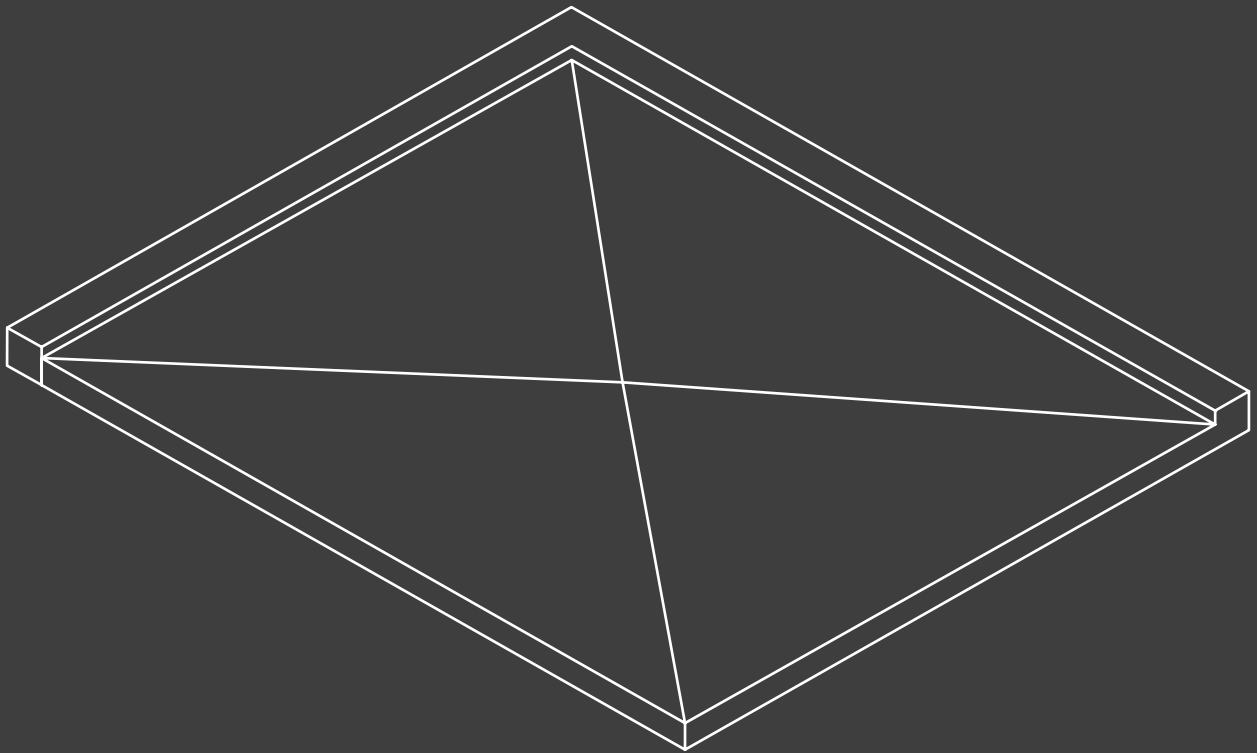


ProFinish™

Hob or Level Entry Tile Tray:
Center Waste

Tile Tray Installation Instructions



www.profinish.co.nz

NEWLINE
for a lifetime!



Important!

1. When you receive your Tile Tray check that the tray 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.

Warranty

Faulty goods are covered under warranty. Visit www.newline.nz for details on this. Hot water supply must be fitted with a tempering valve with a maximum of 55 Degrees Celsius. **Installation must comply with instructions to be valid.**

Underfloor Heating

Any heating system in the floor must have a regulated concrete temperature under 25 degrees and a failsafe monitor to shut down the system in the case of a malfunction. Electric heaters on the surface are not recommended due to much higher surface temperatures.

It is important to check with the Waterproofing and Tile adhesive supplier on suitability of a heating system used within the shower area.

Health and Safety

Determine location of wiring and piping that could be damaged in construction and be life threatening to personnel. This relates to walls or underfloor heating system.

Wear protective equipment and clothing suitable to the tasks undertaken.

Check material data sheets. Ventilate rooms if using glue or waterproofing that the MDS indicates.

Component Package List

Leak Control Waste Kit (if ordered)

Centre Waste ProFinish Tray

Glue supplied

Tiling Outline

Shower Enclosure Tile Requirements

1. Tiles installed should not exceed 6% water absorption as NZ Building Code - Clause E3 Internal Moisture.
2. Thin tiles risk breakage and consequential failure of the surface and waterproofing.
3. Small dimension tiles are not acceptable due to greatly multiply joints/grout lines, reducing essential surface quality, along with increase point loadings.

Tile Installation

- It is best practice to follow all aspects of the BRANZ Good tiling guide.
- Accredited applicators must use complete systems. Waterproofing, Tile adhesive, Grouting and Silicone detailing for full accountability and reliable outcomes.
- The Notched Trowel lines must be vertical on walls and lead to the waste outlet on floor. Also Notched Trowel must meet the specific system compliance for adhesive coverage.
- Grout must comply with the specific application with epoxy grout being the preferred option.
- All areas that have movement must be silicone sealed, i.e. internal/external corners and where different surfaces meet, i.e. floor to drain fittings.
- The shower enclosure must have a "Water Stop" design to comply with AS3740. This guards against moisture transition under the tile and above the waterproofing (refer to page 5).

NOTE: The above tiling installation Items have been included to alert the installer to his obligations and are not a specification. Consult your material system supplier for technical advice and industry guidance from TANZ to guarantee the NZ Building Code E3 is adhered to.

Before You Start

- The ProFinish tile tray must not be rebated into the cladding but abutted against the lined wall (refer to walls below for details).
- The waste flange must be installed into the floor before gluing tray down.

Preparation Checklist

Walls: These must be plumb and flat.

- ☐ Framing must provide solid support for the wall channels (30mm back from join for hob tray to floor or centred to the join for level entry tray).
- ☐ Use Villaboard cladding or equivalent “wet area” grade to comply to the Building Code and fastened to manufacturer’s specifications for strength and tile loadings..

Floors: These must be level and flat.

Wood Floors

- ☐ The flooring substrate options. H3.2 treated Ply (no LOSP treatment), Fibre-cement flooring.
- ☐ Framing must be at 400mm maximum in both directions to establish rigidity.
- ☐ Floor levelling compound maybe required to level up.
- ☐ When fitting ProFinish tile trays to timber floors we recommend the use of Hardies Slate Tile underlay fastened as per their specifications.

Concrete Floors

- ☐ Structural integrity, level with a flat surface. Paint or sealant on the surface must be removed to gain an absorbent surface.
- ☐ Floor levelling compound or grinding maybe required to level up.
- ☐ If the concrete pour or a plaster screed has recently been laid the moisture content must be tested. To arrive at the relative humidity, 75% is the maximum permissible. Remedial treatment must be done if too high.

Plumbing

- ☐ All plumbing must be installed by a licenced plumber. The mixer and fittings must be sealed at entry through the wall.

Tiles

- ☐ Ensure you have checked the “Tiling Outline” on previous page and how this may affect your installation.

Waterproofing

- ☐ Refer to back page for waterproofing guidance.

Fitting the Tile Tray

1. Drill a small hole at marked centre of tile tray for waste position to substrate.
2. Place the tile tray in position and mark the external perimeter of the tray and the centre point of waste through the drilled hole.
3. Install the waste fitting to the substrate. The Tray must not be installed over the waste flange.
4. Replace ProFinish tray over the waste and with a sharp knife cut around the waste flange to neatly butt up against flange. Sandpaper top edge of cut circle to angle down to flange.

Diagram 1: Fitting

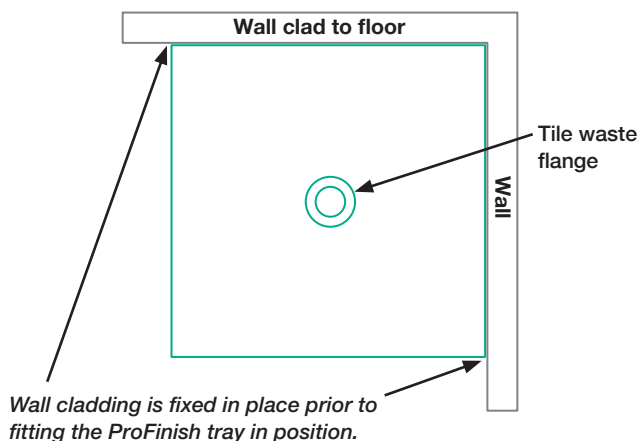
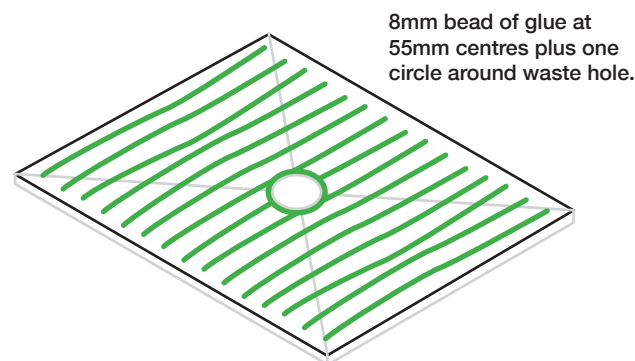


Diagram 2: Bonding of Tray - Underside view



Tray Bonding To Floor

OPTION A Maxbond Cartridge Bonding

1. On the underside of the tray, apply 8mm bead glue lines at 55mm centres and one circle surrounding waste hole (Diagram 2).
2. Place on floor and apply pressure evenly. Lift up to release solvents (half minute to 4 minutes relative to temperature).
3. Apply generous MS adhesive where the tray abuts the wall board. This is an important foundation for waterproofing later. 2-Sided can be completed readily but 3-Sided will need method to complete this.
4. Weigh down and hold in position. Allow 48 hrs for adhesive to cure sufficiently to hold.

Note: Temperatures under 5° will hold the glue dormant. Elevate the room to 10° minimum for curing.

OPTION B Tile Adhesive Bonding - applies to concrete or tile & slate overlay of timber.

1. Apply a C2S2 tile adhesive by trowelling out the adhesive on the back of the tray and floor area.
2. Apply generous MS adhesive where the tray abuts the wall board. This is an important foundation for waterproofing later. A 2-Sided can be completed readily but 3-Sided will need method to complete this.
3. Apply the tray into the wet adhesive as a “wet on wet” contact.
4. Press down and hold against the walls. Ensure 100% coverage and exclusion of air.

The Waterproofing: First coat can proceed immediately but there must not be any pressure placed on the ProFinish Tray until the full cure time of the adhesive is reached.

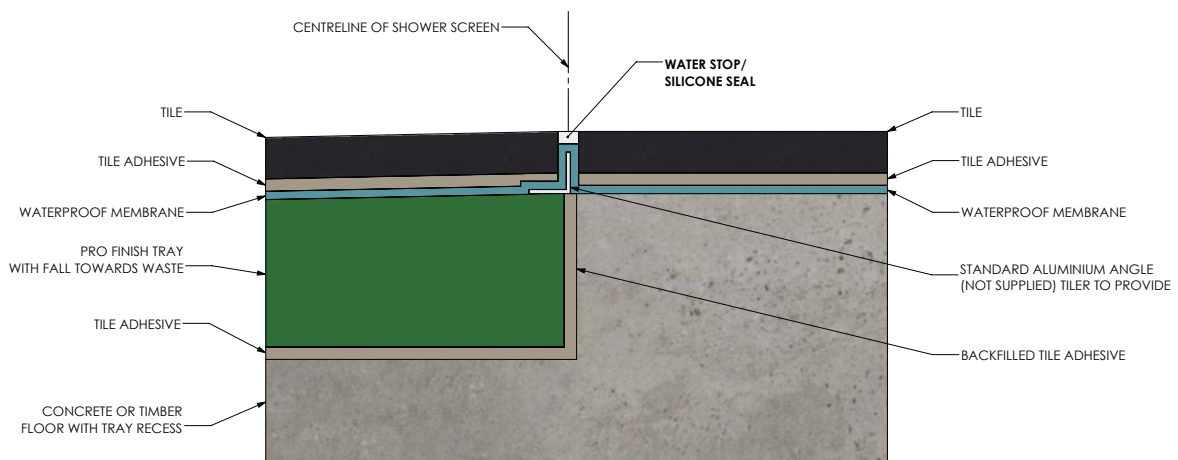
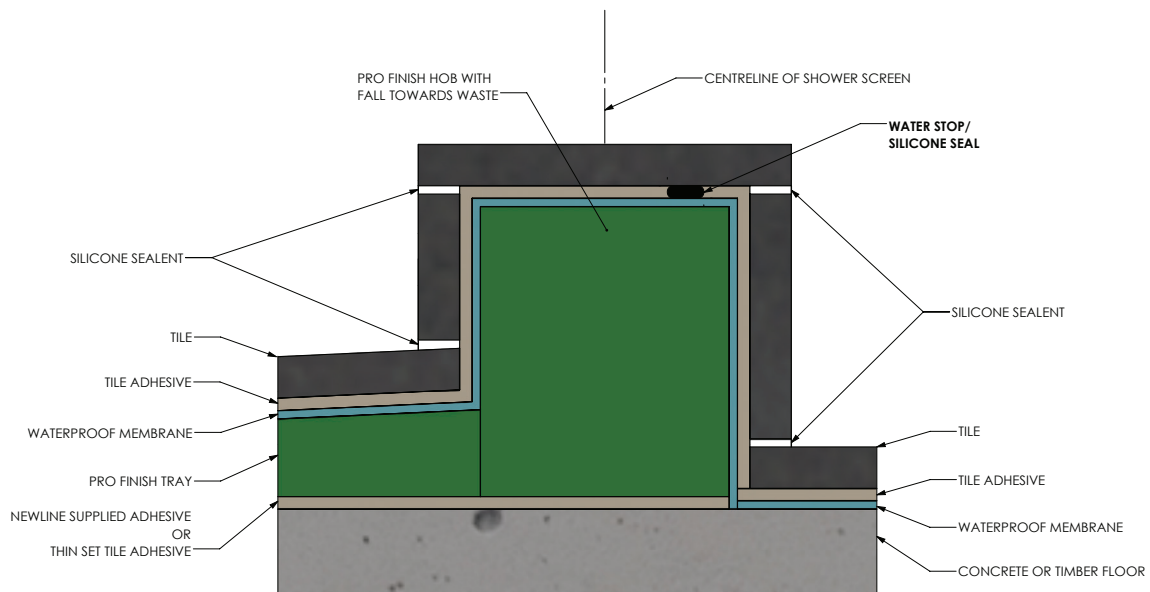
Approx. curing times: Standard C2S2 8 hrs minimum. Rapid C2S2 2 hrs minimum.

Consult with your supplier: For their specific recommended cure times and conditions.

Tiled Hob or Level Entry Shower Moisture Containment

1. When installing tiles in a Hob or Level entry it is important to install a “WATER STOP” to prevent moisture from tracking under tiles. All work must meet the requirements of AS3740.
2. The two drawings following indicated the positioning of these Water Stops. An alternative position is acceptable if it can be demonstrated it complies with AS3740.
3. This Water Stop line must be continuous and carried up the wall under the tiles. This is to fully encapsulate the shower recess from migration of moisture.

HOB TRAY CROSS SECTION: HOB DETAIL
SCALE 1:1



Note: “The Water Stop” details are to alert the tiler to his obligations. For technical advice Consult your materials supplier, industry guidance from TANZ, “Good Tiling Practice” publication from BRANZ to ensure compliance with the NZ Building code..

ProFinish™ Tile Tray Waterproofing

WATERPROOFING

- The Independent Waterproofing Companies 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 (2Part) 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
LADICRETE GLOBAL TILE	Prep: as instructions No Primer	Hydro Ban SBR	Chris Anderson 021 784 162 Chris@globaltile.co.nz	15 years
MAPEI	Ecoprim Grip (1part) Magelastic SP (2 part)	1. Mapelastic AquaDefence 2. Mapegum WPS 3. Mapelastic Smart (2part)	Heidi Clark 027 6455 122 heidi.clark@mapei.co.nz	15 years
SIKA (NZ)	Per Instructions	Sikalastic-152 (2 Part) Sikalastic-220W	Andy Williams 09 820 2900 021 421 084 williams.and@nz.sika.com	15 years
CTA	Prep N Prime	Aquablock SBR Aquablock WPU Aquablock (2 Part)		
Tiling Trade Supplies T/A Technokolla NZ	Prep: Clean and Vac surface. Technokolla 101	1. Technokolla RL80 SeamTape joins Rasolastic Advance. Two Part 2. Strataflex & Rasogum over laps	Dave Boyes 0275 635 891 dave@technolla.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 manufacturer's specifications as any deviation from the instructions may result in a performance failure.
- All tiling must follow BRANZ Good Tiling Practice.

* This document is current as of 10 December 2018.