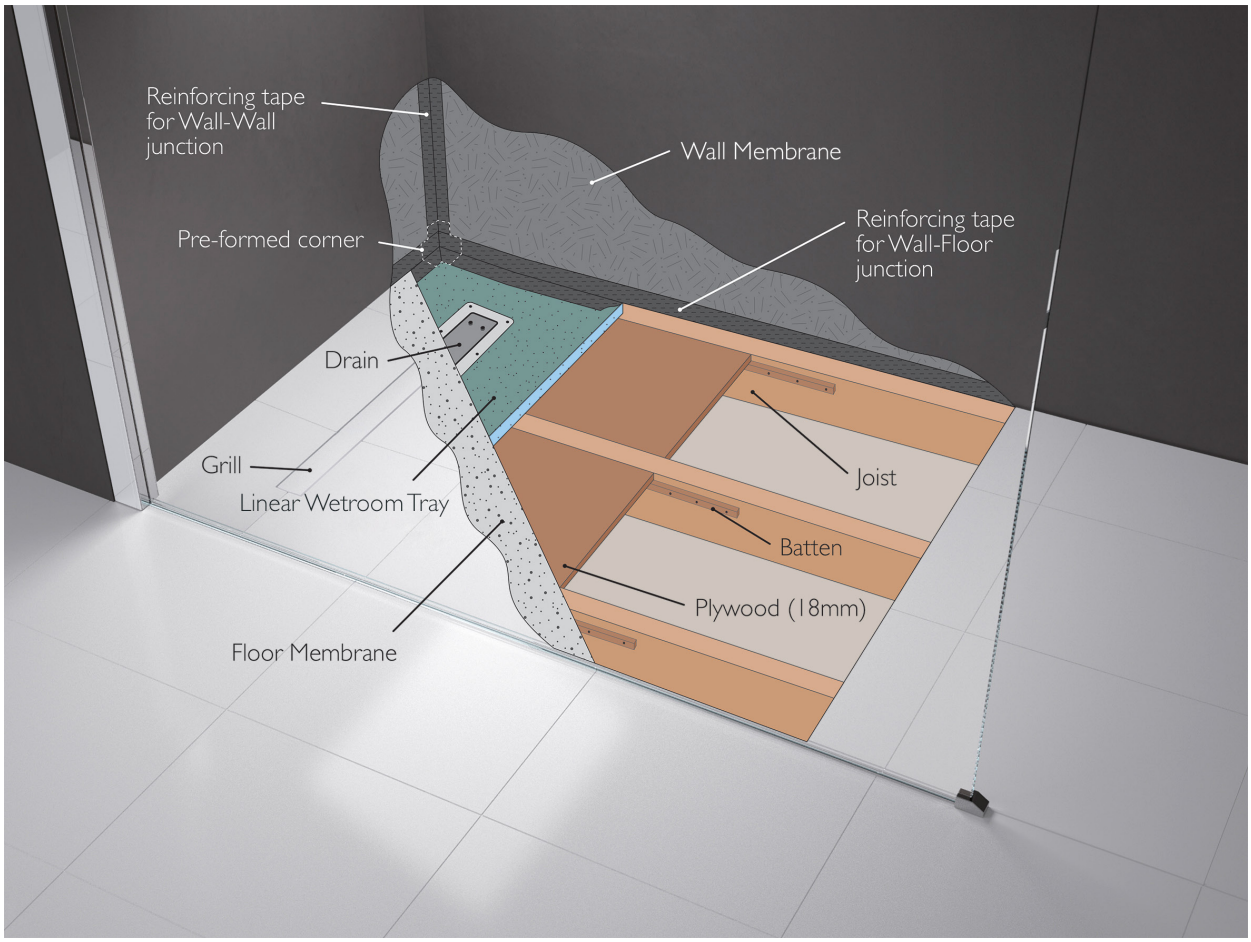


NOTE: For full details of the membrane see separate installation instructions.

After the floor membrane has been installed, fit the grill and adjust as necessary, following separate instructions supplied.

The floor is now ready for tiling.

4. TYPICAL FLOOR BUILD-UP



5. IMPORTANT NOTES

- Always fully support the tray and drain component with a minimum of 18mm plywood base.
- Ensure the correct length screws are used to secure the stainless steel frame to the drain component. Only use longer screws when using the larger spacing washers.
- Do not over tighten the fixing screws as this may damage the drain component.
- Always use the alcohol cleaning wipe to de-grease and clean the drain body prior to the installation of the membrane.
- Ensure the dip-tube is replaced after the trap is installation.
- Maximum flow rate of a single trap in a wetroom is 24L/min.
- The waterproof membrane should cover the entire tray and a minimum of one metre beyond in either direction.
- Always tile using a water resistant S1 or C2 cementitous tile adhesive, meeting the requirements of BS EN 12004. Tile grout should be water resistant, meeting the requirements of BS EN 13888.
- Tiles in wetrooms should be fixed using the solid bed method, i.e. ensuring that there are no voids beneath the tiles.