Installation Instructions

Twyford
Geberit Group

Resin Stone Shower Trays



Before you Start

Please read these instructions fully in conjunction with all other installation instructions such as enclosures, waste units or easy-plumb kits before starting. Although these instructions are simple and comprehensive, we always recommend that a technically competent installer undertakes the installation.

Your shower tray has been manufactured to the highest quality standards. However, to ensure that you have received the correct product in the condition you expect, please undertake the following five basic preinstallation checks. **DO NOT INSTALL IF NOT SATISFIED and contact your supplier.**

1 Check / measure that the shower tray received is the correct size and shape required.
2 Check that the shower tray is compatible with your chosen enclosure.
3 Check that the shower tray is the correct colour and finish required.
4 Check for any damages or marks on the surfaces.
5 Place the shower tray in a suitable area, level and pour water over the total surface area of the tray and check for adequate drainage.

Note! Installation is acceptance of quality.

Installation Methods:

Your shower tray MUST be installed in accordance with these instructions. These instructions relate to floor installation and the Suspended Floor section must also be applied if constructing a raised plinth.

Alternatively easy-plumb type kits can be used with this type of shower tray for raised installation. However, the correct Panel Riser Kit for your shower tray MUST be used as follows:

Note! Follow the instructions supplied with the relevant Panel Riser Kit.

Panel Riser Kit Option 01 for Square, Rectangles or Pentangles up to 1200mm.

Panel Riser Kit Option 02 for Square, Rectangles or Pentangles up to 2000mm.

Panel Riser Kit Option 03 for Quads or Off-Set Quads up to 1200mmx1000mm.

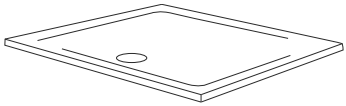
Panel Riser Kit Option 04 for Off-Set Quads up to 1400mmx900mm.

Note! We do not accept responsibility for any loss or damage resulting from failure to comply with installation instructions.

Dimensions are nominal and shown in millimeters unless otherwise stated.

Parts Supplied

A Shower Tray (Shape and style of tray may differ from that illustrated) Qty 1



Important:

Your shower tray MUST be stored in accordance with the labeling instructions attached to the outer packaging.

If you intend to install this shower tray with a steam unit, you MUST ensure that the steam outlet is at a minimum of 350mm from the top of the tray.

When handling your shower tray take care not to damage the bottom edges and when installing / tiling and finishing take particular care to protect the visible surfaces from impact or abrasion damages.

Safety Notes:

Care MUST be taken when using sharp tools and when using power tools ensure these are used safely and in accordance with all regulations.

Care MUST be taken when drilling or excavating into walls or floors to avoid hidden pipes or electrical cables.

Care MUST be taken when lifting this heavy quality product and requires a minimum of 2-person lift at all times.

Appropriate PPE MUST be used at all times.

Care & Use of Your Shower Tray:

To assist the end user, these installation instructions MUST be retained and passed to the user for possible future reference.

Your shower tray can be easily maintained in an as near new condition for many years by following a simple cleaning procedure as follows:

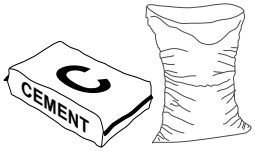
It is normal for localized amounts of water to be retained on the shower tray surfaces after use due to surface tension on smooth and especially Anti-Slip trays. This MUST be wiped dry immediately after use to prevent the build-up of sediments that could water mark the surface of both white and coloured shower trays.

The shower tray should be cleaned regularly with simple warm, soap water only and dried with a soft cloth. Never use scourers, abrasives, bleach or other chemicals cleaners as these can damage and discolour the surface.

Technical Help

Technical Service Line: 01926 516800

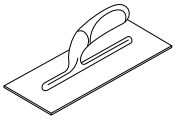
Tools and Materials Required **(not supplied)**



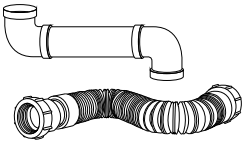
Cement and Fine Sand



Anti-Crumbling Cement Additive



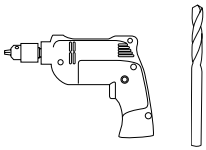
Trowel



Plumbing Pipe and Fittings



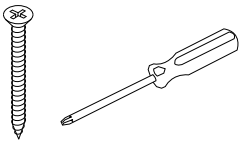
Waste Unit



Power Drill and Drill Bits



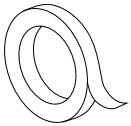
Spirit Level



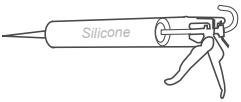
Floor Screws and Screwdriver



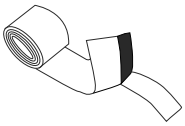
Safety Eyewear



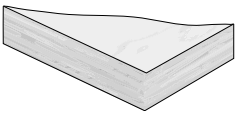
Masking Tape



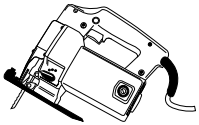
Silicone Sealant



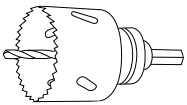
Flexi Seal Strip



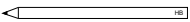
Plywood Board (min 18mm thick)



Jigsaw



Hole Cutter

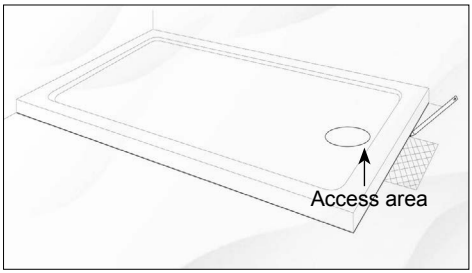


Pencil

Note! Other tools and materials may be needed depending on the specific site requirements.

Installation – **Solid Floor**

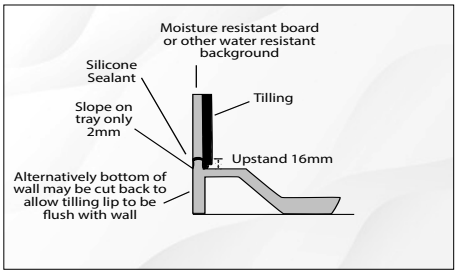
1



Place the shower tray A in position on the floor ensuring that the surface is flat and level. Mark the perimeter and waste hole on the floor including a section outside the area for access to connect plumbing after fitting.

Note: Take care to avoid marking the Shower Tray.

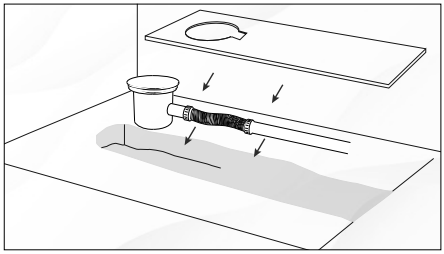
2



If using a shower tray with a built in tiling upstand, allowance MUST be made for recessing the tray into adjacent walls to allow tilling down onto the tray surface.

Note: Check that your chosen enclosure has sufficient adjustment to fit within the remaining area taking into account the loss of dimension from tiles/boarding.

3



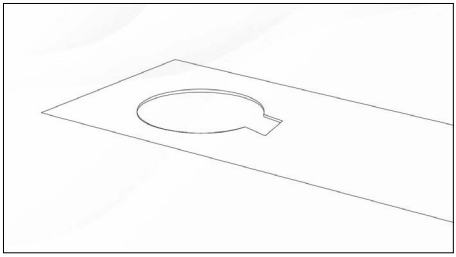
Form a trench in the floor to hold the waste unit and piping.

Before proceeding, dry fit all items in-situ to ensure compatibility.

Install the waste unit and piping in the trench in accordance with building regulations ensuring that sufficient drainage angle is achieved without the pipe sagging

Blank off the trench using 18mm ply with waste outlet hole, ensuring that the plumbing connections can be made once the shower tray is in position.

4



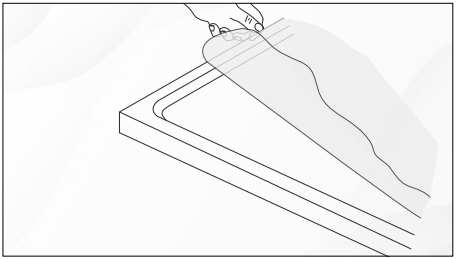
With some types of waste unit, it may be necessary to form a keyhole shaped cut-out in the ply using a jigsaw. This will make access to the waste unit easier during fitting.

Note: Keep all holes/cut-outs as small as possible.

Floor Level Installation for Concrete or Other Solid Floors

Installation – **Solid Floor**

5

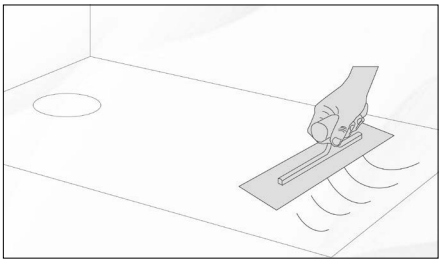


Some shower trays have a protective film (indicated by a label on the surface) which MUST now be removed. Undertake a final inspection of the shower tray at this stage: DO NOT PROCEED IF NOT SATISFIED.

Note: Extra care MUST be taken to protect the surfaces from accidental damage.

If installing a flat top shower tray we recommend the use of the optional Flexi Seal Strip (Not supplied) at this stage. Follow instructions supplied with product.

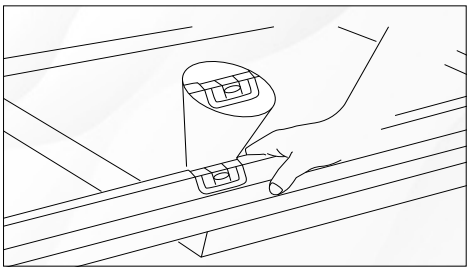
6



Mix fine sand, cement and a cement additive (plasticiser) in accordance with the manufacturers instructions to form a malleable mortar to cover the total area under the tray. Trowel to a suitable starting thickness to allow for correct leveling and **FULL** support of the shower tray.

Note! Silicone sealants, foams,mastics, installation compound adhesive or similar MUST NOT be used as a substitute for cement.

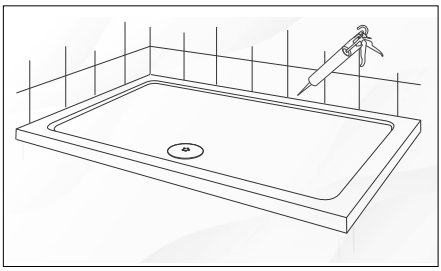
7



Ensure that the cement mortar is sufficient over the total area. Then carefully place shower tray A into position ensuring that it is **FULLY** supported. Gently tap down and check the level of the top rims only as the shower tray has built in fall for adequate drainage.

Remove any excess cement and allow to set fully before continuing.

8

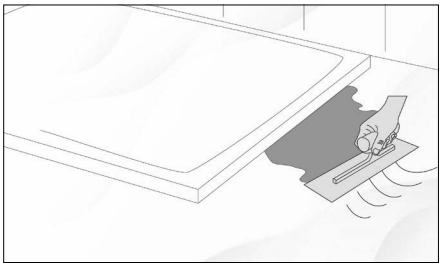


When the cement has **FULLY** set, make all plumbing connections. Before continuing the shower tray and all connections **MUST** now be checked for **water tightness, flow and adequate drainage** over the entire area.

DO NOT PROCEED IF NOT SATISFIED.

After all checks and adjustments, tile and then seal along the tiling line with silicone sealant.

9

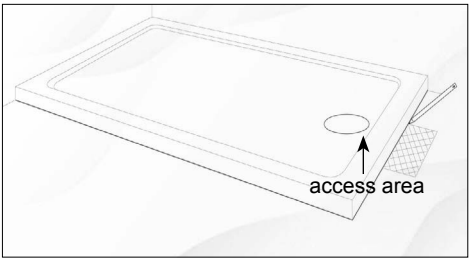


Fill in the access area

Take care to protect the surfaces of the shower tray and fit your chosen enclosure in accordance with its installation instructions

Installation for Suspended Floors

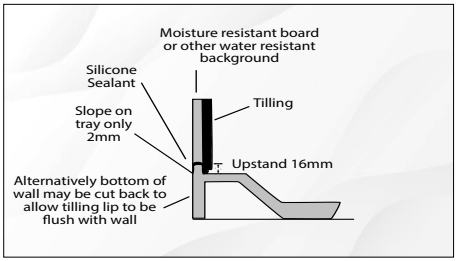
1



Place the shower tray A in position on the floor ensuring that the surface is flat and level. Mark the perimeter and waste hole on the floor including a section outside the area for access to connect plumbing after fitting.

Note: Take care to avoid marking the Shower Tray.

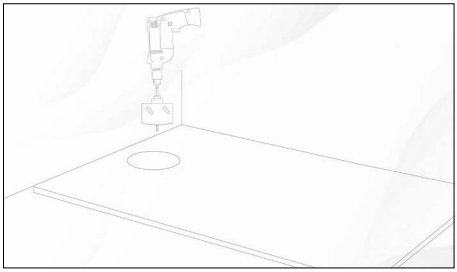
2



If using a shower tray with a built in tiling upstand, allowance MUST be made for recessing the tray into adjacent walls to allow tilling down onto the tray surface.

Note: Check that your chosen enclosure has sufficient adjustment to fit within the remaining area taking into account the loss of dimension from tiles/boarding..

3

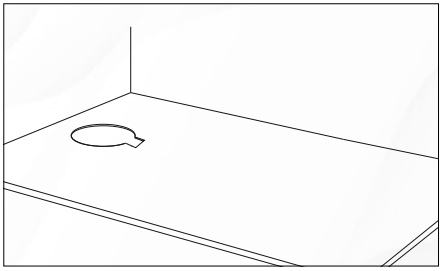


Mark the floor area (or larger) covered by the shower tray this **MUST** be removed and replaced with a single level piece of plywood (minimum 18mm thick). If it is unlevel, contains joints or is ridged.

Place the ply in position, ensuring the area is flat and level and rigid. With shower tray A placed on top mark the waste hole location.

Carefully remove the shower tray then use a suitable cutter to drill a hole in the floor/ ply large enough to pass through the entire waste unit.

4

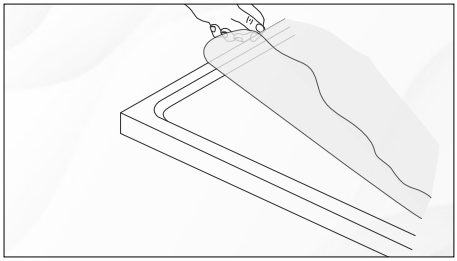


With some types of waste unit, it may be necessary to form a keyhole shaped cut-out in the ply using a jigsaw. This will make access to the waste unit easier during fitting.

Note: Keep all holes/cut-outs as small as possible.

Install the waste unit and piping under the floor/ply in accordance with building regulations ensuring that sufficient drainage angle is achieved without the pipe sagging.

5

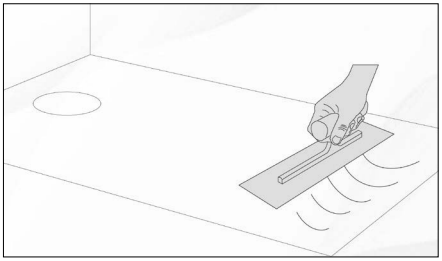


Some shower trays have a protective film (indicated by a label on the surface) which MUST now be removed. Undertake a final inspection of the shower tray at this stage: DO NOT PROCEED IF NOT SATISFIED.

Note: Extra care MUST be taken to protect the surfaces from accidental damage.

If installing a flat top shower tray we recommend the use of the optional Flexi Seal Strip (Not supplied) at this stage. Follow instructions supplied with product.

6

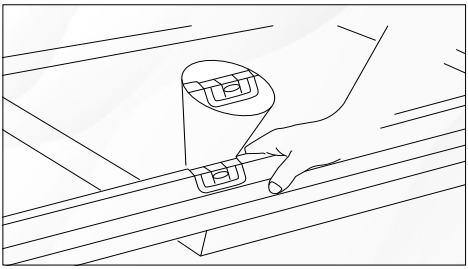


If applicable fix the ply level and rigidly in place and then mix fine sand, cement and a cement additive (plasticiser) in accordance with the manufacturers instructions to form a malleable mortar to cover the total area under the tray. Trowel to a suitable starting thickness to allow correct leveling and **FULL** support of the shower tray.

Note! Silicone sealants, foams, mastics, installation compound adhesive or similar MUST NOT be used as a substitute for cement.

Installation – ***Suspended Floor***

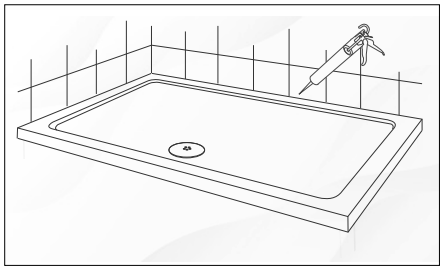
7



Ensure that the cement mortar is sufficient over the total area. Then carefully place shower tray A into position ensuring that it is **FULLY** supported. Gently tap down and check the level of the top rims only as the shower tray has built in fall adequate drainage.

Remove any excess cement and allow to set fully before continuing.

8

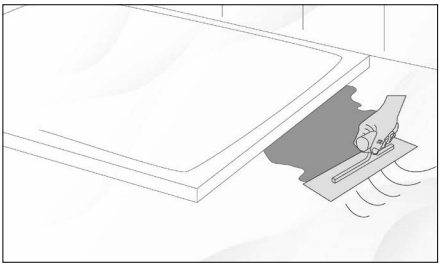


When the cement has **FULLY** set, make all plumbing connections. Before continuing the shower tray and all connections **MUST** now be checked for **water tightness, flow and adequate drainage** over the entire area.

DO NOT PROCEED IF NOT SATISFIED.

After all checks and adjustments, tile and then seal along the tiling line with silicone sealant.

9



Fully board the access area and level with cement if required.

Take care to protect the surfaces of the shower tray and fit your chosen enclosure in accordance with its installation instructions

Commonly asked Questions

Q **The waste outlet in the shower tray is directly over an obstruction at floor level.**

A Consider raising the shower tray on a plinth or using a Panel Riser Kit to avoid the obstruction.

Q **The shower tray will not fit the space available.**

A If it is only a small difference, consider recessing the edge of the tray into adjoining walls or if larger consider using a smaller shower tray and enclosure.

Q **The enclosure will not fit on the shower tray.**

A Check that you have the correct size / shape of enclosure for your shower tray and its adjustment is sufficient to permit it to fit when taking into account the loss of dimension from tiles or boarding.

Q **Water escapes / spills from a fitted Walk-in or frameless type enclosure.**

A It is normal for spillage to occur from these types of enclosures but can be limited by using a threshold seal and a hinged splash panel. Alternatively change to a fully framed enclosure.

Q **Water will not flow fast enough down the waste unit.**

A Check that the waste unit is correctly installed, and that the pipework has sufficient angle (Min 1 in 40) . Also check the pipework is not kinked, obstructed or sagging causing an airlock.

Q **There is excessive amounts of water retaining around the waste unit / outlet.**

A Some types of waste units may have excessively thick or poorly angled flanges. for best results use an Twyford waste unit.

Q **There is water retaining on the surfaces of the shower tray in general.**

A Check that the shower tray is level (stage 07) as it is normal for localized amounts of water to be retained on the shower tray surfaces after use due to surface tension.

Q **My shower tray is slippery underfoot.**

A When wet, the surface of the majority of shower trays will show an increase in the potential for slipping, this is particularly the case when soap, shampoo, bath oil, etc are used. Consider using Anti- Slip mats or change the shower tray to an Anti-Slip type.

and Troubleshooting

Q **I have a coloured and or an Anti-Slip shower tray, will it mark or discolour.**

A Your shower tray can be easily maintained in an as near new condition for many years by following a simple cleaning procedure as outlined in the 'Care & Use of Your Shower Tray' section of these instructions.

Q **The underneath of my shower tray has circular areas for placing the feet** when using a Panel Riser Kit, can I simply put cement in these areas only.

A No, the mortar MUST cover the total area under the tray. The reason for this is that the unlike the Panel Riser Kit you have no panel to remove and adjust if there is a localised problem. Therefore, covering the total area avoids any localised failures from shrinkage as the surrounding area is then supporting.

Q **Why can't I use silicone or similar instead of cement.**

A The purpose of cement is to provide a load-bearing support interface between the base of the tray and the floor to also permit the tray to be leveled. Silicones and similar are elastomeric materials and will not meet the requirements.

Q **My shower tray is slightly bigger than the size stated on the label.**

A Yes, this is normal as the nominal generic size designations given are shown from the top of the shower tray not the tapering base as often measured.

Q **I have purchased alternative legs for mounting the tray, can I use these instead of a Panel Riser Kit.**

A Unfortunately no as the legs used in the Panel Riser Kits have load dissipating circular base plates designed specifically for the tray.

Q **The Panel Riser kit mentions a Baseboard Accessory Kit, do I need this for my shower tray.**

A You only need a Baseboard Accessory Kit in conjunction with Panel Riser Kit.

Technical Service Line: 01926 516800
Email: enquiries@geberit.co.uk
Website: www.twyfordbathrooms.com

Geberit Sales Ltd, Geberit House
Edghehill Drive, Warwick, CV34
6NH

Geberit International AG
Schachenstrasse 77, CH-8645 Jona
documentation@geberit.com
www.geberit.com

972.210.00.0(01)