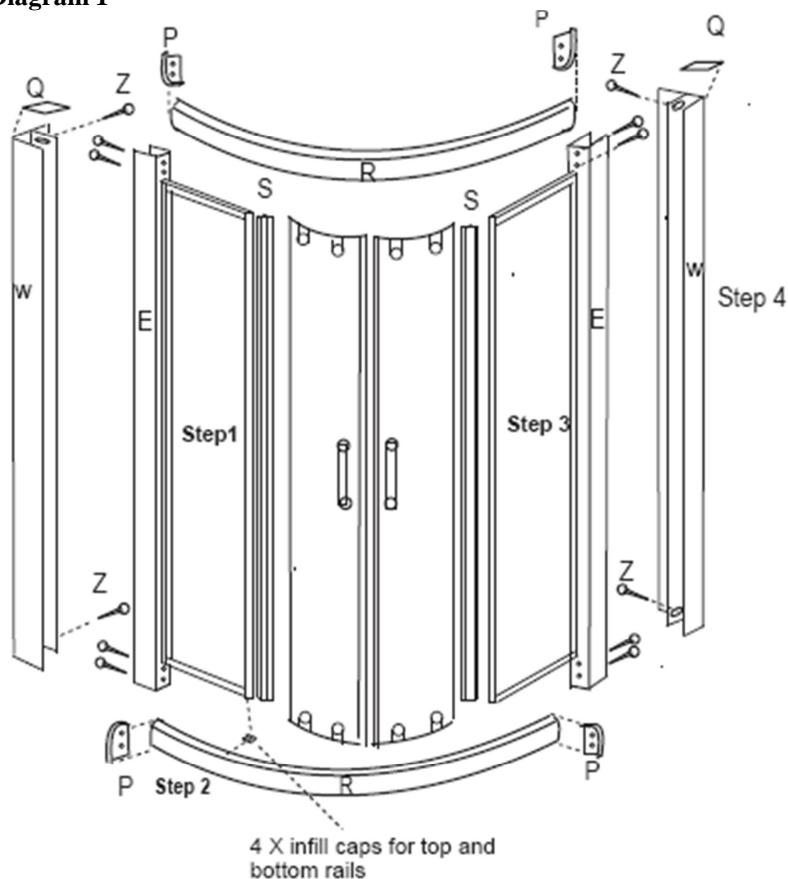


INSTALLATION INSTRUCTIONS FOR NILE & ASTRA SHOWER DOOR ROUND DOOR UNITS

GENERAL These doors can be fitted to acrylic and tile trays. Flat glass panels are inserted into part (E) an equal distance from each end. Glass panel and extrusions (E) are connected to plastic end cap (P) and rails (R) and screwed together. Wall profile (W) is pushed onto the outside of the frame. The frame and two glass panels are then positioned on the tray. Wall profiles are plumbed, silicone behind and fixed to the side walls. The front bottom rail is positioned parallel with the tray and the frame is then pinned in place at top and bottom of extrusions (W) and into (E). The doors and handles are assembled and hung and the unit is silicone sealed in one continuous bead, around the outside of the shower unit.

Diagram 1



This shower required placement of the aluminium extrusions onto glass panels on site. A rubber mallet or glazing hammer will be required.

PARTS LIST

E Vertical side rails	x2
W Wall profile	x2
R Curved rails	x2
Rectangular glass side panels	x2
Curved glass door panels	x2
Wide seals	x2
Narrow seals	x2
Accessory Pack	x1

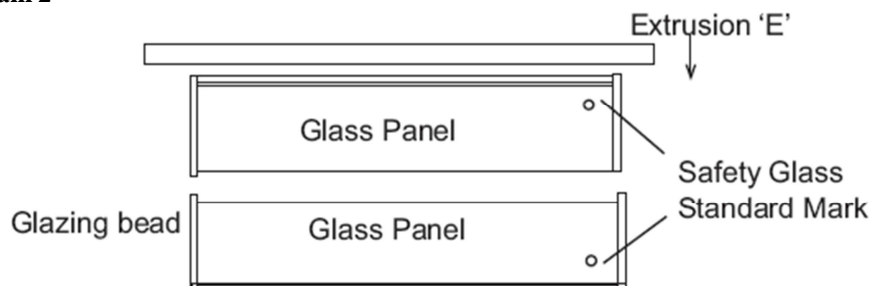
Accessory Pack Includes:

Top wheel assemblies	x4
Bottom wheel assemblies	x4
30mm screws	x6
Rawl plugs	x6
20mm screws	x8
Z 12mm screws	x4
P Plastic caps	x4
Q Wall profile end caps	x2
Chrome handles	x2
Infill	x4

SHOWER DOOR FITTING INSTRUCTIONS

STEP 1 Place the two flat glass panels with glazing bead surrounds on a suitable flat surface (not concrete) with the safety glass standard markings to the underside of the glass and at the same end. Place the exposed edges of the glass adjacent to each other (Diag 2). Fit extrusions (E) onto the glazing bead on the long sides of the two flat glass panels. Fit so that it overhangs the glass an equal distance at both ends.

Diagram 2



STEP 2 Locate the bottom rail (both rails are the same but on some models may have a neoprene seal fitted under the bottom edge). Attach plastic cap (P) to end of curved rail (R) and fit infill cap to open end of bottom channel. Lift flat glass panels and extrusion (E) vertically and place glass in slot cut in curved rail (R). Fit with screws through predrilled holes in (E) and the plastic jointer cap (P) and into rail (R). Use 8 x 20mm countersunk screws.

STEP 3 Fit the second flat panel in a similar fashion on the other end of the curved bottom rail. Install the top rail (R) the same way, the two fixed panels, top and bottom rail are now assembled.

STEP 4 Push fit the two wall profiles (W) onto the extrusion (E) mounted on the glass. Screw holes for fixing (W) to the wall should be on the inside of the unit. The wall profiles will be a tight fit and may need to be tapped on gently with the rubber mallet.

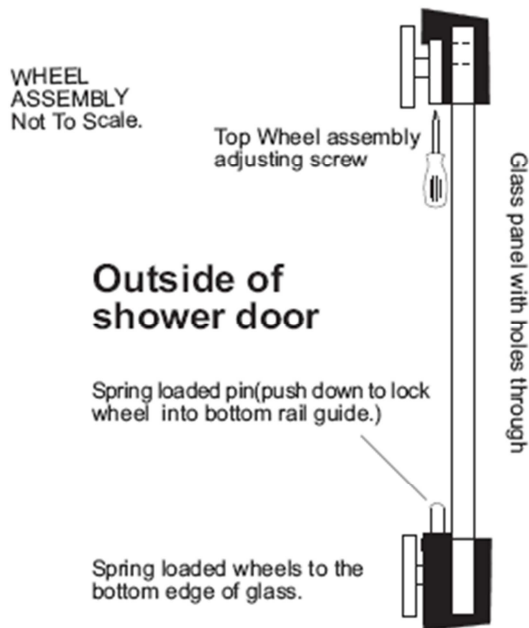
STEP 5 Place the door frame and glass assembly on the shower tray and position the rail parallel with tray. Plumb and mark the hole positions for the wall profiles on side walls, silicone behind the profile and fix to the wall. Drill and insert the rawl plugs provided if solid fixing is not available.

ASSEMBLY AND FITTING OF THE CURVED DOOR GLASS

STEP 6 Fit the spring loaded wheel assemblies on the bottom edge of the door glass (refer Diag 3) and the plain wheel assemblies to the top with Philips head adjusting screw facing downwards.

NOTE: Some doors with only one curved glass panel may have only single wheels with cam adjusted rollers, not quick release spring loaded bottom rollers.

Diagram 3



Top and bottom wheel assemblies are different.

Fit plain wheel assemblies at the top on the outside curve of the glass.

Locate spring loaded wheels in bottom of glass.

Hang doors between the bumpstops on the top rail and let the bottom wheels rest against the bottom rail.

DO NOT over tighten top roller adjusting screw. This may result in chaffing on the inside of the rails resulting in wheels juddering and not travelling smoothly.

STEP 7 Hang the door panels on the top rail between the preset bumpstops. Do NOT fit bottom wheels under bottom rack. Let the door hang on top roller only. Adjust screws on top rollers to make sure both bottom wheels rest gently against the bottom track. Press down on the spring loaded bottom rollers and locate in position under the bottom rail track. Use the top adjusting screw to align the doors to meet in the centre evenly. If the wheels do not locate into the bottom track the door glass will need to be lowered until the door panels locate and release easily.

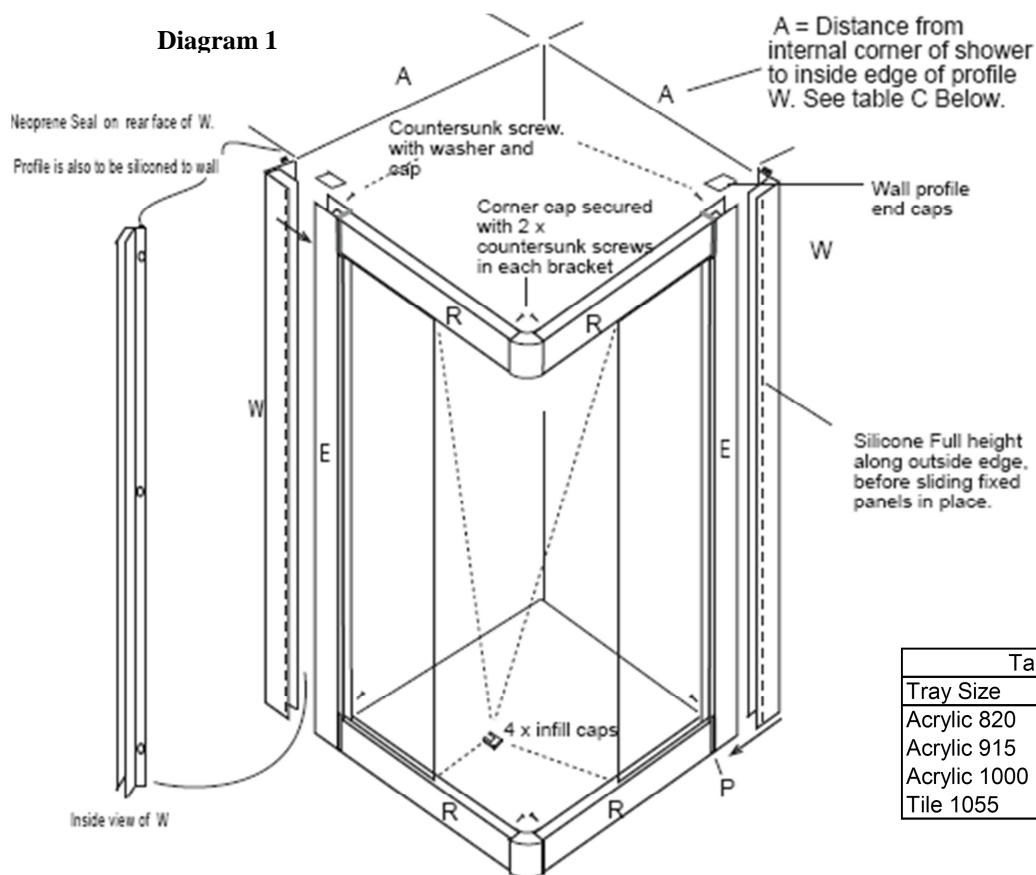
DO NOT OVERTIGHTEN THE TOP WHEEL ASSEMBLIES AS THIS MAY CAUSE CHAFFING ON THE INSIDE OF THE ALUMINIUM RAILS, RESULTING IN THE DOORS NOT TRAVELLING SMOOTHLY AND JUDDERING. ROLLERS SHOULD BE LUBRICATED PERIODICALLY WITH SILICONE SPRAY TO ENSURE GOOD RUNNING ORDER IS MAINTAINED.

STEP 8 Check the bottom rail is parallel with the front of the tray. Secure wall profile (W) to extrusion (E) by drilling through (W) and (E) at top and bottom on both sides and secure with a 12mm pan head screw. See position marked (Z) on Diag 1.

STEP 9 Silicone the outside perimeter of the unit from the top of the wall profile around the bottom outside edge of the rail and up the top of the wall profile on the opposite side, in one continuous bead. Silicone the outside only.

INSTALLATION INSTRUCTIONS FOR NILE & ASTRA SHOWER DOOR CORNER ENTRY UNIT

GENERAL These doors can be fitted to acrylic and tile trays. Vertical sections (E) are screwed to bottom rail (R). Glass is inserted into the channel in the profiles and the top rails are tapped in place with a rubber mallet and fixed with screws through the predrilled holes in (E) into the rails. Wall profiles are plumbed, fixed to the wall and siliconed behind. See Table C for position. The assembled side panels are pushed into position on the wall profiles and the front corner brackets at top and bottom are fitted to join the rails at the front corner. The frame is positioned parallel with the tray front and pinned by drilling through (W) into (E) at top and bottom on both sides. Doors are assembled with same adjustable wheels and handles and hung in position. The unit is siliconed to the wall liner and tray in one continuous bead around the outside only.



Tray Size	Dist A in mm
Acrylic 820	= 770
Acrylic 915	= 865
Acrylic 1000	= 950
Tile 1055	= 950

PARTS LIST

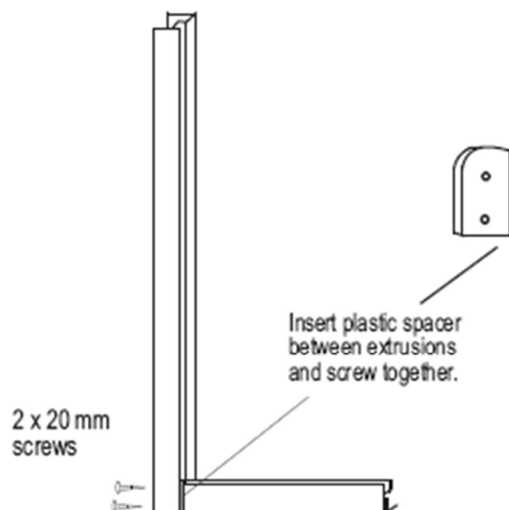
Rectangular side panels	x2
Door panels with holes for rollers	x2
R Rails	x4
E Vertical extrusions	x2
W Wall profiles	x2
Frame for wall profile	x4
P Spacers	x4
Tube of silicone (tile only)	x1
Accessory Pack	x1

Accessory Pack includes:

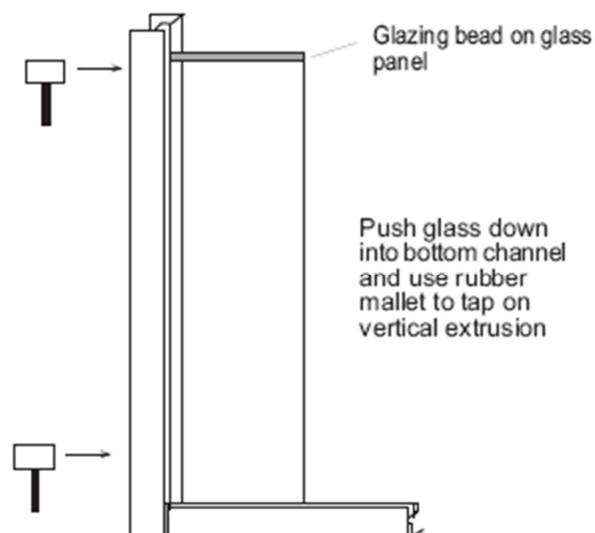
10mm screws	x4
20mm screws	x8
30mm screws	x6
10mm CSK screws	x4
Corner brackets	x2
Rawl plugs	x6
Washers & plastic caps	x10
Wheels (cam adjustable)	x8
Infill caps	x4
Wall profile end caps	x2

INSTALLING THE FIXED PANEL

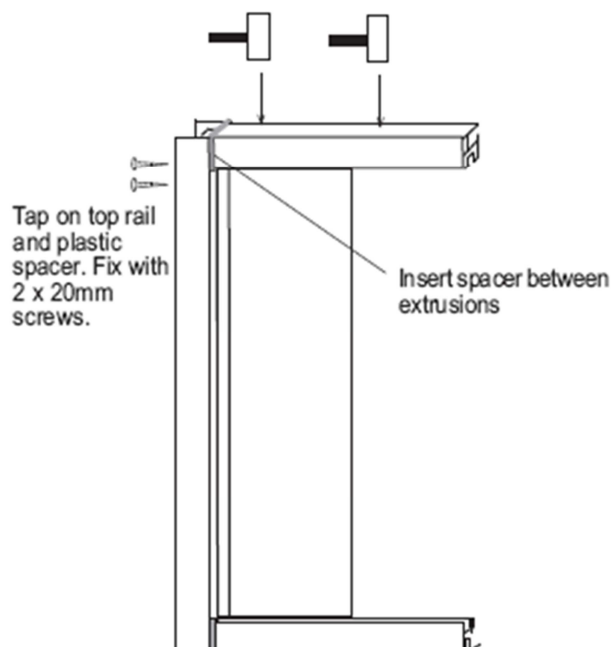
STEP 1



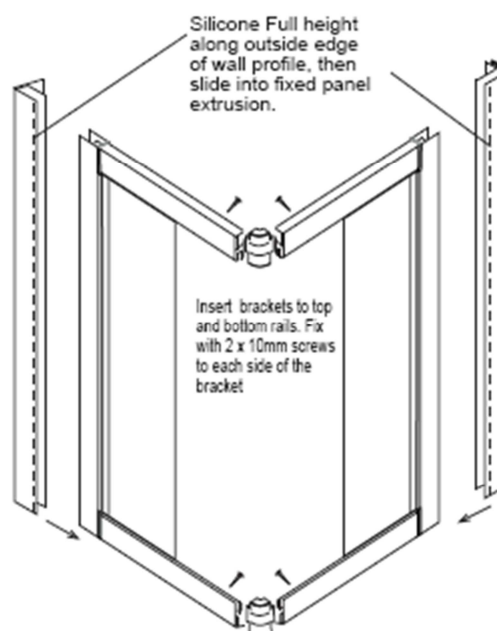
STEP 2



STEP 3



STEP 4



STEP 5

Measure Distance A on Diag 1 from internal corner of shower unit. Mark position at base of wall liner. Position frame on tray plumb wall profiles (W) on side walls. Drill hole positions, silicone behind wall profiles (W) and screw home. Fit wheel assemblies and door handles to door panels. Hang doors on top rails. Adjust cam on top rollers to lift the glass panel as high as possible and align doors so that they run smoothly and meet squarely at the magnet. Loosen off bottom roller, insert under bottom rail guide and adjust cam to rotate the wheel upwards, so that they just contact underside of rail guide and slide smoothly. **Rollers should be lubricated with a silicone spray lubricant periodically to ensure good running order**

Silicone the outside perimeter of the frame to the walls and shower tray in one continuous bead. Start at the top of the wall profile on one side, silicone down to the tray across the bottom of the door frame and up the wall on the opposite side. Silicone the outside only.

INSTALLATION INSTRUCTIONS FOR PROFINISH TILE TRAY

The ProFinish Tile Shower Tray provides slope to the waste for application of a waterproofing membrane. It is not a flooring substrate and must be fully supported by a suitable substrate such as concrete, timber, particle board, plywood or fibre cement sheeting. The ProFinish Tile Tray is installed after wall cladding is fixed but before tiles are laid. A **waterproof membrane must be applied** to the ProFinish Tray. (We recommend it is also applied to all bathroom surfaces where tiles are laid, floor and wall.)

IMPORTANT!!

**THE PROFINISH TILE TRAY MUST NOT BE REBATED
INTO THE WALL CLADDING
i.e WET GIB, VILLA BOARD.**

**ALL TILED WALLS AND FLOOR TO BE LAID AFTER BASE IS
INSTALLED AND WATERPROOFING COMPLETED.**

!!! EXTREMELY IMPORTANT !!!

*****TILE WASTE FLANGE MUST BE
INSTALLED INTO FLOOR BEFORE GLUING
TRAY DOWN *****

FLOOR PREPARATION

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

NB Damage can occur to areas outside the shower where water penetrates tile grout. When fitting tiles to timber floors we recommend the use of Hardies slate/tile underlay and application of a waterproof membrane.

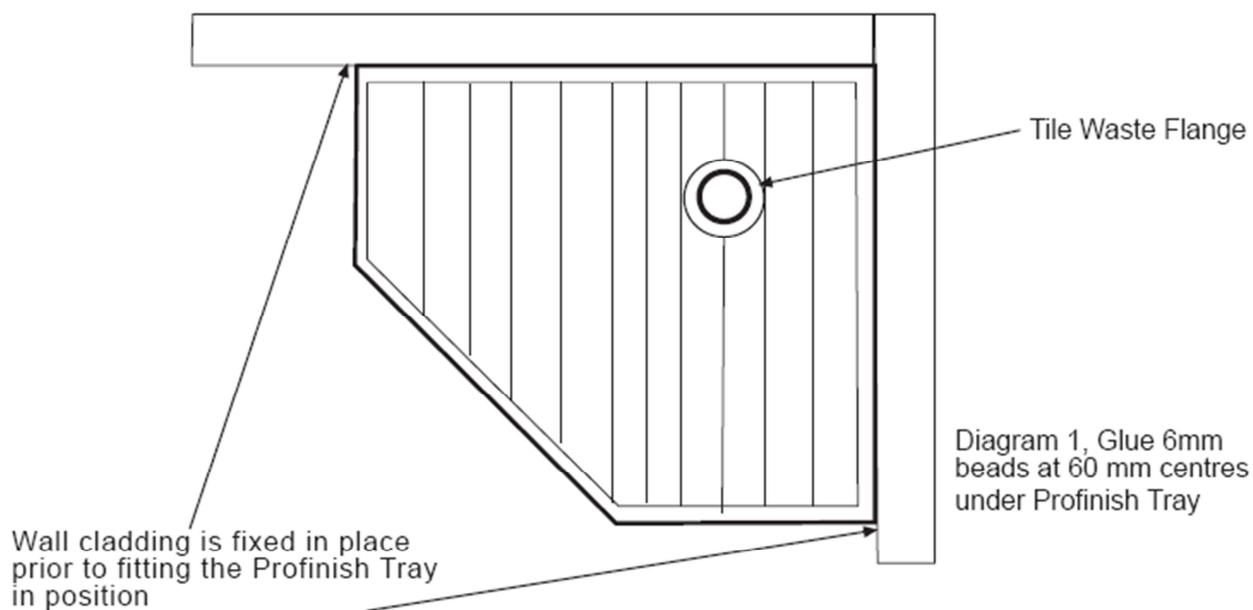
FITTING THE TILE TRAY

Place the ProFinish Tile Tray in position and mark the external perimeter of the base and the position of the waste flange with a pencil. Remove the base and fit the waste outlet in the floor.

NB We recommend the use of Allproof LC4 leak control waste flanges.

Once the waste has been installed, place the ProFinish Tile Tray back into position. Use a sharp knife to cut around the outside of the waste flange until the base fits neatly around the waste flange outer perimeter.

Lift the tray and apply the Maxbond adhesive supplied within the marked tray perimeter in 6mm beads of glue, in lines 60mm apart, commencing 25mm in from the outer edges (Diagram 1). Fit back into place and press firmly over the entire surface. To ensure better adherence it is suggested that the base be weighted to the floor for at least 1 hour.



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 leak control flange and up the inside vertical face of the foam sill (hob), across the top edge and down to the floor line on the outside of the ProFinish Tray. Where frameless doors are to be fitted, it is recommended that 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 Tray 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