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**NEWLINE**  
*for a lifetime!*

## INSTALL: Tile Tray Base, Plumbing, Water Stops & Waterproofing

**WAIT**

### Prior Building & Plumbing Preparation:

Compliance to ProFinish Pre-Install information & NZ Building Code is essential.  
[newline.nz/Search/ProFinish Pre-install Information](http://newline.nz/Search/ProFinish%20Pre-install%20Information)

## WARRANTY

- Faulty goods are covered under warranty. Visit [newline.nz](http://newline.nz) for details.
- These instructions & Pre-Install information must be followed for warranty to be valid.

## HEALTH AND SAFETY



- Electric wires, gas or water pipes within the wall or floor framing must be marked to protect against life threatening injuries.
- Check MSD Sheets and ventilate any rooms if using any product with harmful vapours.
- Wear protective equipment and suitable clothing for the task undertaken.

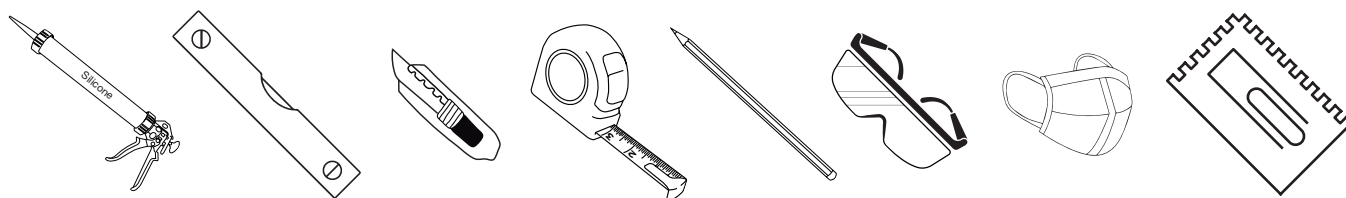
## Component Package List

ProFinish Jigsaw Tray components as ordered.

# Important!

1. When you receive your ProFinish Jigsaw Tile Bases, check that the design and size is correct and is free of freight damage.
2. Advise Newline 0508 639 5463 of any fault within 12 hours of receiving goods.
3. Any installation of incorrect or damaged product will invalidate later claims.

## Tools Required



## Jigsaw System General Overview

1. Shower walls are lined with “Wet Area” compliant wallboard down to the floor with the ProFinish Jigsaw Tray Base installed against this.
2. This Jigsaw system allows you to create a Shower base selecting two central components that align to the waste. With matched sloping extensions (SLOPEEXT) you can further customise the tile tray base as required. The consistent slope to the waste complies to the Building Code.
3. From the waste position measure to walls and outer shower line to establish components required. Detailed Plans will also help to establish items required

### PAGE

Guideline on selection and assembly of components	2 to 5
Waste install and alignment of tray details	6 to 9

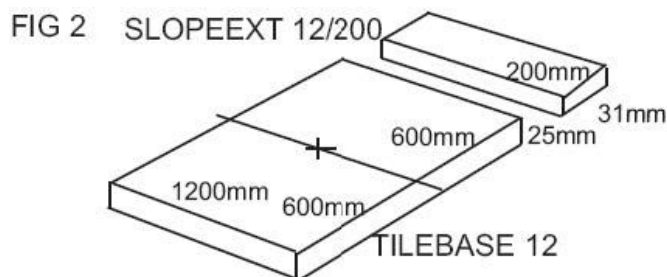
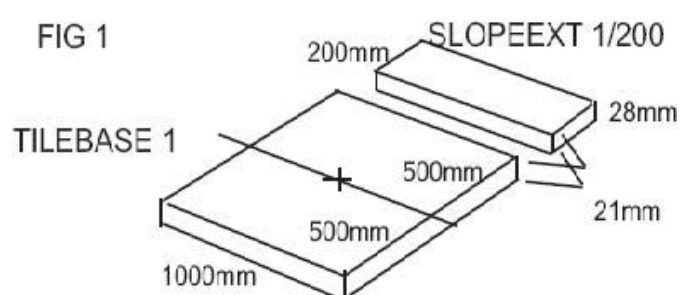
## Guidelines

Basic fitting procedure is to temporarily place the two halves of the TILEBASE in position centred over the waste outlet. If the distance between the centre of the waste and the side wall is greater than the chosen central TILEBASE then the corresponding SLOPEEXT is cut to fill the gap. In situations where the distance from the centre of the waste to a side wall is less than the width of the central TILEBASE component the TILEBASE component is trimmed down with a Stanley knife and straight edge to fit. Pieces are then glued in place. Once experience has been gained in using the system the pieces can usually be glued in place immediately without temporary placement.

When deciding which components you require it is often preferable to choose the “next largest size” TILEBASE as an alternative to using the SLOPEEXT components as this reduces the number of joints required. This does however depend on the shower base size required and is not always possible.

E.g. Tray size required 968mm x 1480mm with central waste.

Figure 1 shows TILEBASE 1 and SLOPEEXT 1/200 would be wide enough however they are not long enough. You would have the choice of using TILEBASE 12 and SLOPEEXT 12/200 or TILEBASE 15. In both cases the components would need to be trimmed down to fit.



TILEBASE 1 = 2 pieces 500 x 1000mm

TILEBASE 12 = 2 pieces 600 x 1200mm

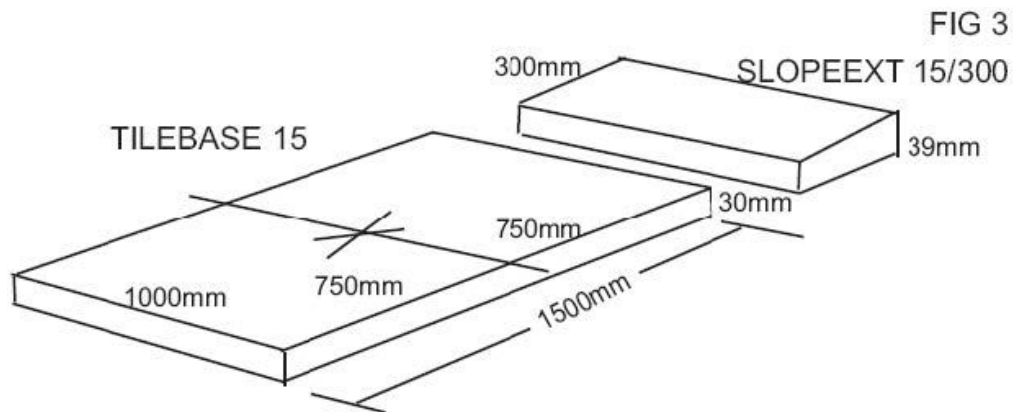
## General Continued

SLOPEEXT 1/200 = 1 piece 200 x 1000mm

SLOPEEXT 1/200 can be added to all sides of TILEBASE 1 to produce tray 1400 x 1400mm maximum. Note that 5x SLOPEEXT 1/200 will be required to achieve this. For smaller size trays trim with a sharp knife or fine bladed saw. For 1st or 2nd story applications or any trays that are installed above the substrate add TILEBASEHOB60.

SLOPEEXT 12/200 = 1 piece 200 x 1200mm

SLOPEEXT 12/200 can be added to all sides of TILEBASE12 to produce tray 1600 x 1600 max. For smaller size trim with a sharp knife or fine bladed saw. For trays sitting on top of flooring add TILEBASEHOB60.



TILEBASE 15 = 2 pieces 750 x 1000mm

SLOPEEXT 15/300 = 2 pieces 300 x 1000mm

SLOPEEXT 15/300 can be added to all sides of TILEBASE 15 to produce a tray 2100 x 1600 max.

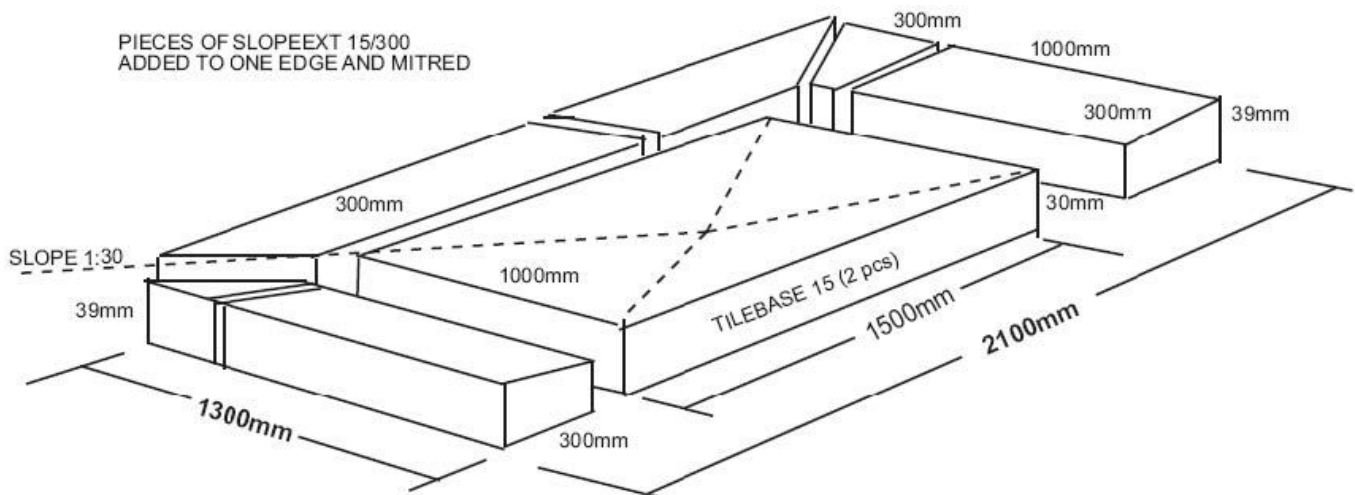
For smaller size trim with a sharp knife or fine blade saw. For trays sitting on top of flooring add TILEBASEHOB60.

SLOPE EXTENSIONS CAN BE ADDED ON ALL SIDES TO INCREASE WIDTH OF BASE.

If you require a tray larger than 2100x1600 please contact [quotes@newline.co.nz](mailto:quotes@newline.co.nz) to assist with ordering a custom made tray.

## Example 1

Showing SLOPEEXT 15/300 being added to a TILEBASE 15. Size of shower base required is 2100 x 1300mm. Waste position 1050 x 500mm. Typical example where shower base is to be recessed into floor. For fitting on top of flooring refer example 2 below using TILEBASEHOB60.

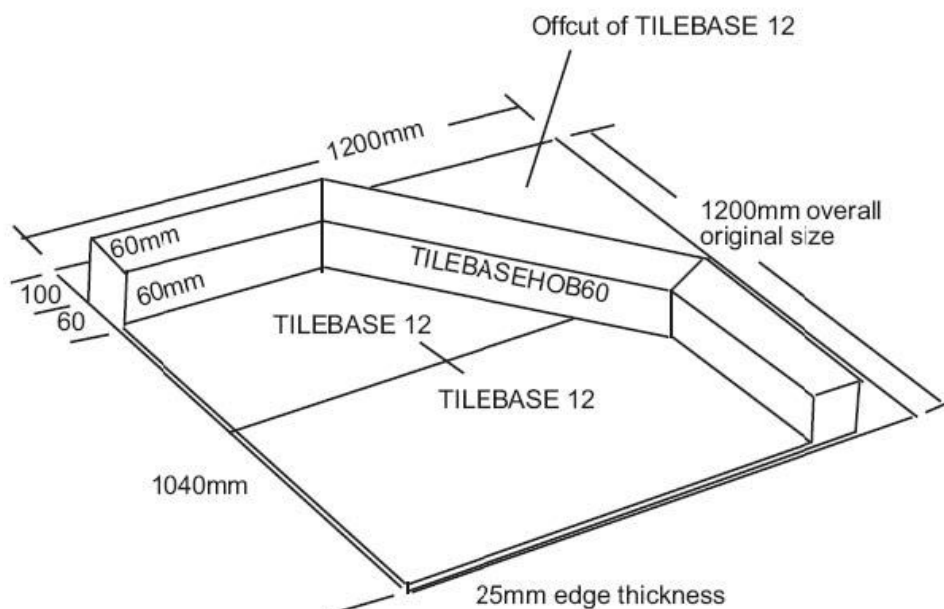


## Example 2

TILEBASEHOB60 being fitted to TILEBASE 12. Size of shower base required 1100 x 1100mm. Waste position 600 x 600. Shower base Neo Angle Shape.

Trays placed on top of flooring usually require a sill block or HOB fitted around the outside edge for door glass to sit on.

When a TILEBASEHOB60 is required the TILEBASE must be cut 60mm smaller than the required size eg 1040 x 1040 to compensate for the use of the TILEBASEHOB60.



## Installation

**STEP 1** Mark the external boundary of the planned shower base.

**STEP 2** Identify if it is level entry or hob design and the waste location.

- Level Entry Tray: Create the recess required in the floor (Diagram 1, page 6).
- Establish the waste positioning required.
- Hob Tray: Mounted on top floor. The 60mm hob will be positioned inside the boundary marks so the tray will need to be cut to allow for this.

**STEP 3** Measure A and B from the centre of the waste to the side wall (refer to Diagram 2, page 6). Starting from the centre, mark these measurements on the chosen TILEBASE. Where the distance is less than the width of the TILEBASE; cut the TILEBASE component to size by trimming the required amount off each side, retaining the correct waste position.

Where the TILEBASE component is not wide or long enough to reach the edge of the shower base or the walls of the shower, place the whole TILEBASE in position centred on the waste hole and measure the gap between the TILEBASE and the edge or wall. Using the corresponding SLOPEEXT, trim down to the required size to fill the gap and place in position. Fill in all the gaps until you have the size shower base you require.

### Example 3

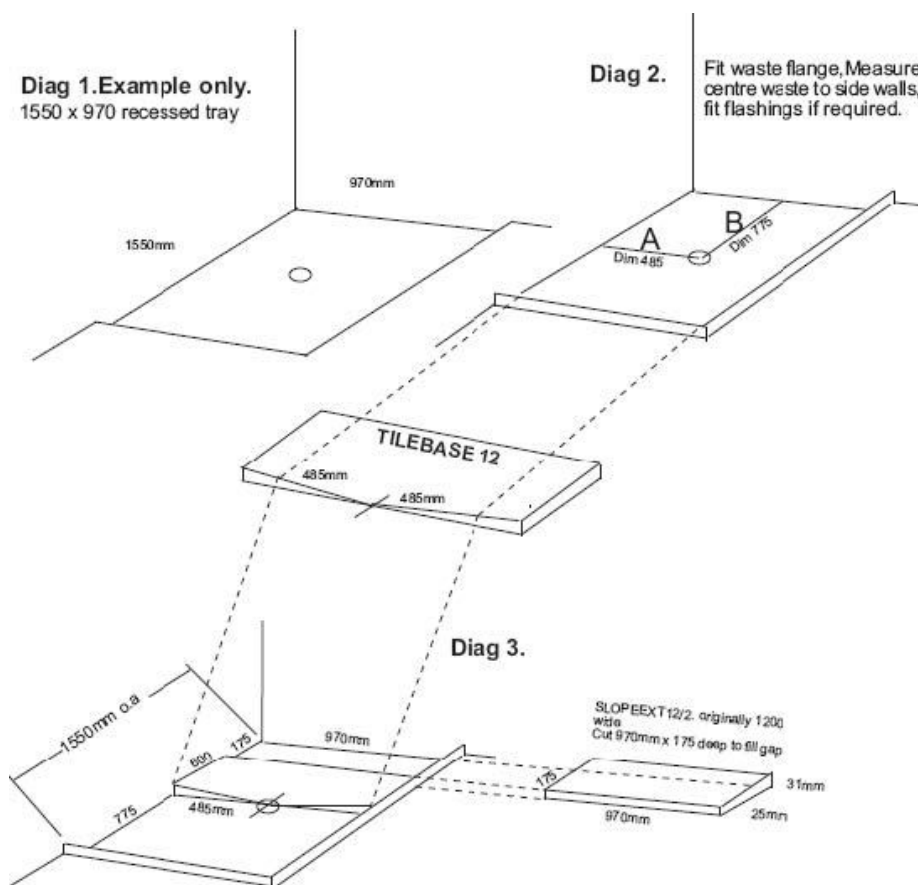
Below the tray is recessed and is 970 x 1550mm.

TILEBASE 1 and SLOPEEXT 1/200 would not be long enough (max (1400mm)

TILEBASE 12 and SLOPEEXT 12/200 cover an area larger than required (1600 x 1200mm)

TILEBASE 15 is not large enough as a single component (max 1000 x 1500mm). SLOPEEXT would also be required.

TILEBASE 12 and SLOPEEXT 12/200 is the best alternative as it makes the greatest use of the SLOPEEXT components.



## Plumbing: Install Gully Trap Waste

The waste is mounted on floor level or specified recessed floor prior to the tray base installation.

### Wood Floor

⚠ Pipe work below bonded to frame and leak control flange silicone bonded to floor.

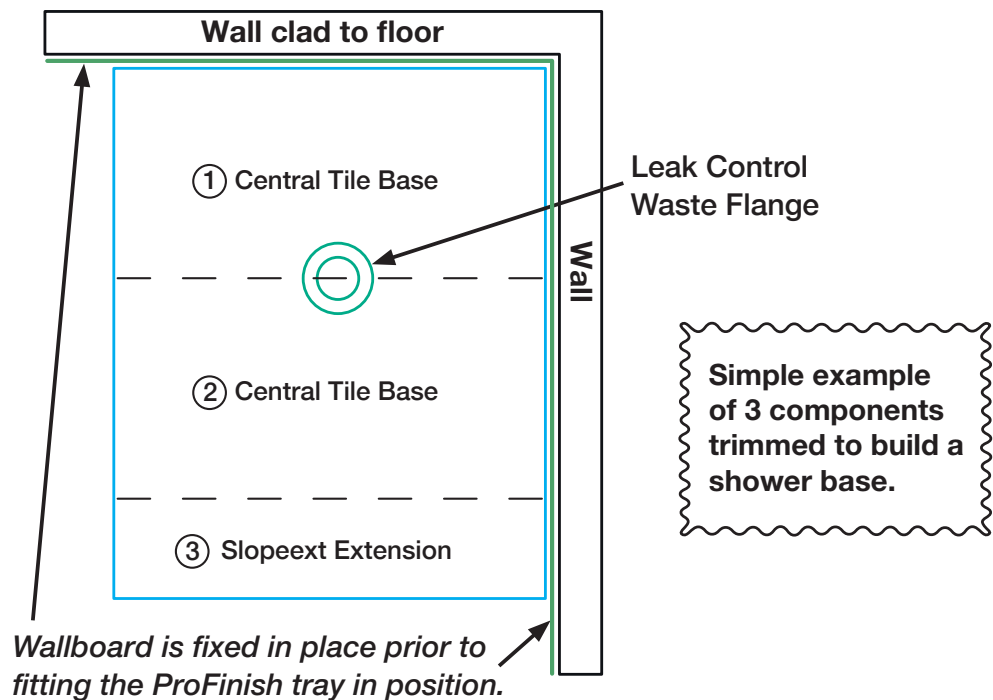
### Concrete Floor

1. Pipework below must be embedded in mortar and the leak control flange silicone bonded on floor.
2. Recessed floor if not finished to specified depth: Assess if it's possible to embed the gully trap in mortar and supported up to the waste flange. FLC would be applied later at specified depth.

## Tray Base Fitting to Waste Detailing

1. On the wall sides of the shower the 10mm wet area compliant wallboard must be installed down to the floor level. The tray base butts up to this. This also applies to recessed floors.
2. Position the Tray base components that connect to the waste. Mark the centre and the circle of the waste flange. Trim tray base components to fit up to leak control waste flange.

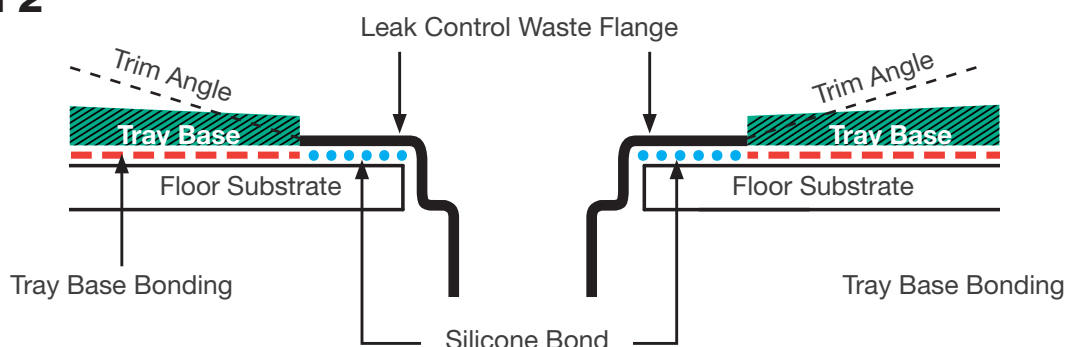
Diagram 1



## Waste Flange To ProFinish Tray Base

- Tray height will be above the waste flange. Trim this at a low angle as dotted line in drawing.
- Allow for your adhesive option build as Diagram 3 Page 7(\*) in your preparation steps.
- A later waterproofing adhesive bandage is applied across this and must fully adhere at join.

Diagram 2





## Tray Base Bonding: 2 Options: "A" (Cartridge Adhesive) & "B" (Tile Adhesive)



Read through these options to familiarise yourself with both bonding options.

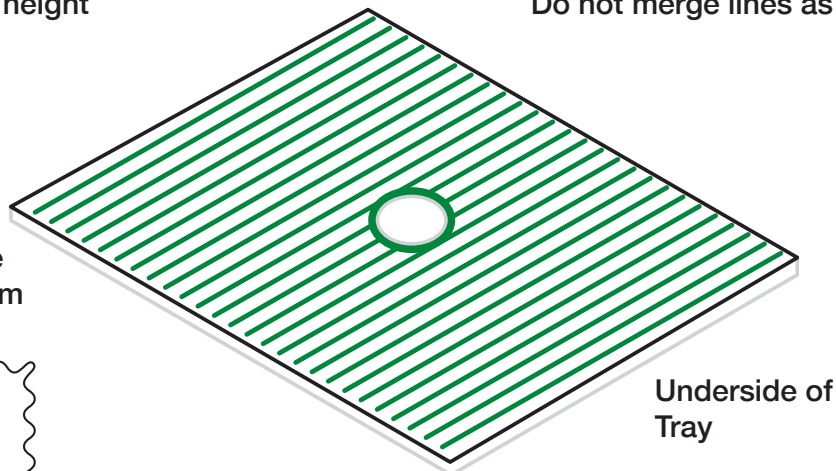
### Option A: Maxbond Cartridge Adhesive

1. On the Tray base underside apply a generous bead around waste circle to adhere firmly against waste flange.
2. Start at outside edge applying 8mm beads of adhesive in lines at 55mm centres as Diagram 3.
3. Place tray base into position applying pressure against walls and use even pressure to bed the adhesive into the floor and against waste leak control flange.
4. Protect Tray Base from access during curing time (Curing rate 2mm to 3mm/24hr at 20 degrees).
5. Elevate room temperatures in cold conditions as under 5 degrees the adhesive is inert.

\* **Note:** Maxbond adhesive will have a maximum 1mm build height

Keep adhesive lines as this Diagram 3. Do not merge lines as it affects curing.

### Diagram 3



\* **Note:** Approx Tile Adhesive 3mm or 5mm



### Option B: Tile Adhesive Bonding using C2S1 or C2S2

**Recessed Floor Alignment:** Check desired height to line up to adjacent floor level (Tray Base thickness plus tile adhesive build).

**Assess Notched Trowel needed:** 10mm notch trowel = approx. 5mm build & 6mm notched trowel = approx. 3mm build.

**Note:** Recommend using the lesser minimum build thickness if a surface mounted tray.

1. Firstly, you must back butter/skim the underside of the Tray Base with adhesive.
2. With a notched trowel apply tile adhesive to the substrate. Always maintain one direction only. This is to enable air to be excluded out from a wall.
3. Place the tile base into the adhesive as a wet-on-wet contact.
4. Press the tile base against wallboard and ensure a full adhesive contact/ apply even pressure working from the wall outwards to exclude air and then against waste flange.

**Tech data sheet info:** Find the max build thickness for your tile adhesive and curing times.

#### Finishing Tray Base to leak Control Flange

- Check alignment of tray base to leak control flange as shown in Diagram 2 on previous page. It may need further sanding down to line up with leak control flange.

**Waterproofing:** First coat can start after the tile tray bonding, but there must be no pressure applied until the adhesive is fully cured.



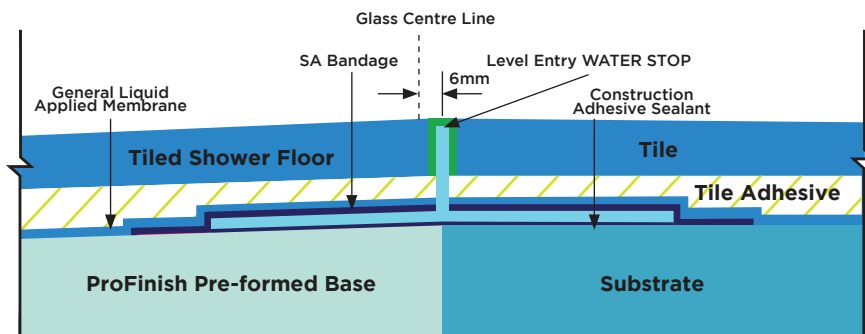
**ENSURE PAGES 7 TO 9 ARE GIVEN TO TILER**

**WATER STOPS MUST BORDER A TILED SHOWER ENCLOSURE FOR WATER CONTAINMENT**

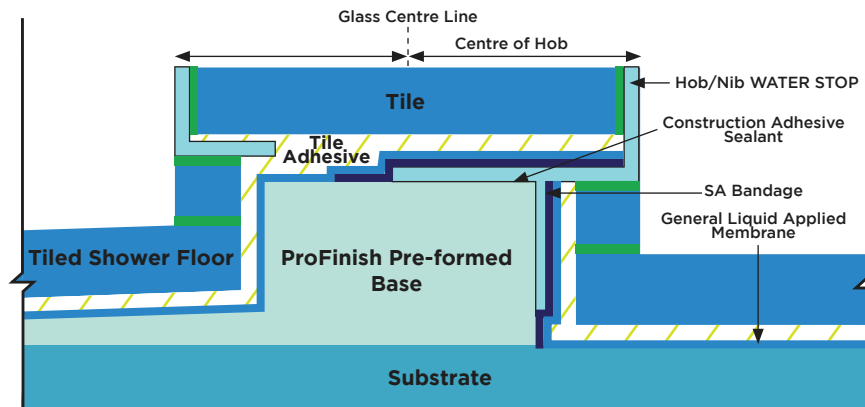
All work must comply with (NZBC) E3/AS2 as per IWAM Code of practice or AS3740

**⚠ Wall Water Stop: Leading edge must line up to Glass Centre Line**  
The green lines in drawings show silicon sealed joints.

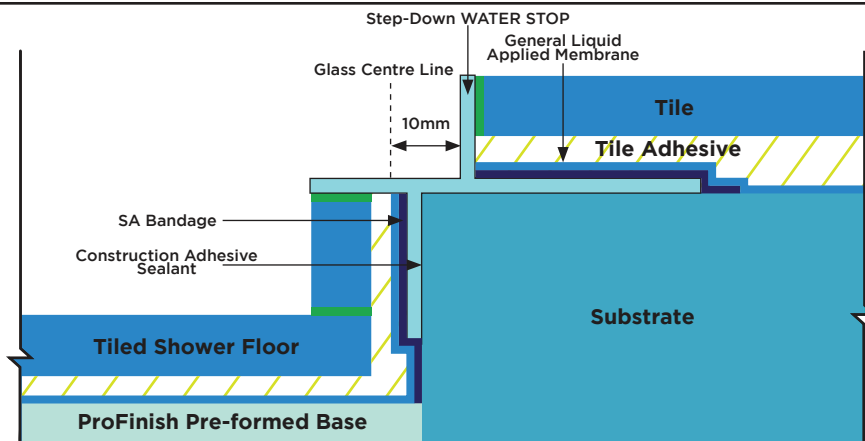
**LEVEL ENTRY: Glass line is offset 6mm on shower floor side of Water Stop.**



**HOB TRAY: Water Stop must be on opposite side to shower floor.**



**STEP-DOWN: Glass Centre Line and Wall Water Stop match up to same mark.**



**⚠ The Tiler's is responsible to comply to (NZBC) Code for Water Stops**



# ProFinish™ Waterproofing Systems

## WATERPROOFING

- The Independent Waterproofing Manufacturers listed below have tested their systems and procedures on Newline ProFinish Tile Trays. This represents years of proven track record.
- At the time of publication all Waterproofing Systems hold a BRANZ Appraisal.
- All the Waterproofing Systems listed have an aligned Tiling Systems. You must use the associated Waterproofing & Tiling system for compatibility, performance and accountability.
- A Producer Statement must be provided to the Council Authority and Owner detailing the Waterproofing applicator ID or Code. As an appendage also include the tiling system utilised.
- Applicators must be trained and hold current Accreditation with the respective system being utilised for the Warranty to be valid. We advise you to ask for these credentials.

COMPANY	PRIMER	PRODUCTS	CONTACT	WARRANTY
<b>ARDEX</b>	Prep: Wipe down with damp cloth - No primer	1. ARDEX WPM 155 Rapid (1 Part Poly- Acrylic) 2. Ardex Superflex WPM 002 (2 Part) 3. ARDEX WPM 750 WeldTec Undertile Sheet Membrane*	Ronald Rose 027 838 5691 ronald.rose@ardexnz.com	15 Years  *20 Years
<b>DAVCO Tilemax Ltd</b>	Davco Primex	1. Davco K10 Plus - Polyurathane (Coat Primex within 24 hrs) 2. Davco K10 Rapid	Isaac Gordan 022 127 7694 isaac@tilemax.co.nz	15 Years
<b>DRIBOND CONSTRUCTION CHEMICALS</b>	Primax Bonding slurry - Kemcrete mixed 50/50 with cement or Gripflex	1. Hydrathane 2. Liquid Flash 2-Pack 3. Reomat b/breaking Tapes	Steve Plester 022 1205416 sp.conchem@xtra.co.nz	15 Years
<b>LATICRETE GLOBAL TILE</b>	As per instructions No primer required	Hydro Ban Waterproof Membrane	Jared Caldwell 021 654 341 jared@globaltile.co.nz	15 Years
<b>MAPEI</b>	Ecoprim Grip Mapeprim SP	1. Mapelastic AquaDefence 2. Mapegum WPS 3. Mapelastic Smart (2 Part)	Jennifer Price 029 2799 700 jennifer.price@mbpltd.co.nz	15 Years
<b>SIKA (NZ)</b>	As per instructions	Sikalastic-152 (2 Part) Sikalastic-220W	Paul Hunter 09 820 2900 027 499 8805 hunter.paul@nz.sika.com	15 Years
<b>CTA</b>	Prep N Prime	Aquablock SBR Aquablock WPU Aquablock (2 Part)		
<b>Technokolla NZ Trade Supplies Ltd</b>	Prep: Clean and Vac surface. Technokolla Primer 101	1. Technokolla RL80 SeamTape joins Rasolastic Advance (2 Part) 2. Strataflex & Rasogum over laps	Scott Newton 021 243 4343 scott@technokolla.co.nz	15 Years

- Newline warrants the performance and integrity of the Profinish Tile Shower Base for 20 years. Non-conformity to installation instructions has the risk of failure.
- All Waterproofing and Tile Installation must be installed as per manufactures Specifications as any deviation from the instructions may result in a performance failure.
- All Tiling must follow BRANZ Good Tiling Practice Edition 3.

\* This document is current as of 07/04/22

## CONTACT

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