

Posh Solus Tile Over Shower Tray Rear Outlet



Ensure these instructions are carefully read prior to installation. Failure to follow instructions will void warranty.

It is the responsibility of the installer of the Posh Solus Tile Tray to check with local building code in relation to waterproofing and installation.

These Instructions are a recommended method only.

Installation should also be in accordance with relevant standards;

- AS 1684 - Residential timber framing and construction.
- AS 2870 - Slabs and footings.
- AS 1860 - Particle flooring/installation.
- AS 2269 - Plywood (Structural)
- AS 3740 - Waterproofing of domestic area.
- AS 3958 - Ceramic Tiles (all parts).

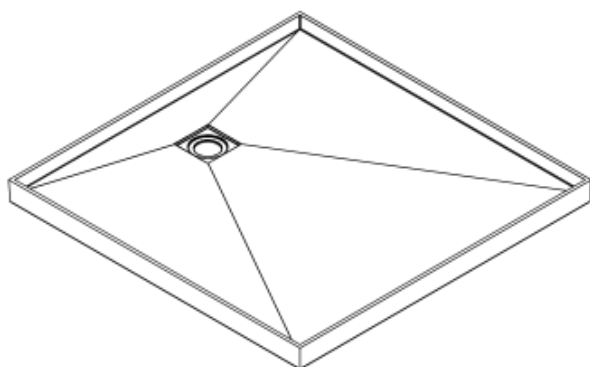
It is the responsibility of the installer to comply with relevant OH&S Regulations and to wear appropriate Personal Protective Equipment as required.

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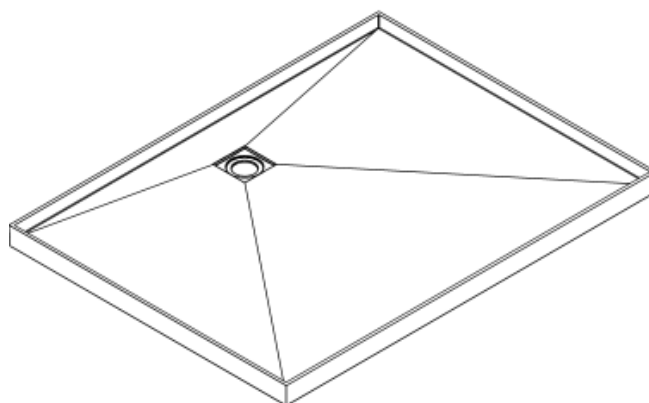
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1. Overview - Product Range

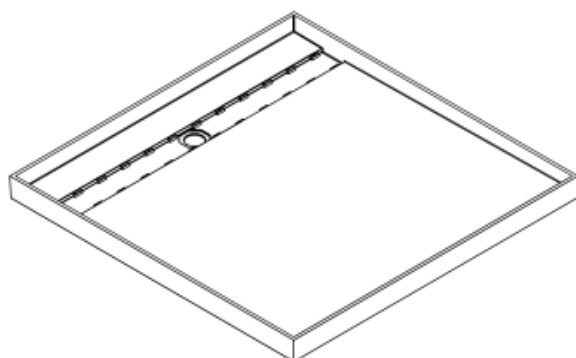
FIGURE A:



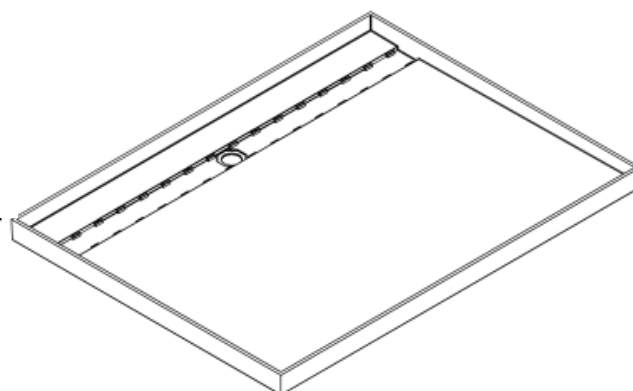
1703067
Posh Solus TT Waste Base Only 900x900



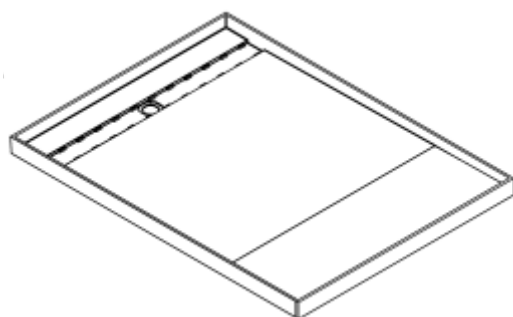
1703068
Posh Solus TT Waste Base Only 1200x900



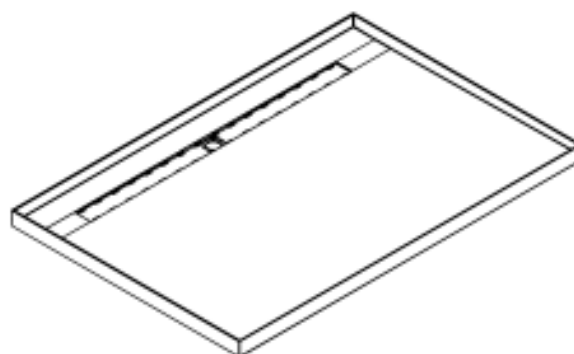
1703073
Posh Solus TT Channel Base Only 900x900



1703085
Posh Solus TT Channel Base Only 1200x900



1703074
Posh Solus TT Channel Base Only 900x1200



1703096
Posh Solus TT Channel Base Only 1500 x 1000

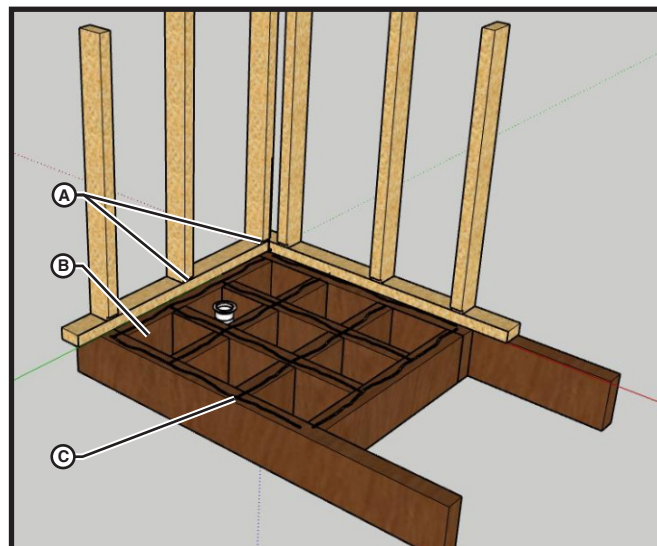
2. Installation Overview

FIGURE B:

2.1 Check out wall studs (A) as required.

2.2 For timber base Install support joists/trimmers (B) - Refer Section 3.
For concrete base - Refer also Section 3.

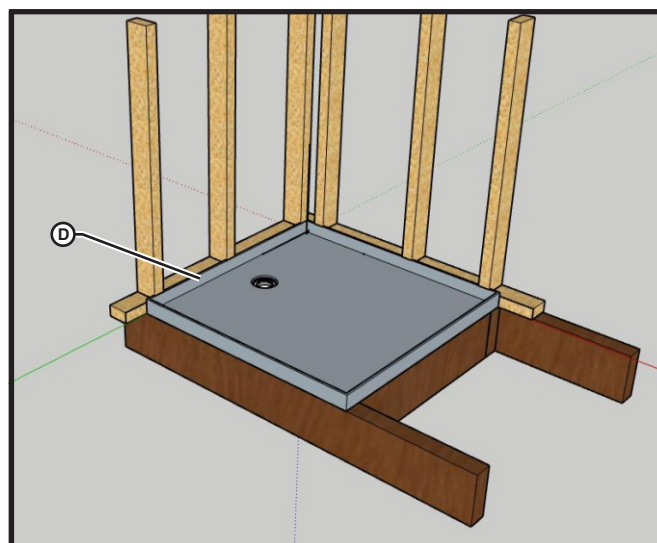
2.3 Apply a continuous bead of adhesive (C) to the underside perimeter of the tray.
Apply adhesive (C) to internal trimmers or concrete base as appropriate.
Refer Section 8 for recommended adhesives
For concrete base use mortar or slurry.



2.4 Trim Tile tray as required - Refer Section 4 and 5.

2.5 Attach waste outlet to tile tray (D) - Refer Section 9.

2.6 Install tile tray - Refer Section 3.



2.7 Install wall sheeting (E)
Refer manufacturers installation instructions.

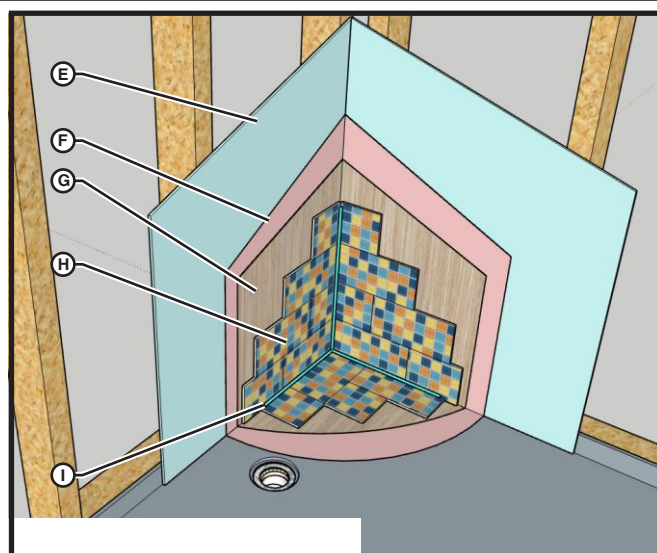
2.8 Install waterproofing (F) - Refer Section 6.

2.9 Install tile adhesive (G).

2.10 Install tiles (H).

2.11 Apply caulking material (I).

Refer Section 7.



3. Installation

Installation to Timber floor (Ground floor, 1st floor and above)

Preliminary

Ensure subfloor is sound and if required replace any timber that may be affected by weather damage or rotting.

Installing the tray - Refer also to installation diagrams – Figure D (Page 7)

- 3.1** Centre base on joists to be trimmed out. Tile Tray must be fully supported around all edges and also can span no greater than demonstrated in Figure C (Page 6).
Failure to follow floor detail will void warranty. Floor joists and trimmers must be flat, planing or sanding off any ridges is recommended before installation. Trim edges of base to support join of flooring and Tile Tray.
- 3.2** Ensure that the joists are level; the tile tray is designed with fall to the drain. If the joists are not level this may distort the base and affect the flow of water.
- 3.3** Install Waste outlet connector - Refer Section 9.
- 3.4** Install base with adhesive; apply a continuous bead to the underside perimeter of the tray.
Apply adhesive to trimmers as appropriate.
Ensure the adhesive has a clean surface to adhere to.
Always use a flexible adhesive when adhering to a substrate (e.g. Sikaflex-11FC) - Refer Section 8.
- 3.5** After installation onto the substrate, apply downward pressure and check the tile tray is level.
Ensure adhesive is fully cured before continuing the installation.
- 3.6** It is essential to test for water run off to the waste outlet prior to commencing the installation of the waterproofing and subsequent shower walls and tiling. This will ensure the tile tray is draining correctly. At times during installation and airlock may occur within the plumbing which can have an adverse effect on the drainage of the tile tray. If this occurs, it is recommended to use a plunger to remove this airlock.

Installation to Concrete Slab

Preliminary

Ensure the area is level and will allow water to flow to outlet when tray is installed
(NB : tray has in-built fall to waste).

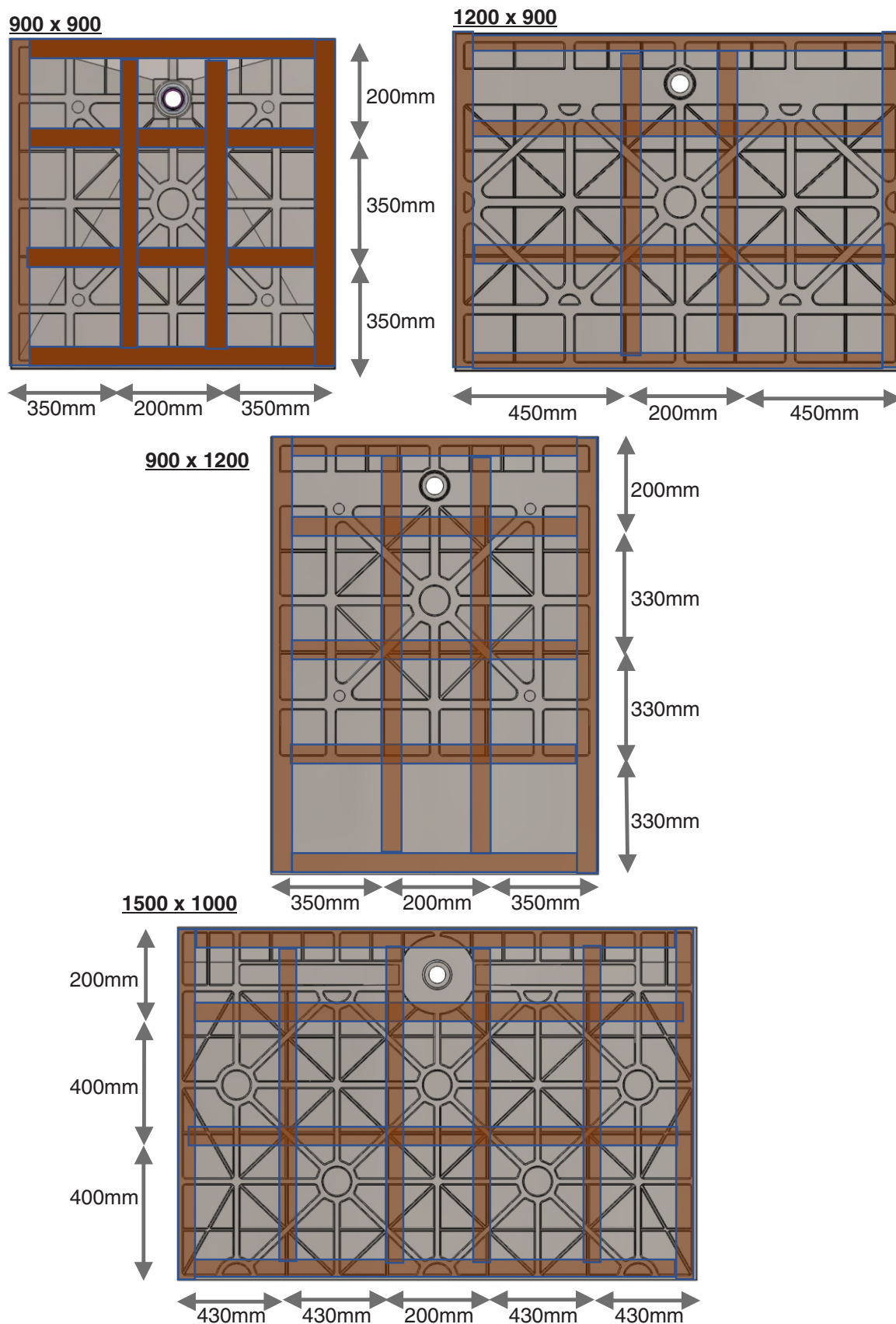
Installing the tray - Refer also to installation diagrams - Figure D (Page 7)

- 3.7** Tray must be installed on mortar bed or slurry.
- 3.8** Void area around outlet can be no greater than 300mm x 300mm.
- 3.9** After installation onto the substrate, apply downward pressure and check the tile tray is level.
Ensure mortar/slurry is fully cured before continuing the installation.
- 3.10** It is essential to test for water run off to the waste outlet prior to commencing the installation of the waterproofing and subsequent shower walls and tiling. This will ensure the tile tray is draining correctly. At times during installation and airlock may occur within the plumbing which can have an adverse effect on the drainage of the tile tray. If this occurs, it is recommended to use a plunger to remove this airlock.

3. Installation (Cont'd)

FIGURE B: Floor Joist Detail (Typical)*

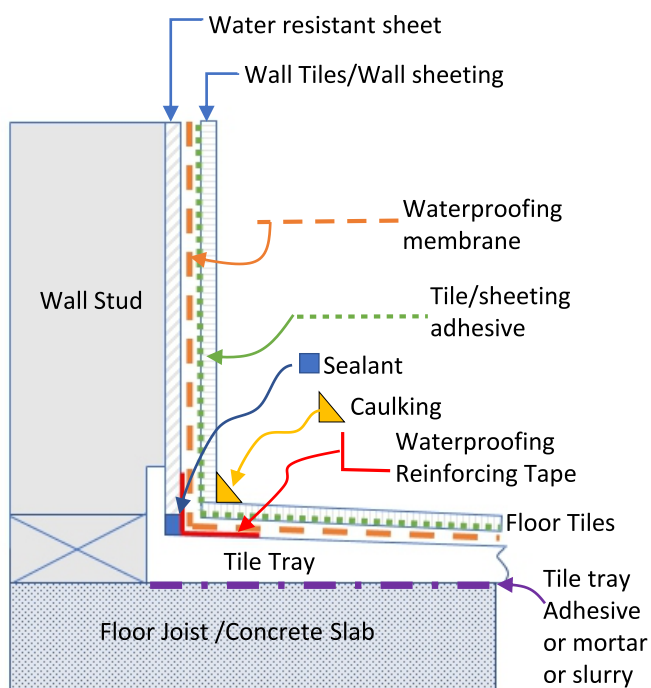
*NB; Minimum Joist/trimmer size = 90 x 35 F17



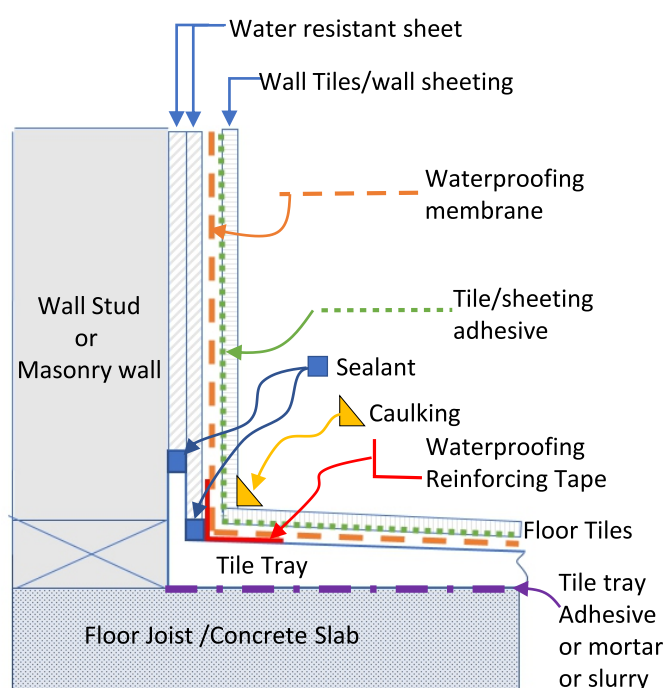
3. Installation (Cont'd)

FIGURE D: (Detail Typical)

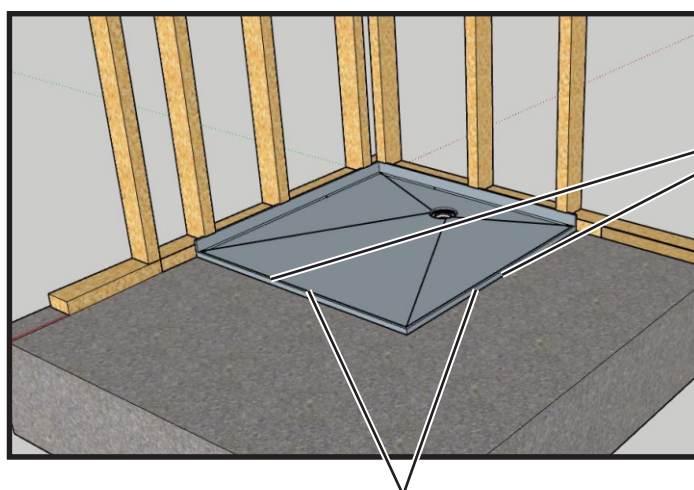
Checked In



Not Checked In



4. Trimming - Overview



4.1 Trim edges of tile tray as required. Refer trimming diagrams in Section 5 for typical examples.

It is recommended to use a diamond saw blade in a well-ventilated area.

Ensure that appropriate PPE is worn, such as eye protection and a dust mask.

4.2 Apply sealant at interface of the tile tray and the flooring/concrete.

4.3 Install waterstop and expansion joint at interface between tiles on the tray and tiles on the flooring/concrete.

4.4 Install waterproofing to conform to AS3740 - Refer Section 6.

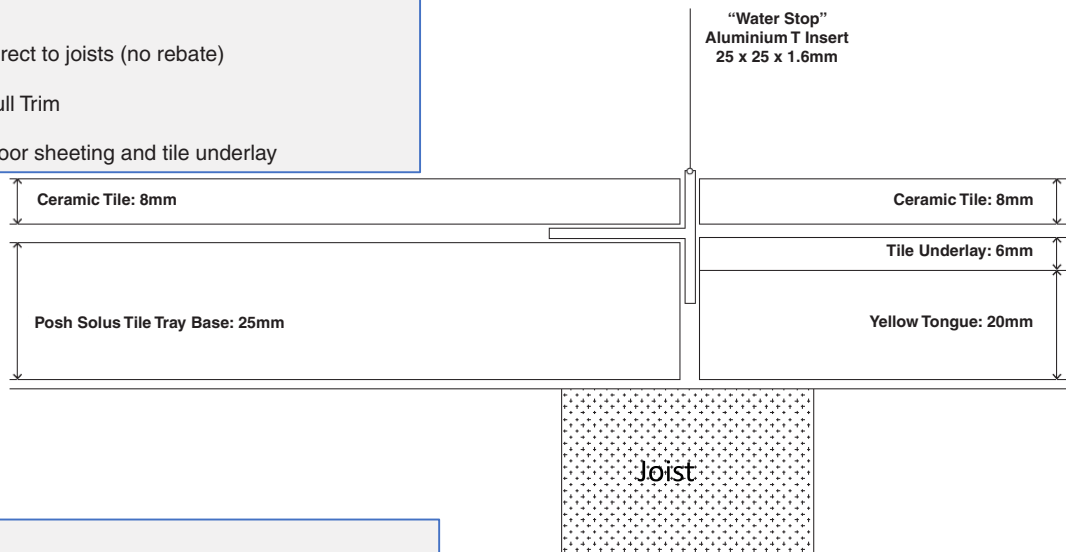
NB: A hob can also be incorporated if required

Hob is recommended to be placed on the Tile tray side of the interface.

5. Trimming Diagrams - Typical Examples

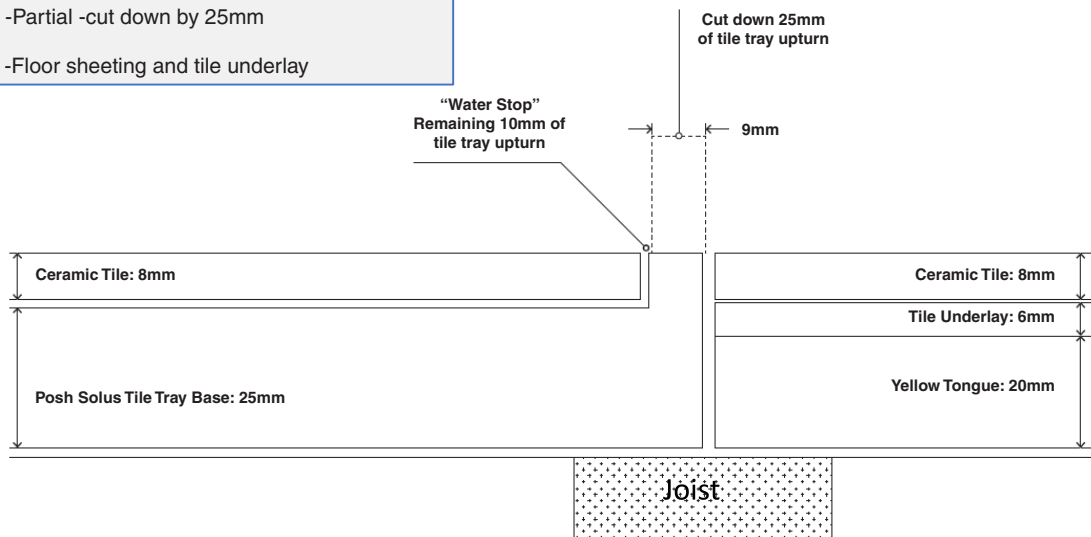
5.1 –Example 1

Tile tray installation	-Direct to joists (no rebate)
Tile tray trim	-Full Trim
Floor Substrate	-Floor sheeting and tile underlay



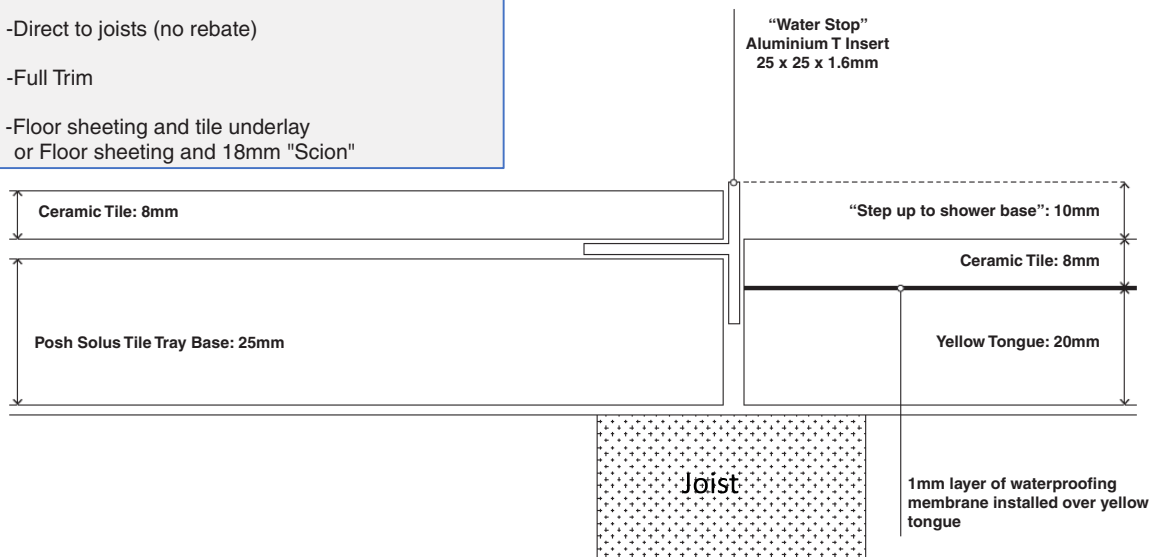
5.2 –Example 2

Tile tray installation	-Direct to joists (no rebate)
Tile tray trim	-Partial -cut down by 25mm
Floor Substrate	-Floor sheeting and tile underlay



5.3 –Example 3

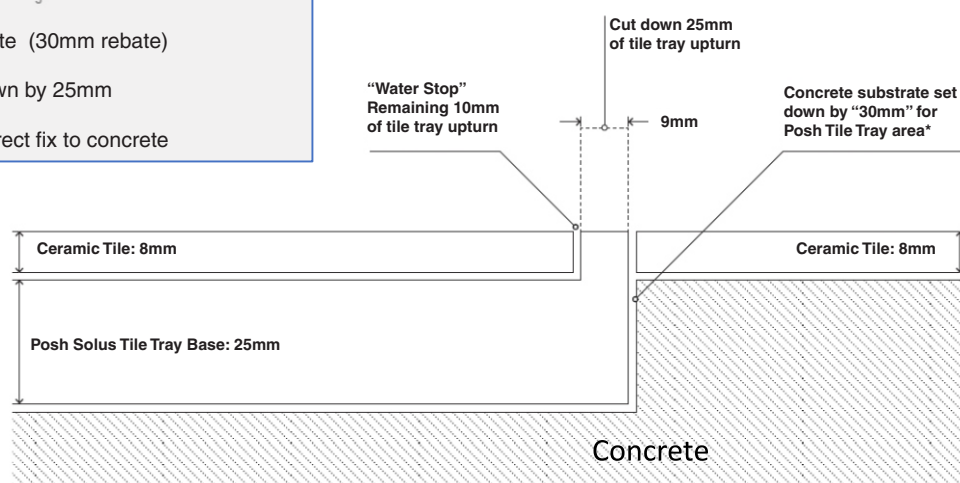
Tile tray installation	-Direct to joists (no rebate)
Tile tray trim	-Full Trim
Floor Substrate	-Floor sheeting and tile underlay or Floor sheeting and 18mm "Scion"



5. Trimming Diagrams - Typical Examples (Cont'd)

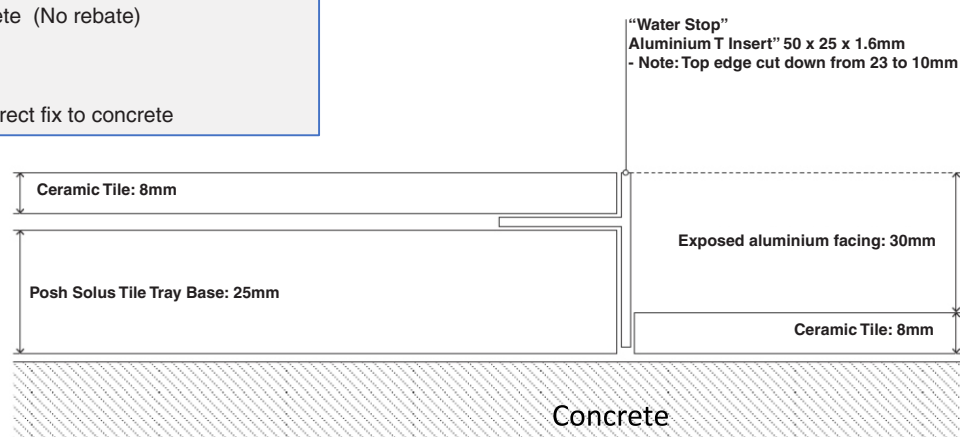
5.4 –Example 4

- Tile tray installation -Direct to concrete (30mm rebate)
- Tile tray trim -Partial -Cut down by 25mm
- Floor Substrate -Ceramic tiles direct fix to concrete



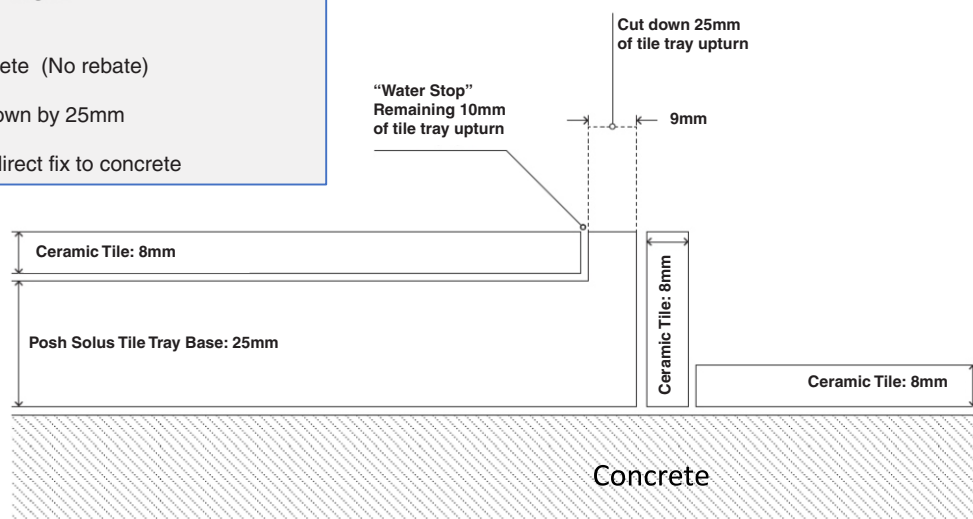
5.5 –Example 5

- Tile tray installation -Direct to concrete (No rebate)
- Tile tray trim -Full Trim
- Floor Substrate -Ceramic tiles direct fix to concrete



5.6 –Example 6

- Tile tray installation -Direct to concrete (No rebate)
- Tile tray trim -Partial -Cut down by 25mm
- Floor Substrate -Ceramic tiles direct fix to concrete



6. Waterproofing

Professional waterproofing contractors should be used to ensure compliance with Australian Standard AS 3740-2010.

Note that insurers may void claims if the installation does not comply with AS3740.

All the joints between the tray and the floor/walls must be waterproofed using one of the approved waterproofing systems as recommended - Refer Page 10.

It is also recommended that the waterproofing cover the entire surface of the tile Tray.
Do not waterproof in the area immediately around the waste outlet so as not to block water drainage
Refer AS3740.

7. Tiling

Preliminary

Ensure tray is clean from dirt and dust, using methylated spirits will assist in removing dust.
Allow to dry before commencement of installation.
Refer Page 9 For recommended tiling adhesives and grout systems.

- 7.1** Rough up the surface of the Tile Tray using 80 grit sandpaper.
- 7.2** Apply primer over the tile tray surface and allow to dry as per primer manufacturers instructions.
- 7.3** Apply tile adhesive glue over the primer and bed down tiles using the required tile spacing distance as per job requirement (i.e.: 2mm or 4mm).
- 7.4** Allow tile adhesive to dry from minimum 24hrs prior to grouting.
- 7.5** Install grouting.
- 7.6** Install Caulking at interface between walls and floor.

8. Adhesives & Waterproofing Products

For installation of the tray to the floor the approved adhesives are;

Sika	Sikaflex 11FC
Selleys	Flexiseal FC
Loctite	PL PREMIUM CONSTRUCTION ADHESIVE

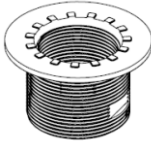
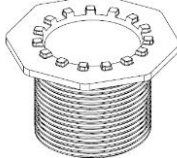


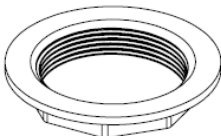
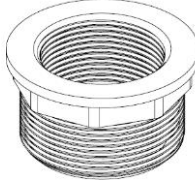
For waterproofing and tiling the following products are approved for use with Posh Tile Tray.
Please contact relevant suppliers to obtain detailed instructions and data sheets.

	Priming	Waterproofing	Tiling	Contact
ATA	Aus-Bond Ultra Prime	Aqua-Flex WPM C3 Aqua-Proof WPM C3 Aqua-Stick 80 & 1000 Aqua-Fab & Aqua-Band	Aus-Flex Multi Commercial Aus-Crete Premium Industrial	Australasian Tiling Adhesives Mobile: 0448 404 333, Email: admin@ata.com.au , Web: ata.com.au PO Box 6468, Footscray West, Victoria 3012
MAPEI	EcoPrim Grip	Mapelastic Smart	Refer MAPEI	MAPEI Pty Ltd Ph : 07 3276 5093, e: Technical-AU@mapei.com.au, Web: mapei.com 180 VIKING DRIVE, WACOL, QLD 4076
DUNLOP	Shower tray = Dunlop Bond Coat Walls and porous surfaces = Dunlop Multi-Purpose Primer	Dunlop Express Wet Area Tape Dunlop Express Wet Area waterproofing membrane	Dunlop Universal tile adhesive Dunlop Trade Resaflex tile adhesive Dunlop Flexible Coloured Grout	ARDEX Australia Pty Ltd 02 9851 9199 ARDEX Technical Services Hotline 1800 224 070 www.ardexaustralia.com 20 Powers Road Seven Hills NSW 2147
ABA	Shower tray = ABA Abaprime Walls and porous surfaces = ARDEX Multiprime	ARDEX STB Tape ABA Waterproofer Rapid	ABA Powerstik Plus ARDEX FG8 - Sanded cement based grout	
ARDEX	Shower tray = ARDEX P9 Walls and porous surfaces = ARDEX Multiprime	ARDEX STB Tape ARDEX WPM155 Rapid	ARDEX X18 ARDEX X17 ARDEX FG8 - Sanded cement based grout	

All Waterproofing systems are to be installed in accordance with best practice and the requirements of appropriate building codes and AS3740.

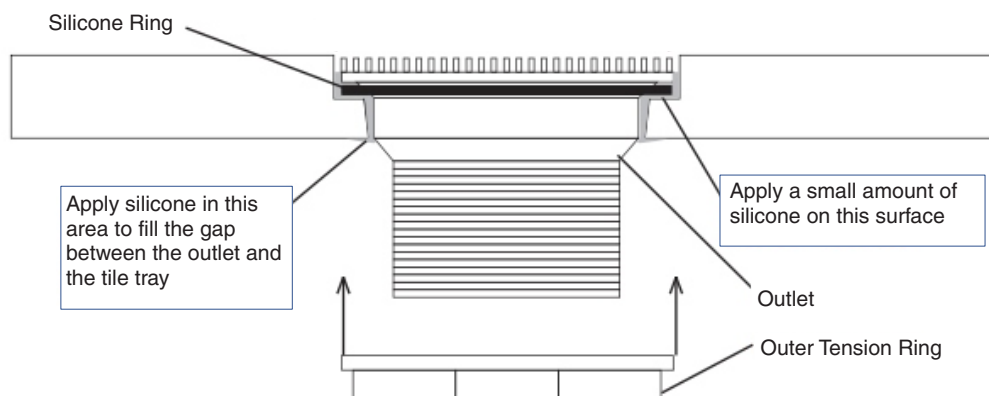
9. Waste Outlet Connector

Waste outlet Connector (Puddle Flange) For Tile Tray

Outlet		
Silicone Gasket		
Outer Tension Ring		
	Suits Centre Rear	Suits Rear Grate

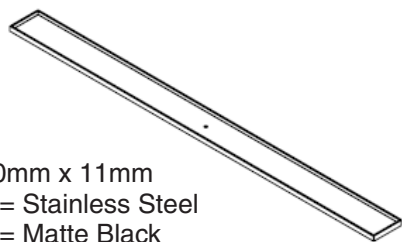
Waste outlet Installation - recommended method

1. Remove outer tension ring and silicone gasket from the assembly.
2. Apply a thin layer of silicone to the outlet area and place the silicone gasket onto the wet silicone.
3. Place the outlet into the tile tray outlet hole, ensuring that the sealing ring is between the outlet and the outlet hole.
4. Apply silicone to the underside of the outlet hole between the outlet and the tile tray
5. Replace the tension ring from the underside of the tile tray screwing in a clockwise direction.
6. Tighten the tension ring with a spanner, do not over tighten.
7. Attach plumbing connection to the outlet.
8. Check for water tightness, tighten further if necessary data sheets

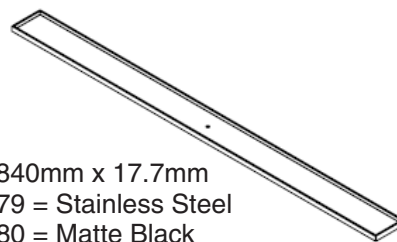


NB : The installation of the Waste Outlet Connector is the responsibility of the installer to ensure a water tight seal between the tray, Waste Outlet Connector and the plumbing connection. The manufacturer can only supply recommended methods of installation.

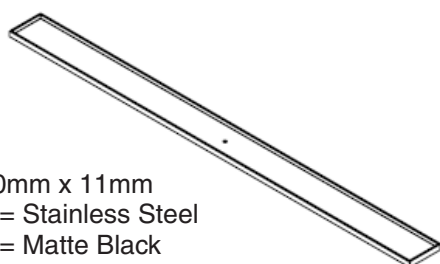
10. Outlets & Grates Tile Insert Grates



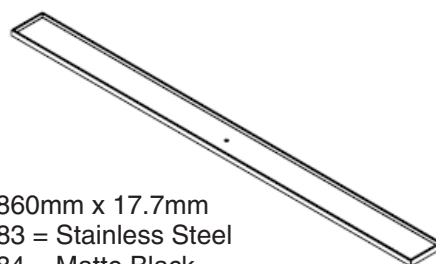
Grate 840mm x 11mm
1703077 = Stainless Steel
1703078 = Matte Black



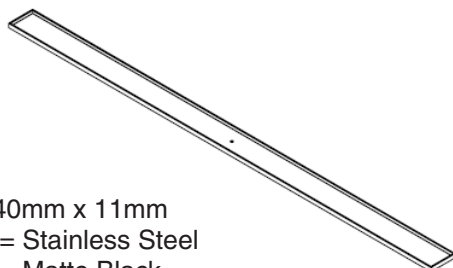
Grate 840mm x 17.7mm
1703079 = Stainless Steel
1703080 = Matte Black



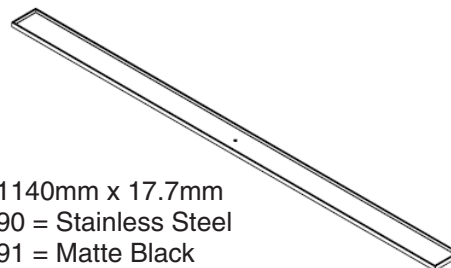
Grate 860mm x 11mm
1703081 = Stainless Steel
1703082 = Matte Black



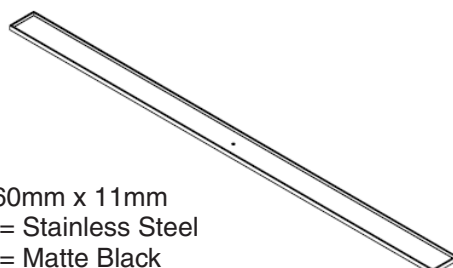
Grate 860mm x 17.7mm
1703083 = Stainless Steel
1703084 = Matte Black



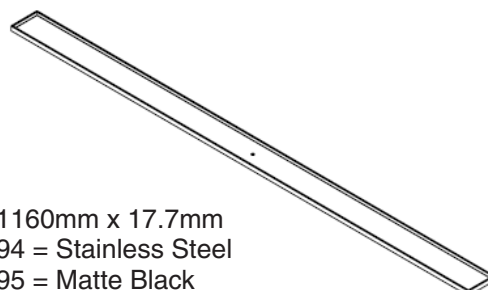
Grate 1140mm x 11mm
1703088 = Stainless Steel
1703089 = Matte Black



Grate 1140mm x 17.7mm
1703090 = Stainless Steel
1703091 = Matte Black



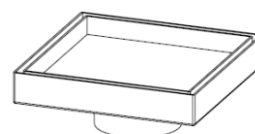
Grate 1160mm x 11mm
1703092 = Stainless Steel
1703093 = Matte Black



Grate 1160mm x 17.7mm
1703094 = Stainless Steel
1703095 = Matte Black

Note:

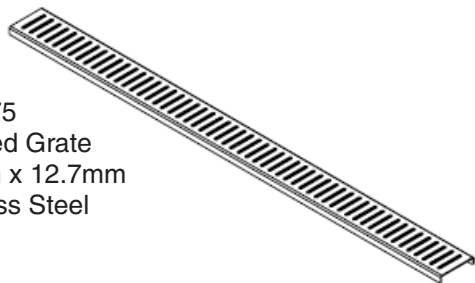
- 840mm and 1140mm grates suit 3 wall shower.
- 860mm and 1160mm grates suit corner shower.
- 11mm depth grate suits 0 – 8mm tile thickness.
- 17.7mm depth grate suits 9mm + tile thickness.



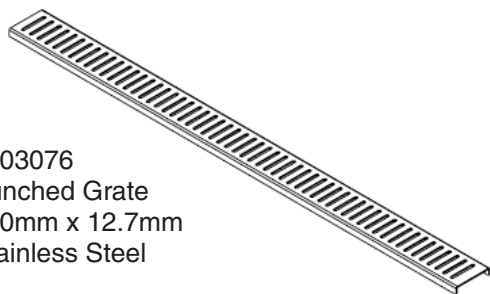
Grate 100 x 100 x 12.3
1703069 = Stainless Steel
1703070 = Matte Black

10. Outlets & Grates (Cont'd) Punched Grates

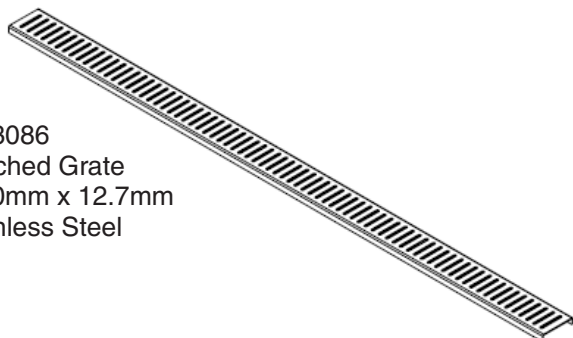
1703075
Punched Grate
840mm x 12.7mm
Stainless Steel



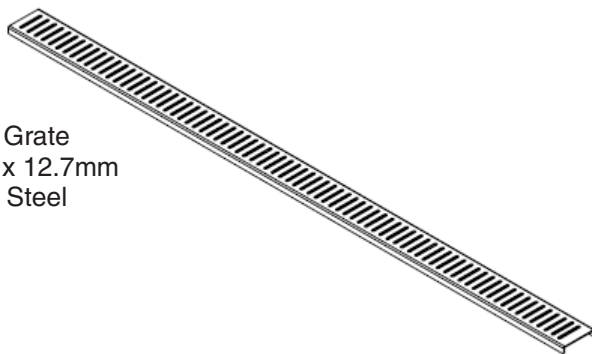
1703076
Punched Grate
860mm x 12.7mm
Stainless Steel



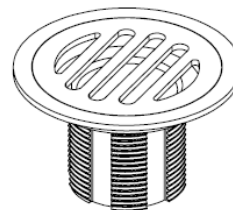
1703086
Punched Grate
1140mm x 12.7mm
Stainless Steel



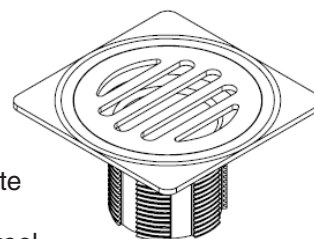
1703087
Punched Grate
1160mm x 12.7mm
Stainless Steel



1703071
Round Grate
50mm
Stainless Steel



1703072
Square Grate
50mm
Stainless Steel



Note:

- 840mm and 1140mm grates suit 3 wall shower.
- 860mm and 1160mm grates suit corner shower.

Plumbers, please ensure a copy of the installation instruction is left with the end user for future reference.