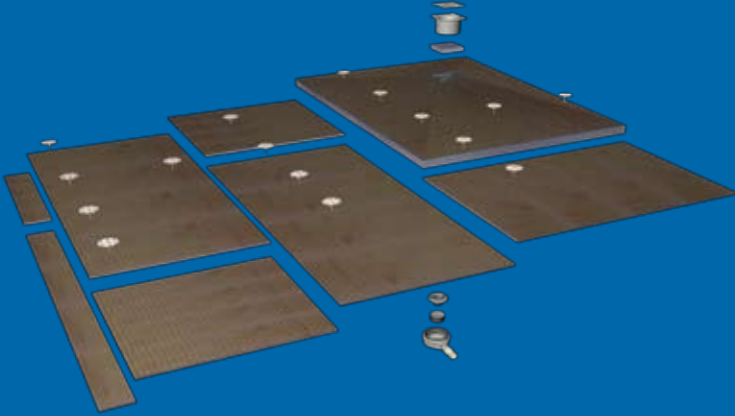


Please Note: Page 15 of the Elements UK Catalogue and Price List makes reference to Fix-MD. This is a useful product for board to board fixing, however it is not included as standard in this kit and is not necessary for installation. Fix-MD can be purchased separately from your supplier.



Installation guide

For Level Access Wetroom Systems

V2

Parts supplied



1 x Shower Tray
1200 x 900 x 30mm



5 x 10mm
Waterproof Boards



1 x Shower Drain
Base



1 x Shower Drain
Connector



1 x Shower Drain
Internal Bowl



1 x Shower Drain
Internal Dome



1 x Shower Drain
Top



1 x Shower Drain
Finishing Grate



2 x Fix-KST
Adhesive Bag (5kg)



2 x Waterproofing
Tape (10m)



1x Pro-DRY Tape
Sealer (3.5kg Tub)



4 x Waterproofing
Internal Corner



30 x Fixing Plate



30 x Fixing Plate
Screw



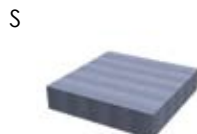
1 x Wood Floor
Primer (500ml)



1 x Notched
Adhesive Trowel



1 x Protective Gloves



1 x Disposable
Tiling Aid



1 x Lubricant

Tools required (not supplied)

- Paint Brush (wood floors only)
- Pencil
- Hard Point Saw
- Electric Drill
- Bucket
- Solvent Weld Waste Adhesive
- Timber Batten (approx. 20mm x 50mm)
- Plywood 18mm (size depends on room)
- Measuring Jug
- Tape Measure
- Straight Edge
- Circular Saw
- Breathing Protection
- Wood Bit
- Sealant Gun
- Screwdriver PZ2
- Jigsaw
- Eye Protection

Important Information

PLEASE READ THESE INSTRUCTIONS THOROUGHLY BEFORE STARTING INSTALLATION.

The waste pipe must run in the same direction as your floor joists so please check your joists before starting installation.

Check the pack and make sure you have all the parts listed.

If the shower tray (A) or waterproof boards (B) have 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 when you complete steps 24 and 25 in exactly the same way as you would seal a joint with waterproofing tape (K) and Pro-DRY tape sealer (L).

DO NOT PLACE STEP LADDERS OR HEAVY ITEMS ONTO THE SHOWER TRAY (A) OR WATERPROOF BOARDS (B) AS THIS COULD PUNCH A HOLE THROUGH THE SURFACE.

Certain spare parts and additional components are available if necessary and these can be obtained by calling the help line number at the end of the instructions.

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.

Floor boards must be securely fixed down prior to installation.

All derivatives of wooden floors need to be treated with the wood floor primer (P) prior to installation. **PVA MUST NOT BE USED IN PLACE OF THE WOOD FLOOR PRIMER (P).**

This product is not suitable for use on MDF.

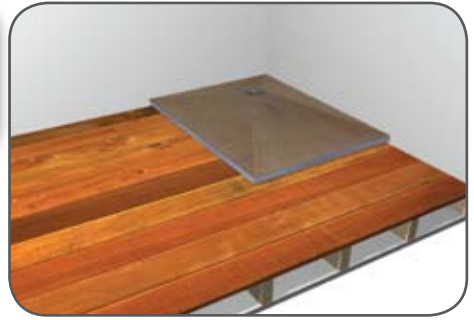
Prior to installation you will need to have access to a wastepipe in the correct position.

Please ensure that the wastepipe is accessible and any alterations to the floor are completed prior to installation.



Step 1

Measure the entire floor area and plan the layout on a sheet of paper. The shower tray (A) is 1200mm x 900mm and the waterproof boards (B) are 1250mm x 600mm. Decide if any of the waterproof boards (B) need to be cut and if they do, cut them now using a hand point saw. Lay the entire pack out across the floor area to check the fit. **DO NOT WALK ON OR STAND ANYTHING ON THE SHOWER TRAY (A) OR WATERPROOF BOARDS (B) AS THEY CAN EASILY BE DAMAGED AT THIS STAGE.** Carefully remove the waterproof boards (B) and store somewhere safe.



Step 2

Mark the shower tray (A) position onto the floor, the shower tray (A) is 1200mm x 900mm. Measure the position of the waste hole in the shower tray (A). Carefully remove the shower tray (A) and store somewhere safe.

Step 3

From the nails or screws holding the existing flooring down, establish where the joists are. Where the edge of the shower tray (A) runs across the joists, the floor cut line will be as marked in step 2. Where the edge of the shower tray (A) runs in the same direction as the joists, mark the centre line of the first joist outside the shower area as you will need to remove the floor up to this line.

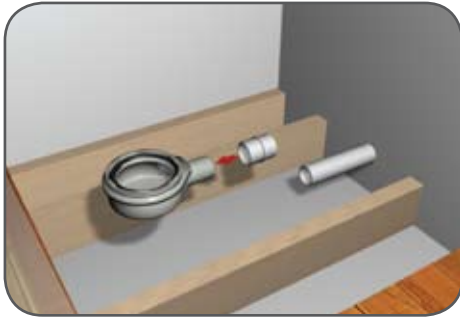


Step 4

Before proceeding, check thoroughly for pipes and wires under the floor. Set the circular saw blade to a depth of 18mm, it may be necessary to increase the depth slightly if 18mm does not go right through the floor. As a safety precaution, we would recommend that the circular saw is plugged into an RCD protected socket. Using the circular saw cut along the lines that you have marked and remove the flooring and all nails or screws.

Step 5

Make sure that the remaining floor boards or sheets in the rest of the room are fully secured down and as level and flat as possible.



Step 6

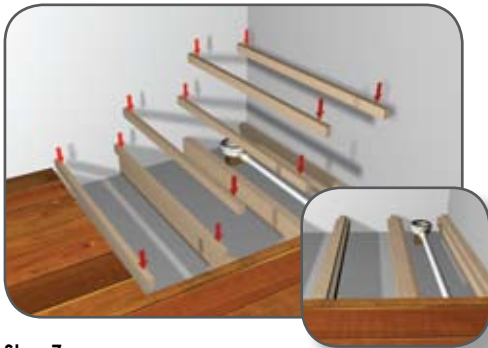
For water to drain away properly, the wastepipe must have a fall of at least 3cm per metre. If you are using 40mm diameter pipe it is essential that the shower has its own separate wastepipe with as direct run to the soil stack as is possible. Using the waste hole position measurement obtained in step 2, make any necessary alterations to your wastepipe. The wastepipe must be properly supported to hold its own weight and that of the shower drain base (C).

40mm Wastepipe Only

Solvent weld the shower drain reducer (E) into the shower drain connector (D)

40mm & 50mm Wastepipe

Spread solvent weld adhesive around the inside of the drain connector (D). Push the shower drain base (C) onto the shower drain connector (D) with a twisting action. Spread solvent weld adhesive around the inside of the opposite end of the shower drain connector (D) and then slide onto the wastepipe with a twisting action. Once the solvent weld has set; pour water down the drain to check that the waste is not blocked and that there are no leaks. Smear some lubricant (T) around the black rubber seal on the shower drain base (C).

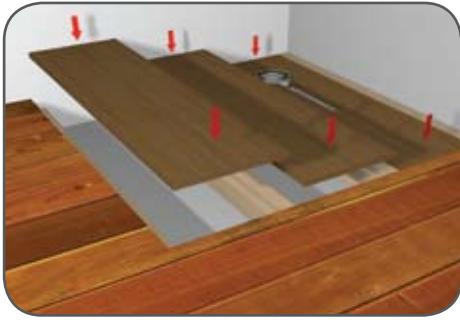


Step 7

All exposed joists will now need a batten running along the inside of the joist to accommodate the new plywood low level floor. Measure the length of the exposed joist taking into account any obstructions. Cut some timber batten (approx 20mm x 50mm) to length and screw at approximately 150mm intervals to the inside of all joists 18mm below the top of the joists.

Step 8

Cut some 18mm plywood to fit between the joists on top of the batten fitted in step 7.



Step 9

Measure the shower drain base (C) 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 (C) and shower drain connector (D) will be exposed through the new floor.

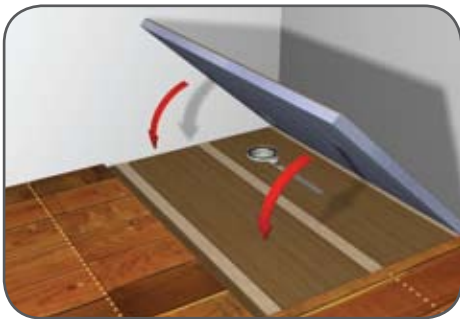
Check the position of any pipes or wires and mark these on top of the joist for reference. Lay the plywood into position and pilot drill and countersink making sure you avoid any pipes and wires marked on the joists. Fix the plywood on top of the timber battens with a suitable wood screw at approximately 150mm intervals.



Step 10

Before proceeding, check thoroughly for pipes and wires.

If you are left with a gap between the edge of the shower tray (A) and the start of the original flooring, this should be filled with a piece of the flooring that you removed in step 4 and securely screwed down onto the new plywood.



Step 11

Lay the shower tray (A) into the required position to check the fit of the shower drain base (C). Once you are happy with the fit, carefully remove the shower tray (A) and store somewhere safe.



Step 12

Put on the protective gloves (R) and wear eye and breathing protection.

Paint the entire floor area including the new plywood with the wood floor primer (P). When you have finished you can remove the protective gloves (R) and eye and breathing protection.

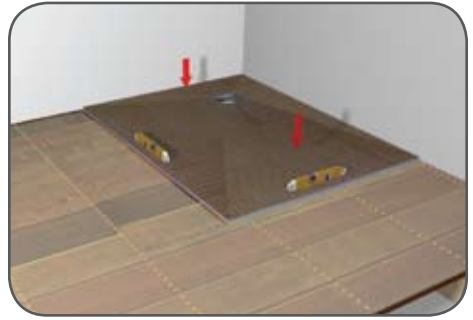
Leave to dry for at least 2 hours.



Step 13

Put on the protective gloves (R) and wear eye and breathing protection.

Mix one of the 5kg bags of Fix-KST adhesive (J) with approximately 1 Litre of water in a clean bucket which will give the adhesive a stiff consistency. Where the shower tray (A) will sit, spread the Fix-KST adhesive (J) onto the floor and drag the notched adhesive trowel (Q) across the surface. The notched adhesive trowel (Q) will make a ribbed pattern which will leave just the right amount of adhesive on the floor.



Step 14

Place the shower tray (A) into position and bed down onto the adhesive. Check that the shower tray (A) is level in both directions along the edge using a suitable level.



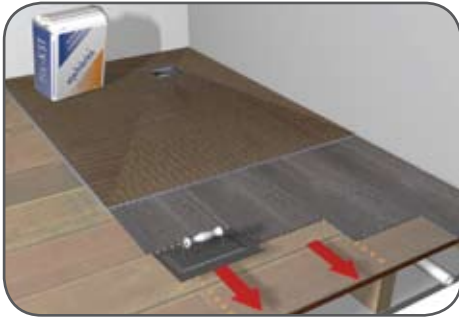
Step 15

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



Step 16

Ease the shower drain internal bowl (F) into the shower drain base (C). Ease the shower drain internal dome (G) into the shower drain base (C).



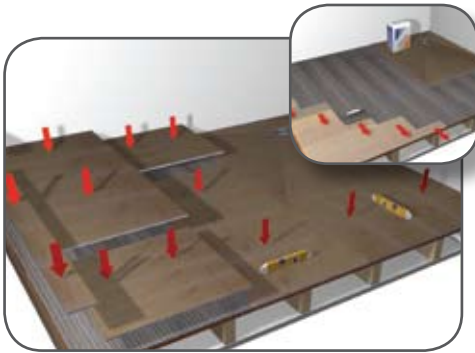
Step 17

Where the first waterproof board (B) will sit, spread the Fix-KST adhesive (J) onto the floor and drag the notched adhesive trowel (Q) across the surface. The notched adhesive trowel (Q) will make a ribbed pattern which will leave just the right amount of adhesive on the floor.



Step 18

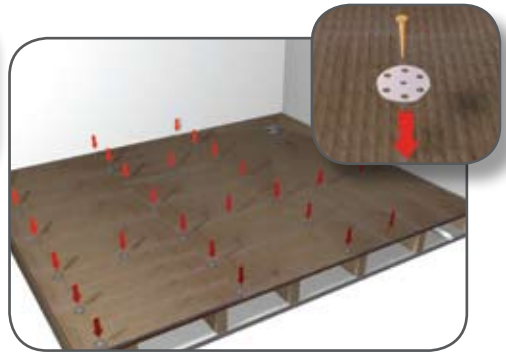
Place the first waterproof board (B) into position and bed down onto the adhesive cement. Check that the waterproof board (B) is level in both directions using a suitable level. The floor is designed to be fitted flat and is fully waterproof however water will sit on a flat surface. If the floor immediately outside the showering area is likely to get wet, it is advisable to angle the first board slightly so that water will run back towards the drain.



Step 19

Repeat steps 17 and 18 for the remaining waterproof boards (B), mixing the second bag of Fix-KST adhesive (J) when required. When you have finished you can remove the protective gloves (R) and eye and breathing protection.

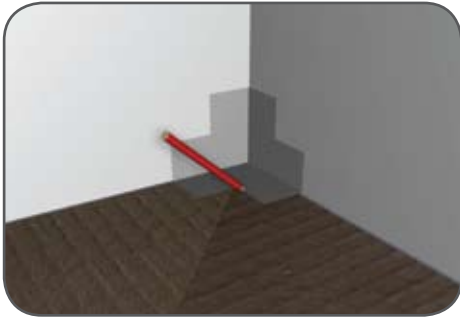
Leave to set for approximately 3 to 5 hours.



Step 20

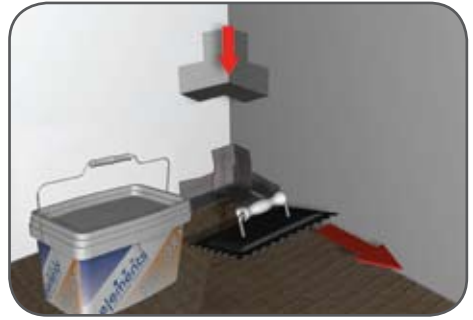
Before proceeding, check thoroughly for pipes and wires under the floor.

Along all joins fit the fixing plates (N) at approximately 300mm to 400mm centres. Place the centre hole of the fixing plates (N) directly over the join line and screw to the floor with the fixing plate screws (O).



Step 21

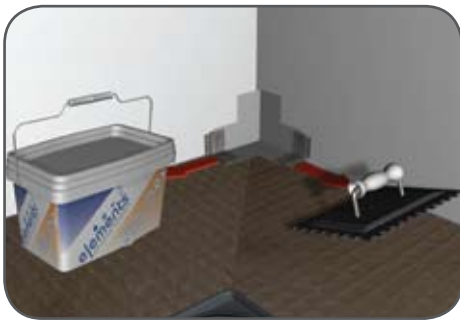
Temporarily place the waterproofing internal corners (M) into position and mark around them with a pencil. Once you have marked they can be removed. This is to show where you need to apply the Pro-DRY tape sealer (L).



Step 22

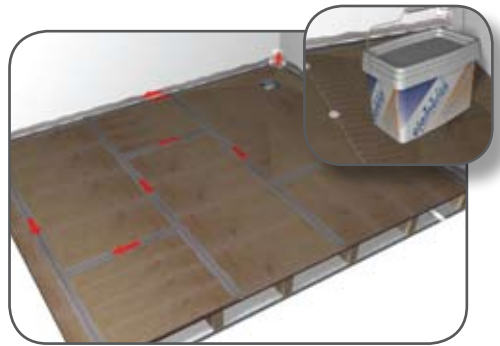
Put on the protective gloves (R) and wear eye and breathing protection.

Mix the 3.5kg tub of Pro-DRY tape sealer (L) with approximately 0.63 Litres of water in a clean bucket which will give the sealer a weak consistency. Using the un-notched side of the notched adhesive trowel (Q), apply a thin layer of Pro-DRY tape sealer (L) to the corners of the room, slightly bigger than the pencil line marked in step 21.



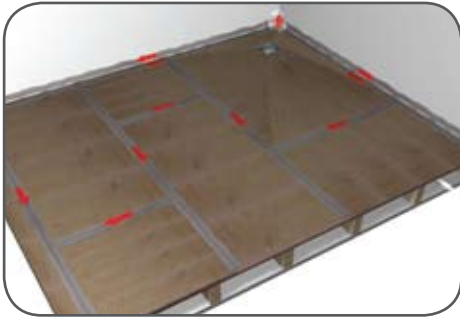
Step 23

Place the waterproofing internal corners (M) into the internal corners of the shower area and push firmly into the tape sealer (L). Apply a further thin layer of Pro-DRY tape sealer (L) over the edges of the waterproofing internal corners (M).



Step 24

Using the un-notched side of the notched adhesive trowel (Q) apply a thin layer of Pro-DRY tape sealer (L) to the edges of the floor and adjoining wall approximately 60mm wide on each. Apply a thin layer of Pro-DRY tape sealer (L) approximately 120mm wide along all joints and over all fixing plates (N).



Step 25

Run waterproofing tape (K) around the edges of the room, folding half up the wall and half on the floor as you go. The waterproofing tape (K) should be cut to length but overlap approximately 20mm onto the waterproofing internal corners (M). Press the waterproofing tape (K) firmly into the Pro-DRY tape sealer (L). Place the strips of waterproofing tape (K) across all joints and fixing plates (N) pressing firmly into the Pro-DRY tape sealer (L). The waterproofing tape (K) should be cut to length but overlap approximately 20mm on the edges. When you have finished you can remove the protective gloves (R) and eye and breathing protection.

Leave to set for approximately 3 to 5 hours after which the floor is ready for tiling

Steps 26, 27, 28 & 29 are after the Important Tiling Advice.

Important Tiling Advice

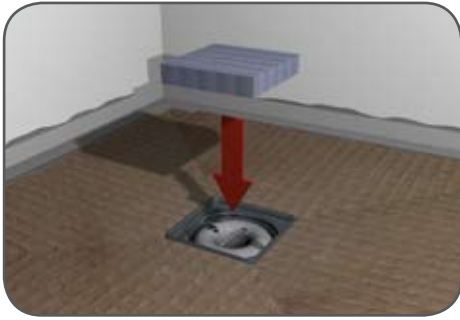
IT IS ESSENTIAL THAT YOU DO NOT USE A READY MIXED TILE ADHESIVE.

FLEXIBLE CEMENT BASED POWDERED ADHESIVE MUST BE USED WITH SHOWER CONCEPT TRAY KITS.

The shower tray (A) 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 (C).

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 (A) to maintain the slope. For best results and ease of installation we would recommend mosaics or tiles of 50mm to 100mm.

Elements shower concept tray kits 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 screwing through the heating.



Step 26

Place the disposable tiling aid (S) into the shower drain hole on the shower tray (A). The tiling aid (S) provides the edge that needs to be tiled up to whilst protecting the drain from debris.



Step 27

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



Step 28

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

Leave to set for approximately 3 to 5 hours



Step 29

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

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

**If you require any assistance or advice,
please contact the Helpline on 0845 8 50 50 40**

Due to our commitment to continuous product development we reserve the right to alter specifications without notice. Products are guaranteed against manufacturing defects for the first purchaser only and the guarantee is non-transferable. Our liability under any guarantee expressed or implied is strictly limited to replacement of defective goods or a refund at our discretion and no consequential losses will be entertained. Proof of purchase will be required.

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