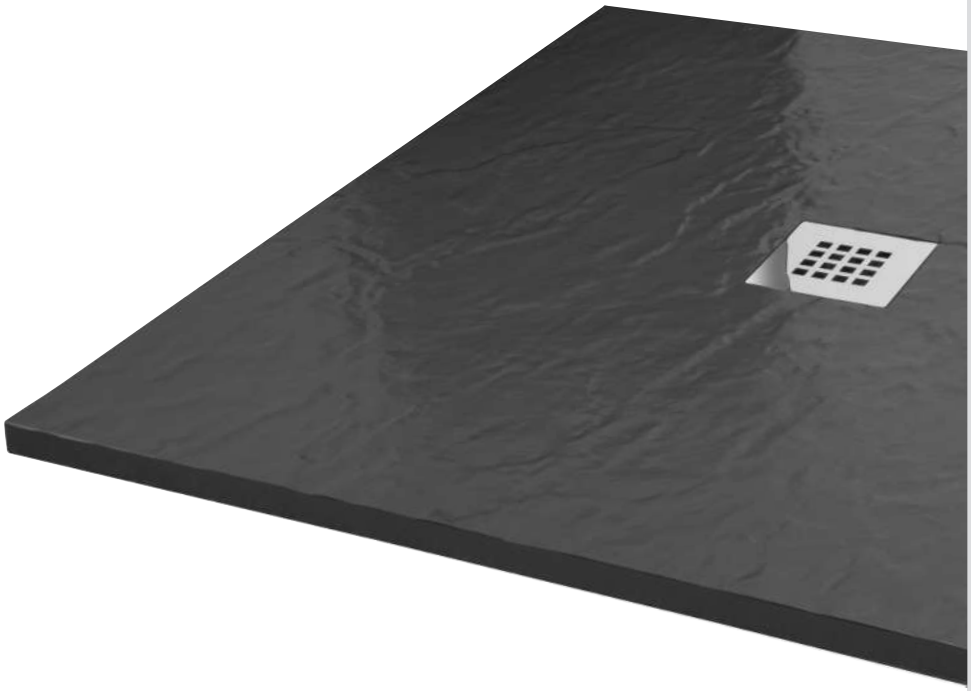
Installation Instructions

Minerals
Shower Tray



226BBW 25917RN

Before you Start

Please read these instructions fully before starting. Although these instructions are comprehensive we always recommend that a technically competent installer undertake the installation.

Unpack and lay the tray flat. Check that the shower tray is the colour, texture, finish, size, shape and type you require. Ensure that you have all relevant parts listed. **Do not install if not satisfied and contact your local supplier.**

Check that the top surface of the shower tray is compatible with your intended shower enclosure, taking into account the loss of dimension that will result after tiles etc have been fitted.

When considering your installation method, you MUST be able to attach or repair your waste or waste outlet in-situ.

Important

For raised installation, use a Panel Riser Kit suitable for the size and shape of shower tray can be used.

If you install this shower tray in conjunction with a steam unit, you must ensure 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 take particular care to protect the visible surfaces from impact damage or abrasions.

Safety Notes

Caution: Care must be taken when drilling into walls or floors to avoid hidden pipes or electrical cables.

Your shower tray is a quality heavy cast resinstone construction and **MUST** be considered a minimum of two person lift at all times.

This type of ultra low shower tray is intended for wet-room area installation therefore: allowance MUST be made for spillage that will occur if a frameless or walkin enclosure is used.

Technical Help

Technical Service Line: 0845 505 2211 / 01684 293311 Open Mon–Fri 9am–5pm

Dimensions are nominal and shown in millimetres unless otherwise stated.

Care & Use of Your Shower Tray

These installation instructions MUST be retained and passed to the user for possible future reference.

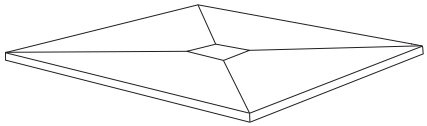
Your shower tray can be maintained in an as near new condition for many years by following a simple cleaning procedure as follows:

It is normal for small amounts of localized water to be retained on the shower tray surfaces after use which should be wiped dry immediately to prevent build up of sediments.

The shower tray MUST be cleaned regularly with warm, soapy water only and dried with a cloth. Never use scourers, abrasives, bleach or other chemical cleaners.

Parts Supplied

A

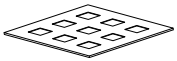


Qty 1

Shower Tray

Not Supplied

B



Qty 1

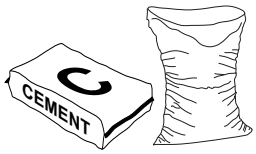
C

Qty 1

Steel Grid and 90mm bottle trap (order code X2X)

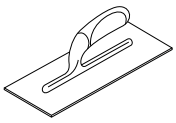
*Shape of tray may differ from illustration

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

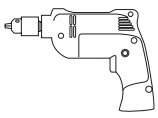


Cement and Fine Sand

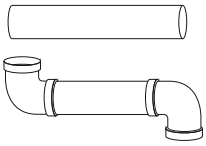
Anti-Crumbling Cement Additive



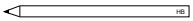
Trowel



Power Drill

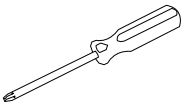


Plumbing Pipe and Fittings



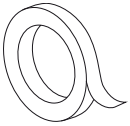
Pencil

Spirit Level

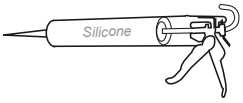


Cross-Head Screwdriver

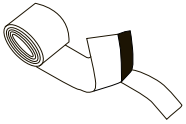
Safety Eyewear



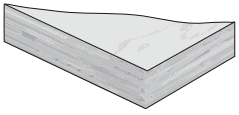
Masking Tape



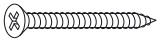
Silicone Sealant



Flexi Seal Strip

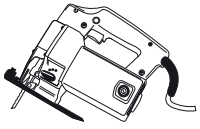


Plywood Board (min 18mm thick)

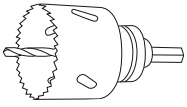


Floor Screws

Drill Bit



Jigsaw

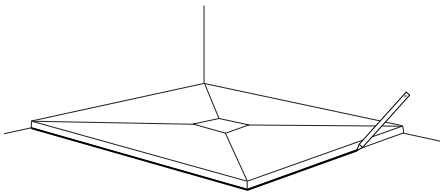


Hole Cutter

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

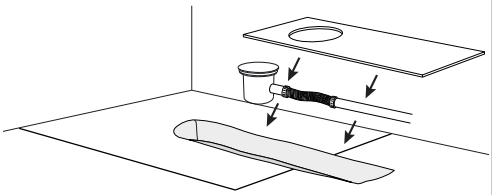
Installation – **Solid Floor**

1



Place the shower tray Ⓐ in position on the floor (ensuring surface is level) and mark the perimeter and waste hole on the floor.

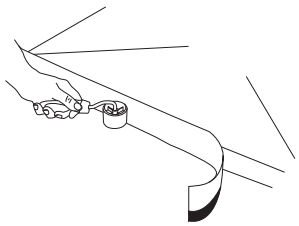
2



Form a trench in the floor to hold the bottle trap Ⓒ and pipework in accordance with building regulations. Then blank off the trench (using 18mm ply with waste outlet cut out hole) so it remains clear after laying an cement bed in the area to fully support the shower tray Ⓐ.

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

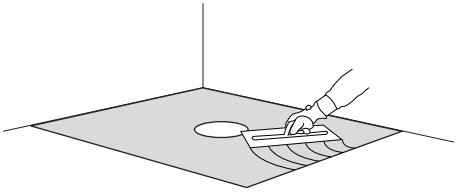
3 **Optional Flexi Seal Strip**



Note! 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 try at this stage. DO NOT PROCEED IF NOT SATISFIED.

If fitting the optional Flexi Seal Strip (not supplied) follow the instructions later in this guide to attach the strip to the shower tray at this stage.

4

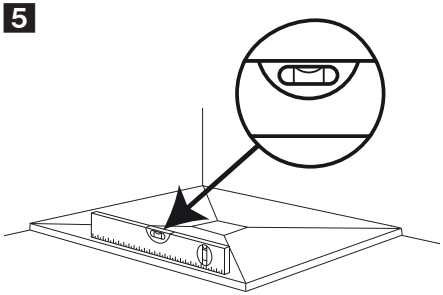


Mix fine sand, cement with a cement additive in accordance with the manufacturers instructions to a workable mix to cover the total area under the tray. Trowel to a thickness suitable to allow levelling and full support of the shower tray over the entire area.

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

Floor Level Installation for Concrete or Other Solid Floors

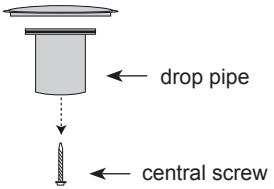
5



Place the shower tray Ⓐ onto the wet cement ensuring that it is fully supported. Check the level of the top outer edges only as the shower tray has a built in fall for adequate drainage. Remove any excess cement and allow to fully set before continuing.

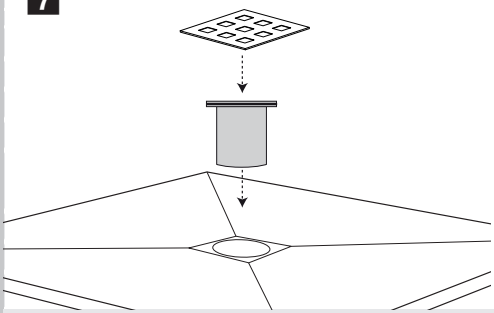
Connect the bottle trap in accordance with its installation instructions to the tray without fitting the chrome dome (if supplied) and attached down pipe.

6



Once the cement has set, remove the drop pipe from chrome dome (if supplied) by unscrewing the central screw.

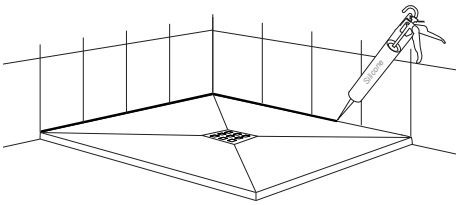
7



Slot the down pipe only into the bottle trap Ⓒ, place the steel grid Ⓑ into the square recess in the centre of the shower tray with the chosen surface uppermost.

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**

8

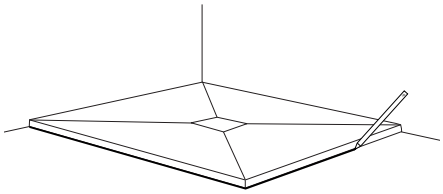


After all checks and adjustments, tile and then seal along the tiling line with silicone sealant. If necessary, use a proprietary silicone cleaning solvent to the covered area only prior to application.

Note! On shower trays with a slate finish a thicker silicone bead will be require both along the tiles and the proposed enclosure outer edge due to the natural stone texture.

Installation – *Suspended Floor*

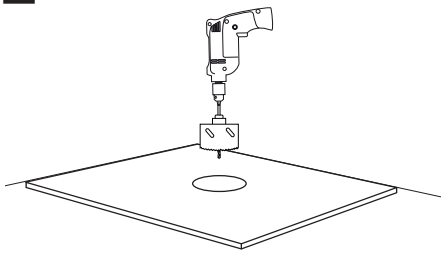
1



Place the shower tray Ⓐ in position on the floor and mark the perimeter. The floor area (or larger) covered by the shower tray MUST be removed and replaced with a single (level) piece of plywood (minimum 18mm thick).

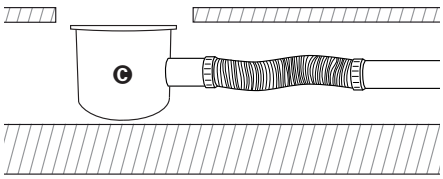
Put the plywood in position, place the shower tray on the plywood and mark the central waste hole.

2



Remove the shower tray Ⓐ, and drill or cut a hole in the plywood suitable for the bottle trap to fit through.

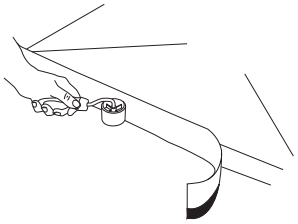
3



Remove the ply and install the pipework and bottle trap Ⓒ in the cavity, then replace and screw the plywood level in position.

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

4 Optional Flexi Seal Strip



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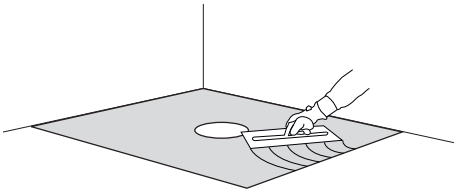
5



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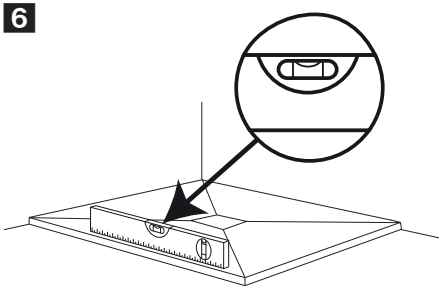

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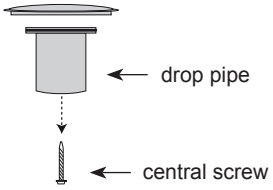
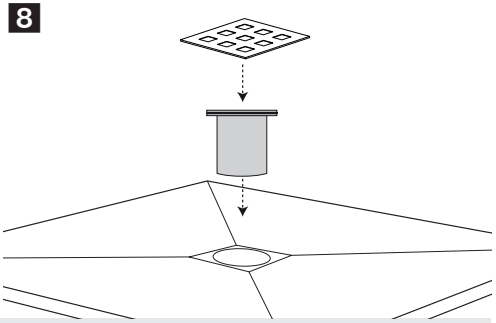
Connect the bottle trap in accordance with its installation instructions to the tray without fitting the chrome dome (if supplied) and attached down pipe.

7



Once the cement has set, remove the drop pipe from chrome dome (if supplied) by unscrewing the central screw.

8



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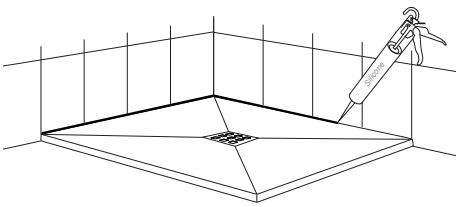
The shower tray and all connections **MUST** now be checked for water tightness, flow and adequate drainage over the entire area. **DO NOT PROCEED IF NOT SATISFIED**

Installation – *Suspended Floor*

9



After all checks and adjustments, tile and then seal along the tiling line with silicone sealant. If necessary, use a proprietary silicone cleaning solvent to the covered area only prior to application.

Note! On shower trays with a slate finish a thicker silicone bead will be require both along the tiles and the proposed enclosure outer edge due to the natural stone texture.

Troubleshooting

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

A Consider raising the tray by constructing a fully supported plinth resulting in a raised suspension floor installation.

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

A Check that the shower tray is level (top outer edges only) as it is normal for small amounts of localized water to be retained especially on textured slate finished trays.

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

A Consider recessing the edge of the tray into adjoining walls or using a smaller shower tray and enclosure.

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

A Check that the waste unit is correctly installed and that the waste pipe has sufficient angle. Note! if using a flexible type waste pipe, ensure it has sufficient angle and is not kinked or sagging causing an air blockage.

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

A Check that the available surface on top of the tray is compatible with the size, shape and adjustment range of your enclosure, change enclosure if required.

Q **My enclosure's bottom edge will not fit directly against the lowest point on the surface of the shower tray.**

A Ensure that the enclosure is installed in line with the outer edge of the tray as this is normal (especially on slate finished surfaces) and will simply require a thicker bead of silicone to form a seal along the edge.

Q **Water escapes from a fitted walk-in or frameless enclosure.**

A It is normal for spillage to occur from walk-in or frameless type enclosures, consider fitting a threshold seal or changing to a fully framed enclosure.

Q **Could I have a carpet on the floor in the bathroom?**

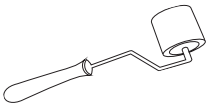
A It is advised that you use only safety vinyl or tiled flooring in the bathroom area.

Flexi Seal Strip **(not supplied with shower tray)**

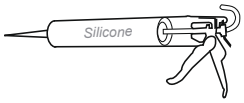
This product is intended as a flexible tiling upstand and should be fitted to the side of the tray adjacent the walls only.

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

Scissors



Small Roller

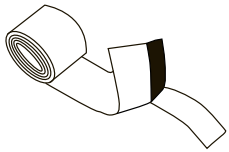


Silicone Sealant

Damp Cloth

Installation – Flexi Seal Strip

1

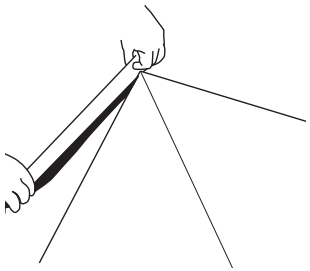


Wipe the surfaces clean where the strip will be attached first with a clean damp cloth, allow to dry and then wipe with the IPA wipe supplied in the kit.

Determine the length of strip required to seal around the shower tray and cut to length with scissors. (Ensure you cut at least 20mm longer than needed).

Peel back approximately 20cm of backing from the adhesive strip.

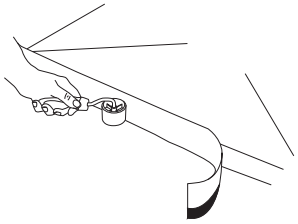
2



Attach to the edge of the shower tray so that it is square and the edge protrudes at least 20mm above the edge of the tray.

Make sure the adhesive strip is positioned so that it will not come into contact with any silicone sealer used later.

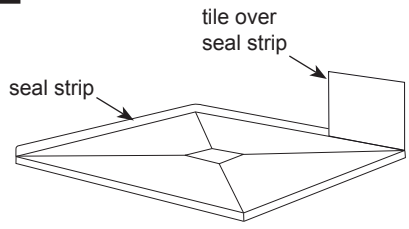
3



Using a small roller or other appropriate tool roll the seal strip so that it attaches firmly to the edge of the tray removing any bubbles or creases, paying particular attention to the corners.

Gradually remove the cover strip in sections and roll on the seal so it attaches firmly and square to the edge of the tray, making sure there are no gaps between tray and seal strip. Trim off any excess strip.

4



Install the shower tray in the correct position and tile in front of the seal strip.

Put a protective bead of silicone or other suitable flexible sealant between the tray and the tile, ensuring it does not come into contact with the adhesive material on the flexi seal strip.