PCS High Performance Construction Products

Raising Plinth
Fixing Instructions

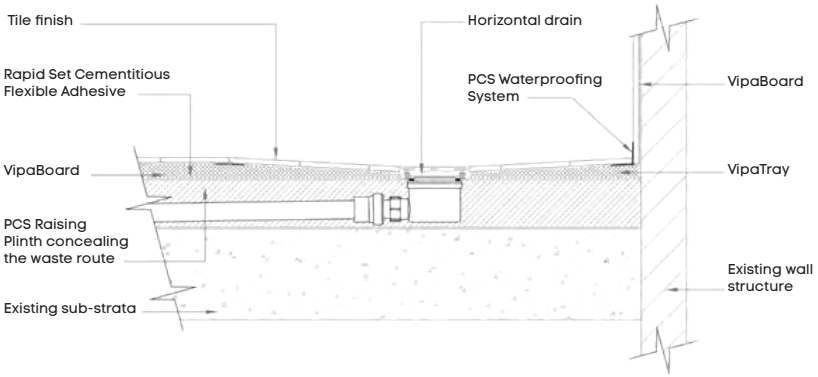
PCS Raising Plinths are designed to be used in conjunction with VipaTrays to create luxurious Raised Wetrooms and shower enclosures.

They are ideally suited for installation above concrete floors where the drain body and waste route can be concealed within the raised platform preventing the need for excavation of the concrete floor. They can also be used to create a raised shower area onto wooden floors.

Raised wetrooms are created using a PCS Raising Plinth, a fully waterproof pre-formed base that is available to suit all VipaTray sizes.

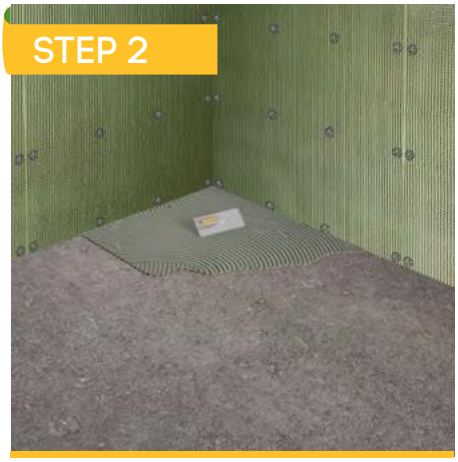
The PCS Raising Plinth comes with a machined aperture to hold the drain body in position and is installed below a VipaTray. A VipaTray is fixed to the top of the raising plinth with cement based flexible adhesive.

Typical Floor Selection



Clear the working area and position the PCS Raising Plinth in the desired position. Mark the floor around the raising plinth.

Cut a 60mm wide channel through the PCS Raising Plinth to make a clear path for the waste pipe route. This channel needs to be back filled with adhesive at a later stage so do not cut it wider than it needs to be. We highly recommend that all walls in the shower area are lined with VipaBoard creating a completely insulated, waterproof solution ready for the application of tiles.



The PCS Raising Plinth is permanently fixed in place using a good quality, cement based, rapid setting, flexible tile adhesive. Apply the adhesive with a suitable thick bed, notched trowel to the area where the Raising Plinth is to be placed.

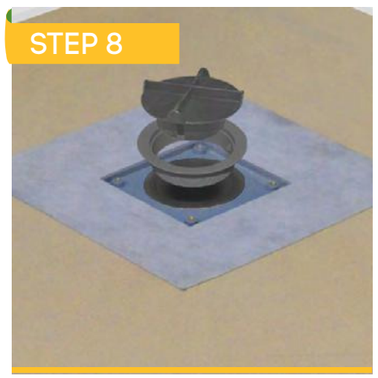
Place the PCS Raising Plinth into the adhesive and firm down to ensure good contact with the adhesive bed. Check that the surface of the PCS Raising Plinth is level.

Locate the drain body in position and connect to the waste pipe using 1 ½" ABS solvent weld waste pipe. Ensure all joints are water tight as you will not be able to return to this assembly later.

To ensure the drain body aligns with the drain aperture within the VipaTray, temporarily place the VipaTray onto the PCS Raising Plinth checking that they align, make any adjustments as necessary.

Apply a bed of adhesive to the top of the PCS Raising Plinth using a notched trowel. The adhesive should also be used to backfill the channel around the waste pipe. When applying the adhesive near the drain body it is important to leave a 10mm gap around the rubber seal of the drain body. Should the adhesive come into contact with the rubber seal, remove the seal immediately and clean thoroughly with water before continuing.

Place the VipaTray on the PCS Raising Plinth and firm down onto the adhesive bed and against the walls. Check that the edges of the VipaTray are level. If the VipaTray is set out of level, water will not flow to the drain correctly.



Following the instructions provided with your chosen VipaTray fit the threaded waste collar into the drain body and sufficiently tighten using the securing tool, ensure a good seal is created between the VipaTray and drain before the adhesive hardens.

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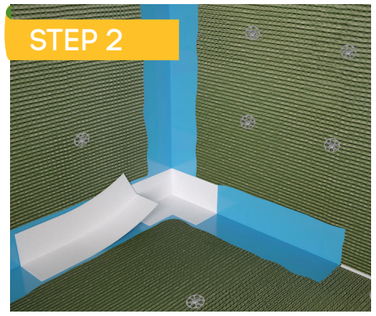
Waterproofing & Joint Bridging

VipaTray and VipaBoard are waterproof elements manufactured ready to receive the application of tiles and do not require additional surface preparation. However it is essential that all joint and abutments in areas subject to moisture and water ingress must be bridged with a suitable waterproofing system prior tiling.

All walls in the shower room should be with VipaBoard, creating a completely insulated, waterproof environment.

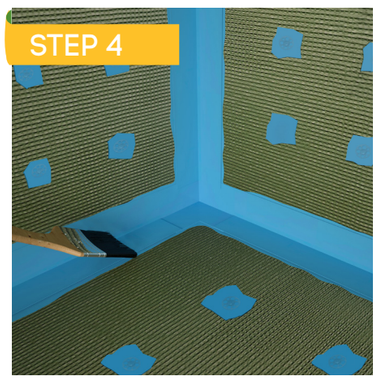
Apply a 5mm bead of VipaTek to all wall to floor joints and wall angles. If there are joints or gaps greater than 5mm wide we recommend filing the gaps with a cement based tile adhesive before applying VipaTek.



Using a paint brush, apply a thin coat (0,5mm thick) of PCS Waterproofing Paste over all joints to be sealed. PCS waterproofing paste is designed to be applied sparingly. Avoid applying this paste in heavy layers.

The paste should be applied approximately 15mm wider than the waterproofing fleece tape. Bed the fleece tape into the wet paste starting with the pre-fabricated corner tape first. Make sure that no air pockets remain under the tape.

Cut the waterproofing tape to the required length allowing the tape to overlap any previously fitted tape by a minimum of 50mm.



Make sure that the waterproofing tape is bedded into the waterproofing paste. When the first coat of paste has dried (10-30 minutes) a second and final coat of paste must be applied over the taped to ensure a watertight seal is created.

It is important that all screw fixings within the shower area, are also made waterproof by applying the waterproofing paste and tape.

Waterproofing Kit Contents

rev.1

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