

INSTALLATION MANUAL

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In this installation we have considered Australian building scenarios: installation on a timber floor and installation on a concrete floor.

1 - BEFORE STARTING

Observe all of the local hydraulic and building regulations.

The following instructions are to be followed by a qualified licensed plumber with the technical background and experience needed to manage the product safely.

1.1 - SHOWER FLOOR INSPECTION

Before installing the product make sure it has not warped due to improper storage and exempt of any damage. In case of improper installation, warranty will decay. In case of installation of a warped/deformed product, warranty will be voided.

A 2 mm distortion per linear metre is within the tolerances of manufacture and is therefore not to be considered a defect.

Before installing, check access to the hydraulic connections.

1.2 - PLUMBING FITTING:

Domus shower floor waste: the product requires a 80x50mm waste (code DLWK80) .



Shower waste disassembled



Shower waste assembled into the shower floor - rear view.

2 - PREPARING THE LOCATION

2.1 - WATERPROOFING

The shower flooring area and shower walls have to be waterproofed according the Building Code Of Australia (Australian Standards AS 3740 - waterproofing of domestic wet areas) prior the Domus shower floor installation.

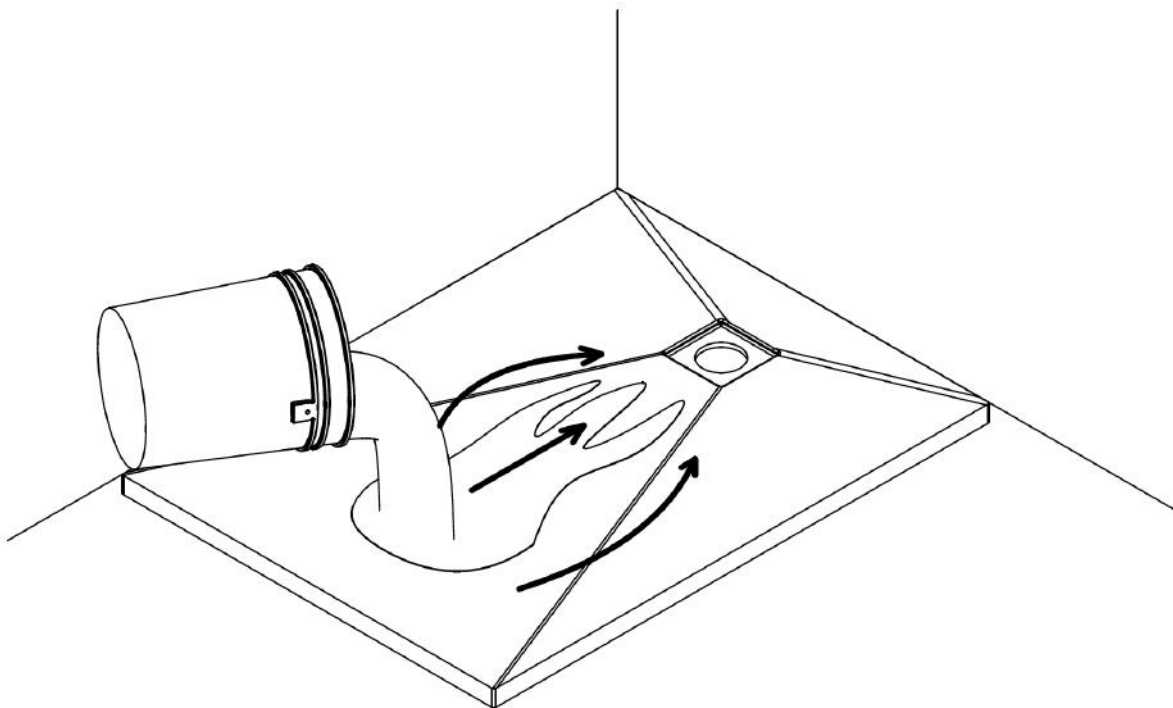
Prior waterproofing is recommended to install a device such as a puddle flange or a smart pan, details of such installation can be found in the dedicated part of the installation instructions.

2.2 - PREPARING THE DOMUS SHOWER FLOOR

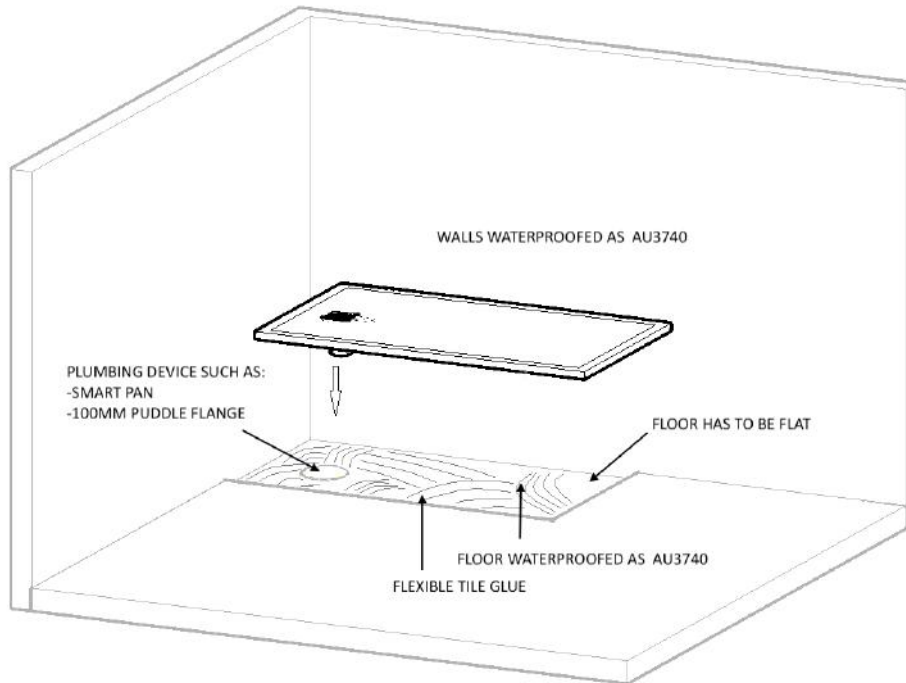
Position the Domus shower floor where it will be installed and test the correct drainage: pour water all over the surface to verify the correct drainage without any pooling. Check all of the connections for possible leaks.

Failure to conduct this test prior to the installation may void the warranty.

Once the drain test has been done, it is recommended to store the Domus shower floor vertically on the long edge as indicated on the product box.



INSTALLATION GUIDELINE



The image above represent the ordinary installation method of a Domus shower floor.

Below a detailed installation to install the Domus shower floor above a

- TIMBER SUBSTRATE

OR

- CONCRETE SUBSTRATE



3 - INSTALLATION ON A TIMBER FLOOR

(skip this chapter and go at the chapter 4 if installing on a concrete floor)

When installing on a timber floor the entire surface has to be cladded and waterproofed: the Domus shower floor is not part of the waterproofing of the bathroom. Sheet floor or floorboards have to cover the underside of the shower tray.

Leave 3mm of joint between the shower floor and surrounding elements.

3.1 - FLOOR PLUMBING CONNECTION RECOMMENDED

100mm Puddle Falange	OR	Smart Pan Device with plastic lid.
		 Such as Demtech Nero Delta® Drain System

ADVICE IF YOU ARE INSTALLING IN AN UPSTAIR BATHROOM:

If installing the Domus shower floor on a timber floor where the total floor thickness for a full size smart pan is limited (especially in an “upstairs scenario”) we recommend a device such as **Demtech Nero 100mm Sleeve Extension & Lid** (this device has the possibility of coming with a 80mm or 50mm trap reducer). This device is a “thin profile smart pan” and takes much less space than a standard smart pan. It can be useful for bath installation too.

WHEN USING A SMART PAN:

If using a smart pan, please follow these steps:

- 1) a hole of the diameter of the waste collar (highlighted in red, see picture below) has to be drilled through the smart pan plastic lid.



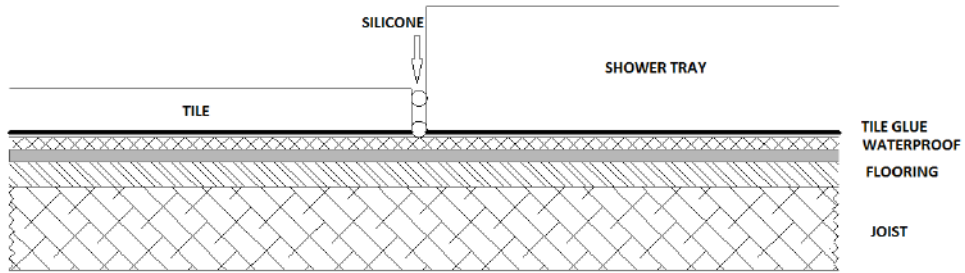
- 2) Apply a generous amount of waterproof sealant around the collar (ex. Polyurethane sealant), so that the collar will be completely sealed into the smart pan.
- 3) It is mandatory that the smart pan lid has to be cut to waste collar size and it is not to be removed. The lid support is essential. Failure to follow this instruction will void the warranty for the Domus shower floor.

3.2 - FINALISING THE INSTALLATION

Once the plumbing device is installed and waterproofing is completed, to finalise the installation procedure follow these steps:

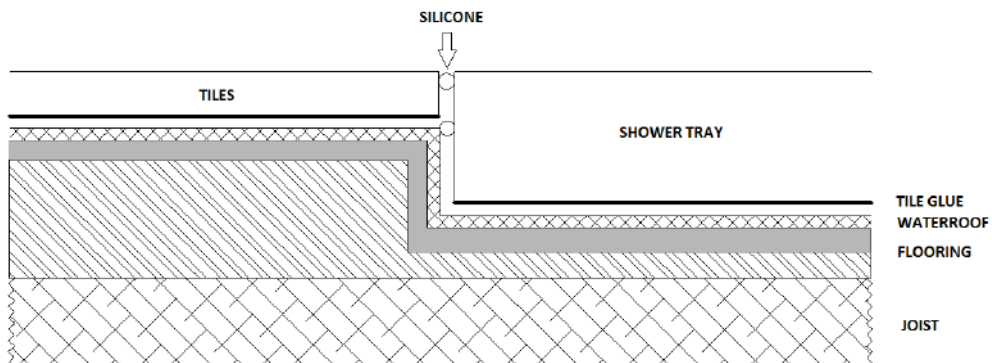
- 1) See point 6 regarding the glue to use with the shower tray.
- 2) Lay the shower tray above the designed area and use a spirit level both side to side and front to rear to ensure the correct level.
- 3) Prior proceed with the shower wall installation test for a water run-off to the waste outlet to ensure the correct drainage.

3.3 -INSTALLATION ON A TIMBER FLOOR - NOT FLUSH FLOOR



3.4 - INSTALLATION ON A TIMBER FLOOR - FLUSH FLOOR

You might wish to slightly rise the floor to create a step-less shower area as picture below.



4 - INSTALLATION ON A CONCRETE FLOOR

(skip this chapter and go at the chapter 3 if installing on a timber floor)

4.1 - FLOOR PLUMBING CONNECTION

EXISTING CONCRETE SLABS		NEW CONCRETE SLABS
<p>100mm Puddle Falange OR Thin profile smart pan</p>	<p>OR</p>	<p>Smart Pan Device with plastic lid.</p>
		 <p>Such as Demtech Nero Delta® Drain System</p>

ADVICE IF YOU ARE LOOKING FOR A THIN PROFILE SMART PAN:

Demtech Nero 100mm Sleeve Extension & Lid (this device has the possibility of coming with a 80mm or 50mm trap reducer). This device is a smart pan and takes much less space than a standard smart pan.

WHEN USING A SMART PAN:

If using a smart pan, please follow those steps:

- 1) A hole of the diameter of the waste collar (highlighted in red, see picture below) has to be drilled through the Smart Pan plastic lid.



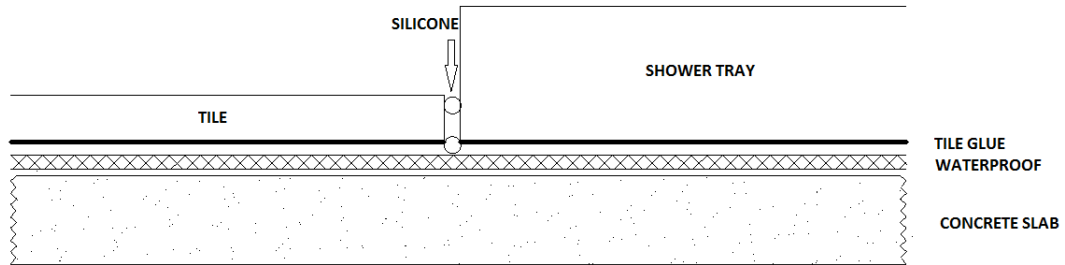
- 2) Apply a generous amount of waterproof sealant around the collar (ex. Polyurethane sealant), so that the collar will be completely sealed into the smart pan.
- 3) It is mandatory that the smart pan lid has to be cut to waste collar size and it is not to be removed. The lid support is essential. Failure to follow this instruction will void the warranty for the Domus shower floor.

4.2 - FINALISING THE INSTALLATION

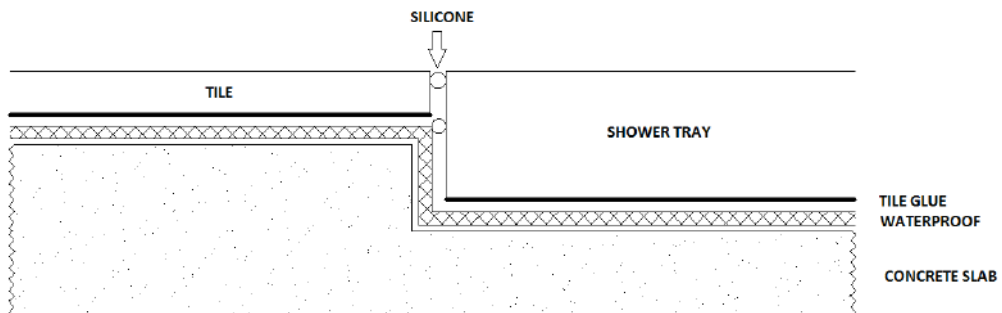
Once the plumbing device is installed and waterproofing is completed, to finalise the installation procedure follow these steps:

- 1) See point 6 regarding the glue to use with the Domus shower floor.
- 2) Lay the Domus shower floor above the designed area and use a spirit level both side to side and front to rear to ensure the correct level.
- 3) Prior proceed with the shower wall installation, test for a water run-off to the waste outlet to ensure the correct drainage.

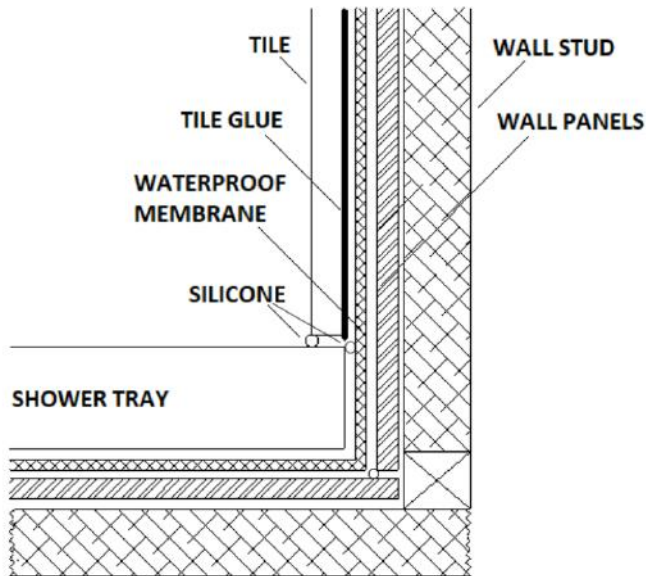
4.3 - INSTALLATION ON A CONCRETE FLOOR - NOT FLUSH FLOOR



4.4 - INSTALLATION ON A CONCRETE FLOOR - FLUSH FLOOR



5 - WALL PROFILE INSTALLATION



- Leave 3mm of joint between the Domus shower floor and surrounding elements.

- The wall cladding material (tiles) will sit on the edge of the shower tray maintaining a 3mm gap.

-The joint between the Domus shower floor and the wall have to be filled with an anti-fungal sealant in order to guarantee a leak free joint, as well as the gap between tiles and Domus shower floor.

-If using an anti-fungal silicon, allow to dry for 24 hours before proceeding with installation work.

6 - GLUE & SEALANT REQUIRED

Glue: any high quality flexible tile adhesive (non rubber modified).

Sealant: any acetic cure anti-fungal silicone for wet area, waterproof sealant. If using an anti-fungal silicon, allow to dry for 24 hours before proceeding with installation work.

Smart pan sealant: in case of using a smart pan, we recommend a water resistant sealant (polyurethane sealant) to seal the shower tray waste collar to the smart pan lid.

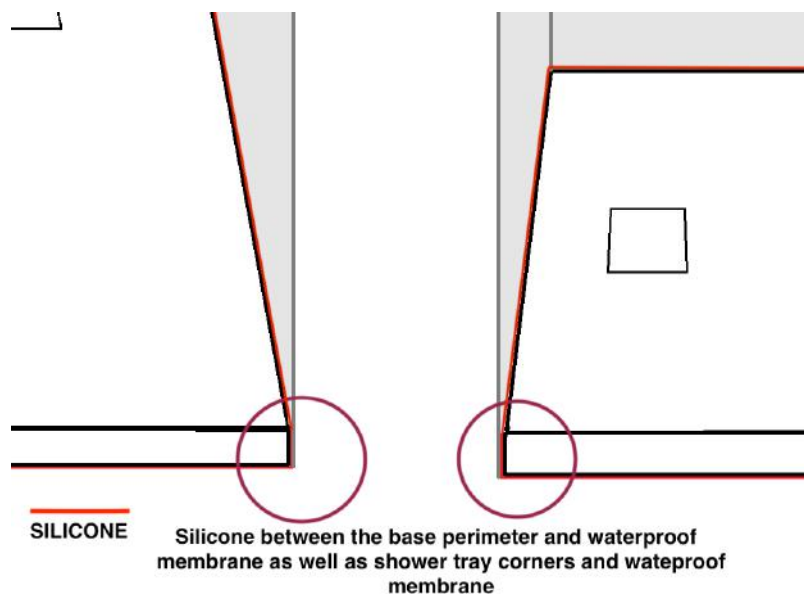
6.1 - GLUING THE DOMUS SHOWER FLOOR

Use a flexible cement based tile glue (non rubber modified), spread it with a 10 or 12mm notched trowel. Spread the glue all over the shower tray area considering the silicon to be put around the non wall perimeter (see point 6.2).

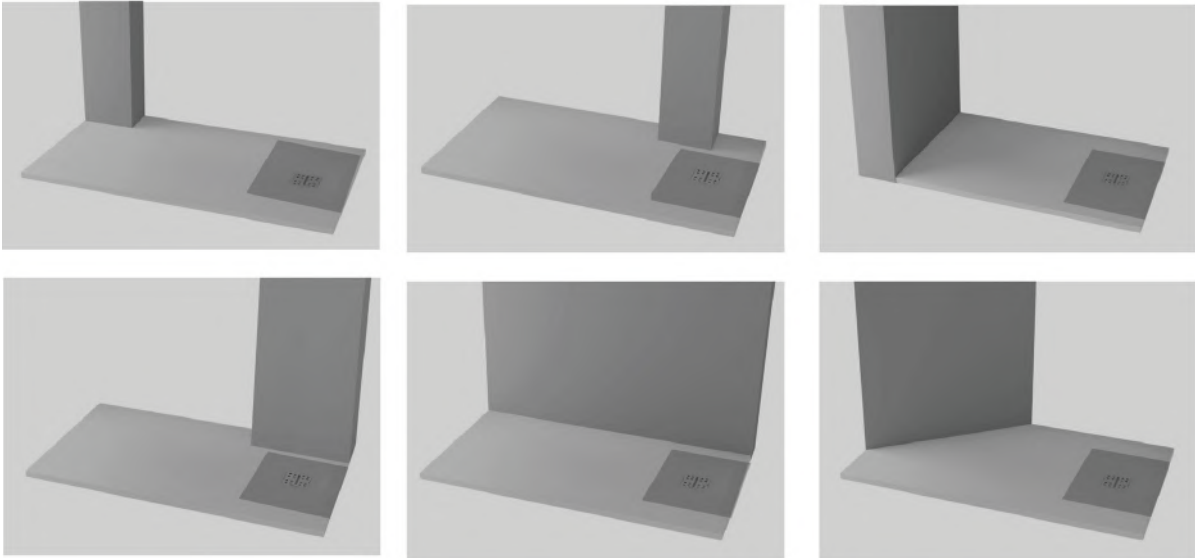
6.2 - SEALANT

Sealant must fill the joint between Domus shower floor and surrounding elements:

- Seal the gap between Domus shower floor and waterproof membrane
- Seal the gap between wall tiles and Domus shower floor (see picture point 5)
- Seal the gap between floor tiles and Domus shower floor (see point 3.2, 3.3, 4.3, 4.4)



7 - CUSTOMISED CUT



Domustone™ shower floors can be cut to satisfy particular space requirements.

Important rules to follow:

- Only rectilinear cuts are allowed, while curved or arched cuts are not allowed.
- It is not allowed cutting the shower tray more than an area equal to 40 x 40 cm around the drain (highlighted area in the picture).
- Shower tray full length or full width can be cut max 20mm along the rectilinear side.
- Cutting edges have to be at the wall side

Warranty will be declined if those rules are not followed.

Domustone™ can be cut using a wet saw or a grinder with diamond blade. The use of a thin Diamond blade is strongly recommended (diamond blades used to cut porcelain tiles).

The warranty is valid:

When a lack of conformity is noticed within 7 years from the time the product was delivered.

Installation was performed appropriately with walls, shower tray, well-aligned walls and levelled floors.

The shower tray was checked to make sure there were no water leaks.

Product maintenance and cleaning are carried out according to the instructions reported in the care and maintenance section.

Water temperature hasn't exceeded 55°C, indoor use only.

The warranty is not valid when:

The instructions for use and installation reported here were not observed.

Installation hasn't been carried out by a licensed plumber.

Installation is not compliant with Australian Plumbing Code (AS3500), ABCB guidelines or waterproofing standards (AS3740).

Claims for blemishes, flaws and other defects are made after the installation.

The Installer/User changed or customised the product without the manufacturer's authorisation.

Accidental damages occurred as a result of collisions or improper use.

The wear and tear of the product occurs normally.

Damages are caused by disasters, such as res or natural disasters, including floods, earthquakes, etc.

The shower tray hasn't been installed indoor.