**NEWLINE**
for a lifetime!

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



Prior Building & Plumbing Preparation:

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

WARRANTY

- Faulty goods are covered under warranty. Visit [newline.nz](https://www.newline.nz) for details.
- Compliance with Acrylic Pre-install and these instructions are essential for a valid warranty.

HEALTH AND SAFETY



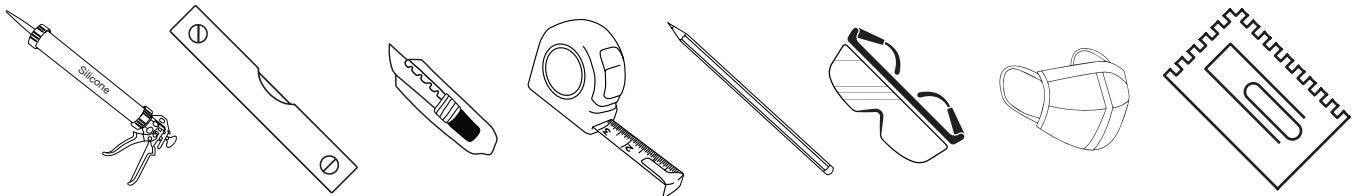
- Electric wires, gas or water pipes within the wall or floor framing must be marked to protect against life threatening injuries.
- Check MSD Sheets and ventilate any rooms if using any product with harmful vapours.
- Wear protective equipment and suitable clothing for the task undertaken.

Important!

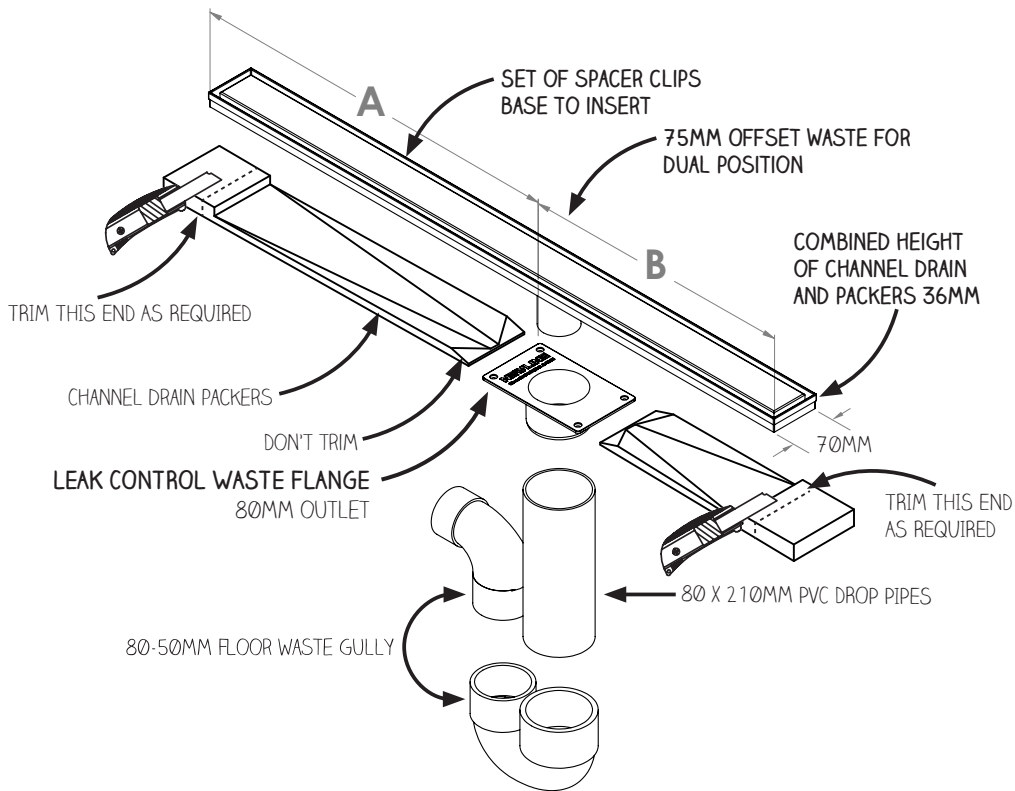
1. When you receive your Channel Drain Kit check that the size is correct and is free of freight damage.
2. Advise Newline 0508 639 5463 of any fault within 12 hours of receiving goods.
3. Any installation of incorrect or damaged product will invalidate later claims.

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Tools Required



Component Supplied and Drain Cross Section



Components Supplied as Diagram A and as below

- | | |
|------------------------|--|
| 1. Channel Drain Kit | Specific size ordered (Items as Diagram A) |
| 2. ProFinish Tray Base | Size and application as order |
| 3. Maxbond Cartridges | Quantity matched to Tray Base size |
| 4. Water Stop | If ordered |

Plumbing Guide: Waste Location Steps (Channel Drain)

Follow the 5 Key Items to plot Channel Drain Waste position

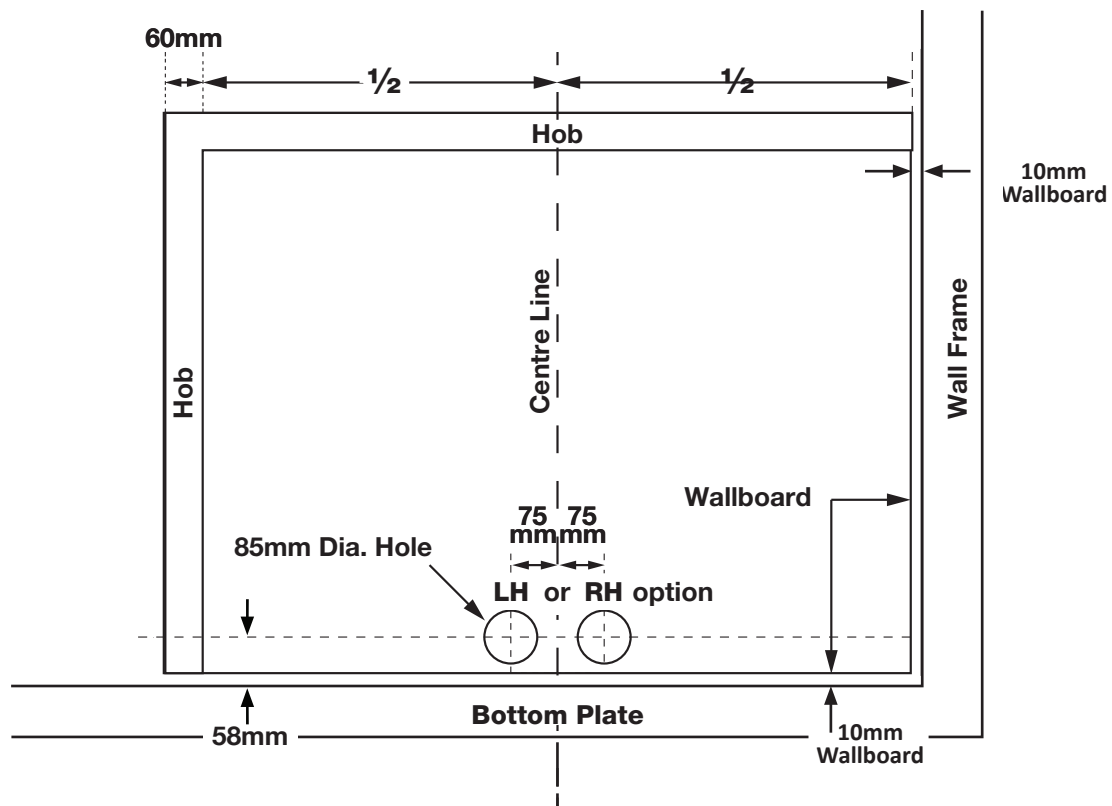
Components supplied as Diagram A as previous page.

1. Understand from the following drawings the specific tray you have.
2. Tray Centre Line: Variances of Tray Base that affect the centre line.
 - One or two sides will be wallboard at 10mm each.
 - One side may be a Hob. If so, allow 60mm for this.
3. Height: the waste flange will sit level to the finished floor (Surfaced mounted or recessed floor at specified depth).
4. Waste off back wall : 58mm off wall bottom plate.
5. Choose LH or RH off-set waste option from centre line.

Plumbing: Waste Location Drawings (Channel Drain)

Drawings identify Wallboard sides and Hobs to accurately plot the waste.

Diagram A 2-Sided Hob Tray



More drawings next Page

Plumbing: Waste Location Drawings (Channel Drain)

Diagram B 2-Sided Level Entry

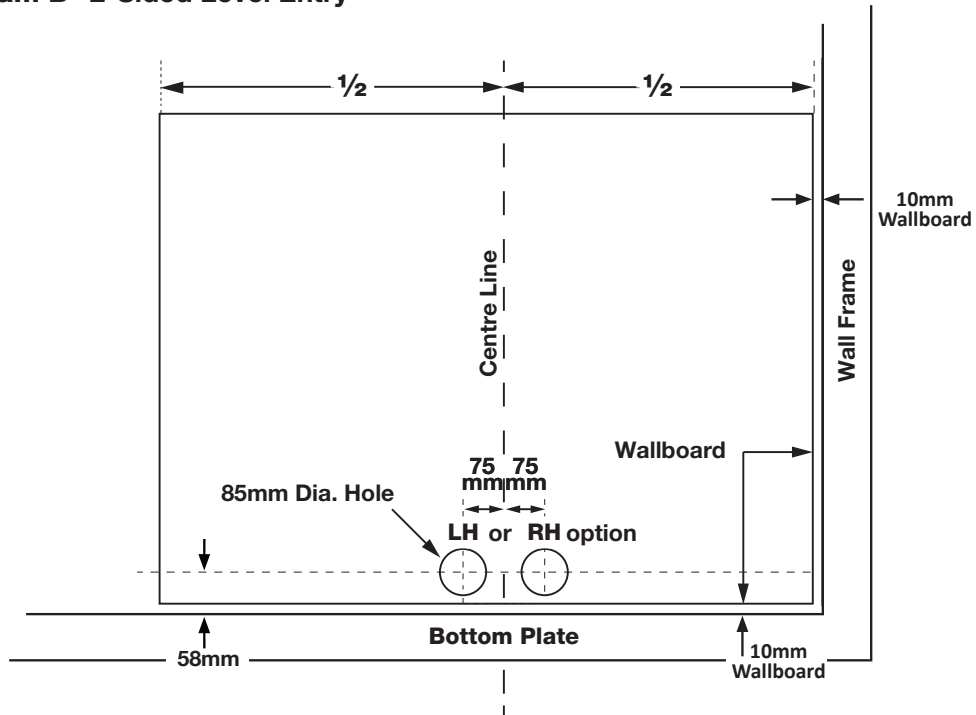
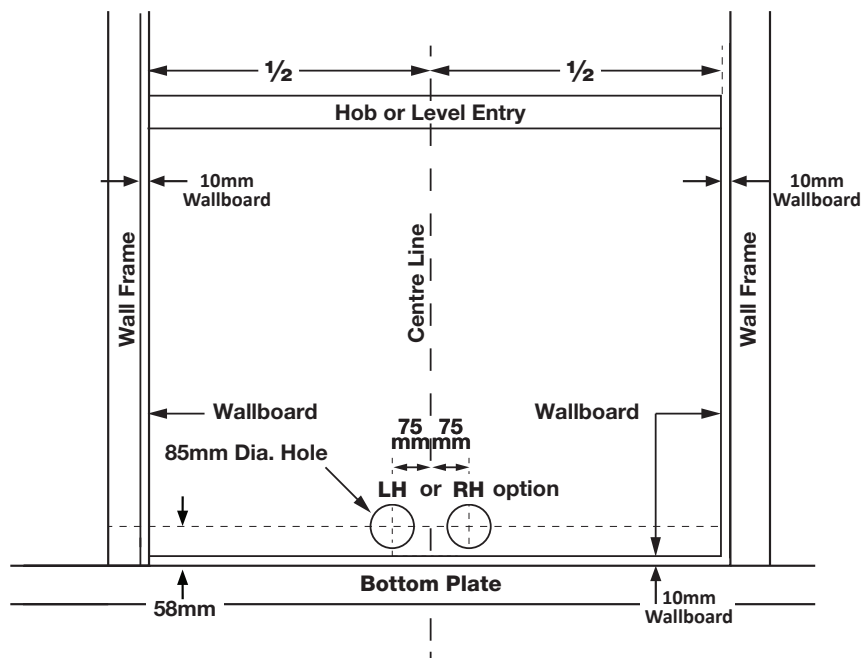


Diagram C 3-Sided Alcove Hob Tray



Specification Sheets (Downloads for all sizes)

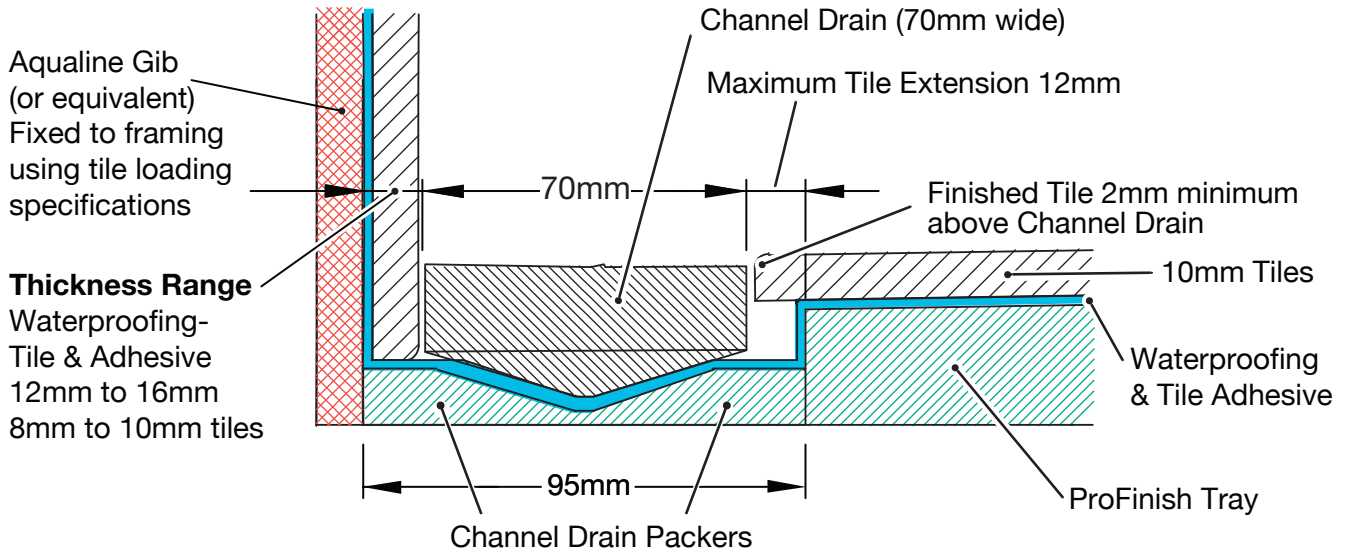
<https://newline.nz/profinish-range-specs/>

Installation of Gully Trap Waste and Flange

1. Set up gully trap to waste system and to waste control flange to floor.
2. ⚠ The waste must have full support:
 - Concrete floor: Pipework below embedded in mortar and Leak control flange bonded to floor.
 - Wood floor: Pipework below bonded to frame and leak control flange to floor.

Installation Steps: Channel Drain & Tray Base Alignment

Diagram D Channel Drain Cross Section (Waste detail not shown)

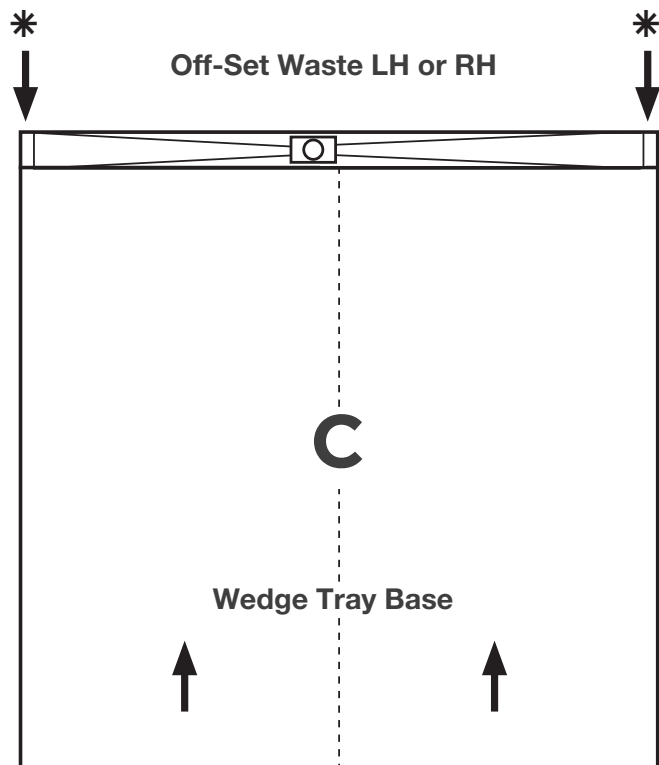


Channel Drain Aligning Checks

Diagram E

From this drawing, assess the wedge tray base and the two packers each side of the offset waste flange is aligned correctly.

The flat section at the outsides of the channel packers marked * should be equal.



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



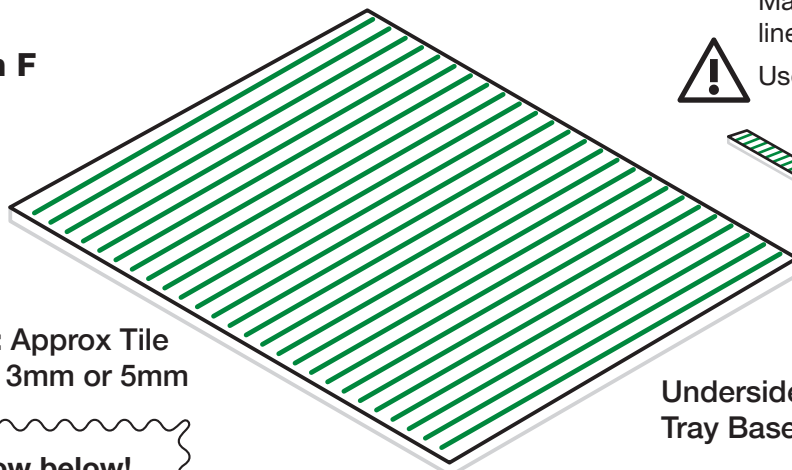
Read through these options to familiarise yourself with both bonding options.

Option A: Maxbond Cartridge Adhesive

1. On the Tray base underside and the channel drain packers start at edge applying 8mm beads of adhesive in lines at 55mm centres as Diagram F.
2. Keep adhesive lines as Diagram F and do not merge across lines as this encapsulates solvents and will greatly slow down curing.
3. Place tray base into position applying pressure against walls and use even pressure to bed the adhesive into the floor.
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

Diagram F



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



Underside of Tray Base

Option 'A' Cartridge bonding with Maxbond (as above). 8mm bead of glue lines at 5mm centres.



Use parallel glue lines exactly as shown.

Underside of Channel Drain Packers

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 and the channel drain packers with tile 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.

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

Pass on these Instructions to Tiler as pages 6 to 8 have important Information.



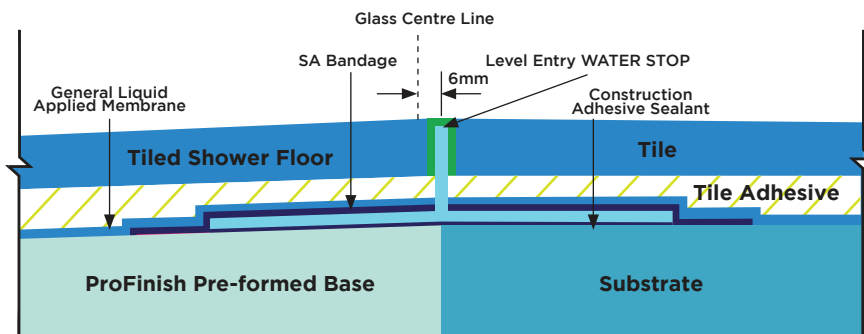
ENSURE PAGES 5 TO 7 ARE GIVEN TO TILER

WATER STOPS MUST BORDER A TILED SHOWER ENCLOSURE FOR WATER CONTAINMENT

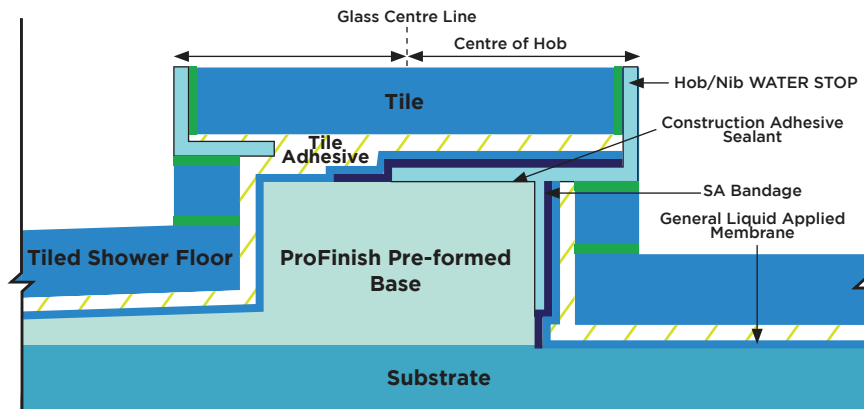
All work must comply with (NZBC) E3/AS2 as per IWAM Code of practice or AS3740

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

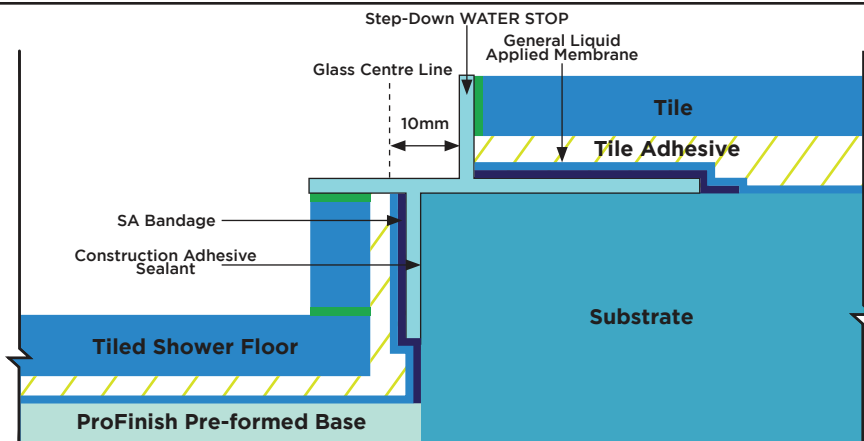
LEVEL ENTRY: Glass line is offset 6mm on shower floor side of Water Stop.



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
ARDEX	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
DAVCO Tilemax Ltd	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
DRIBOND CONSTRUCTION CHEMICALS	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
LATICRETE GLOBAL TILE	As per instructions No primer required	Hydro Ban Waterproof Membrane	Jared Caldwell 021 654 341 jared@globaltile.co.nz	15 Years
MAPEI	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
SIKA (NZ)	As per instructions	Sikalastic-152 (2 Part) Sikalastic-220W	Paul Hunter 09 820 2900 027 499 8805 hunter.paul@nz.sika.com	15 Years
CTA	Prep N Prime	Aquablock SBR Aquablock WPU Aquablock (2 Part)		
Technokolla NZ Trade Supplies Ltd	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

NEWLINE
for a lifetime!

Freephone: 0508 639 5463 Phone: 09 444 2053

Email: info@newline.co.nz newline.nz