

STORAGE & HANDLING

- Store the shower tray indoors in a cool, dry environment.
 - Keep away from direct sunlight, frost and heat sources.
 - Either store the tray completely flat and fully supported or completely vertical. Do not store at an angle as this may result in bending.
 - Do not apply uneven loads to the tray when in storage or transport.
 - Do not apply excess weight to the centre of the tray when in storage or transport.
 - Ensure fork and pallet truck forks arms are suitably spread to evenly distribute the load when lifting either singularly or on a pallet.
 - Incorrect storage may result in distortion of the product.
 - Do not drag across surfaces.
 - Due to the weight of the product, a minimum of two persons is required for lifting and installation.
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WARRANTY NOTICE

Failure to follow the installation instructions contained within this guide will invalidate the product warranty.

The manufacturer accepts no responsibility for failure caused by:

- Incorrect installation
- Inadequate or partial bedding
- Structural movement or floor deflection
- Use of incompatible waste fittings
- Failure to inspect the product prior to installation

The tray must not be installed if any defect is identified. Installation of a damaged or incorrect product constitutes acceptance of the product condition.

The manufacturer will not be liable for removal, reinstallation or associated consequential costs where faults could have been identified prior to installation.

Please refer to page 8 for warranty terms and conditions.

SAFETY INFORMATION

- Installation must be carried out by a qualified and competent trades-person.
- The installation is not suitable for DIY (Do It Yourself) installers.
- Ensure safe manual handling procedures are followed.
- Take care when handling sharp tools and sealants.

PRE-INSTALLATION QUALITY CHECKS

Before installation, carefully complete the following checks:

- Confirm the tray is the correct size, model and specification for the installation. Do not rely solely on packaging labels - measure the tray.
- If installing a quadrant or offset quadrant model, confirm correct handing.
- Remove all packaging and protective film. Note that the protective film may closely resemble the tray colour and may not be immediately obvious.
- Check that the colour and finish are as specified and acceptable to the end-user.
- Inspect all visible surfaces to ensure they are scratch and blemish-free.
- Check that the tray is not cracked, chipped, distorted or malformed.
- Confirm that the intended 90mm waste trap is compatible with this model of tray and will accommodate the grate cover.
- Place the tray on a flat, level surface and conduct a drainage test to ensure correct fall. Some small droplets may remain due to surface tension, particularly on new surfaces.

If any fault is discovered, halt installation immediately and contact your supplier.

PRODUCT OVERVIEW

This is a modern, low profile 30mm shower tray. Due to its slim design, correct installation is critical to ensure long-term structural performance. Particular attention must be paid to ensure **FULL BEDDING SUPPORT**.

Unless quadrant models are specified, the tray features an offset centre waste, allowing flexibility in waste positioning. If joists or pipework obstruct installation, the tray may be rotated 180° to provide an alternative waste location.

REQUIRED MATERIALS

- Compatible 90mm waste trap
- Waste grate cover (supplied)
- Sharp sand and cement (for bedding)
- Neutral cure sanitary silicone sealant (non-acetoxy)
- Spirit level
- Trowel
- Measuring tape

FLOOR PREPARATION

The supporting floor must:

- Be structurally sound and rigid
- Be capable of supporting in excess of the combined weight of the tray and user.
- Be free from movement or deflection

Movement beneath the tray may result in stress fractures and will invalidate the warranty.

BEDDING REQUIREMENT (CRITICAL)

The tray must be installed on a full supporting bed of sharp sand and cement mortar.

Recommended mix ratio: 4 parts sharp sand to 1 part cement.

- Mix to a semi-dry, damp consistency (not wet or flowing).
- The mortar must provide full and continuous support across the entire underside of the tray, including perimeter and waste area.
- There must be no voids.

The following methods are strictly prohibited and will invalidate the warranty:

- Dot & dab technique
- Expanding foam/silicone bedding
- Adhesive-only fixing
- Partial bedding

If installing with a riser kit, refer to the "Optional Riser Kit" section on page 5.

INSTALLATION PROCEDURE

- 1.** Ensure all pre-installation checks have been completed.
- 2.** Ensure that the drainage at the property where the installation is taking place is adequate for the intended use. In particular, ensure that drainage pipes are not connected in such a way as to cause back pressure and impede flow.
- 3.** Note that if a steam unit is being installed with the shower tray, the steam outlet must be a minimum of 350mm from the top of the shower tray.
- 4.** Apply a suitable sealing system along all tray edges that abut walls. Follow the seal manufacturer's instructions carefully and do not stretch the seal during application.
- 5.** If installing with an optional riser kit, please now refer to the section 'OPTIONAL RISER KIT'
- 6.** Cut a hole of minimal size in the flooring to accommodate the waste trap and connecting pipework.
- 7.** Position the waste pipework and trap body so that the trap mates naturally with the tray outlet without stress or misalignment. (see *fig. 1*)
- 8.** Apply the sand and cement bedding to the prepared floor area. (see *fig. 2*)
- 9.** Carefully lower the tray into position. (see *fig 3*)
- 10.** Using a spirit level, gently tap the tray into level position. The tray must be level in both directions (± 1 mm tolerance across its length).
- 11.** Allow the bedding to cure fully before applying any load to the tray.
- 12.** Fit the upper waste components in accordance with the waste manufacturer's instructions and ensure fully sealed.
- 13.** Check thoroughly for leaks.
- 14.** Conduct a final drainage test once bedding and waste are installed.

Do not stand in or load the tray until bedding has fully cured (minimum 24 hours).

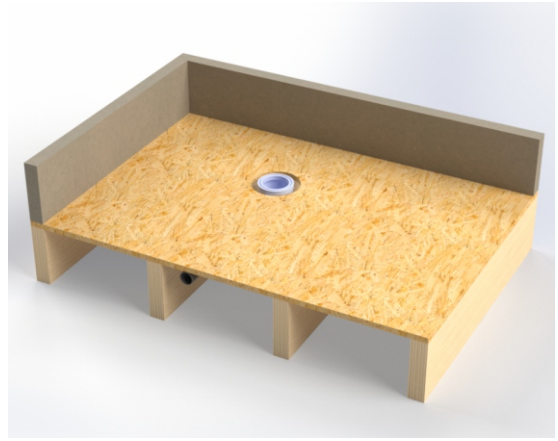
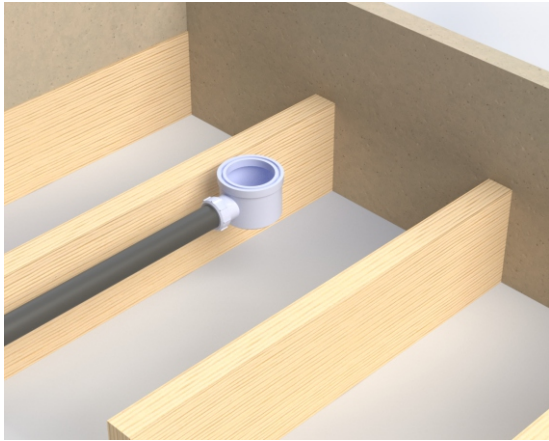
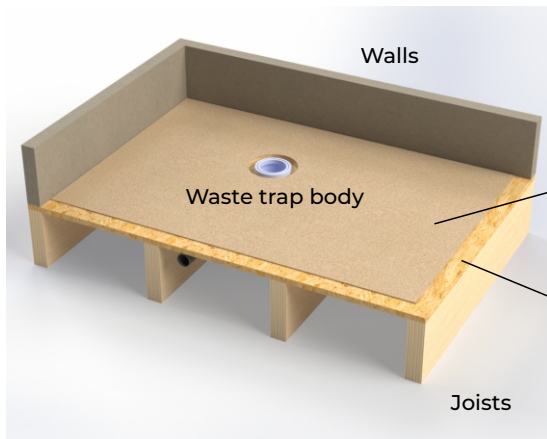


Figure 1 - Detailing waste gully and pipe location to suit shower tray outlet.



Bedding of sand & cement on top of flooring. This example shows bedding on top of wooden flooring. Bedding must also be applied to any other type of flooring such as concrete.

Flooring.

Figure 2 - Bedding on top of flooring

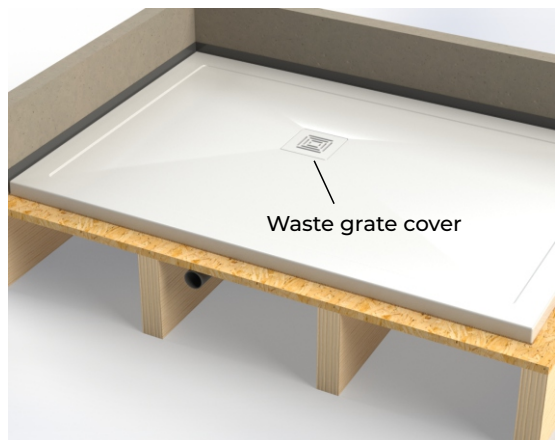
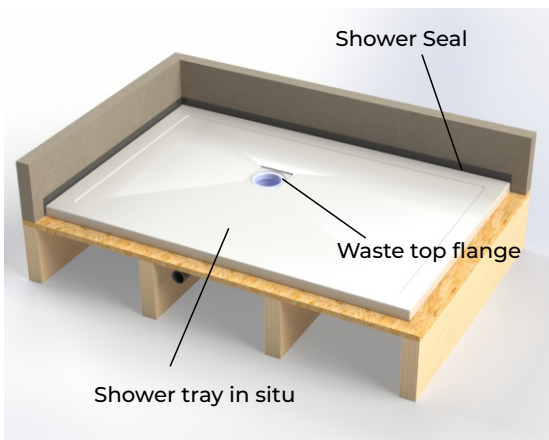


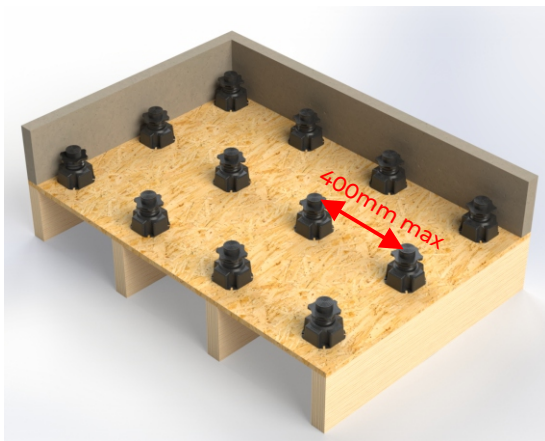
Figure 3 - Waste tray lowered in situ (on top of bedding)

OPTIONAL RISER KIT INSTALLATION

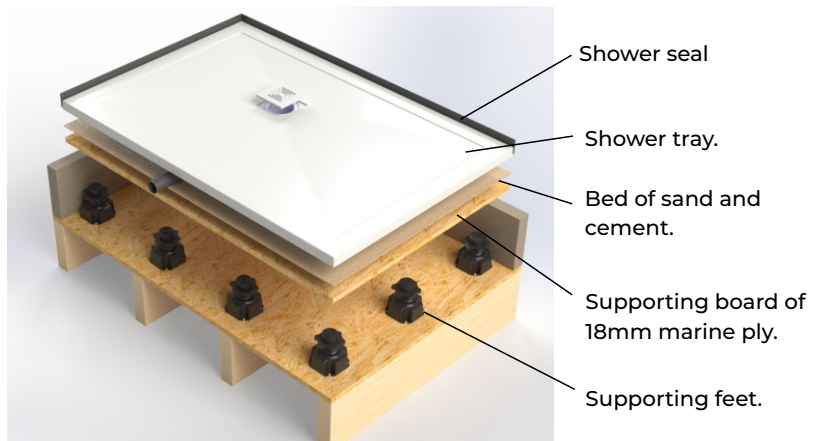
If installing with a riser kit:

- An 18mm marine-grade plywood board **must** be installed onto the riser feet to support the tray. DO NOT install supporting feet directly to the tray.
- Use the correct quantity and spacing of supporting feet. We recommend supporting all corners and outer edges of the supporting board as well as the central area with a *maximum* of 400mm spacing between *any* adjacent supporting foot. See figure 4 example.
- All feet must sit on a solid, level floor.
- Cut a hole of minimal size in the supporting board to allow for the waste trap and connection.
- A full bed of sharp sand and cement mortar must be applied to the top surface of the plywood support board (as detailed in bedding requirement).
- The installation can now continue from point 9 of the 'INSTALLATION PROCEDURE' section on page 4.

Failure to fully support the tray, as per these instructions, when using a riser kit will invalidate the warranty.



Maximum of 400mm spacing between supporting feet



Exploded image of installation layers



Shower tray in situ

Figure 4

FINAL CHECKS

Before handover:

- Confirm tray is level.
- Confirm drainage is satisfactory.
- Confirm all waste components are secure and watertight.
- Confirm all sealing is complete and properly cured.
- Confirm that there are no defects

Installation must be approved by the end-user before fitting any further equipment such as shower enclosure, screens, panels or tiling.

SEALING & WALL FINISHING

Before tiling or wall panelling:

- Fill any gap between the tray and wall with neutral cure sanitary silicone sealant, flush to the tray surface.
- Do not use acetoxy-based silicone sealants.
- It is highly recommended to install a suitable tanking system to prevent potential water leaks.

After wall finishes are complete, apply a final bead of neutral cure sanitary silicone between the wall covering and tray surface.

Allow all sealants to cure fully before use.

USER & MAINTENANCE INSTRUCTIONS

The shower tray surface may present an increased risk of slipping when wet, particularly when soap, shampoo or bath products are present. Care should be taken at all times.

Cleaning guidance:

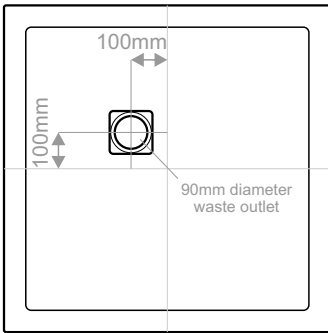
- Clean after each use using warm water, mild soap and a soft cloth.
- Do not use abrasive cleaners, scouring pads, bleach, solvents, hair dyes or harsh chemicals.
- Avoid strong chemical drain cleaners.

Regular cleaning will preserve surface appearance.

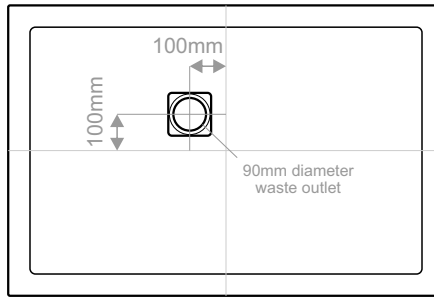
END OF INSTALLATION & MAINTENANCE GUIDE

APPENDIX A - WASTE LOCATIONS

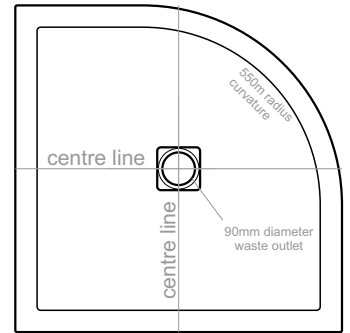
Square



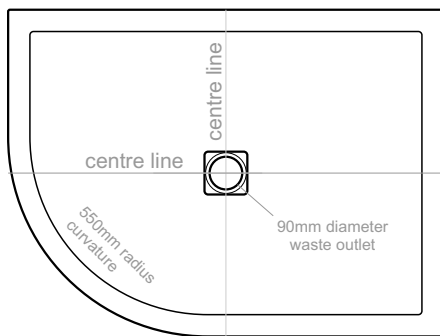
Rectangular



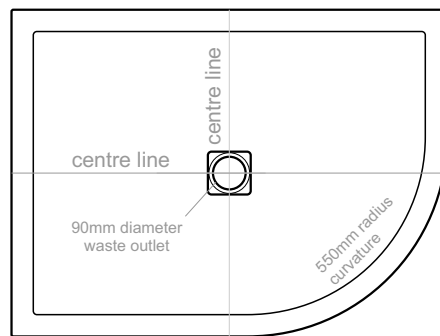
Quadrant



Offset Quadrant Left Hand

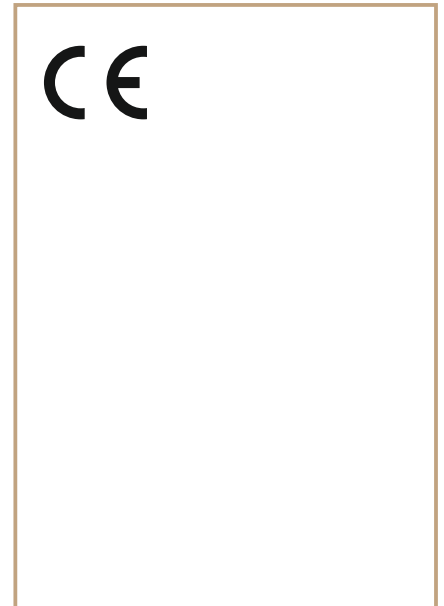


Offset Quadrant Right Hand



Rectangular & square variations have an offset centre waste.

If the waste outlet is obstructed, rotating the tray 180° may solve the issue.



WARRANTY TERMS & CONDITIONS

This shower tray comes with a lifetime warranty based on the following terms and conditions.

- The warranty only applies to the original purchaser of the product. Proof of purchase is required.
- The warranty only covers manufacturing defects that could not have been identified prior to installation.
- The warranty does not cover water damage caused by leaks of any kind.
- Cosmetic defects such as scratches, staining, chipping caused after installation are not covered by the warranty.
- The warrant applies solely to the shower tray and not associated items such as waste trap or shower enclosure.
- The warranty is voided if installation has not followed the installation guide in it's entirety.