



Installation Instructions

1850 x 40/50mm Raised Shower Tray Kit

Parts Supplied

Description		Qty
Shower Tray		1
Shower Tray Extension		1

Parts Required (Fitting Kit)

Description		Qty
Shower Drain Base		1
Shower Drain Socket		1
Shower Drain Reducer		1
Shower Drain Internal Bowl		1
Shower Drain Internal Dome		1
Shower Drain Top		1
Disposable Tiling Aid		1
Shower Drain Finishing Grate		1
Lubricant		1

Materials Required

Description		Qty
Board Fixing Adhesive Bag (5kg)		2
Wood Floor Primer (250ml)		1
Sealing & Mounting Adhesive Tube (310ml)		1
Waterproofing Tape (5m)		1
Premix waterproof tape sealing compound (500ml)		1
Waterproofing Internal Corner		2
Notched Adhesive Trowel		1
Nylon Protective Gloves		1
Paintbrush		1

Tools required (not supplied)

- Additional Paint Brush (wood floors only)
 - Tape Measure
 - Pencil
 - Straight Edge
 - Hard Point Saw
 - Junior Hacksaw
 - Eye Protection
 - Level
 - Breathing Protection
 - Bucket
 - Solvent Weld Waste Adhesive
 - Sealant Gun
 - Measuring Jug
-



Before You Start

Important Information

PLEASE READ THESE INSTRUCTIONS THOROUGHLY BEFORE STARTING INSTALLATION.

If your product has slightly damaged edges, there is no need to return the product as these can easily be repaired and most minor damage will naturally be covered during installation.

Should you need to patch a repair that won't be naturally covered you should do so in the same way as you would seal a joint with Waterproofing Tape and Tape Sealer.

DO NOT PLACE STEP LADDERS OR HEAVY ITEMS ONTO THE SHOWER TRAY OR TRAY EXTENSION PRIOR TO TILING, AS THIS COULD PUNCH A HOLE THROUGH THE SURFACE.

When you are ready to start, make sure that you have the right tools to hand and that the installation area is clean and dry.

When drilling or fixing into walls or floors it is essential that you check for pipes and wires before commencing.

Site Preparation

All floor types need to be clean, dry and dust free.

All floor types need to be as flat and level as possible.

Prior to installation you will need to have access to a waste pipe in the correct position. Please ensure the waste pipe is accessible and any alterations to the floor are completed prior to installation.

If you are running your pipe work below the floor, the waste pipe must run in the same direction as your floor joists so please check your joists before starting installation.

When you are ready to start, make sure that you have the right tools to hand and that the installation area is clean and dry.



Step 1 (wood floors only)

If you are installing onto a wooden floor, make sure that the existing floor boards or sheets are fully secured down and as level and flat as possible. Paint the floor area where the shower will sit with the wood floor primer.

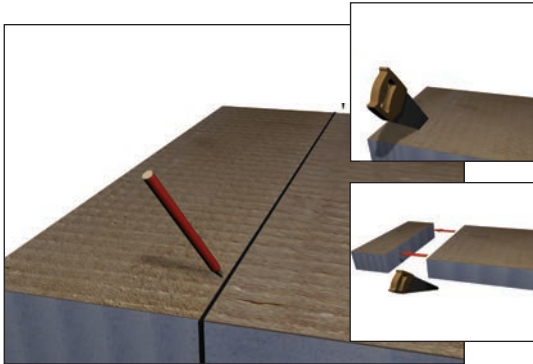
PVA MUST NOT BE USED IN PLACE OF THE WOOD FLOOR PRIMER.

Leave to dry for at least 2 hours.



Step 2

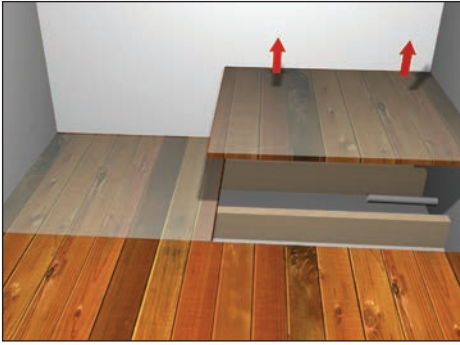
Measure the required overall length of the shower area with a tape measure. We would not recommend an area less than 1250mm in length because this would not allow a wide enough opening to get in and out of the shower easily.



Step 3

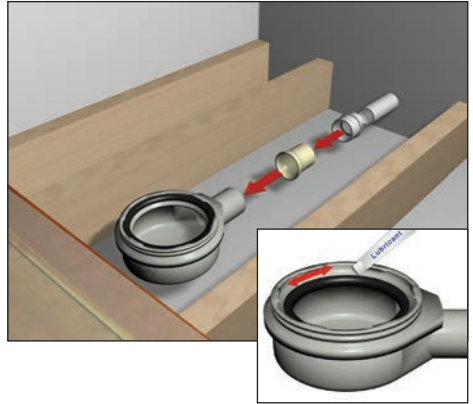
Note: The shower tray extension has a pre-built fall to avoid standing water. Ensure that the shower tray extension is the right way round before cutting.

The overall pack length is 1850mm and any reduction required should be cut from the end of the shower tray extension. Carefully mark the cut position using a pencil and straight edge. Cut the tray carefully using a hand point saw. Lay the shower tray (A) and shower tray extension into the required position to check the fit. Place the shower tray base into position and clearly mark the waste position. Cut a channel out to accommodate your waste pipe. Place the shower base and extension into position then draw a line along the floor as a guide for the adhesive covering. Through the drain in the shower tray mark the floor to show where the drain will sit. Carefully remove the shower tray and shower tray extension and store somewhere safe.



Step 4

Remove flooring as necessary to carry out works to the waste pipe. Please note that if there is a joist in the way of the shower drain base you will need to consult a professional joiner or structural engineer for advice.



Step 5

40mm Waste Pipe Only.

Solvent weld the shower drain reducer into the shower drain socket.

40mm & 50mm Waste Pipe.

The waste pipe must be properly supported to hold its own weight and that of the shower drain base. Spread solvent weld adhesive around the inside of the drain connector. Push the shower drain base onto the shower drain connector with a twisting action. Spread solvent weld adhesive around the inside of the opposite end of the shower drain connector and then slide onto the waste pipe with a twisting action. Once the solvent weld has set, pour water down the drain to check the waste is not blocked and that there are no leaks. Smear some lubricant around the black rubber seal on the shower drain base.

Note: Make sure all pipes and drainage parts are clean at all times using solvent waste pipe cleaner prior to connection.



Step 6

Measure the shower drain base position on the floor and mark this onto the relevant piece of plywood. Using a jigsaw cut a hole in the plywood so that the shower drain base and shower drain connector will be exposed through the new floor.

Note: The hole size should be no bigger than 180 x 180mm.

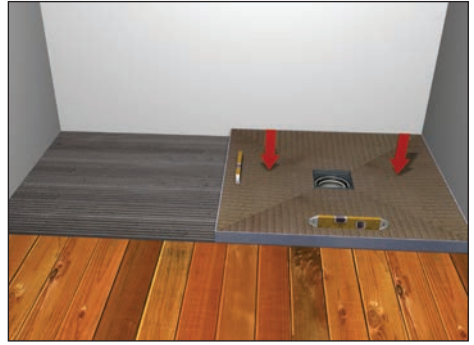
Important: Make sure the top of the waste is level and centred on the shower tray above. This is important for the connection of the trap to the shower tray.



Step 7

Put on the protective gloves and wear eye and breathing protection. Mix the bag of board fixing adhesive using the instructions on the side of the bag in a clean bucket. Spread the board fixing adhesive onto the floor of the shower position and drag the notched adhesive trowel across the surface. The notched adhesive trowel will make a ribbed pattern which will leave just the right amount of adhesive on the floor.

Note: The pipe must have a 3cm / metre fall.



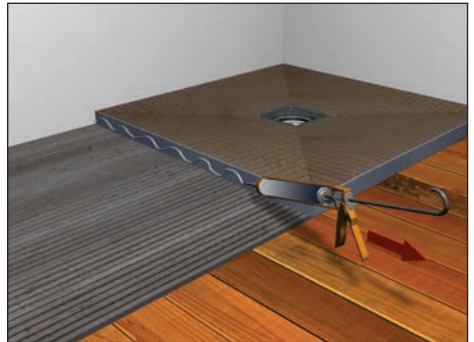
Step 8

Apply a wavy line of sealant adhesive to the two edges of the shower tray where it will touch the walls. Place the shower tray into position and bed down onto the adhesive cement. Check that the shower tray is level in both directions using a suitable level.



Step 9

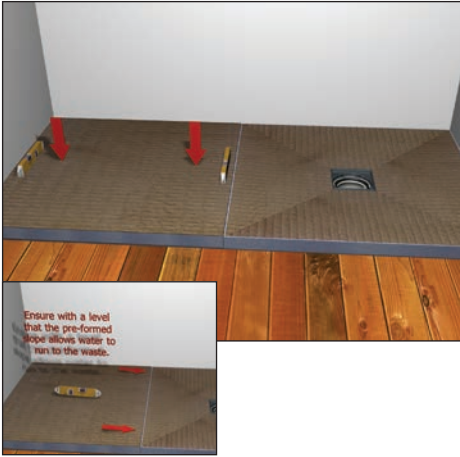
Put your fingers through the drain hole in the shower tray. Push down on the shower tray and pull the shower drain base upwards until it clicks into place into the drain hole in the shower tray.



Step 10

Open the sealant adhesive tube and squeeze a wavy line of adhesive along the edge of the shower tray that will join with the shower tray extension using a sealant gun.

Apply a wavy line of sealant adhesive to the two edges of the shower tray extension where it will touch the walls.

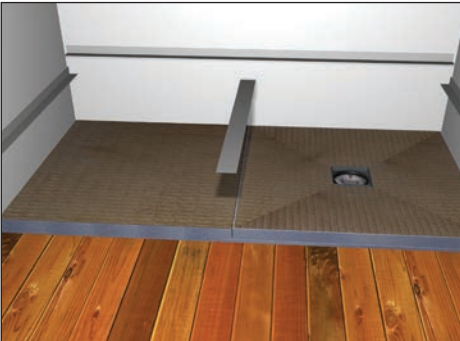


Step 11

Place the shower tray extension into position and bed down onto the adhesive. The shower tray extension needs to be level across the width of the tray but have a slight slope on the length towards the waste to allow water to run towards the drain. The slope is pre-formed into the shower tray extension so all you need to do is make sure the end of the shower tray extension is completely flat against the end of the shower tray. Check with a level that you have maintained the slight slope on the shower tray extension towards the drain.

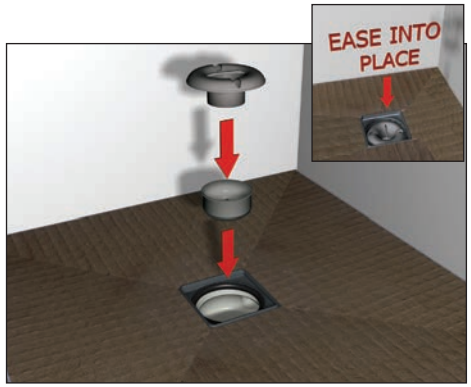
Leave to set for approximately 3 to 4 hours, depending on room temperature.

Please note: Ensure with a level that the pre-formed slope allows water to run to the waste.



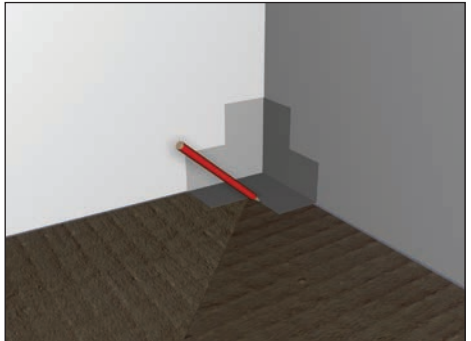
Step 13

From the roll of waterproofing tape cut three pieces to the width of the shower area and one piece to the length of the shower area. If the shower area is not wall to wall and is having a glass side panel you only need two pieces to the width of the shower area, not three.



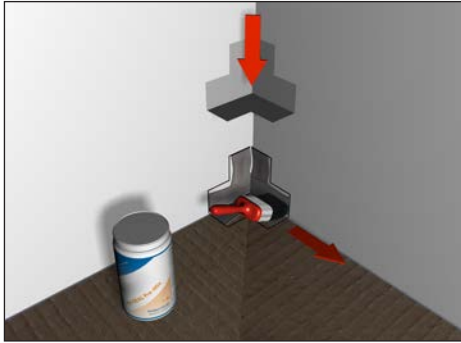
Step 12

Ease the shower drain internal bowl into the shower drain base. Ease the shower drain internal dome into the shower drain base. When you have finished you can remove the protective gloves and eye and breathing protection.



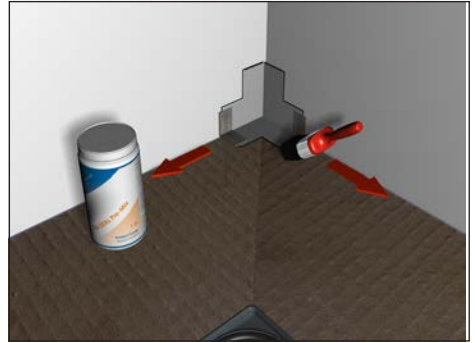
Step 14

Temporarily place the waterproofing internal corners into position and mark around them with a pencil. Once they are marked they can be removed. This is to show where you need to apply the tape sealer.



Step 15

Put on the protective gloves and wear eye and breathing protection. Using the premix waterproof tape sealer and paintbrush, apply a thin layer of tape sealer to the internal corners of the shower area, slightly bigger than the pencil line marked in step 14.



Step 16

Place the waterproofing internal corners into the internal corners of the shower area and push firmly into the tape sealer. Apply a further thin layer of tape sealer over the edges of the waterproofing internal corners.



Step 17

Where the shower area meets the wall apply a thin layer of tape sealer to the shower area and the adjoining wall approximately 60mm wide on both. Apply a thin layer of tape sealer across the joint between the shower tray and the shower tray extension to a width of approximately 120mm.

If the shower area is not wall to wall and is having a glass side panel you only need one waterproofing internal corner not two.

Step 19

IMPORTANT! Apply a further thin layer of tape sealer over the tape & corners to fully impregnate the tape.

When you have finished you can remove the protective gloves and eye and breathing protection.

Step 20

Leave to set for approximately 2 hours after which the tray is ready for tiling (depending on room temperature).



Step 18

Place the strips of waterproofing tape previously cut in step 12 along the edges of the shower area, folding half up the wall and half on the shower area as you go. Press firmly into the tape sealer and the tape should also overlap the waterproofing internal corners. Run the final strip of waterproofing tape across the joint between the shower tray and the shower tray extension making sure that it overlaps the tape along the edges.



Important Tiling Advice

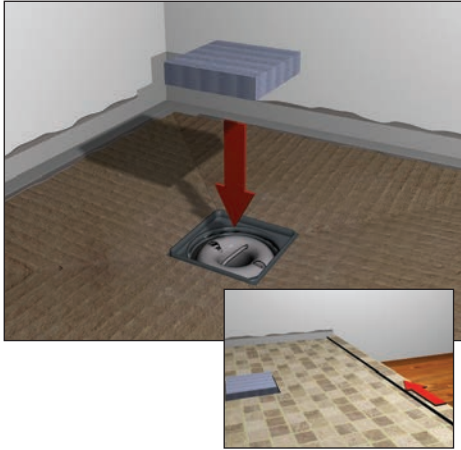
IT IS ESSENTIAL THAT YOU DO NOT USE A READY MIXED TILE ADHESIVE.

S1 FLEXIBLE CEMENT BASED POWDERED ADHESIVE MUST BE USED WITH TILEABLE SHOWER TRAYS.

The shower tray has slopes towards the drain pre-formed into the tray and these must be maintained when tiling as does the slope on the shower tray extension.

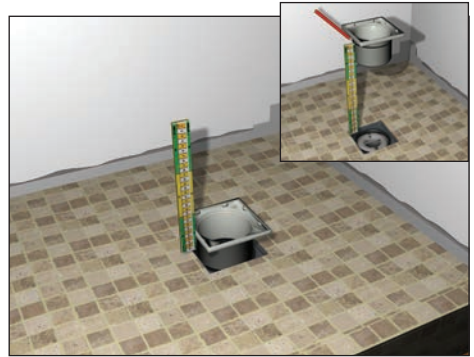
If you use tiles that are larger than 100mm it is necessary to cut the tiles along the same lines as are pre-formed into the shower tray to maintain the slope. For best results and ease of installation we would recommend mosaics or tiles of 50mm to 100mm.

Tileable shower trays are perfect for use with electrical under tile heating due to its excellent thermal properties. It is however essential that you check with the manufacturer that their product is entirely suitable for the area that you intend to install it in. If you are installing under tile heating it is essential that you consider any areas that will need products fixed to the floor for example shower screens. Avoid installing under tile heating directly below any fixing point to avoid the risk of damage to the heating mat.



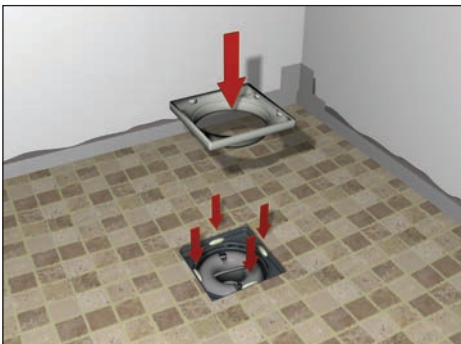
Step 21 (optional)

Place the disposable tiling aid into the shower drain hole on the shower tray. The tiling aid provides the edge that needs to be tiled up to whilst protecting the drain from debris. After tiling the base of the shower area, we recommend that you add a further narrow border of tiles approximately 30mm to 40mm wide, along the top of the outside edge to act as a water retainer, stopping water running out of the shower area.



Step 22

After tiling the shower tray the shower drain top can be fitted. Gently place the shower drain top into the shower tray. Measure from the top of the finished tile to the top of the shower drain top. From the opposite end/bottom of the shower drain top mark the same distance as previously measured. Using a hard point saw, cut the excess from the bottom of the shower drain top. Depending on your cutting skill, it may be necessary to file or sandpaper the cut edge to make it completely flat.



Step 23

Place a small blob of tile adhesive in the middle of all four sides of the shower drain hole in the shower tray. Gently ease the shower drain top into position in the shower tray.



Step 24

Fill the gap between the edges of the shower drain top and the start of the tiles with the same grout used during tiling. Place the shower drain finishing grate into position.

Leave to dry for at least 24 hours before using the shower.

Notes...

