

Minerals/Silhouette Shower Tray

Before you start

Please read these instructions fully with any ancillary products literature before deciding how and where you may wish to install the shower tray. Although these instructions are simple and comprehensive, we always recommend that a suitably qualified installer undertake the installation.

Note! When considering your installation method, you should be able to access, attach or repair your waste outlet in-situ.

Your shower tray is carefully designed and manufactured to BS EN 14527 and may be available with anti-slip surfaces. However, in accordance with the standard Annex (B), 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. It is important that designers, installers and users are aware of this. Therefore, when designing/installing a showering room, the physical needs of the end users should be assessed.

Unpack and check that the shower tray is the size, shape, colour and surface texture you require. Fully check for any damage or imperfections. Check that the size/shape of the tray is compatible with your intended shower enclosure, taking into account the loss of dimension that will result if the tray is intended to be cut or trimmed to fit the available area and after tiles etc have been fitted.

DO NOT INSTALL IF NOT SATISFIED. The manufacturer is unable to accept any claim, either third party or consequential costs, for installation errors, material defects such as scratches, chips, cracks or any other surface imperfection, **AFTER** the product has been installed.

Important

For raised installation, only use a suitable Panel Riser Kit for the size and shape of shower tray. **Note!** We highly recommend the use of a Baseboard Accessory Kit with panel riser kite. This type of ultra-low shower tray is intended for wet-room installation therefore allowance **MUST** be made for spillage that will occur if a frameless or walk-in enclosure is used.

When handling/installing or working in the proximity of your shower tray, you **MUST** take particular care to protect the visible surfaces from impact damage or abrasions. If a blow lamp (or other heat source) is to be used when plumbing or floor sealing, the nozzle must be kept well away from the tray at all times.

Avoid contact with paint strippers, spirits, solvents or oil-based paste/sealants such as putty which may affect the surface. If you install this shower tray in conjunction with a steam unit, the outlet must be a minimum of 350mm from the top of the tray.

Safety notes

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

Suitable PPE **MUST** be used at all times. For example, safety eyewear, dust mask, safety footwear, gloves and overalls with any other items that may be required.

This product is heavy and requires a two person lift at all times.

Care and use of your shower tray

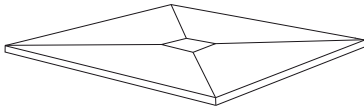
These installation instructions **MUST** be retained and passed to the user for possible future reference.

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.

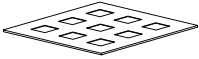
Parts supplied



A shower tray (qty 1)

*Shape of tray may differ from illustration

Parts not supplied



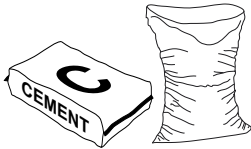
B steel grid



C bottle trap

(order kit using part code X2X)

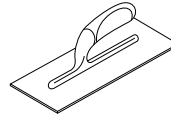
Tools and materials required (not supplied)



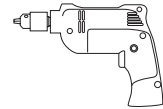
cement and fine sand



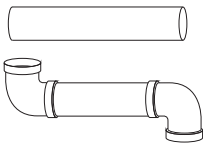
anti-crumbling cement additive



trowel



power drill



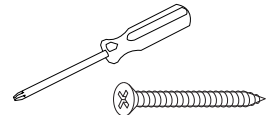
plumbing pipe and fittings



pencil



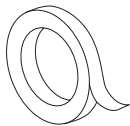
spirit level



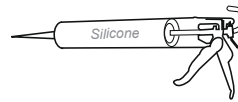
floor screws and screwdriver



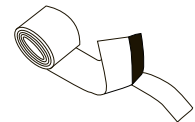
safety eyewear



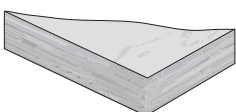
masking tape



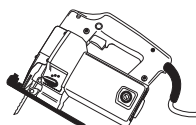
silicone sealant



flexi seal strip



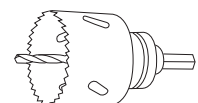
plywood board (min 18mm thick)



jigsaw



drill bit

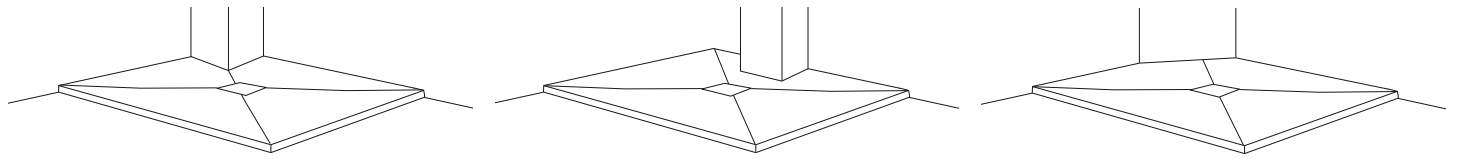


hole cutter

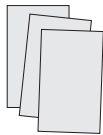
Other tools and materials may be needed depending on the specific site requirements.

Cutting the tray

Your unique Minerals/Silhouette shower tray is the idea solution to modern wetroom shapes and obstacles enabling rapid adaptation to almost all situations without the need for expensive and difficult tanking systems.



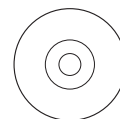
Tools and materials required (not supplied)



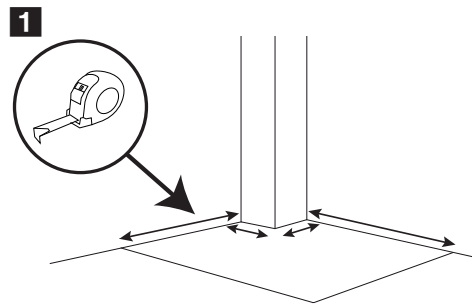
60 grit sand paper



angle grinder

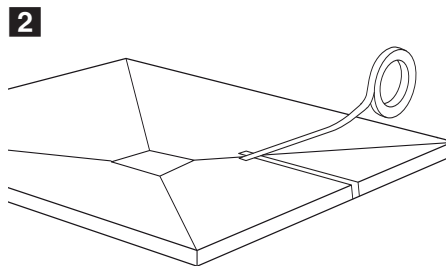


4in/115mm or larger fine edge diamond grinder blade
(suitable for cutting concrete or ceramic without chipping)



Carefully measure the available area for your intended shower tray ensuring you have space underneath the waste area for installation of the waste unit and the pipework run.

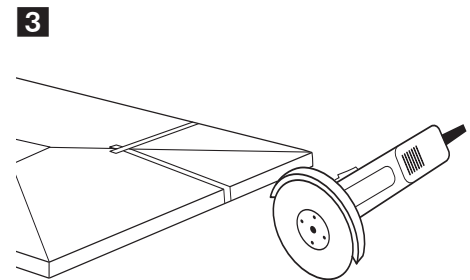
Note! Ensure the outer tray dimensions remain suitable for your intended enclosure taking into account the reduced area that will result after any trimming or cutting of the shower tray.



Carefully mark the area to be cut on the surface of the tray using masking tape or other suitable marking method. Protect all surfaces to avoid marking the visible areas.

Note! Double check the area marked on the back face of the shower tray is correct when the tray is upright in-situ. **DO NOT PROCEED IF NOT SATISFIED.**

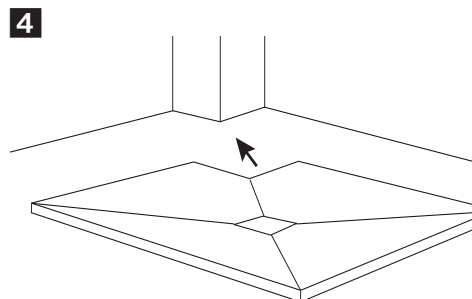
CAUTION! Before proceeding you **MUST** use safety eyewear and clothing at all times. The process will generate dust and noise. You **MUST** wear a suitable particle mask and ear protection.



Carefully cut the marked area from the shower tray using a minimum of a four inch (approx 115mm) diamond blade (suitable for cutting concrete and ceramic without chipping) on an angle grinder or other suitable cutting tool.

Note! Do not force the rate of cutting and only cut at the speed of the cutter to avoid cracking or damaging the tray.

Taking care not to damage the visible surface, carefully remove any loose material and tidy the cut edge using 60 Grit (or similar grade) sand paper.



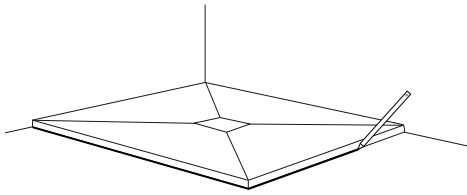
Test fit the shower tray in-situ making any further adjustments as necessary to ensure a snug fit as possible.

Check the shower tray for any damage and once you are satisfied, complete the installation by following the procedure for solid or suspended floors as appropriate.

DO NOT INSTALL A DAMAGED SHOWER TRAY.

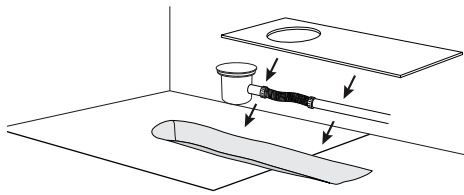
Installation – solid floor

1



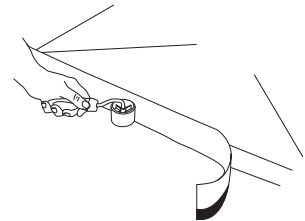
Place the shower tray **A** in position on the floor (ensuring surface is level) and mark the perimeter and waste hole on the floor.

2



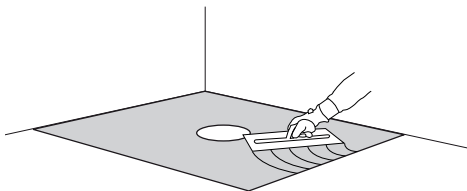
Form a trench in the floor to hold the bottle trap **C** and pipework in accordance with building regulations. Then blank off the trench (using 18mm ply with waste outlet cut out hole) so it remains clear after laying an cement bed in the area to fully support the shower tray **A**.
Before proceeding dry fit all items in-situ to ensure alignment and compatibility.

3



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 tray 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.

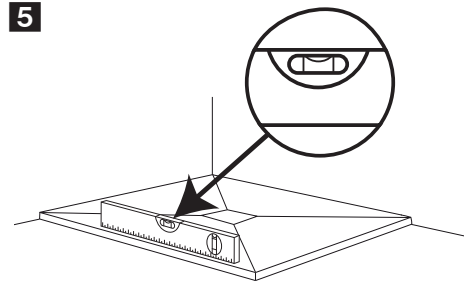
4



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 adhesive or similar **MUST NOT** be used as a substitute for cement.

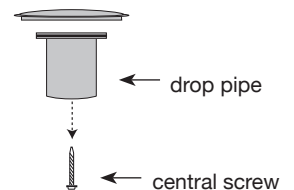
5



Place the shower tray **A** 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.

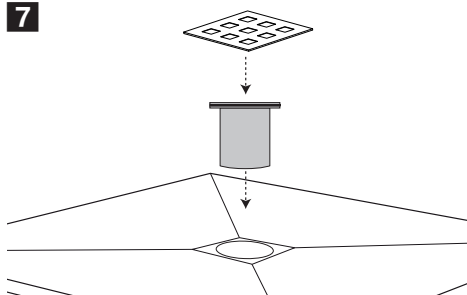
Connect the bottle trap in accordance with its installation instructions to the tray without fitting the chrome dome (if supplied) and attached down pipe.

6



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

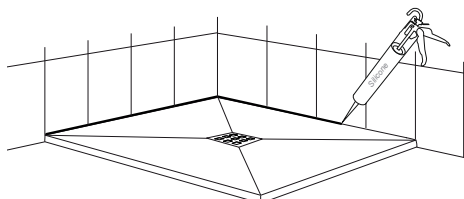
7



Slot the down pipe only into the bottle trap **C**, place the steel grid **B** 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



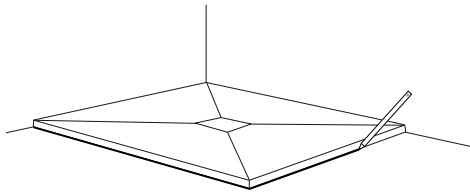
After all checks and adjustments, tile and then seal along the tiling line with silicone sealant. If necessary, use a proprietary silicone cleaning solvent to the covered area only prior to application.

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

Note! Your shower tray can be installed at subfloor level by forming a two-stage excavation at stage 2. Excavate the marked area of the tray to permit the tray and cement to sit below the floor level.

Installation – suspended floor

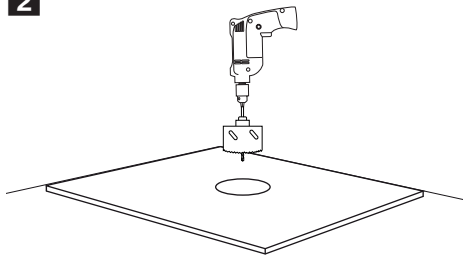
1



Place the shower tray **A** 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.

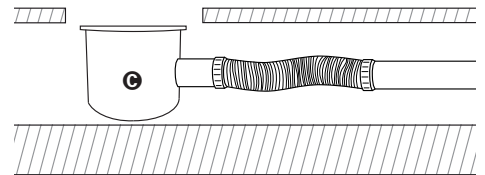
2



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

Note! Your shower tray can be installed at subfloor level by installing batons to the side of the joists (18mm down). Then cut the plywood to fit between the joists over the full area.

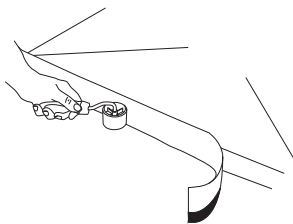
3



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

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

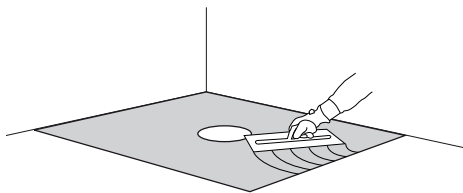
4



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 tray 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.

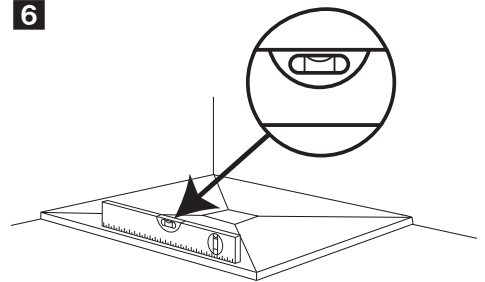
5



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 adhesive or similar **MUST NOT** be used as a substitute for cement.

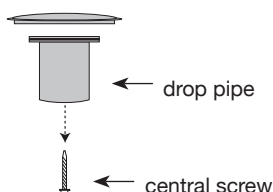
6



Place the shower tray **A** 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.

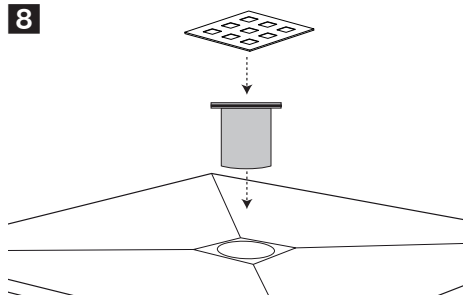
Connect the bottle trap in accordance with its installation instructions to the tray without fitting the chrome dome (if supplied) and attached down pipe.

7



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

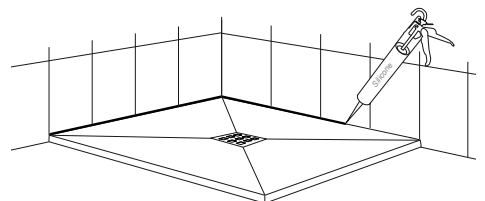
8



Slot the down pipe only into the bottle trap **C**, place the steel grid **B** 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**

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 required both along the tiles and the proposed enclosure outer edge due to the natural stone texture.

Troubleshooting

– Can I cut large areas of the tray?

Yes, providing that the outer dimension of the enclosure is maintained and that the waste outlet area is not affected.

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

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

– There is water retaining on the surfaces of the tray.

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.

– The shower tray will not fit the space available.

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

– Water will not flow fast enough down the waste outlet.

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.

– The enclosure will not fit on the shower tray.

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.

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

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.

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

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.

– Could I have a carpet on the floor in the bathroom?

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

– How do I check the installation for water tightness, flow and drainage as directed in the installation instructions?

These are simple checks to make. All that is required is to pour water over the entire surface of the tray at a rate similar to that which will occur when the shower is in normal use. The installer can then ascertain if water is leaking from the plumbing or tray edges (water tightness), establish if water flows through the waste and pipework correctly (flow) and judge if the amount of water on the tray surface is acceptable (adequate drainage over the entire area).