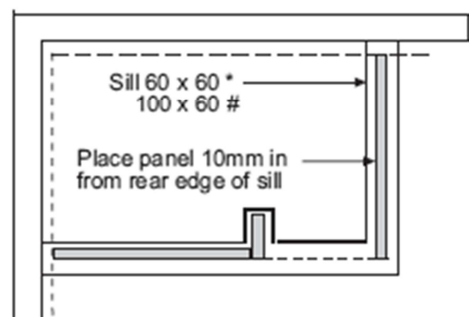


INSTALLATION INSTRUCTIONS FOR DEVON or SHAPE WALK IN SHOWER ENCLOSURES – 2 OR 3 GLASS PANELS. ALL TRAY SIZES

Installation instructions for all alcove showers using two, three or four glass panels systems, fitted to tiled showers with tiled walls. For shower units with four glass panels and a single tiled wall at the rear of the shower, refer to last page for panel set out order.

NOTE: for units with four panel glass systems fitted to single tiled back wall, use **ALCOVE SHOWER ENCLOSURE – ONE TILED WALL ONLY** instruction sheet.

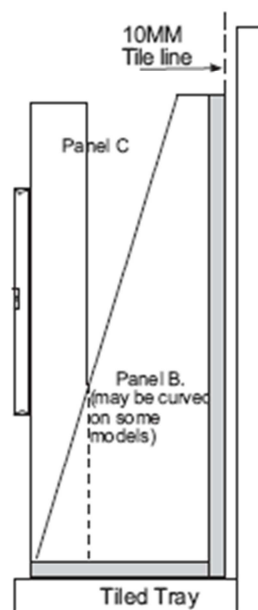
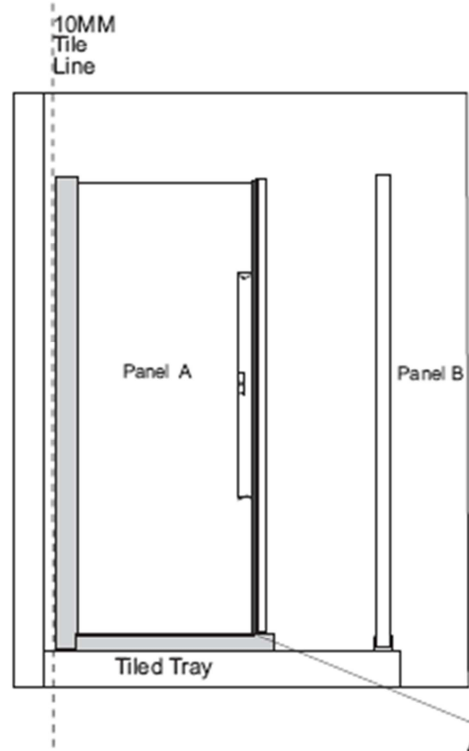


All Extrusion are precut to size.
Wall profiles are fitted first but note position of wall profiles is dependent on sill extrusion position.

#Denotes standard 'Shape sill size
*Denotes standard 'Devon' sill size

All surrounds are polished anodized aluminium

Custom sizes available

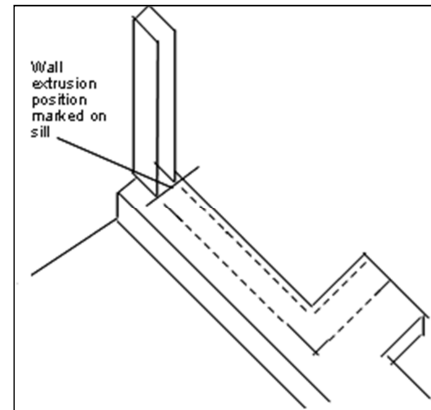


Adjust thickness of packers in channel under glass to raise or lower front edge to plumb edge of glass panels.

INSTALLATION

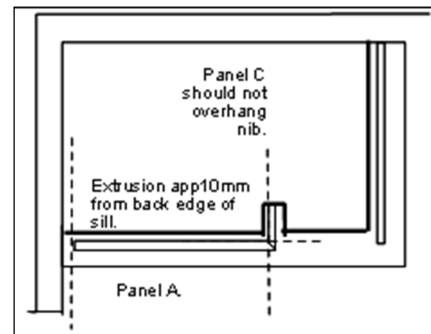
STEP 1

Place the wall extrusion against the tiles and mark a line across the outer edges of the profile 90° to the sill. Silicone the 90° plastic bracket into the extrusions that fit under panels (A) and (C) to hold the mitre together (see diagram 3). Temporarily position the extrusions 10mm from the back edge of the sill and up to the mark for the wall profile. Make sure the extrusion under panel (C) does not overhang the short tiled nib (sill). Mark the position on the sill.



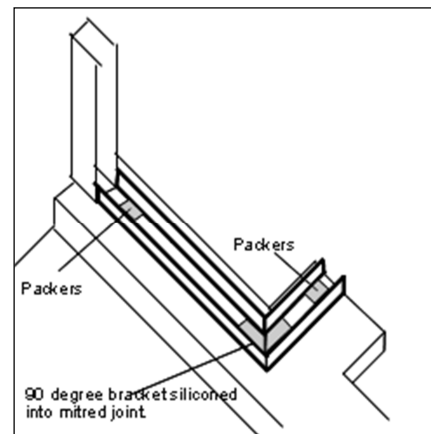
STEP 2

Plumb the wall to hold Panel (A) aligned to marks on sill. Drill through extrusion in 3 positions into tile/wall. Silicone the extrusion to wall and fix in place. Silicone screw threads before screwing home.



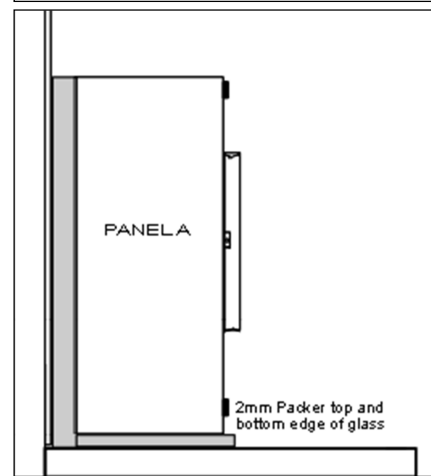
STEP 3

Silicone the underside of the extrusion for (A) and (C). Seal any butt or mitre joints before placing in position on the sill. Tape in place with masking tape along the side edges to prevent movement. Do not tape over the top of the open channel. Insert 5mm packers approx 50mm from each end of the extrusions. Dry fit the larger glass panel aligned to the inside edge of the short extrusion. NOTE: the smaller glass panel (C) overlaps onto the larger panel (A) (see diagram 5).



STEP 4

Plumb edge of Panel (A). Use packers under glass to achieve plumb. Align glass to inside face of short extrusion. When plumb remove panel and fill internal corner with silicone. Refit panel and silicone inside joint between wall profile, sill extrusion and glass. Tape a 2mm packer to the top and bottom edge of the large panel to avert edge contact/chipping when fitting small panel.



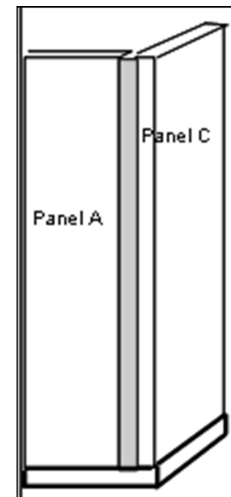
STEP 5

Place panel (C) in position and check for a neat alignment with the edge of panel (A). Adjust for alignment by adding or removing packers under the panel. When the panels are in good alignment remove panel (C) and the two packers on the edge of panel (A).

Silicone the mitre joint of the sill extrusions and apply a continuous bead of silicone to the edge width and full height of panel (A).

Refit panel (C) leaving a 2mm bead of silicone between the panels. Silicone the inside face between the glass and the base extrusion.

Clean off excess silicone with the scraper provided taking care not to move the panels. Apply tape around the external corner to hold in position until the silicone has set.



INSTRUCTION FOR SHOWERS WITH 2 GLASS PANELS ENDS. FOR 3 PANEL UNITS CONTINUE WITH STEP 6.

STEP 6

Plumb the wall extrusion that will hold the curved (or trapezoid) glass panel B, 10mm in from the inside edge of the sill. Fix the wall profile to the wall using the same procedure as used when fitting panel A (steps 1 & 2 above).

Silicone the underside of the extrusion that will hold panel B on the sill and the butt joint between the wall extrusion and the sill extrusion. Tape the extrusion in position on the sill. Fill the internal corner where the extrusions meet with silicone.

Place 5mm packers at each end of the channel under glass B and fit the glass panel. Adjust the packers if required to ensure glass is inside wall channel.

Silicone the inside joint between the glass and the aluminium extrusions.

Clean off excess silicone immediately.

INSTALLATION INSTRUCTIONS FOR STANDARD SIZE PROFINISH WEDGE BASE AND CHANNEL GRATE

GENERAL The Newline ProFinish WEDGE Tile Tray and Newline Channel Grate Kit are two of the components of an integrated tile shower base system. Other materials that will effect the installation of the ProFinish WEDGE to the correct height are the thickness of the waterproofing, depth of tile adhesive and the thickness of the tile itself.

NOTE These instructions are based on a minimum tile thickness of 8mm. Set out commences in the following order after the walls have been lined and floors have been prepared.

SUMMARY OF INSTALLATION PROCESS

STEP 1

IMPORTANT Notes on floor preparation.

Make sure the floor is clean, free of dust and is an even flat surface. Check using a spirit level and, if necessary, use a suitable levelling compound to correct any unevenness or hollows in the floor. When fitting tiles to timber floors, we recommend the use of Hardies Slate Tile Underlay. Wooden floors that have been oiled are not suitable as a gluing surface and should be covered with slate tile underlay.

STEP 2

Temporarily place the standard size ProFinish WEDGE tray in position. Place the 125mm x 5.00mm x 1000mm packing in position and mark the correct length on it to fit along the thin end of the WEDGE tray, inside the hob. Remove the WEDGE tray and packing then trim the packing to the length marked.

STEP 3

Discuss with the plumber the position the channel grate will occupy on your floor area and select a suitable position for the waste outlet to be installed in the floor. The outlet will be positioned within the area covered by the 125mm x 5.00mm packing.

Once the position of the outlet has been determined within the area covered by the packing, the waterproof flange can be installed within the area marked out for the channel grate, be sealed and secured to the floor and connected to the waste pipe outlet. No waterproofing will have been done at this point.

STEP 4

The ProFinish WEDGE tray and 5x125mm packing are glued in place and waterproofing is applied down walls, over the WEDGE into the channel and the waterproof flange. Some waterproofing systems may require the application of a primer onto the waterproof flange that is fitted into the floor. In some cases a primer must also be used prior to the application of waterproofing on to the ProFinish WEDGE. Refer to waterproofing manufacturers instructions before applying.

STEP 5

The ProFinish WEDGE is now ready for tiling. Tiling should finish a minimum of 2mm above the finished height of the grate.

When tiling walls, enough room needs to be left to allow for removal of the PVC channel and the stainless steel grating. Do not install tiles to overhang the grate at wall ends.

STEP 6

The PVC channel is assembled and installed in to the recess area created by the 125x5mm packing after waterproofing and tiling has been completed. The stainless steel grate is cut and fitted allowing enough clearance from adjoining wall and floor tiles for possible future removal.

The above is a general description of the order of installation only. Detailed instructions follow.

DETAILED INSTALLATION INSTRUCTIONS

FLOOR PREPARATION

Make sure the floor is clean, free of dust and is an even flat surface. Check using a spirit level and if necessary use a suitable levelling compound to correct any unevenness or hollows in the floor.

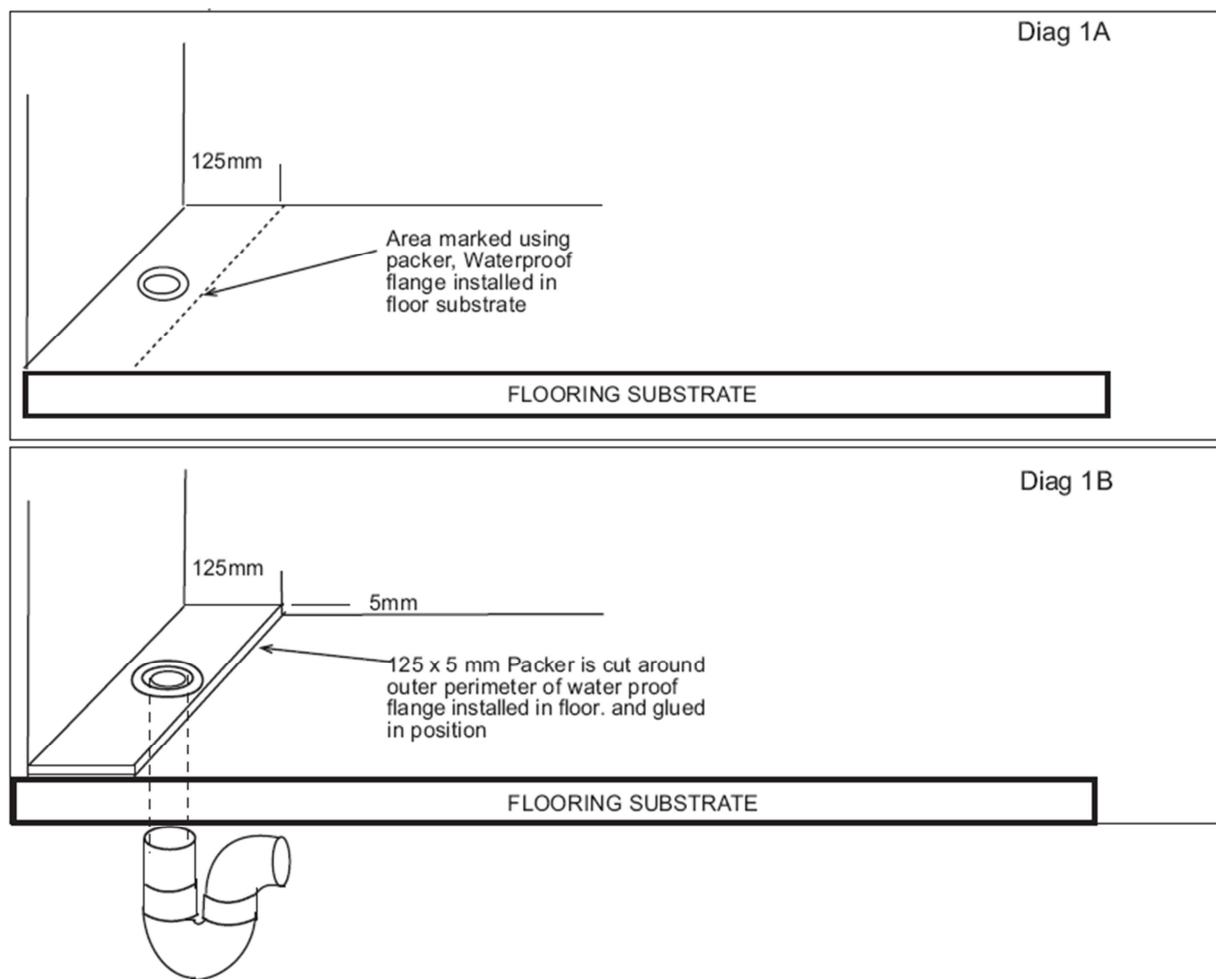
When fitting tiles to timber floors we recommend the use of Hardies Slate Tile Underlay. Wooden floors that have been oiled are not suitable as a gluing surface and should be covered with slate tile underlay.

Push the tray temporarily in position and mark on the 5mmx125mm packer the correct length to fit along the thin end of the wedge tray (butting up against the sill for 2 sided trays). Remove the tray and packer. Trim the packer to the correct length as marked.

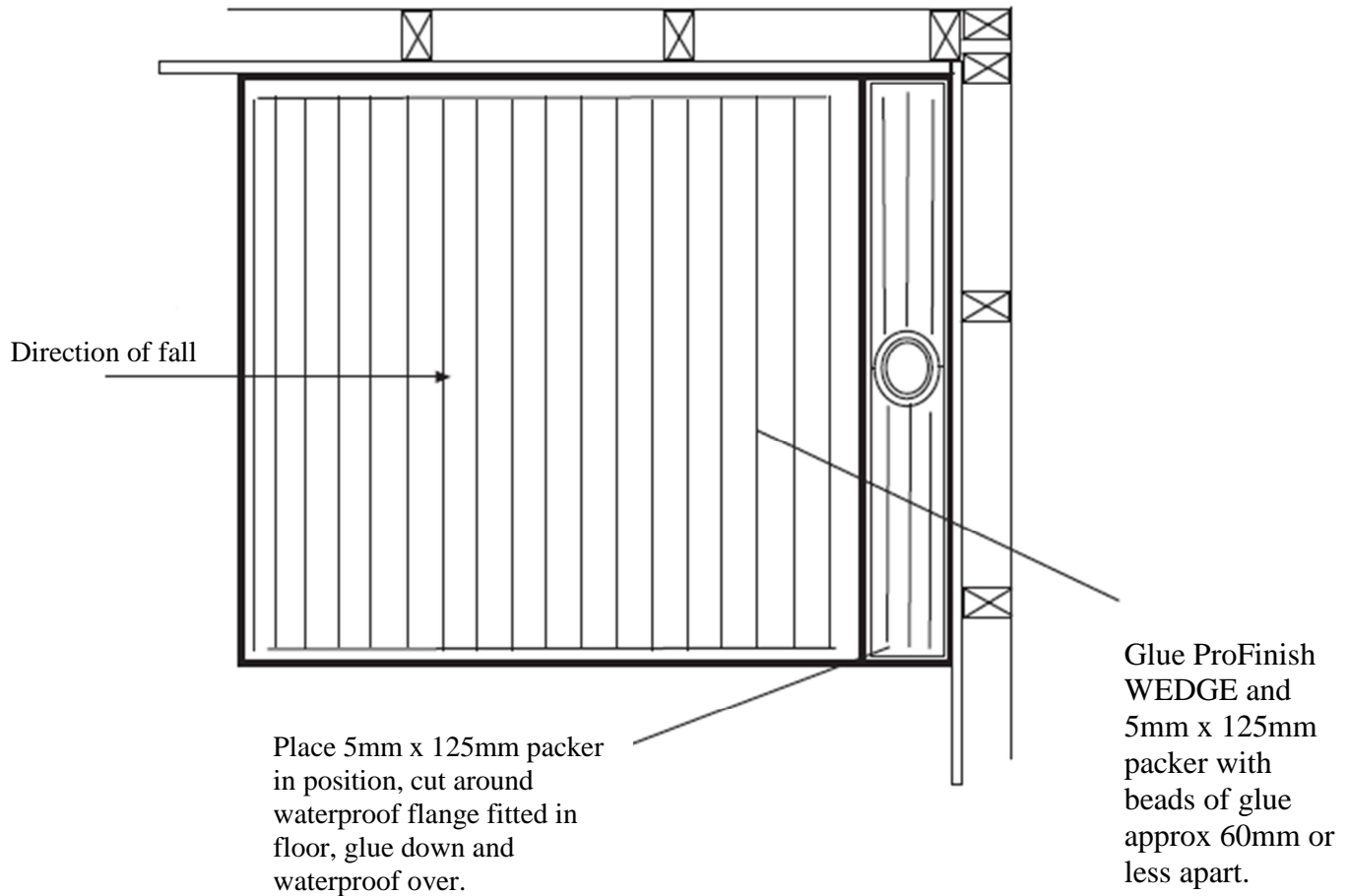
Place the 5mmx125mm packer temporarily in position where you wish to install the channel grate.

Draw around the perimeter of the packer placed on the floor, remove the packer and retain for future use. Install the waterproof flange in the floor within the marked area and connect the waterproof flange to the waste outlet, refer Diag 1A/1B.

Cut the 125mm packer to fit around the outside perimeter of the waterproof flange installed in the floor and glue it to the floor within the marked area, refer Diag 1B.



The ProFinish WEDGE provides slope to the channel grate. A waterproof membrane is applied over the ProFinish WEDGE. The ProFinish WEDGE is not a flooring substrate and must be fully supported by a suitable flooring substrate such as concrete, timber, particle board, plywood or fibre cement sheeting. The ProFinish WEDGE is installed after wall cladding is fixed but before the tiles are laid.



The 5mm x 125mm packing has now been glued in position after trimming it to the correct length and cutting a hole around the waterproof flange which has been installed and sealed into the flooring.

Next glue the ProFinish WEDGE tray to the floor adjacent to the 125mm wide packing, butt jointing against the packer. Use the grid pattern as shown in the diagram above. Do not just drop the ProFinish WEDGE on to spots of glue, apply continuous lines in 6mm raised beads, 60mm apart.

Weigh the ProFinish WEDGE tray down to ensure the glue is compressed under the ProFinish WEDGE tray and it has no movement. Ensure the glue is compressed over the whole surface of the ProFinish WEDGE tray so that it is in solid contact with the flooring.

Once the ProFinish WEDGE tray has been glued in place the waterproofing can be applied according to the manufacturer's instructions. Note some waterproofing applications require a primer to be used on PVC fittings and waterproof flanges. Some waterproofing brands also require the application of a primer to the ProFinish WEDGE tray before waterproofing is applied.

WATERPROOFING INSTRUCTIONS

Waterproof Membranes

Once the base is secured to the floor, it is ready for the application of your choice of waterproof membrane. Listed below are waterproofing manufacturers who have approved their product for application to the ProFinish tray and their warranty's. **Please ensure your waterproofer or tiler uses one of these products. Refer Table 1.** Many of the products listed are available for D.I.Y applications, we recommend that you contact one of the certified contractors listed, to apply the waterproofing. (Most manufacturer's warranties are voided if an approved person is not used to apply them).

Application of waterproofing

Apply the waterproof membrane according to the manufacturer's instructions. Ensure waterproofing is applied down into the waterproof flange and the 125mm formed channel in which the PVC channel and grate will be fitted later. Some waterproofing membranes may require a primer to be applied to the waterproof flange. Floor areas outside the shower should also have a waterproofing membrane applied, prior to tiling.

NOTE: Some waterproofing brands require a primer to be applied to the ProFinish WEDGE prior to the application of their waterproofing products.

COMPANY	PRODUCT	CONTACT	WARRANTY
Ardex	SUPERFLEX WPM 001 SUPERFLEX WPM 002	03 373 6900	15 Years
ASA/Bostik	DAMPFIX 2, 3 DAMPFIX PU	09 270 3168	15 Years
Construction Chemicals (NZ) Ltd	HYRDATHANE LIQUID FLASH 2-PACK	09 273 5444	15 Years
Equus Industries Ltd	CHEVALINE DEXX	03 578 0214	15 Years
Jaydex International Ltd	ELASTIK	0800 529 339 OR 09 444 1751	15 Years
Kerakoll	IDROBUILD	09 525 0600	15 Years
Laticrete	LATICRETE 9235	0800 480 018	15 Years
Mapei	MAPEGUM WPS MAPELASTIC	09 921 1994	20 Years
Marshall Waterproofing NZ/Aust Ltd	PROTECTO WRAP AFM/WM	0800 776 9727	15 Years
Protective Surfaces	STRATAFLEX	09 441 6292	15 Years
Flexco (NZ) Ltd	FLEXI-SEAL & MIRACRYL 2 PART	0800 426 844 OR 09268 6970	15 Years
HB Fuller	WPM 101	09 275 6062	15 Years
Wet-Seal	Must be applied by licensed trained applicators	0800 436 000	15 Years
Custom Building Products	RED GUARD	096340712	15 Years

PVC CHANNEL AND STAINLESS STEEL GRATE INSTRUCTIONS

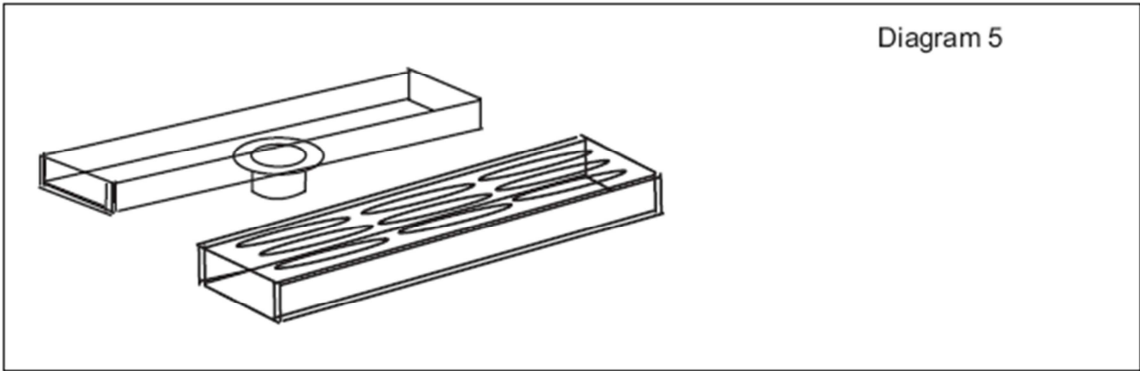
Once waterproofing is completed and walls have been tiled, the channel and grate needs to be cut to length and have the end caps glued in and the Spigot glued in the correct position to enable it to locate into the waterproof flange.

Measure the length of the channel into which the 100mm wide trough will be fitted and deduct 5mm. Cut the PVC channel and glue the end stops in place. Mark the location for the spigot, drill a 51mm (2" hole) and glue the spigot to the underside of the PVC channel.

Locate the spigot into the waterproofed leak control flange fitted in the floor and align parallel with the front edge of the ProFinish WEDGE. Pick up a wall tile and floor tile and place them against the wall and floor in position against the side of the channel. This will help place the channel in its final position and you can check that you will be able to remove the grate for cleaning once tiling is completed. Glue the PVC channel in place with silicone. Fill the space on each side of the PVC channel with silicone or grout, before laying the last row of floor tiles that will butt up to the side of the PVC channel.

Cut the stainless steel grate to length using a carbon metal cutting blade or a 32 tooth hacksaw blade.

When tiling, sufficient clearance should be allowed for possible removal of the stainless steel grate if needed. Tiles should finish 2mm above the grate. When tiling is completed, silicone should be applied to the join between the PVC channel and the tiles on all sides.



Channel Grate Parts List – dimensions 23mm x 100mm

100mm x 1200mm	Grate.	
1200mm	PVC channel.	
E100	Stop ends (2)	
80mm	Spigot dropper.	
F100	Waterproof flange.	
100mm	Pipe riser.	
100mm x50mm	Floor waste gully trap	

TOOLS REQUIRED.

32 tooth Hacksaw.
 Drill and 51mm (2") hole saw.
 Clear PVC solvent cement.