Eastbrook

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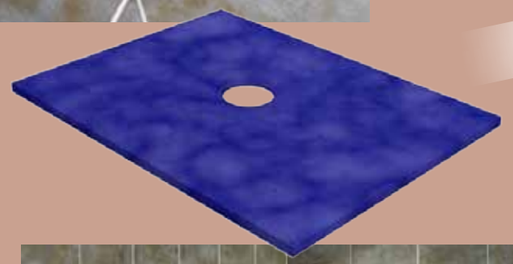
NEW

Biava wet floor system

The product is able to incorporate benefits such as stylish and elegant designs, flexibility, ease of cleaning, level access, low maintenance with an amazing wow factor and rarely takes more than half a day to install.

This proven system comes from a manufacturer with over 300,000 installations, available now through the Eastbrook Biava Brand, with its excellent backup and customer service. This system complements the Eastbrook Volente and Cotswold range of walk in showering enclosures.

Biava wet floor system



NEW

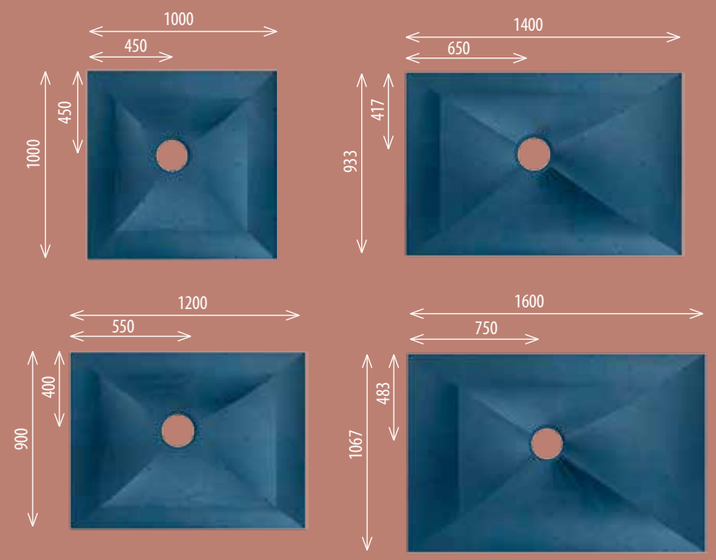
This product enables you to have a bathroom with a showering area at the same level as the rest of the room giving the benefit of complete level access, especially helpful with users such as wheelchairs, elderly and children. This affordable system incorporates the optimum gradient, drainage and waterproofing all in one package.

The Eastbrook Biava wet floor system consists of:

The Biava Floor Former

There are several sizes of lightweight easy to install floor formers with 100% rigidity and a consistent 1:40 gradient. These formers feature a unique patented four way floor design giving the benefits of clear linear finish and very high flow rate of water to the drainage waste. They are also designed to fit on both timber joisted floors and concrete floors.

- 1000 x 1000mm
- 1200 x 900mm
- 1400 x 933mm
- 1600 x 1067mm



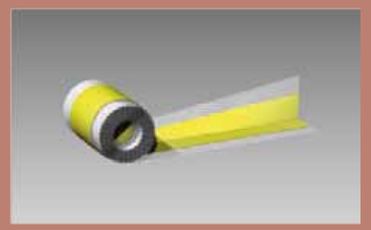
Floor Formers

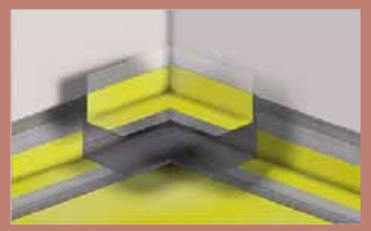
Size	Code	£ Ex VAT	£ Inc VAT
Biava floor former 1200mm x 900mm	65.0001	399.00	468.83
Biava floor former 1000mm x 1000mm	65.0002	420.00	493.50
Biava floor former 1400mm x 933mm	65.0003	460.00	540.50
Biava floor former 1600mm x 1067mm	65.0004	499.00	586.33
Biava 5m^2 Membrane kit	65.0005	199.00	233.83

Biava 5m^2 Membrane Kit

The Waterproof tanking kit is quick and easy to install and acts as a key for the tile adhesive as well as being the water proof barrier. Can be bought and used separately to waterproof any bathroom without the need to use a floor former. With some quick set adhesives, tiling can begin almost immediately.

- Quick & easy to install
- 5 metre kit includes joint tape, 4 internal corners and 1 external corner
- 10 year warranty

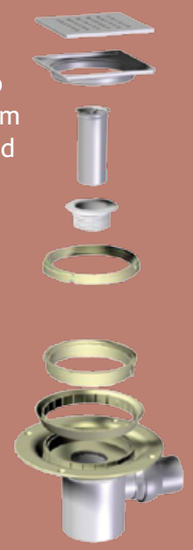




The Drainage Waste

The shower waste drainage system is fully adjustable and flexible for those awkward joist situations that add so much installation time with other systems.

The waste is adjustable to take tiles from 6 - 26 mm and has a simple solution for Vinyl floors.



Biava wet floor system

Biava Floor Former Installation Guide

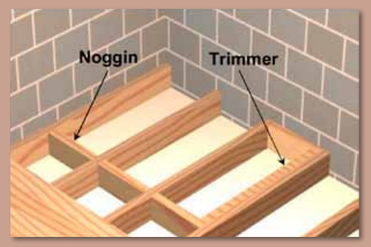
- Please read installation instructions carefully before proceeding.
- If you are unsure about any part of the installation, please contact our Technical Department.
- The dec and the drain are designed to be installed level and flush with the finished floor. The dec requires a solid platform on which to be installed.
- Prior to commencing with the installation check the existing floor is level. If it is not this will need to be corrected otherwise any water that escapes the graded area will puddle outside of the wet area.
- Please note we recommend a flow rate no greater than 22 litres per minute for use with this product. Ensure your shower unit does not exceed this.
- As with any wet room there may be splashes of water outside the graded area. Depending on the room lay-out consideration should be given to the use of a shower screen and to the positioning of other bathroom furniture.

Step1

Position the floor former into the desired location on the floorboards and mark around the outer edge with a pencil.

Step 2

Using a suitable saw cut along the marked lines then remove the floorboards. Use extreme care whilst cutting the floor as there may be hidden pipes and cables.

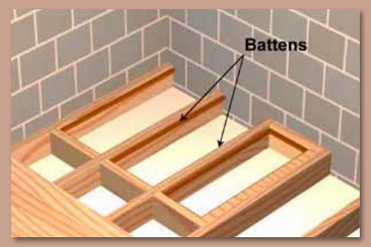


Step 3

Fit noggins and trimmers as required to support the outer edges of the former. The new timbers must be positioned so that the same timber can support the former and the floorboards. *(See diagrams opposite)*. Floorboards removed for Illustrative purposes.

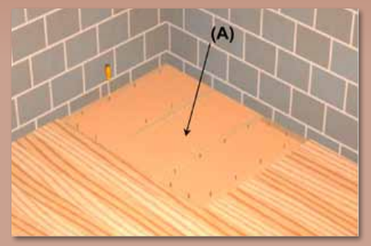
Step 4

Measure the position of the floor drain aperture and position the waste trap accordingly, install the waste pipe work in accordance with current building regulations and connect to the trap in an approved manner. Floor Boards removed for illustration purposes.



Step 5

Fix battens to the side of the joist and noggins. The battens must be fixed 18mm below the top of the joist to allow for the use of 18mm ply, which will form the flat base on which the dec will be installed. Floorboards and drain removed for illustration purposes.

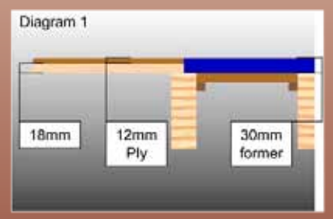


Step 6

Measure and cut out the 18mm plywood panels required. Fix them all into place except the most central panel (A) which should be positioned without fixing. Check panels are level with a spirit level.

Step 7

Temporarily place the former onto the plywood platform. For the floor drain, mark and cut out a hole in the plywood the same diameter as the aperture in the dec. Then fix the central plywood panel into position.



Please note

Diagram 1

If the floorboards are **18mm** thick, then the thickness of backer board or plywood needed to make the floor flush with the former will be **12mm.**

Step 8

See also diagrams below

Place the former onto the plywood platform and fix into place, ensuring the former is perfectly level. Drill and screw it to the plywood underneath using the screws provided (540mm); ensuring at least all of the outermost and innermost predefined screw positions are used.

Step 9

See also diagrams below

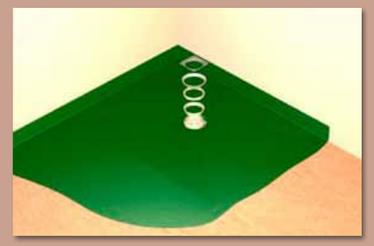
It is necessary that the rest of the floor is at the same height as the top of the former. Therefore it may be required to raise the rest of the floor. Do this by screwing sheets of appropriate thickness tile backer board, plywood or other suitable underlay to the floorboards.

Step 10

Drill and screw onto place the floor drain base component using the ¾ x 8 csk self-tapping crews provided. Then screw in the 1.5" waste fitting using the dust cap. Leave the dust cap in for now. Ensure all the remaining floor drain components are removed. See also drain instructions overleaf.

Step 11

The floor should now be completely level. Lay the waterproof membrane and any under floor heating elements at this point.For more detailed Information see manufacturers specific installation instructions.



Step 12

Insert the membrane clamp height adjustment ring, height extension ring (where necessary) and stainless steel frame. For more detailed information see manufacturers specific installation instructions. See also Drain Instructions overleaf.

Step 13

Now the surface is ready for tiling in the appropriate manner.
For more detailed info information see manufacturers specific Installation Instructions

Step 14

When the floor has been tiled and grouted, remove dust cover from trap and refit the dip tube and finally fit the grating.

The Installation is now complete.

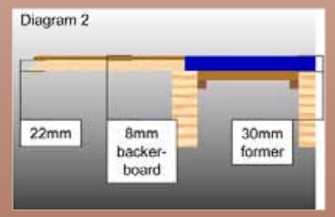


Diagram 2

If the floorboards are **22mm** thick, then use a suitable **8mm** tile backer-board.

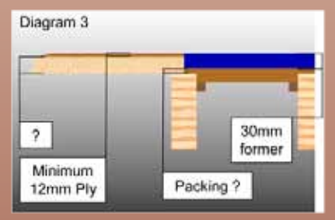


Diagram 3

If the floorboards are neither of the thicknesses in diagrams 1 and 2, the former will need to be raised so that the floor is flush with the top of the former. This can be achieved by inserting additional layers under the former.

Code of practice suggests that a minimum of 12mm ply must be used when covering the floorboards.

Floor former
Frequently Asked Questions
overleaf

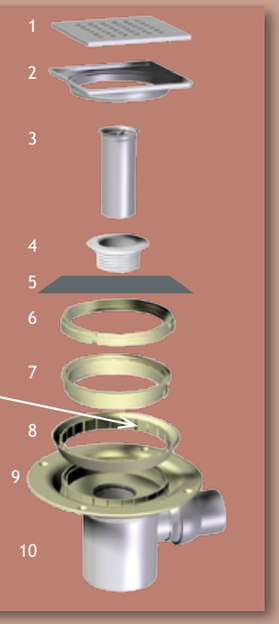
Biava wet floor system

Waste Installation Guide

KEY

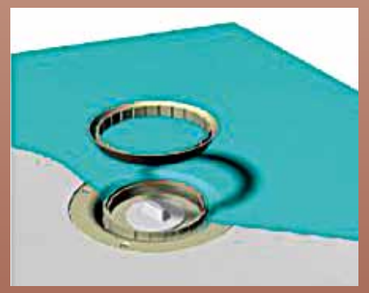
1. Stainless Steel Grate
2. Stainless Steel Frame
3. Dip Tube (push to locate)
4. 1½" Waste Fitting
5. Membrane
6. 10mm Height Extension Ring. 16-26mm. This must be fixed using solvent cement*
7. Height Adjusting Ring. 6-16mm. Rotate anti-clockwise to increase height. This must be fixed using solvent cement*
8. Membrane Clamp. Use Solvent Cement on inner face to achieve seal
9. Base *(Drill 50mm Hole with hole saw to connect trap and fix in place using screws provided)*
10. 50mm Water Seal Trap with horizontal outlet *(vertical outlet also available)*

*Care should be taken to avoid excess solvent coming into contact with the membrane



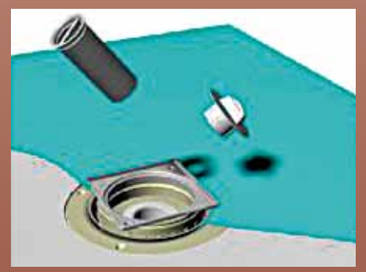
Step 1
Screw the waste fitting into the gully using the dust cover key (leave dust cover key in place after tightening to prevent ingress of debris).

Step 2
Lay the membrane over the trap. Using a sharp knife cut out an aperture using the inner most cylindrical face as a guide. Be careful not to cut the trap.



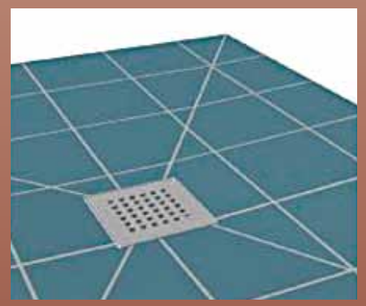
Step 3
Tuck the membrane down into the membrane recess, apply solvent cement to the inside face of the clamping ring, and press clamping ring down on top of membrane until cement has set.

Step 4
Using a tile as a reference, determine the desired height of the grating frame. (adjusting ring + frame =6-16mm; adjusting ring + frame + extension = 16-26mm) If the extension ring is needed apply solvent cement and fix to adjuster ring. Attach the frame by snapping into place. Apply solvent to oil outer edges of adjuster, position it in the base and rotate to height.



Step 5
Remove the dust cover and insert dip tube.

Step 6
Once the solvent cement has set, rotate stainless steel frame to desired position. The gully installation is now complete.



Step 7
Tile floor ensuring that tiles finish flush with the top of the frame, and finally fit grate.

Frequently asked questions about the floor former

What is a floor former?

A floor former is often mistaken for a shower tray but it is not, in fact it is a preformed floor base with a built in gradient. Its purpose is to offer a simple means of forming the gradient within the construction of either existing or new floors. On completion the floor former will be completely covered with tiles, with only the Stainless Steel Grate visible.

Does it have to be sunk into the floor?

The floor former has been designed to be recessed to a flush finish with the prepared floor. In circumstances where the floor cannot be breached the entire floor can be raised to accommodate the floor former.

How thick is it?

The floor former is 30mm thick.

Is it available in different sizes?

There are 4 different sizes
1200mm x 900mm,
1400mm x 933mm,
1600mm x 1067mm
1000mrn x 1000mm.

Does it need to be fitted level?

It is extremely important that the floor former is fitted level. This is easily checked by placing a spirit level on the perimeter of both sides of the former. Because the gradient is built into the floor former it will only function properly if it is level around its perimeter.

What size is the waste outlet of the gully?

The Gully has a 50mm solvent weld socket (BS5 55), supplied with a 50mm - 40mm reducer.

How is the floor drain fitted?

The gully flange fits into the rebate making the top of the gully flange a flush fit with the surface of the floor former.

Is the gully cleanable from the top?

Yes, the gully is accessible from above meaning it can be cleaned without removing the entire drain. This is achieved by the removal of the grating or covers, followed by the dip tube, allowing easy access to the sump of the trap for cleaning.

What about different thicknesses of tiles?

To compensate for different thicknesses of tile the gully has a height adjustable ring which can take a tile thickness of between 6mm-16mm. Also included is a 10 mm extension ring to increase the height up to 26mm if required.

What if there is a Joist in the way of the gully?

The former has been designed with the waste off centre so that if a joist is in the way of the gully the floor former can be rotated either 90 or 180 degrees, which in most cases will reposition the gully away from the joist. A Joist must never be notched or cut to allow Installation of the trap.

Can it be fitted in timber floors?

Yes, the floor former is designed to be installed into timber floors. Please refer to the full installation instructions.

Can it be fitted in screeded or concrete floors?

Yes, the floor former can be installed into screeded or concrete firs. Please refer to the separate installation instructions available on request. Special care should be taken in this instance to avoid any obstructions such as cables or pipe work installed under the floor.

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