



# Installation Guide

Penta Shower Cubicle

## Parts supplied

|                                                                                                                                                      |                                                                                                                                       |                                                                                                                                       |                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A</p>  <p>1 x Shower Tray</p>                                    | <p>B</p>  <p>1 x Shower Tray Base</p>                | <p>C</p>  <p>2 x Shower Walls</p>                    | <p>D</p>  <p>1 x Shower Drain Base</p>                             |
| <p>E</p>  <p>1 x Shower Drain Connector</p>                         | <p>F</p>  <p>4 x Mounting Aid</p>                    | <p>G</p>  <p>1 x Shower Drain Internal Bowl</p>      | <p>H</p>  <p>1 x Shower Drain Internal Dome</p>                    |
| <p>I</p>  <p>1 x Shower Drain Top</p>                               | <p>J</p>  <p>1 x Shower Drain Finishing Grate</p>    | <p>K</p>  <p>2 x board fixing Adhesive Bag (5kg)</p> | <p>L</p>  <p>1 x sealing &amp; mounting Adhesive Tube (310ml)</p> |
| <p>M</p>  <p>1 x Waterproofing Tape (10m)</p>                       | <p>N</p>  <p>1x waterproof tape sealing compound</p> | <p>O</p>  <p>3 x Waterproofing Internal Corner</p>   | <p>P</p>  <p>1 x Wood Floor Primer (250ml)</p>                     |
| <p>Q</p>  <p>1 x Notched Adhesive Trowel</p>                      | <p>R</p>  <p>1 x Protective Gloves</p>             | <p>S</p>  <p>1 x Disposable Tiling Aid</p>         | <p>T</p>  <p>1 x Lubricant</p>                                   |
| <p>U</p>  <p>2 x sealing &amp; mounting adhesive Adhesive Tube</p> | <p>V</p>  <p>1 x Paint Brush</p>                   |                                                                                                                                       |                                                                                                                                                     |

## Tools required (not supplied)

- Paint Brush (wood floors only)
- Pencil
- Hard Point Saw
- Eye Protection
- Bucket
- Solvent Weld Waste Adhesive
- Measuring Jug
- Tape Measure
- Straight Edge
- Junior Hacksaw
- Breathing Protection
- Level
- Sealant Gun
- Screwdriver PZ2

## BEFORE YOU START

### 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 the shower tray Base (B) or Shower Walls (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 16 and 17 in exactly the same way as you would seal a joint with waterproofing tape (L) and tape sealer (M).

**DO NOT PLACE STEP LADDERS OR HEAVY ITEMS ONTO THE SHOWER TRAY (A), SHOWER TRAY BASE (B) OR SHOWER WALLS (C) 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 helpline 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.

**DO NOT CLIP THE WASTE INTO POSITION WITHIN THE TRAY UNTIL INSTRUCTED TO DO SO IN THE INSTRUCTIONS THAT FOLLOW; THE WASTE CLIPS INTO THE TRAY SECURELY AND IS NOT DESIGNED TO BE REMOVED, THEREFORE THIS MAY CAUSE DAMAGE TO THE TRAY LUGS AND/ OR WASTE IF THIS WARNING IS IGNORED. THE MANUFACTURER CANNOT BE HELD LIABLE FOR ISSUES ARISING DUE TO DAMAGE CAUSED IN THIS WAY.**

## Site Preparation

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

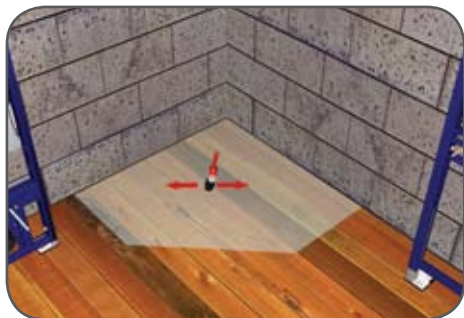
All floor types need to be as flat and level as possible.

Floor boards must be securely fixed down prior to installation.

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

This product is not suitable for use on MDF.

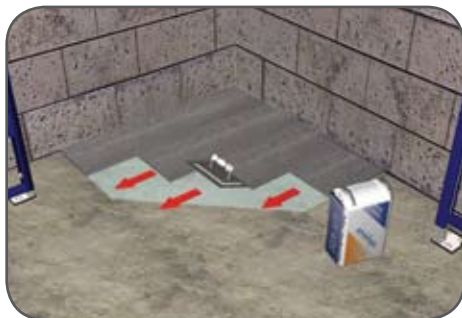
Prior to installation you will need to have access to a wastepipe in the correct position. Please ensure that the wastepipe is accessible and any alterations to the floor are completed prior to installation.



### Step 1

(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 (P). PVA MUST NOT BE USED IN PLACE OF THE WOOD FLOOR PRIMER (P). Leave to dry for at least 2 hours.



### Step 2

Put on the protective gloves (R) and wear eye and breathing protection. Mix the bag of board fixing adhesive (K) according to manufacturer's instructions to achieve a stiff consistency. Spread the board fixing adhesive (K) onto the floor of the shower position 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 3

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



### Step 4

Install any water and waste services within the channels pre-routed in the shower tray base (B).



### Step 5

For water to drain away properly, the wastepipe must have a fall of at least 3cm per metre. Make any alterations to your wastepipe to meet the position marked in step 3. The wastepipe must be properly supported to hold its own weight and that of the shower drain base (D). Spread solvent weld adhesive around the inside of the shower drain connector (E). Push the shower drain base (D) onto the shower drain connector (E) 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. Replace the flooring ensuring that an adequate hole has been cut to allow for the shower drain base (D) to be exposed through the floor. Smear some lubricant (T) around the black rubber seal on the shower drain base (D).



### Step 7

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 (D) upwards until it clicks into place into the drain hole in the shower tray (A).



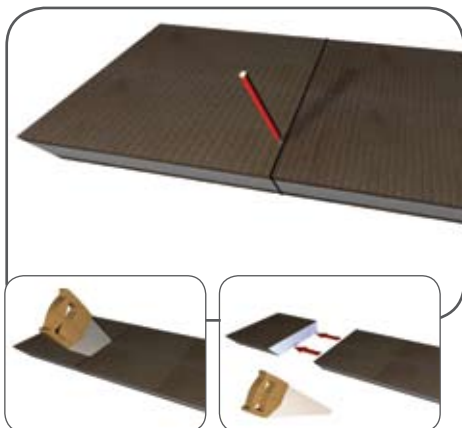
### Step 6

Apply a wavy line of sealing & mounting adhesive (L) across the surface of the shower tray base (B). Lower the shower tray (A) onto the shower tray base (B) and push firmly into position. Check with a level that the edges of the shower tray (A) are level in both directions.



### Step 8

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 (D) upwards until it clicks into place into the drain hole in the shower tray (A).



### Step 9

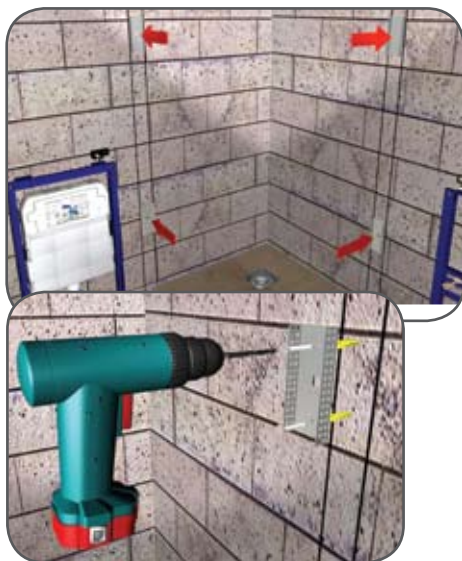
Measure the height from the surface of the shower tray (A) to the ceiling, then cut the Shower Walls (C) to the required length.

**Note:** If you have a high ceiling you may want to consider purchasing a Penta Flat Roof Option available separately.



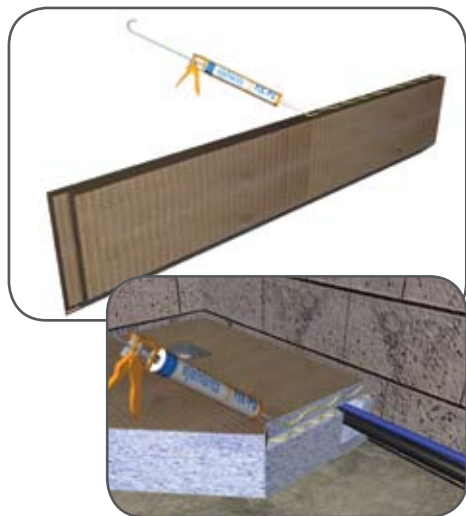
### Step 10

Offer the Shower Walls (C) into place, then mark a vertical line on either side of each Shower Wall (C). Set the Shower Walls (C) aside.



### Step 11

Fix 2 No. Mounting Aids (F) to the wall for each Shower Wall (C) with a suitable screw fixing. This will give the shower walls (C) additional support.

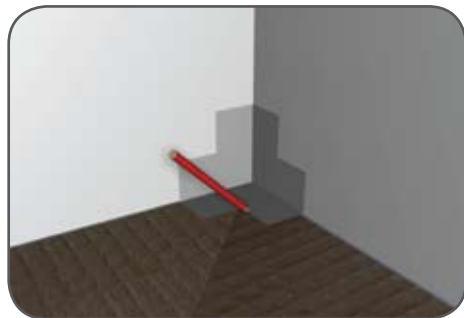


### Step 11

Fix the 2 No. Shower Wall (C) into place, then leave to set for approximately 1 hour.

### Step 10

Apply a thin wavy line of sealing & mounting adhesive (U) to the side of each vertical upright element ( ) where it meets a wall, then apply a thin wavy line of sealing & mounting adhesive ( ) to each side of the tray as shown.

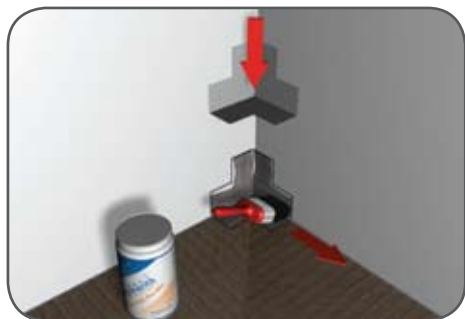


### Step 12

From the roll of waterproofing tape (M) cut enough strips to cover the joints where the shower tray (A) meets a wall or Shower Wall (C), plus two strips to cover the joint where the Shower Wall (C) meets an inside wall. These can be set aside for the moment.

### Step 13

Temporarily place the waterproofing internal corners (O) 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 tape sealer (N).



#### Step 14

Put on the protective gloves (R) and wear eye and breathing protection. Using the tape sealer (N) and paintbrush (V), apply a thin layer of tape sealer (N) to the internal corners of the shower area, slightly bigger than the pencil line marked in step 13.



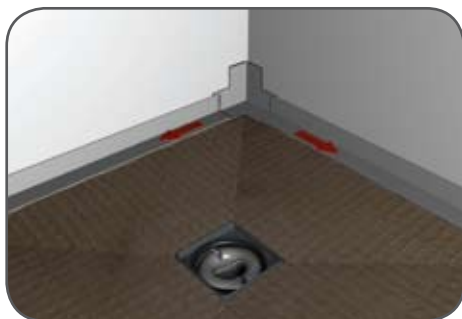
#### Step 15

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



#### Step 16

Apply a thin layer of tape sealer (N) across the joint where the Shower Walls (C) meet an inside wall and also where the shower tray (A) meets a wall, slightly wider than the width of the waterproofing tape (M) using a paintbrush (V).



#### Step 17

Place the strips of waterproofing tape prepared in step 13 then push firmly into the tape sealer (N). Apply a further thin layer of tape sealer over the waterproofing tape (M) and the internal corners (O) to give additional waterproofing properties.

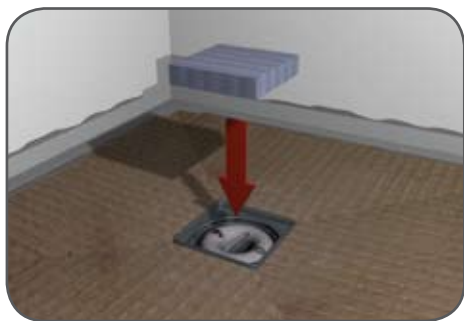
Leave to set for approx 12 hours after which the cubicle is ready for tiling.

### 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 TRAY KITS.**

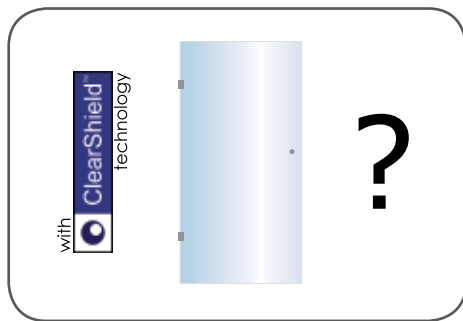
The shower tray (A) has slopes towards the drain pre-formed into the tray and these must be maintained when tiling.

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. These shower 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.



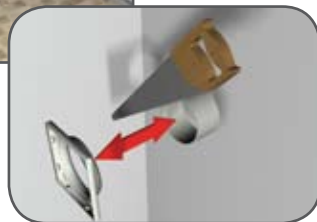
#### Step 18

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 19

If you are installing a Penta Cubicle Frameless Glass Door please ensure that a tile to tile opening width of 750mm is achieved.



#### Step 20

After tiling the shower tray the disposable tiling aid (S) can be removed and shower drain top (I) can be fitted. Gently place the shower drain top (I) into the shower tray (A). 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 (I) mark the same distance as previously measured. Using a hand point saw, cut the excess from the bottom of the shower drain top (I). Depending on your cutting skill, it may be necessary to file or sandpaper the cut edge to make it completely flat.



### Step 21

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 (I) into position in the shower tray (A). Leave to set for approximately 3 to 5 hours. Fill the gap between the edges of the shower drain top (I) and the start of the tiles with the same grout used during tiling. Place the shower drain finishing grate (J) into position. Leave to dry for at least 24 hours before using the shower.

## Notes...

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.