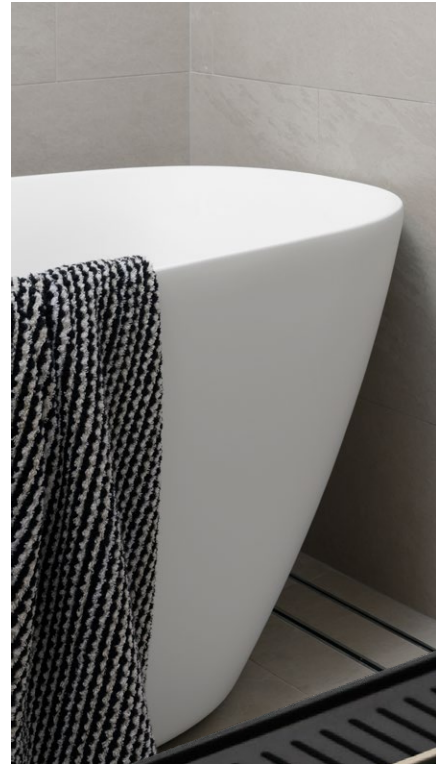


INSTRUCTIONAL INSTALLATION GUIDELINES

May, 2026



lauxes
GRATES

www.lauxesgrates.com.au



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PART 1

GENERAL INSTALLATION GUIDELINES



1. Introduction

These guidelines are designed to reflect some common installation scenarios applicable nationwide within Australia. The guidelines act as an aid for installation of grates and wastes, to be installed by Australian licensed plumbers.

The purpose of these guidelines are to provide guidance on the installation of Lauxes Grates products for the sole intent of ensuring that where Lauxes Grates products are used for floor grating, grating surround, drain body or tile-insert type grating, the products do not come into direct contact with wet cement or concrete.

In all scenarios listed in these guidelines, careful consideration must be given to the application of materials, brands, specified constructions parameters, requirements of local councils and by-laws as well as regulatory requirements.

All scenarios in these guidelines are suitable for the requirements and fall under applicable Australian Standards. In the event of any inconsistency between these guidelines and any Australian Standards, the Australian Standards prevail.

Ref: AS 3740:2021 Waterproofing Requirements
AS/NZS 3500.1:2021 Plumbing Acts & Regulations
AS 3958-2007 Tiling Code of Practice

*All WaterMark-certified products are legally required to be installed by a licensed plumber.

Key Notes:

- All Lauxes grates are certified under the WaterMark Certification Scheme.
- Please refer to cutting instructions for information on how to cut your grate / tile insert.
- Several of the most common installation scenarios have been included. There are various other scenarios that have not been included but all follow the same recommendations. Please call 1300 214 510 should you need further information.
- In all scenarios, Lauxes Grates should not come into contact with wet cement or screed.
- Cleaning should take place following the installation of the grate. Any visual deposits must not be allowed to dry on the grate. This can be easily removed with a soft nylon cloth or soft bristle brush. Please refer to product care and cleaning for more information.
- Ensure you use a complete grate kit when installing your grate. This includes two end caps and waste outlet. Check your local area for plumbing size requirements.

2. Quick Guide for Installation Instructions

2.1 Quick Tips



At no time is the grate to be in contact with any wet cement.



Use a template that is 10-20mm wider than the grate for any screeding or concreting work when making the provision space (**do not use grate**).



Grate does not form part of the waterproofing.

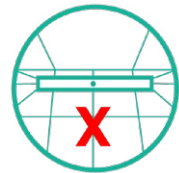


Only use neutral-cure silicone for all assembly.



Once tiling and grouting have been completed you are ready to install your grate (**GRATE SHOULD BE INSTALLED LAST**).

**Do not install grates before wall tiling. We recommend that end caps are not covered by or installed behind wall tiles.*



For a seamless look, Lauxes grates are designed to be installed from **wall to wall** (see illustration).

2.2 Cutting Your Grate



Step 1.

Cut the bottom tray 3mm shorter (Thin End Caps) or 10mm shorter (Thick End Caps) to achieve the desired overall length of the finished grate.



Step 2.

Cut the top grate 1mm shorter than the bottom tray's internal length to allow easy roll-out. When using Internal End Caps, cut 22mm shorter than the bottom tray internal length to maintain the roll-out feature. Secure internal end caps with silicone.



Step 3.

Using a suitable size Lauxes hole saw, drill out the hole at the required position to align with the waste pipe in the floor.

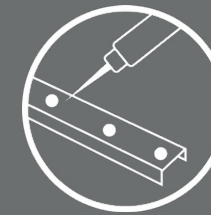
Step 4.

Apply neutral cure silicone to end of grate before inserting end caps and finish off with a bead of neutral cure silicone on the outside of the tray, making sure to clean inside of tray from any left-over silicone.

Step 5.

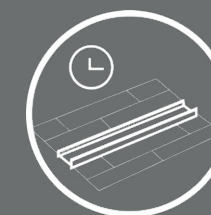
Apply neutral cure silicone around the lip of the waste outlet and secure to the underside of bottom tray at the recently drilled hole.

2.3 Securing Your Grate



Step 1

Now using large blobs of neutral cure silicone every 100mm or so on the underside of the grate, secure in provision provided. This allows any trapped water to escape to the puddle flange.



Step 3

Ensure grate is installed perfectly level and allow neutral cure silicone blobs to dry.



Step 2

Clean any building material off grate immediately before it dries.



Step 4

Finally, (once blobs of silicone are dry) using a neutral cure silicone same color as your grout, silicone around edge of grate for perfect finish.

3. Product Care Information

As with any finished building material, your Lauxes anodised aluminium floor grate requires cleaning to function at its best. Leaving the clear, plastic wrapping on until the last minute will also help minimise the risk of any harsh or abrasive elements touching the grate/and or tile.

Construction soils such as mortar and wet concrete must not come in contact with the grate and a template (ie wooden block or old grate) should be used to allow for provision of the grate while all concreting is undertaken (See page 3 for quick tips)

3.1 Initial cleaning

This cleaning should take place after installing your Lauxes linear floor grate and shall involve the removal or wiping of dust, dirt, silicone or any form of visual “deposits” that sit on the anodised surface. These can quickly be removed with a dry or damp cloth (See page 6 for quick tips)

***Do not let any construction material dry/set on your grate during installation. This must be cleaned off ASAP.**

3.2 Cleaning

Our easy roll-out system, as featured in the Tile Insert, NXT and Shadow, enables the consumer to roll back the top grate for easy cleaning underneath.

Anodised finish should be washed down on a regular basis (at least once every three months in less severe applications and more often in marine or industrial applications). The soot and grime which builds up gradually on the surface from time to time contains moisture and salts which will adversely affect the anodised finish over long periods of time and should be removed often.

Whilst the shower recess is in constant use of water flowing through, outdoor applications such as balconies and around the pool areas would benefit from the occasional hose down throughout the year to prevent any build-up of external elements such as dirt, sitting on the grate for an extended period.

Soapy water is the recommended method of cleaning. Mild detergents can be used to wipe and remove any matter or debris caught in drainage area. Using a mild cloth (nylon cleaning pad or brush) to run over surface and warm water to rinse and dry with clean cloth.

Do not use abrasive or harsh chemicals such as acidic products on the grates. Also, do not use excessive force to remove any stubborn marks.

Although triple bath anodised aluminium possesses exceptional resistance to corrosion, discolouration and wear; harsh chemicals and elements can tamper with its overall appearance. For example, construction soils such as mortar or acid should never come in contact with the grate, but if they do, they should be removed as soon as possible and not allowed to dry. Other aggressive alkaline or acidic products should not be used either.

4. Warranty Information

Lauxes grates are carefully designed and manufactured to the highest standard with meticulous attention to detail. It is because of this care we stand behind your recently purchased unique, cost effective and rust proof product.

Damages arising from improper/insufficient/negligent care or installation not in accordance with AS/NZS 3500.2 or manufacturers specifications will void the product warranty.

If at any time the product itself should develop any defect, Lauxes Grates agrees to correct the defect(s) without charge to the registered purchaser. This guarantee does not provide coverage of repairs necessitated by normal wear, misuse, accidental damage or as a result from changes in temperature.

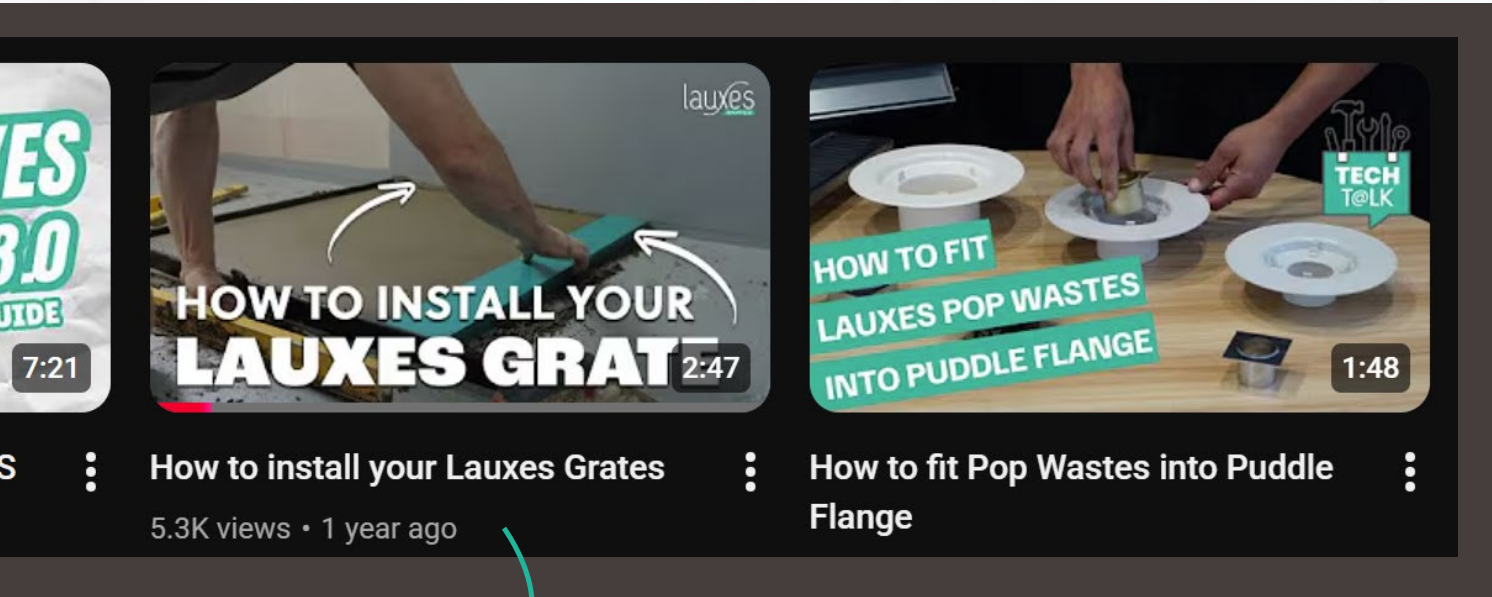
Rustproof Warranty

All Lauxes floor grates include a lifetime rustproof warranty for the original purchaser. This warranty ensures that if any part of the installed Lauxes floor grate* experiences rust affecting the structural integrity of the grate, Lauxes Grates will replace the affected product or component at no cost to the consumer, provided the following conditions have been met:

- Lauxes floor grates must be installed by a licensed plumber in accordance with AS 3740-2010.
- An initial clean must be completed immediately after installation, as outlined in our Product Care guidelines.
- No metal debris or metallic materials are to be left on, or in contact with the grate.



5. Product Resources



Scan to learn
HOW TO INSTALL LAUXES GRATES
& discover more videos on our YouTube channel

PRODUCT SPECIFICATIONS	
Product	Simline Tile Insert 21 (ST121)
Code	ST121-S-5.6, ST121-M-5.6, ST121-G-5.6, ST121-BN-5.6
Colours Available	Silver, Midnight, Gold, Brushed Nickel
Length	5600mm
Width	300mm
Depth	21mm
Material	Anodised Aluminium
Weight	7.8kg
Applications	Indoor and Outdoor
Features	<ul style="list-style-type: none">• Thinnest Tile Insert available• Suitable for tiles up to 10mm thick• Easy roll out feature for cleaning and maintenance• Lifetime Rustproof Warranty• UV Stable
Scope of Use	DN90 72mm and 80mm
Load Rating	Class B - Maximum Load at 10.2 tons

Minimum 72mm waste outlet recommended

* Total length of full grate is 5.8m, total usable length is 5.6m to allow for any wastage during the anodising process.

* Regular, gentle cleaning with soapy water is recommended. Do not use abrasive cloths or acidic chemicals on the grates.

Warranty information and Care & Maintenance can be found at www.lauxesgrates.com.au

PRODUCT SPECIFICATIONS	
Product	NeXT Generation 14 (NXT14)
Code	NXT14-S-5.6, NXT14-M-5.6, NXT14-G-5.6, NXT14-BN-5.6
Colours Available	Silver, Midnight, Gold, Brushed Nickel
Length	5600mm
Width	100mm
Depth	14mm
Material	Anodised Aluminium
Weight	8.0kg
Applications	Indoor and Outdoor
Features	<ul style="list-style-type: none">• No bedding required• Thick as tile and glue• Anti-water tracking design• Easy roll out feature for cleaning and maintenance• Lifetime Rustproof Warranty• UV Stable
Scope of Use	DN90 40mm, 50mm, 72mm and 80mm
Load Rating	Class B - Maximum Load at 10.2 tons

* Total length of full grate is 5.8m, total usable length is 5.6m to allow for any wastage during the anodising process.

* Regular, gentle cleaning with soapy water is recommended. Do not use abrasive cloths or acidic chemicals on the grates.

Warranty information and Care & Maintenance can be found at www.lauxesgrates.com.au

PRODUCT SPECIFICATIONS	
Product	Storm Water Tile Insert (SWT128)
Code	SWT128-M-5.6
Colours Available	Midnight
Length	5600mm
Width	128mm
Depth	19mm (Top Only)
Material	Anodised Aluminium
Weight	13.0kg
Applications	Outdoor
Features	<ul style="list-style-type: none">• Sleek Design• Easy Installation• High Water Flow• Suitable for tiles up to 13mm thick• Lifetime Rustproof Warranty• UV Stable• Replacement Top Only
Scope of Use	Class B - Maximum Load at 10.2 tons

Length of full grate is 5.8m, total usable length is 5.6m to allow for any wastage during the anodising process.

Length of full grate is 5.8m, total usable length is 5.6m to allow for any wastage during the anodising process.

Warranty information and Care & Maintenance can be found at www.lauxesgrates.com.au

PRODUCT SPECIFICATIONS	
Product	Standard Floor Grate (SFG20)
Code	SFG20-S-5.6, SFG20-M-5.6, SFG20-G-5.6, SFG20-BN-5.6
Colours Available	Silver, Midnight, Gold, Brushed Nickel
Length	5600mm
Width	70mm
Depth	23mm
Material	Anodised Aluminium
Weight	8.0kg
Applications	Indoor and Outdoor
Features	<ul style="list-style-type: none">• Customisable lengths when cut with a drop saw• Joisters available for easy extension• Lifetime Rustproof Warranty• UV Stable
Scope of Use	DN50 40mm and 50mm
Load Rating	Class B - Maximum Load at 10.2 tons

* Total length of full grate is 5.8m, total usable length is 5.6m to allow for any wastage during the anodising process.

* Regular, gentle cleaning with soapy water is recommended. Do not use abrasive cloths or acidic chemicals on the grates.

Warranty information and Care & Maintenance can be found at www.lauxesgrates.com.au

FREQUENTLY ASKED QUESTIONS

- 1. Will Lauxes Grates rust?**

No. Made from anodised aluminium, all grates are rustproof and suitable for indoor and outdoor use.
- 2. How do I install Lauxes Grates?**

Installation is simple, with floor fall directing water to the drain. Scan to watch step-by-step installation videos.
- 3. Can grates be customised on site?**

Yes. Lauxes Grates can be cut, joined, and adjusted on site to suit your project.
- 4. Are Lauxes Grates heel safe?**

Yes. All grates except for the shadow line are designed with heel-safe openings for added safety.
- 5. What type of silicone should I use?**

Use a neutral cure silicone and avoid contact with acidic products like cement or grout during installation.
- 6. Do I need fall built into the grate?**

No. The floor should be graded towards the drain — the grate itself does not require built-in fall.



6 Installation Scenarios

6.1 Scenario 1

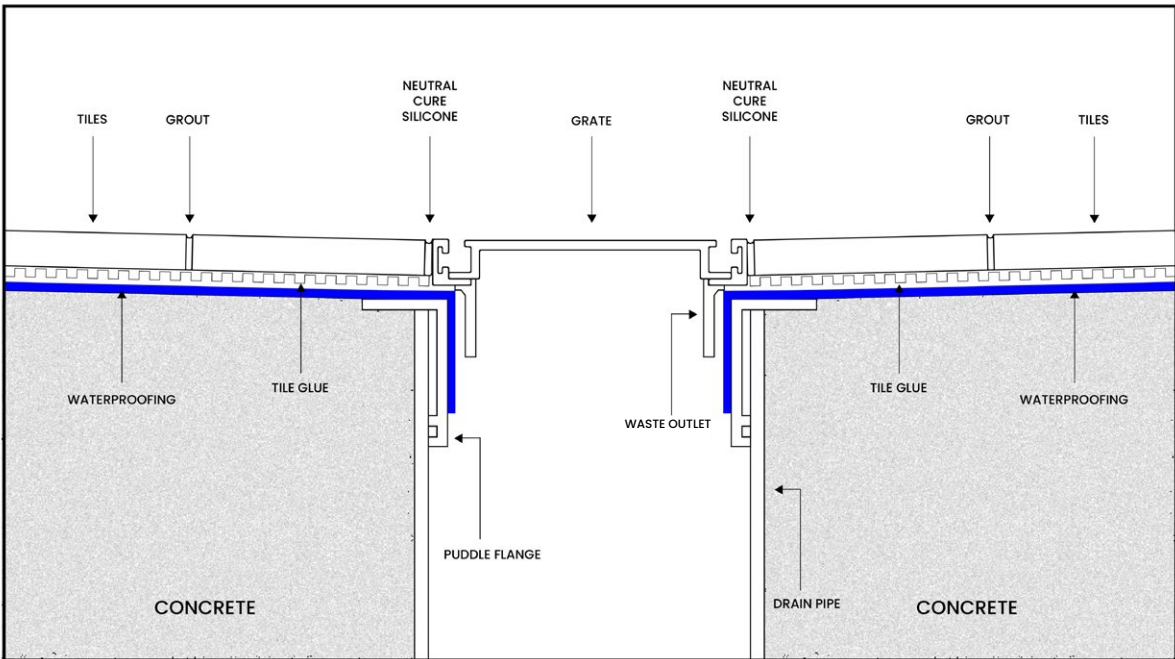
Instruction and typical installation of Scenario 1 shows an application of a concrete substrate surface layer. The surface would comprise of adhesion waterproofing membrane across the entirety of substrate into a pipe/puddle flange.

1. Tiles are directly adhered to waterproofing membrane.
2. The grate and waste are siliconed into the allocated provision using large blobs of neutral cure silicone. This allows any trapped water to escape to the puddle flange.
3. Neutral cure silicone wipes applied around the grate using a silicone gun.

Requirements:

- Lauxes Grates do not form part of the waterproofing process.
- Templates or suitable spacers (ie. timber block) must be in place while completing concreting to create the provision for the grate.
- Lauxes Grates must not come into contact with wet cement or screed.
- Lauxes Grates installations must be the final step in the flooring process.
- Cleaning should take place following the installation of the grate. Any visual deposits must not be allowed to dry on the grate. This can be easily removed with a soft nylon cloth or soft bristle brush.

SCENARIO 1



6.2 Scenario 2

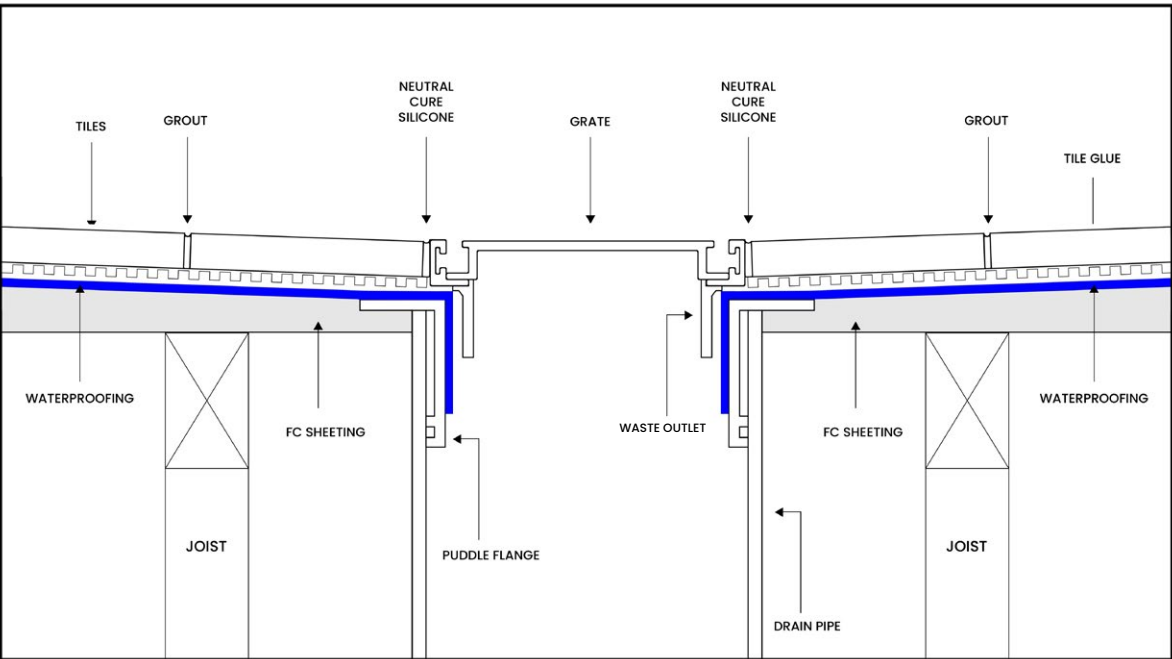
Instruction and typical installation of Scenario 2 shows an application of a fibre cement sheeting substrate surface layer. This surface would comprise of adhesion waterproofing membrane across the entirety of substrate and into a pipe/puddle flange.

1. Tiles are directly adhered to waterproofing membrane.
2. The grate and waste are siliconed into the allocated provision using large blobs of neutral cure silicone. This allows any trapped water to escape to the puddle flange.
3. Neutral cure silicone wipes applied around the grate using a silicone gun.

Requirements:

- Lauxes Grates do not form part of the waterproofing process.
- Templates or suitable spacers (ie. timber block) must be in place while completing concreting to create the provision for the grate.
- Lauxes Grates must not come into contact with wet cement or screed.
- Lauxes Grates installations must be the final step in the flooring process.
- Cleaning should take place following the installation of the grate. Any visual deposits must not be allowed to dry on the grate. This can be easily removed with a soft nylon cloth or soft bristle brush.

SCENARIO 2



6.3 Scenario 3

Instruction and typical installation of Scenario 3 shows an application of concrete substrate surface layer with a layer of screed to create the required fall towards the grate. This surface would comprise of adhesion waterproofing membrane across the entirety of substrate/screed and into a pipe/puddle flange.

Part A.

1. The template/spacer is placed in provision of the grate enabling screed comprising of sand/cement base to be formed in position.
2. Waterproofing layer

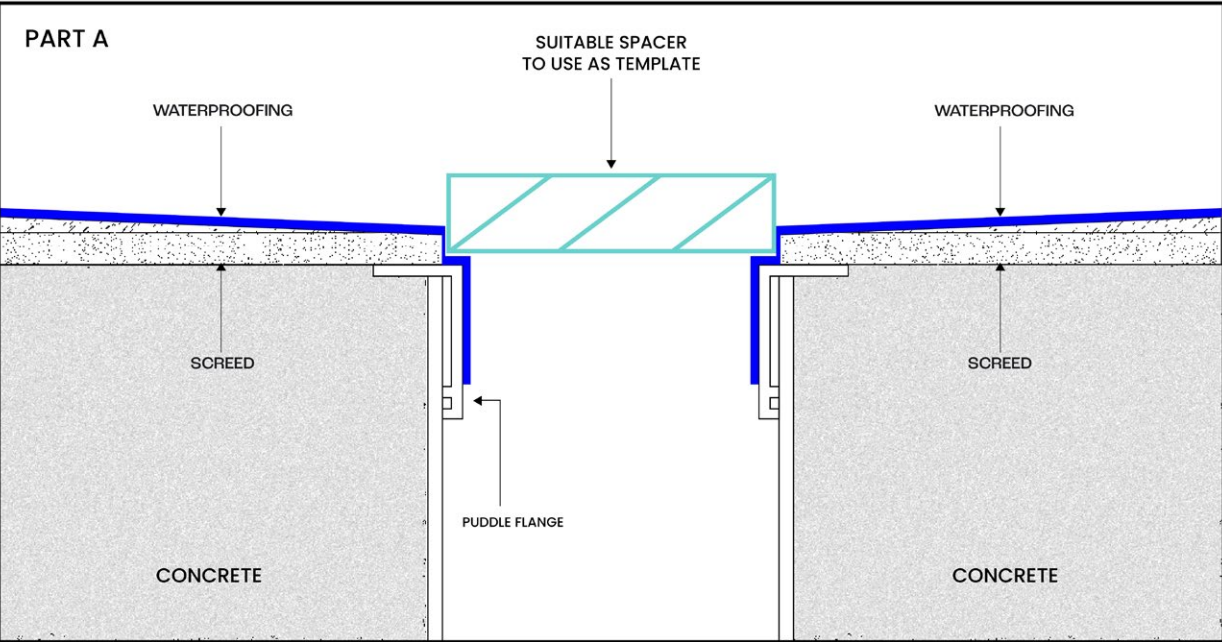
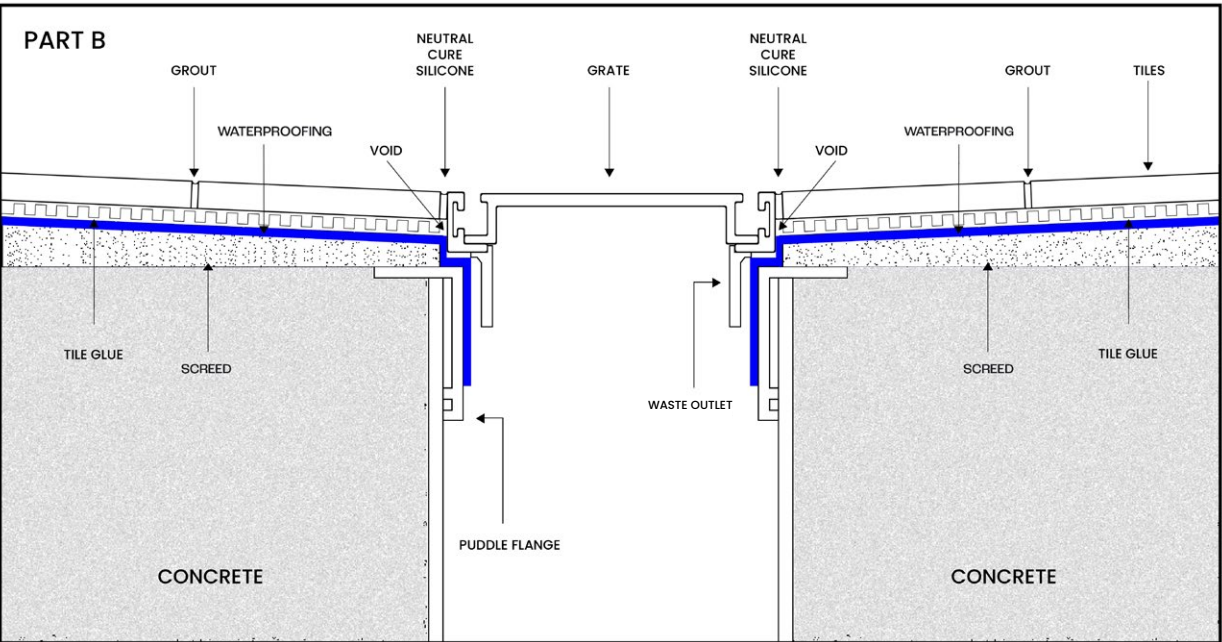
Part B.

3. Tiles are directly adhered to the waterproofing.
4. The grate and waste are siliconed into the allocated provision using large blobs of neutral cure silicone. This allows any trapped water to escape to the puddle flange.
5. Neutral cure silicone wipes applied around the grate using a silicone gun.

Requirements:

- Lauxes Grates do not form part of the waterproofing process.
- Templates or suitable spacers (ie. timber block) must be in place while completing concreting to create the provision for the grate.
- Lauxes Grates must not come into contact with wet cement or screed.
- Lauxes Grates installations must be the final step in the flooring process.
- Cleaning should take place following the installation of the grate. Any visual deposits must not be allowed to dry on the grate. This can be easily removed with a soft nylon cloth or soft bristle brush.

SCENARIO 3



6.4 Scenario 4

Waterproofing membrane is adhered to the concrete substrate as well as on top of the cured screed layer.

Instruction and typical installation of Scenario 4 shows an application of concrete substrate surface layer. This surface would comprise of adhesion waterproofing membrane across entirety of the substrate and into a pipe/puddle flange.

Part A

1. The template/spacer is placed in provision of the grate enabling screed comprising of sand/cement base to be formed in position.

Part B

2. Adhesion of a second layer of waterproofing membrane across the entirety of the cured screed.

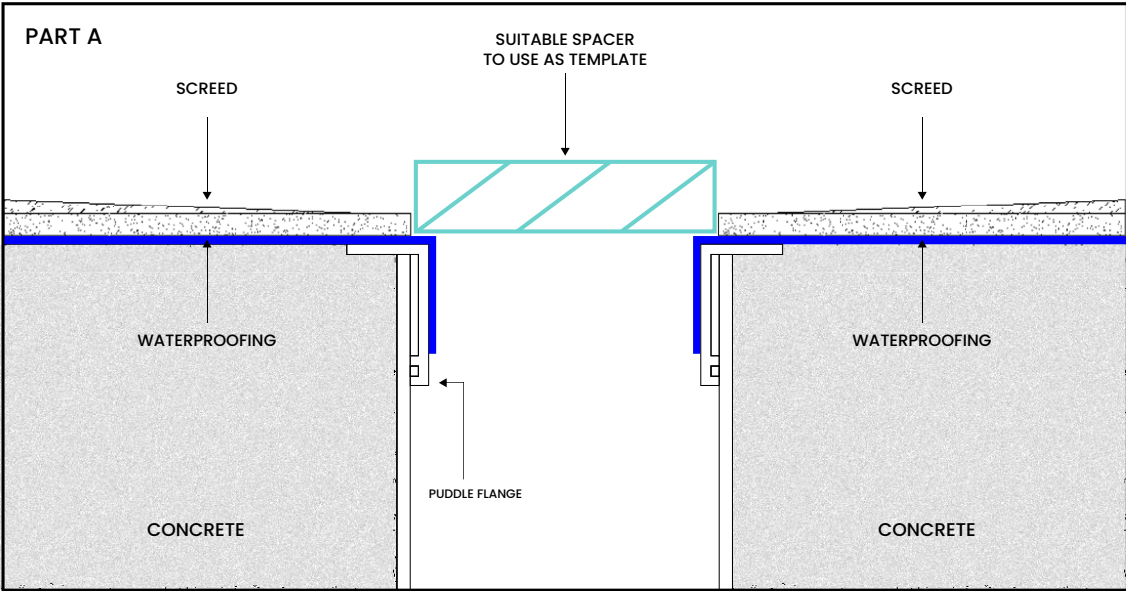
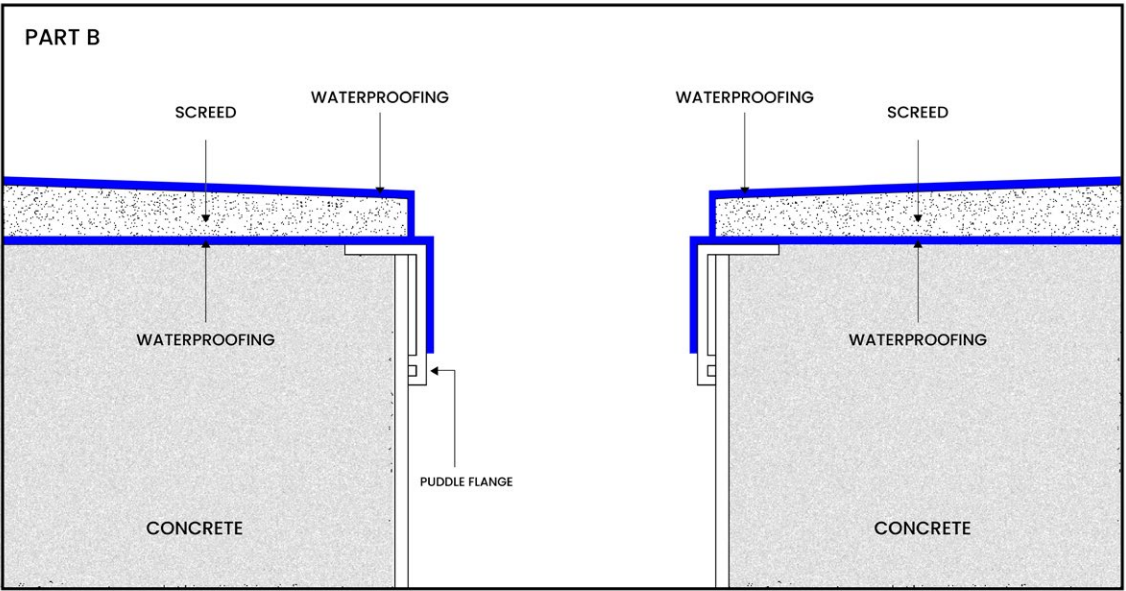
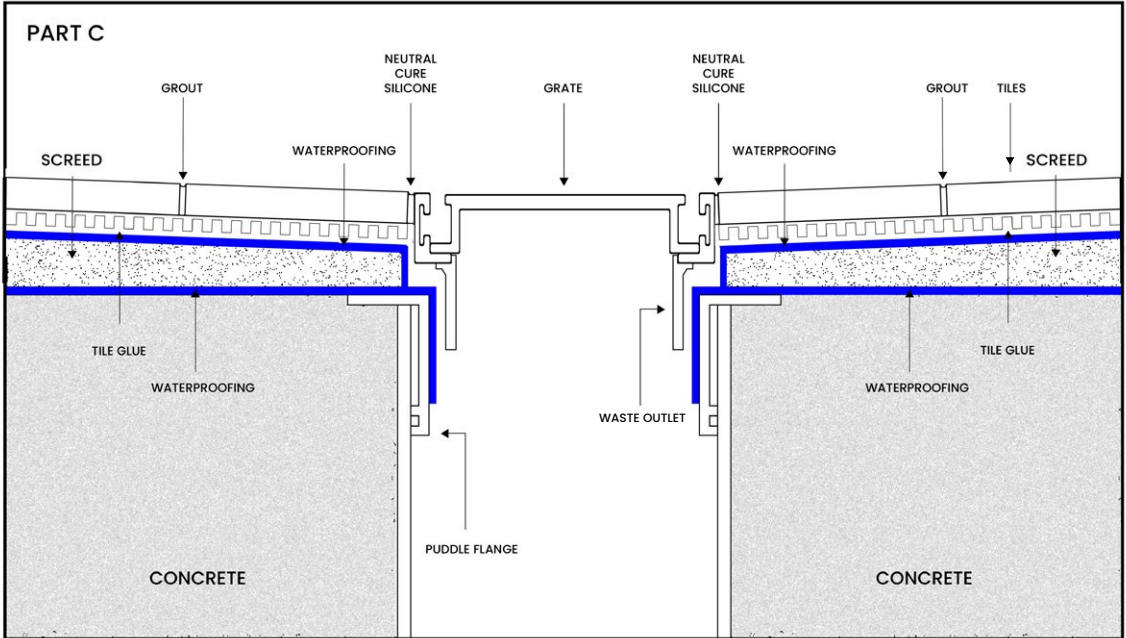
Part C

3. Tiles are adhered directly to the waterproofing membrane.
4. The grate and waste are siliconed into the allocated provision using large blobs of neutral cure silicone. This allows any trapped water to escape to the puddle flange.
5. Neutral cure silicone wipes applied around the grate using a silicone gun.

Requirements:

- Lauxes Grates do not form part of the waterproofing process.
- Templates or suitable spacers (ie. timber block) must be in place while completing concreting to create the provision for the grate.
- Lauxes Grates must not come into contact with wet cement or screed.
- Lauxes Grates installations must be the final step in the flooring process.
- Cleaning should take place following the installation of the grate. Any visual deposits must not be allowed to dry on the grate. This can be easily removed with a soft nylon cloth or soft bristle brush.

SCENARIO 4



6.5 Scenario 5

For outdoor applications

Instruction and typical installation of Scenario 5 shows an application of concrete substrate surface layer with no waterproofing.

Part A

- 1. A suitable template/spacer must be in place to allow provision for the grate.

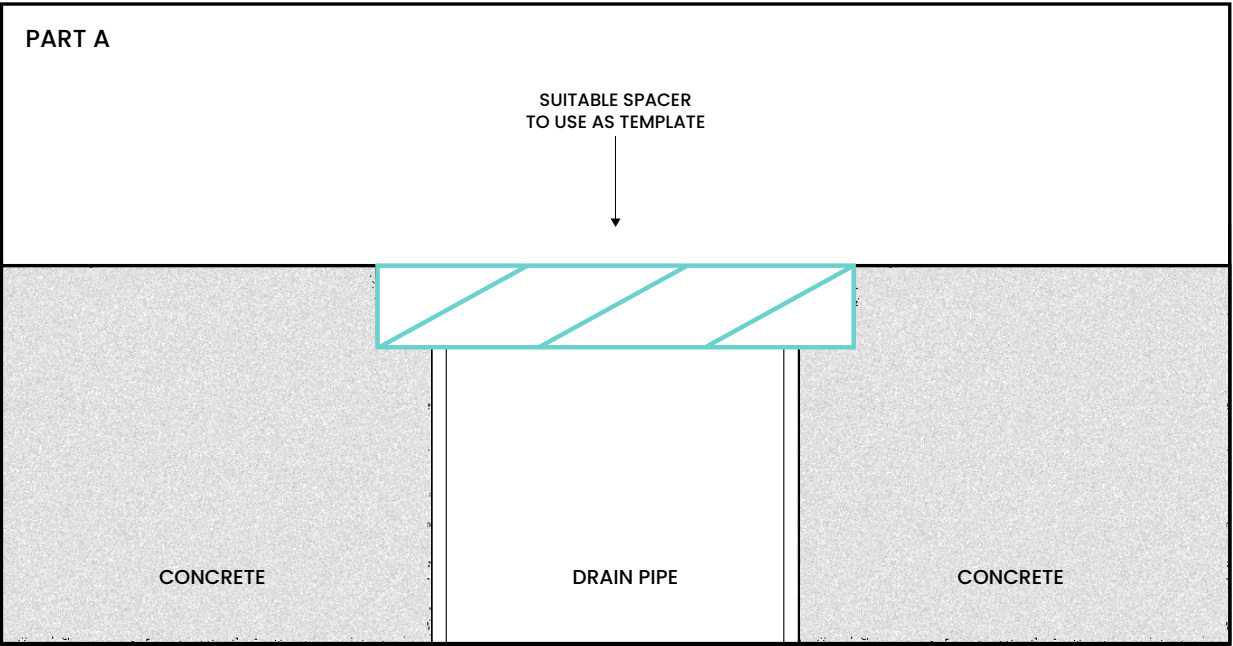
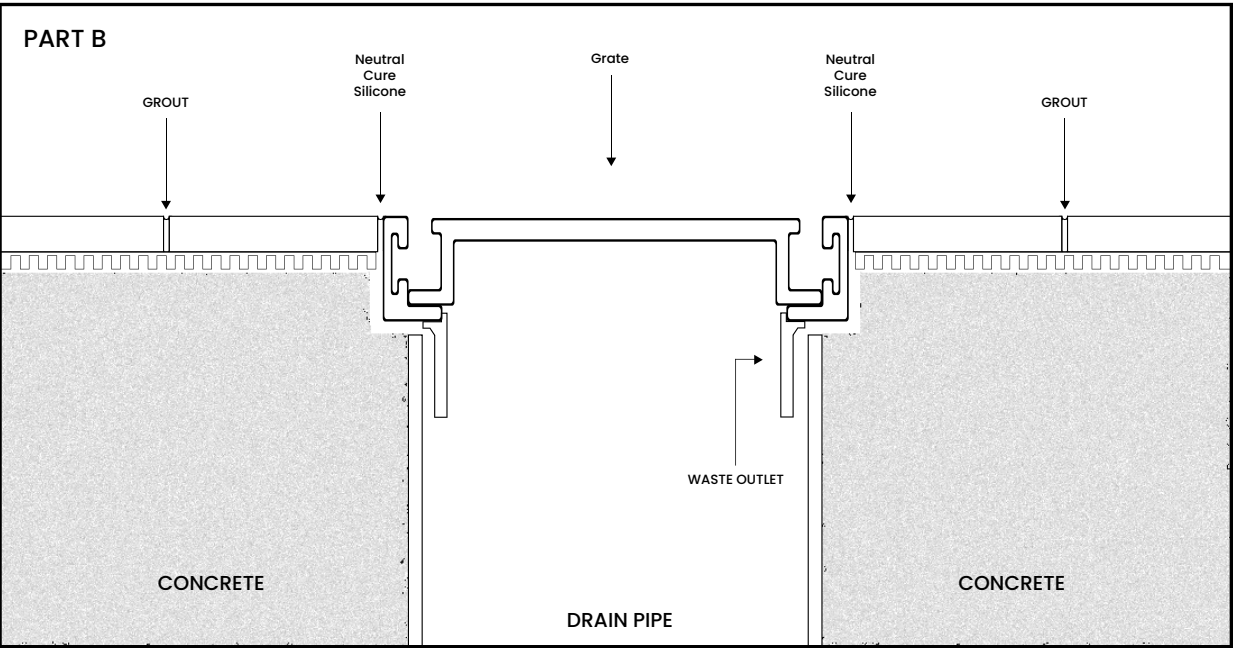
Part B

- 2. The grate and waste are siliconed into the allocated provision using large blobs of neutral cure silicone. This allows any trapped water to escape to the puddle flange.

Requirements:

- Lauxes Grates do not form part of the waterproofing process.
- Templates or suitable spacers (ie. timber block) must be in place while completing concreting to create the provision for the grate.
- Lauxes Grates must not come into contact with wet cement or screed.
- Lauxes Grates installations must be the final step in the flooring process.
- Cleaning should take place following the installation of the grate. Any visual deposits must not be allowed to dry on the grate. This can be easily removed with a soft nylon cloth or soft bristle brush.

SCENARIO 5



6.6 Scenario 6

Instruction and typical installation of Scenario 6 shows an application of a rigid polystyrene foam board** with an alkali-resistant finish on both sides. The tiles are fixed directly to the waterproofing panel. Waterproofing boards can be used on many different substrates, however here we have used yellow tongue.

Grates/wastes are the last step and must be installed into allocated provision using large blobs of neutral cure silicone.

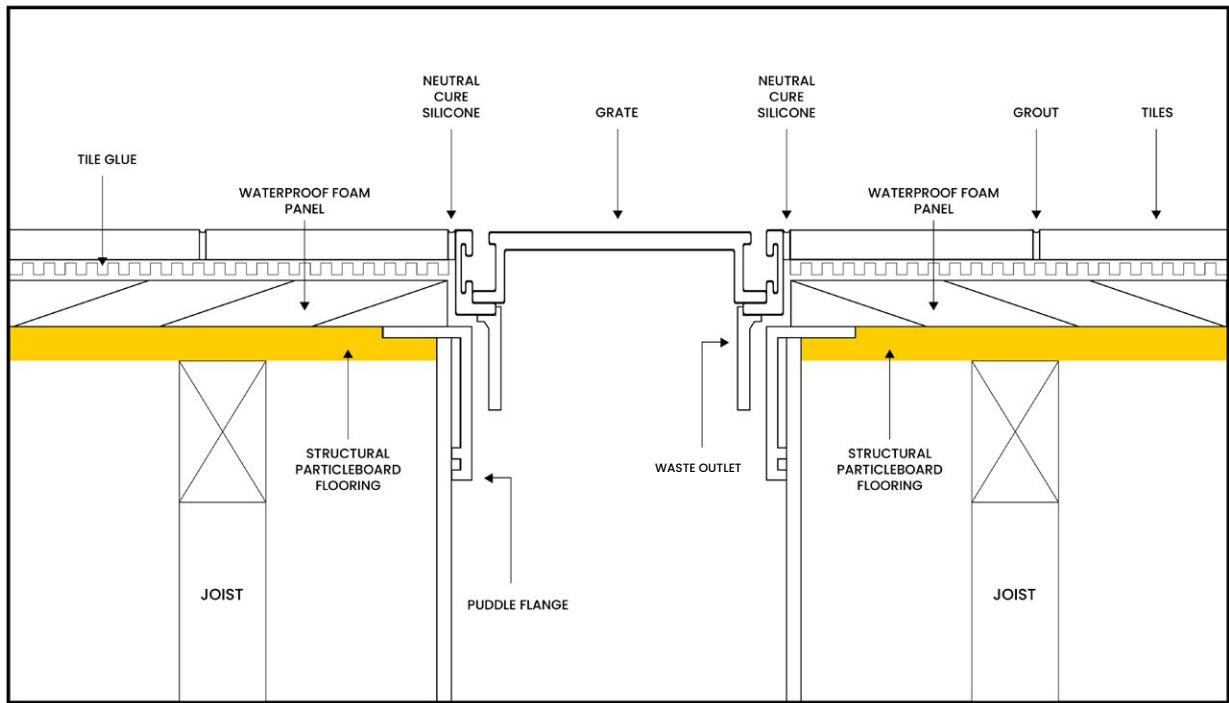
(**) The use of a WP Foam panel (eg. Wedi Board) is becoming increasingly popular. This foam board can be put on almost any surface or substrate, providing waterproofing and heat insulation.

Requirements:

- Lauxes Grates do not form part of the waterproofing process.
- Templates or suitable spacers (ie. timber block) must be in place while concreting to create the provision for the grate.
- Lauxes Grates must not come into contact with wet cement or screed.
- Lauxes Grates installations must be the final step in the flooring process.
- Cleaning should take place following the installation of the grate. Any visual deposits must not be allowed to dry on the grate. This can be easily removed with a soft nylon cloth or soft bristle brush.

Except as otherwise expressly provided herein, nothing contained in these guidelines shall be construed or interpreted, either expressly or by implication, or otherwise, as a substitute, supplementary rule or overriding any set industry, regulatory or advisory standards applicable to the installation of waste and grates. Nothing in these guidelines shall be deemed to be a guarantee or warranty by Lauxes Grates for satisfaction of any obligation on the correct and accurate installation of grates and wastes.

SCENARIO 6



PART 3

HOW TO INSTALL THE

SLIMLINE TILE INSERT SHOWER PACK 26

lauxes
GRATES

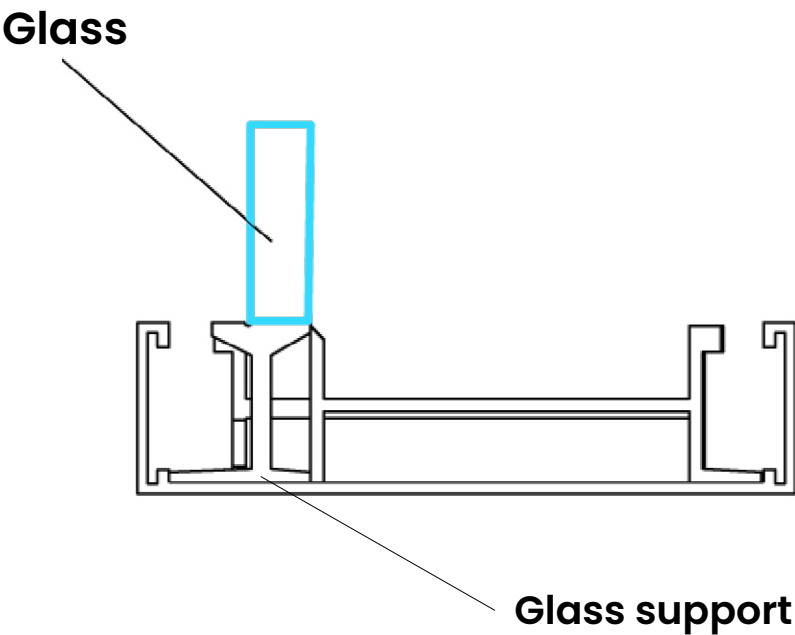
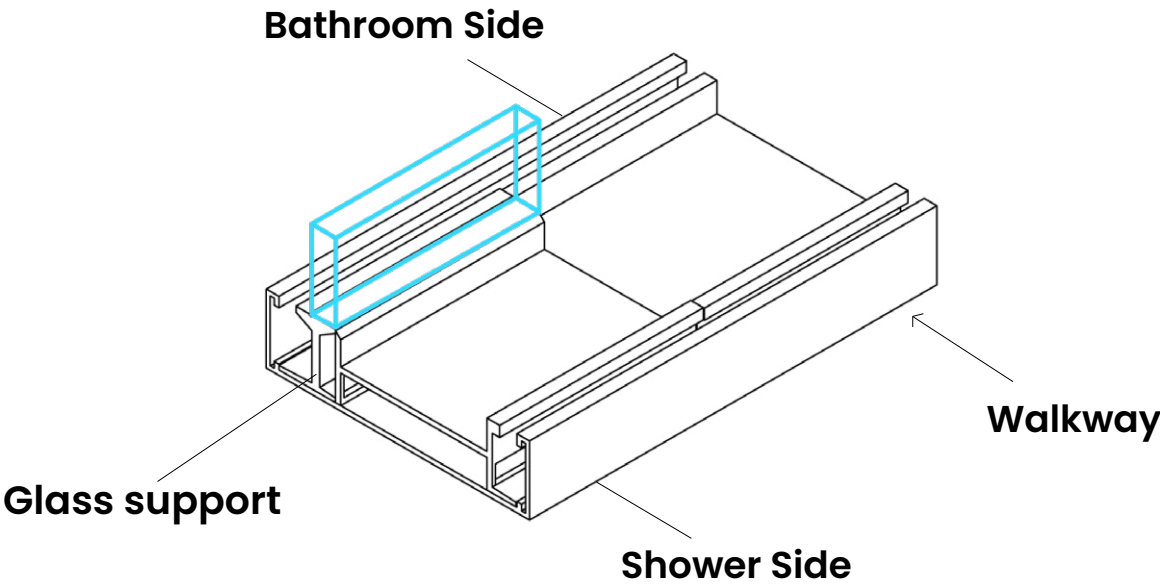


**Image is of a standard STI*

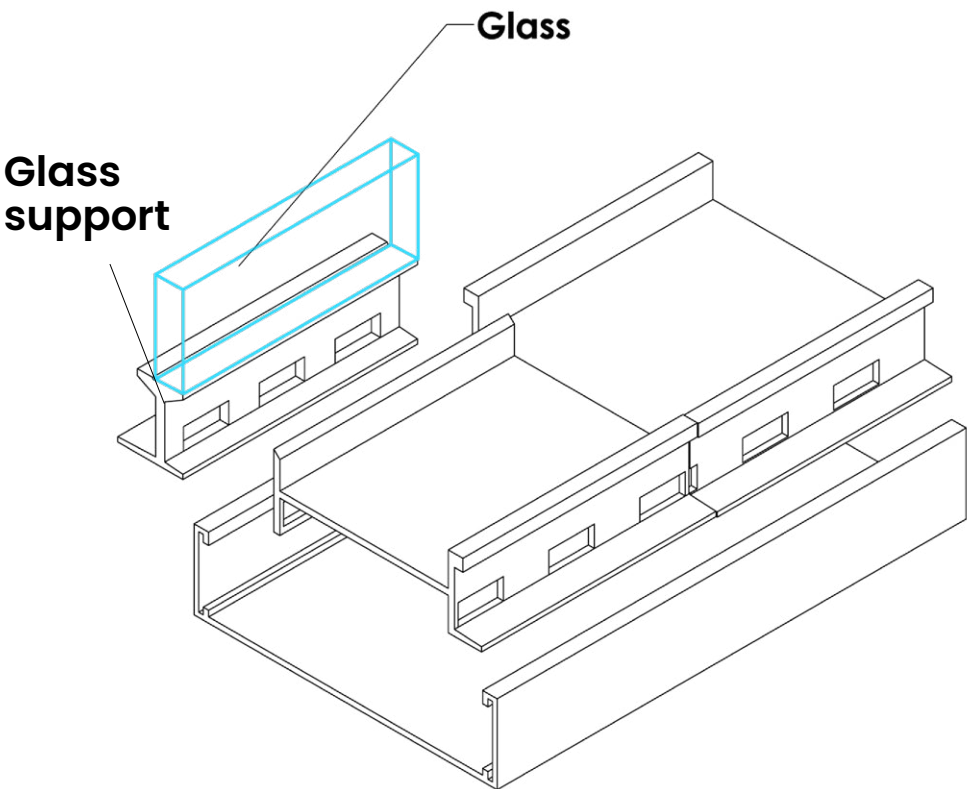
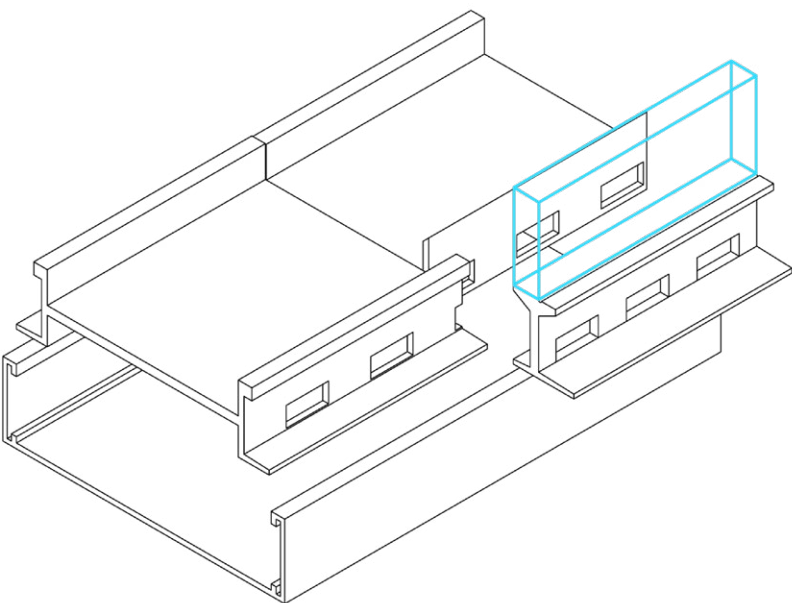
1. Product Assembly Overview

Slimline Tile Insert Shower Pack 26

Full Assembly



Exploded View



2. Cutting & Installation Instructions

2.1 Quick Tips



At no time is the grate to be in contact with any wet cement.



Grate and glass support must be installed **ONLY** after tiling and grouting are completed.



Only use neutral-cure silicone for all assembly and glass contact.



Use a template for any screeding needed (10–20 mm wider than the grate). **Do not use the grate as a template.**



The glass support is specifically designed to support the shower glass while allowing drainage from both sides of the glass.



For the best visual result, install this grate **wall-to-wall** across the threshold of the shower and bathroom.

2.2 Cutting Your Grate



Step 1. Determine the length of the grate by making sure the grate reaches wall to wall. Now cut 3mm shorter than desired length to allow end caps to be fitted.



Step 2. Using a Lauxes hole saw, drill the waste hole from the underside of the tray wherever needed.



Step 3. Fit end caps and the waste outlet using neutral-cure silicone. Clean all excess silicone away from the tray.

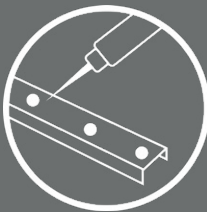


Step 4. Cut the glass support and the thinner tile-insert top tray to the exact length of the shower glass.



Step 5. Cut the remaining standard tile insert top tray 3 mm shorter than the walkway opening. (This clearance is vital for removing the tops for cleaning later).

2.3 Installing the Grate



Step 1
Apply large blobs of neutral cure silicone every 100 mm to the underside of the bottom tray and set into the recess making sure it is level. This allows any trapped water to escape to the puddle flange.



Step 2
Install the glass support piece into the bottom tray, making sure **the drain slots are at the bottom**. Keep it tight against the desired edge of the bottom tray. Clean off excess silicone.

STI Shower Pack Glass Support Orientation

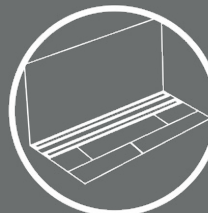
Wider side of the STI glass support goes against the edge of the bottom tray. this allows drainage from both the shower side and bathroom side of the grate.



Step 3
Once other parts have cured, install the glass screen. Use neutral cure silicone to affix onto the glass support. Make sure the glass does not overhang on any edge of the support as this will impact the removal of the tile inserts when cleaning.



STI Shower Pack
There is a 10mm guideline to help with lining the glass up. Leave to cure.



Step 4
Fit tiles into the tile inserts trays, sealing around the tiles with a grout coloured neutral cure silicone. Place in the grate.



Step 5
Seal the perimeter of the grate with grout-coloured neutral cure silicone.



*Image is of a standard STI