

Drain Installation Guide

with Graded Construction Board and Waterproofing

Step by step installation guide



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Installation Guide

These installation details are intended to be used as a guide only; we advise specific projects follow engineering advice and Australian Standards.



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Required for installation

Tools

- Marker
- Drill / Screw Driver
- Scotch brite
- Clean cloths
- Scraper
- Brush
- Paint brush or roller
- Caulking gun
- V-notch or Square notch trowel
- MDF Spacer or alternate
- Roller tray
- Bucket

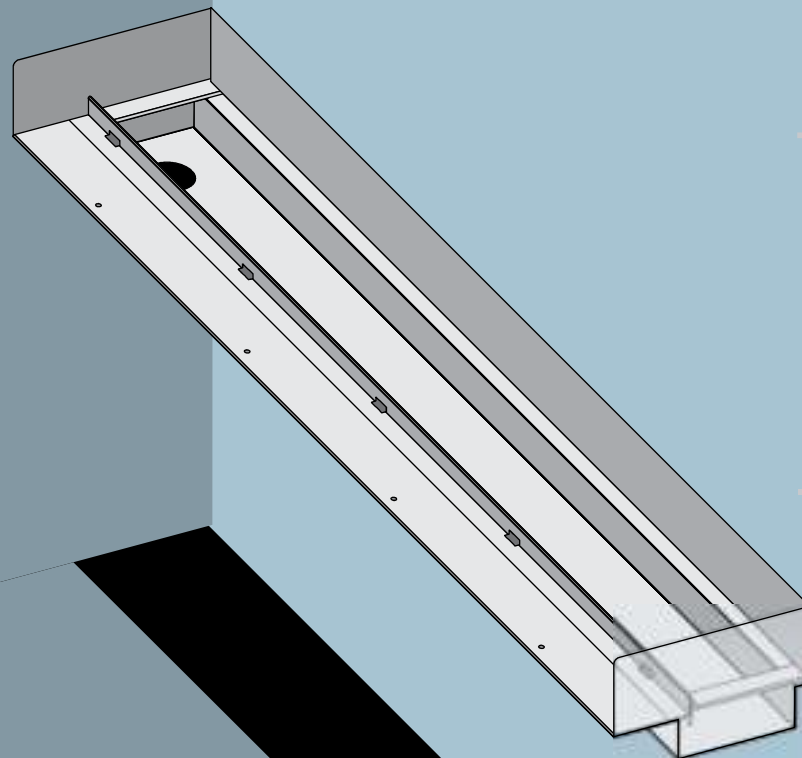
Materials

- Stainless steel screws
- Graded construction board
- Solvent or recommended cleaner
- Selected primer
- Waterproofing compound
- Adhesive / Sealer
- Mortar
- Selected tiles
- Color matched grout
- Color matched tile silicone

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Set up floor area with rebate to match drain.

Install ceramic tile underlay to manufacturers specifications; graded toward the drain per Australian Standards.

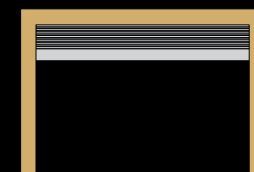


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STEP

1

TYPICAL LAYOUT
Wall to Wall



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Temporarily place the drain channel in position and mark extremities (including flanges and fixing tags).

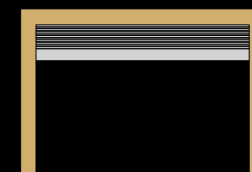


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STEP

2

TYPICAL LAYOUT
Wall to Wall



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Create a 2mm rebate along the marked extremities to allow for the drain to floor flashing to sit in.



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STEP

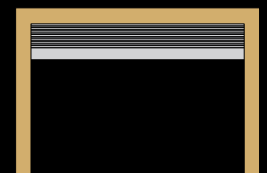
3

2mm Rebate



2mm
rebate

TYPICAL LAYOUT
Wall to Wall



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Clean entire floor area, apply a suitable surface primer and then apply a propriety waterproofing compound. ie Acrylic or Polyurethane compound to Australian Standards.

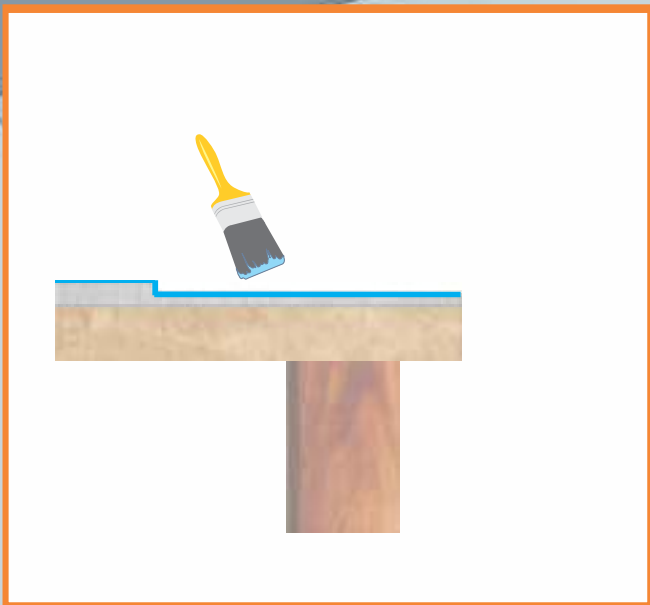
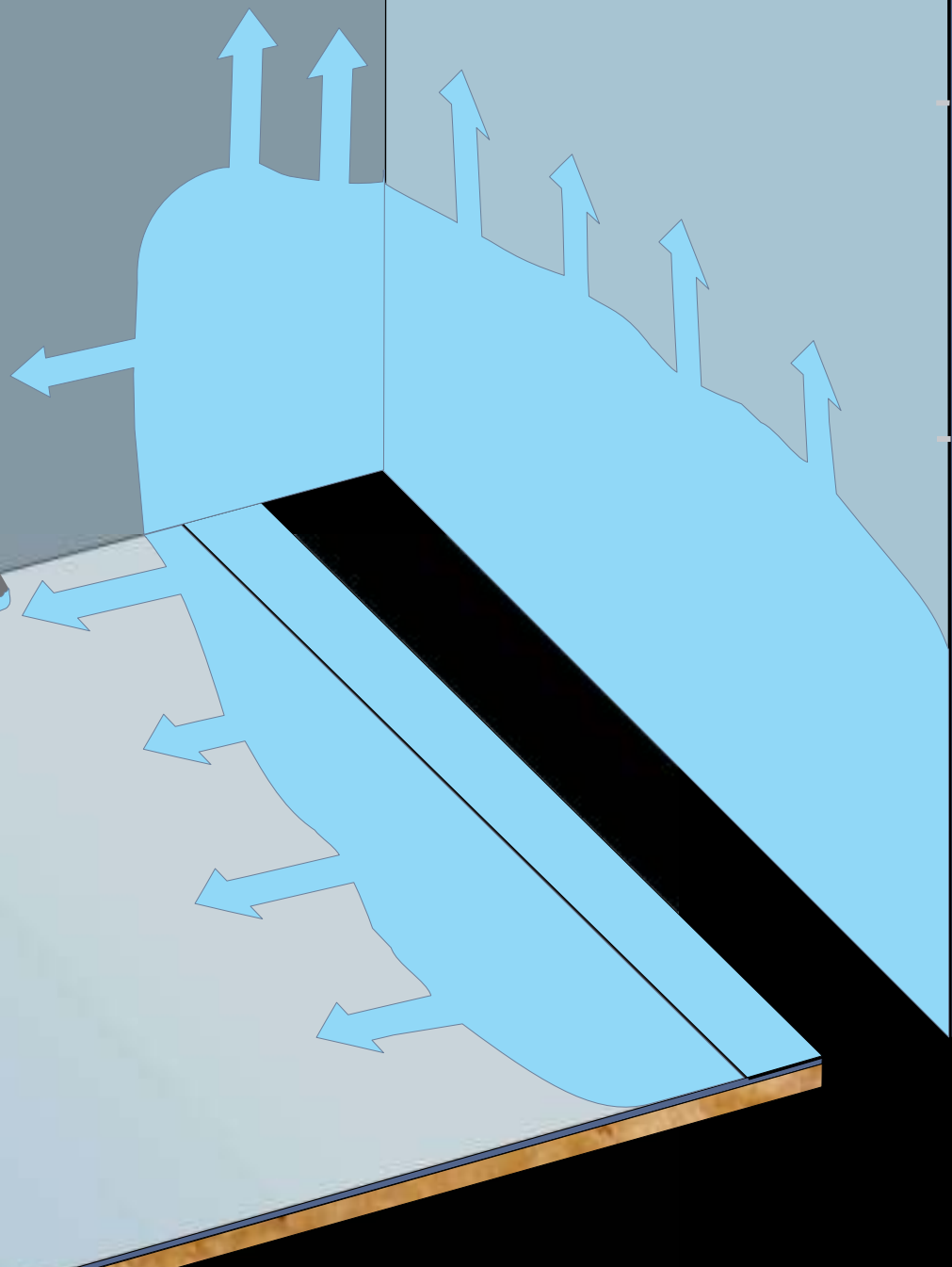
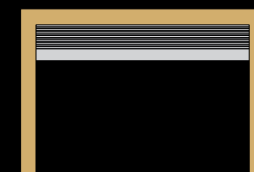


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STEP

4

TYPICAL LAYOUT
Wall to Wall



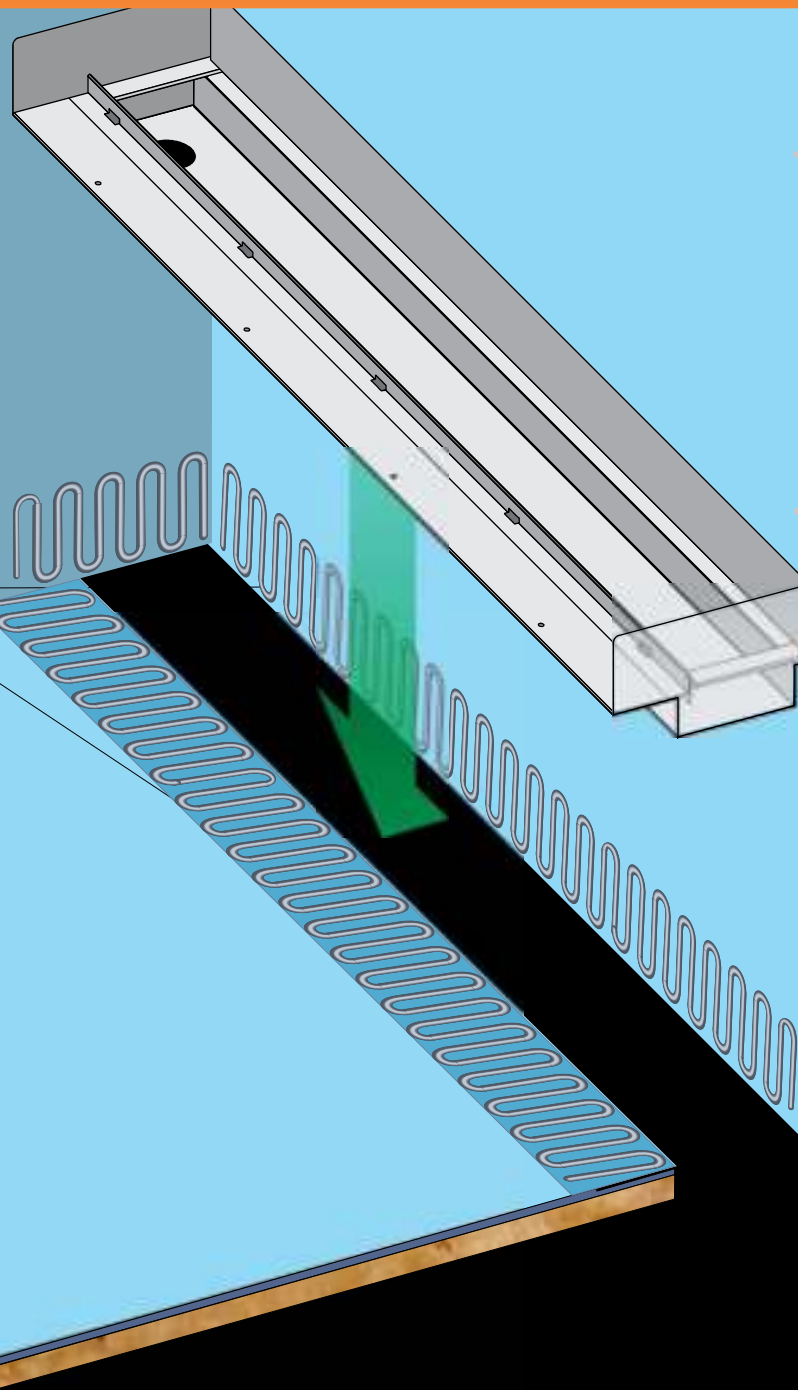
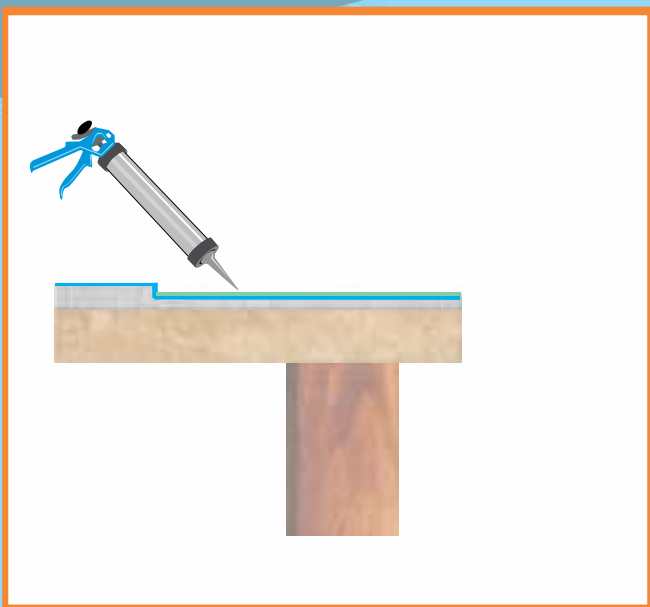
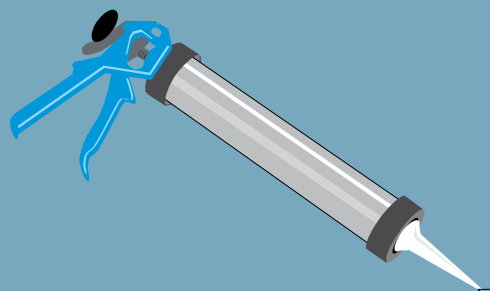
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Apply Polyurethane adhesive/sealant onto rebated area where wall and floor flashings meet.

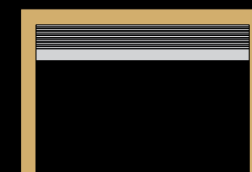


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TYPICAL LAYOUT
Wall to Wall



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Locate the drain channel and predrill screw holes.

Fill each hole with selected polyurethane sealant prior to screwing into place with Stainless Steel screws.

Cover the head of each screw again with sealant and allow to cure prior to preparing for primer.

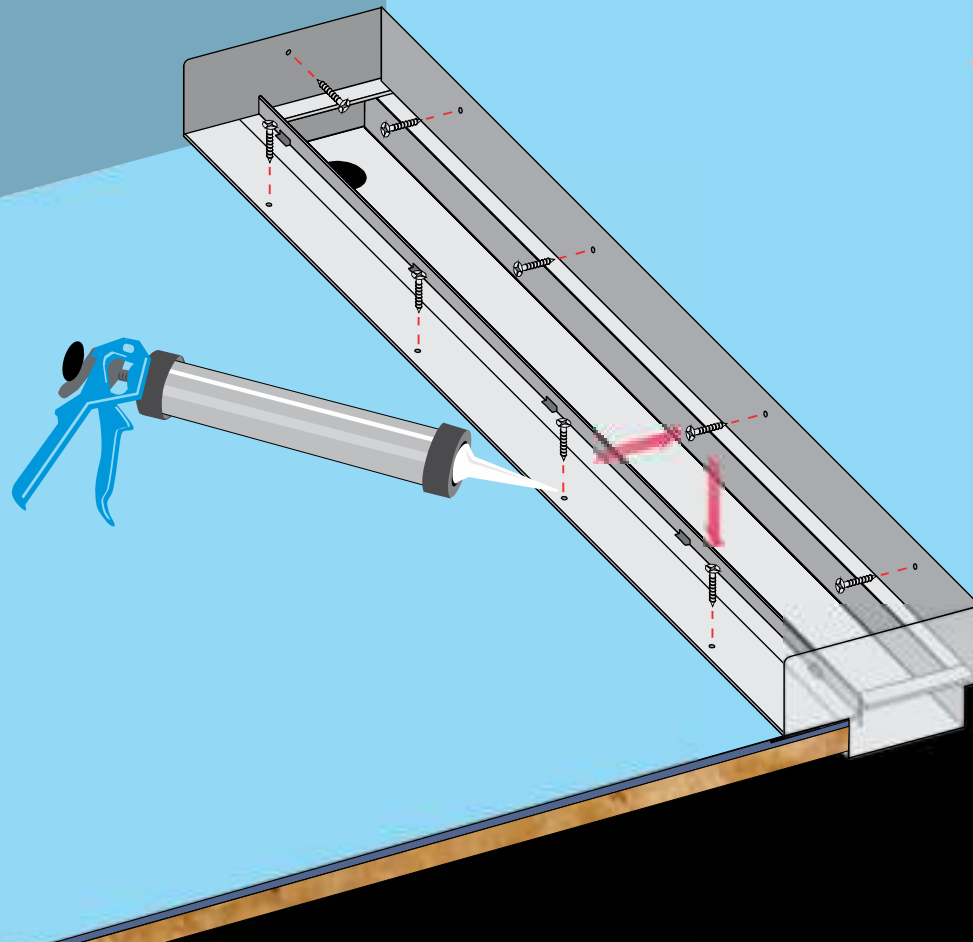
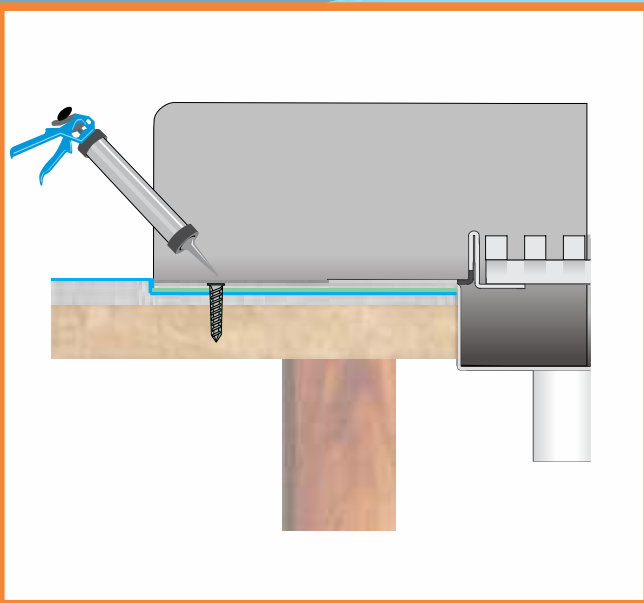
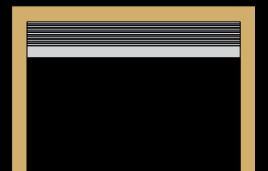


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TYPICAL LAYOUT
Wall to Wall



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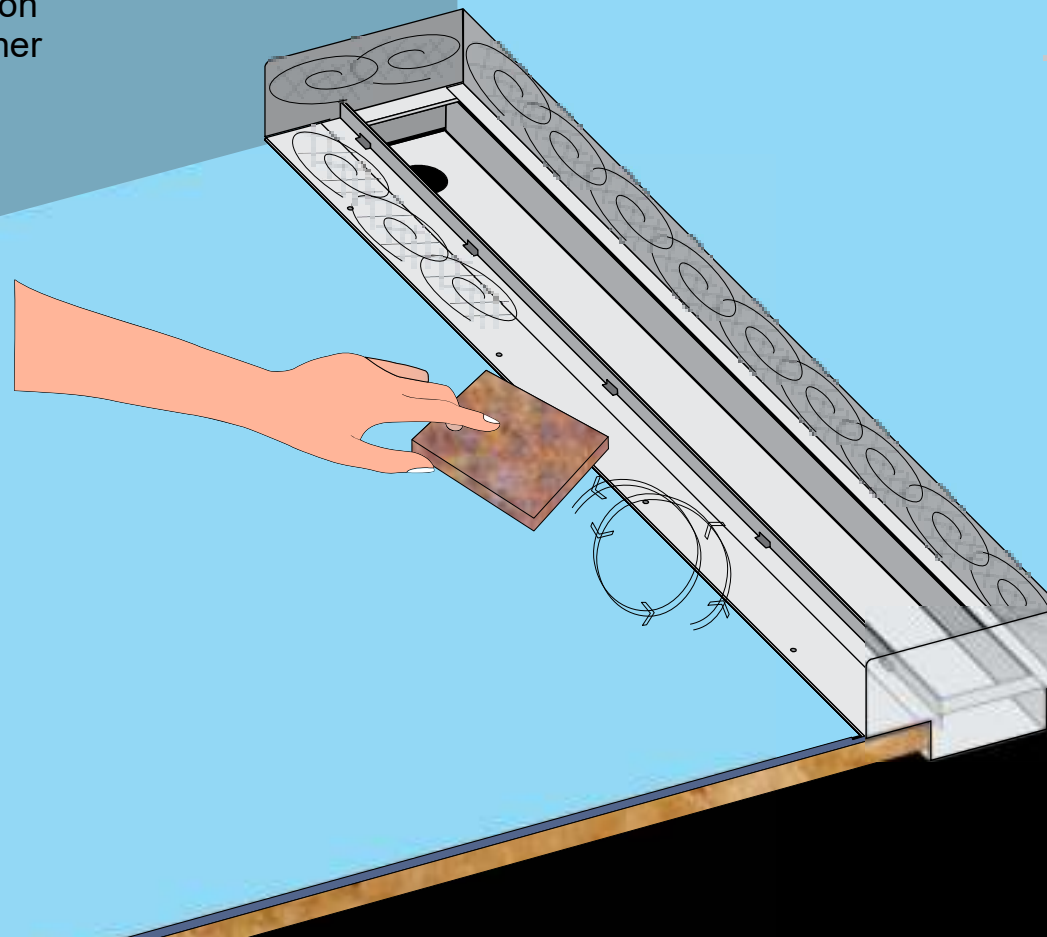
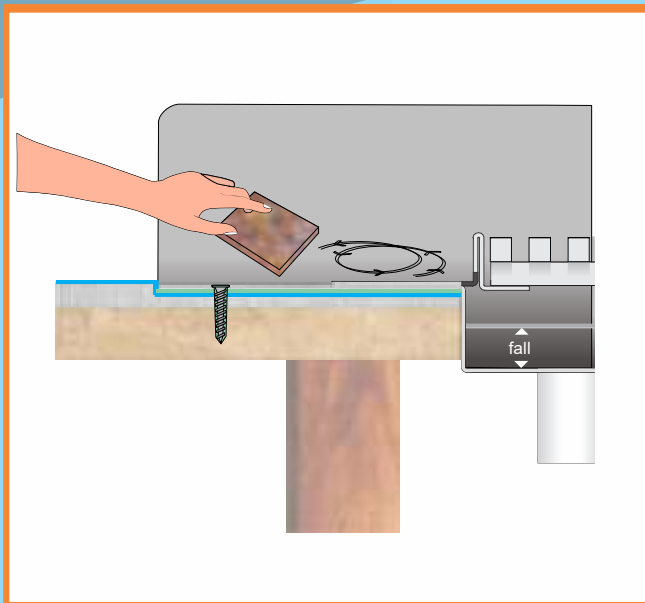
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Identify where the tile will be placed and where primer will be required.

Use the provided scouring pad to 'roughen' up the surface where the primer is to be applied using the scourer in a criss-cross motion over the flanges.

Wipe clear of dust and debris.

Only use scotch brite scoring pads for use on stainless steel. Do not use steel wool or other steel scourers.

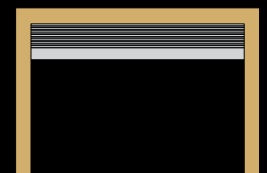


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STEP

7

TYPICAL LAYOUT
Wall to Wall



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Paint on supplied primer to prepared flange faces to ensure that the waterproofing will adhere to the drain flanges.

Ensure the weep holes are kept free of primer and blockage.

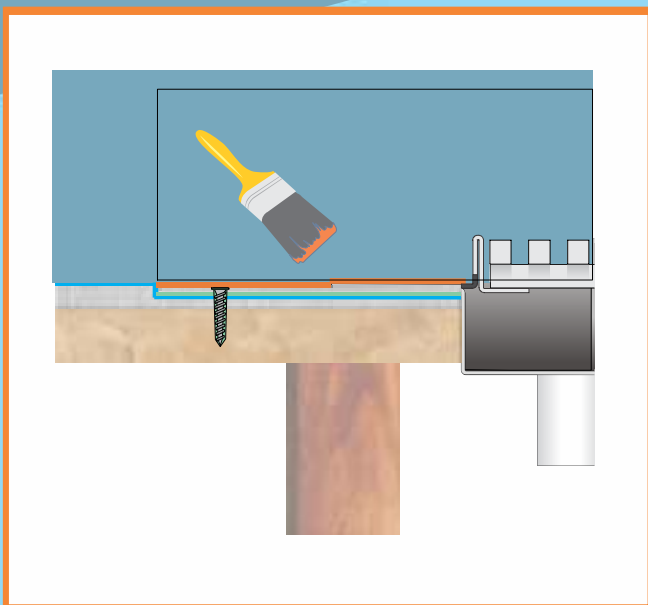
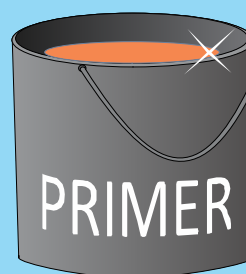


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STEP

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TYPICAL LAYOUT
Wall to Wall



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Apply a Polyurethane adhesive/sealant into remaining recess area and over the drain floor and wall flashings, (ensuring the slot weep holes are not covered) feather to a flat finish using a spatula or similar.



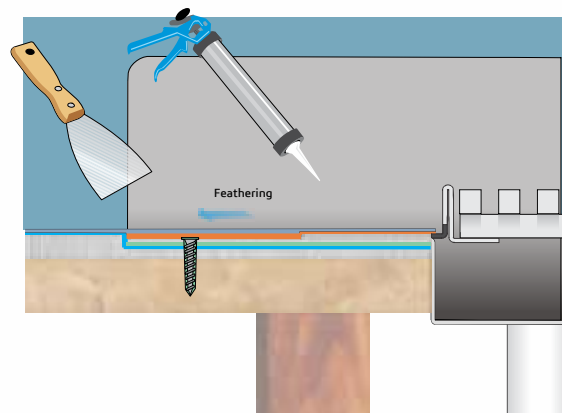
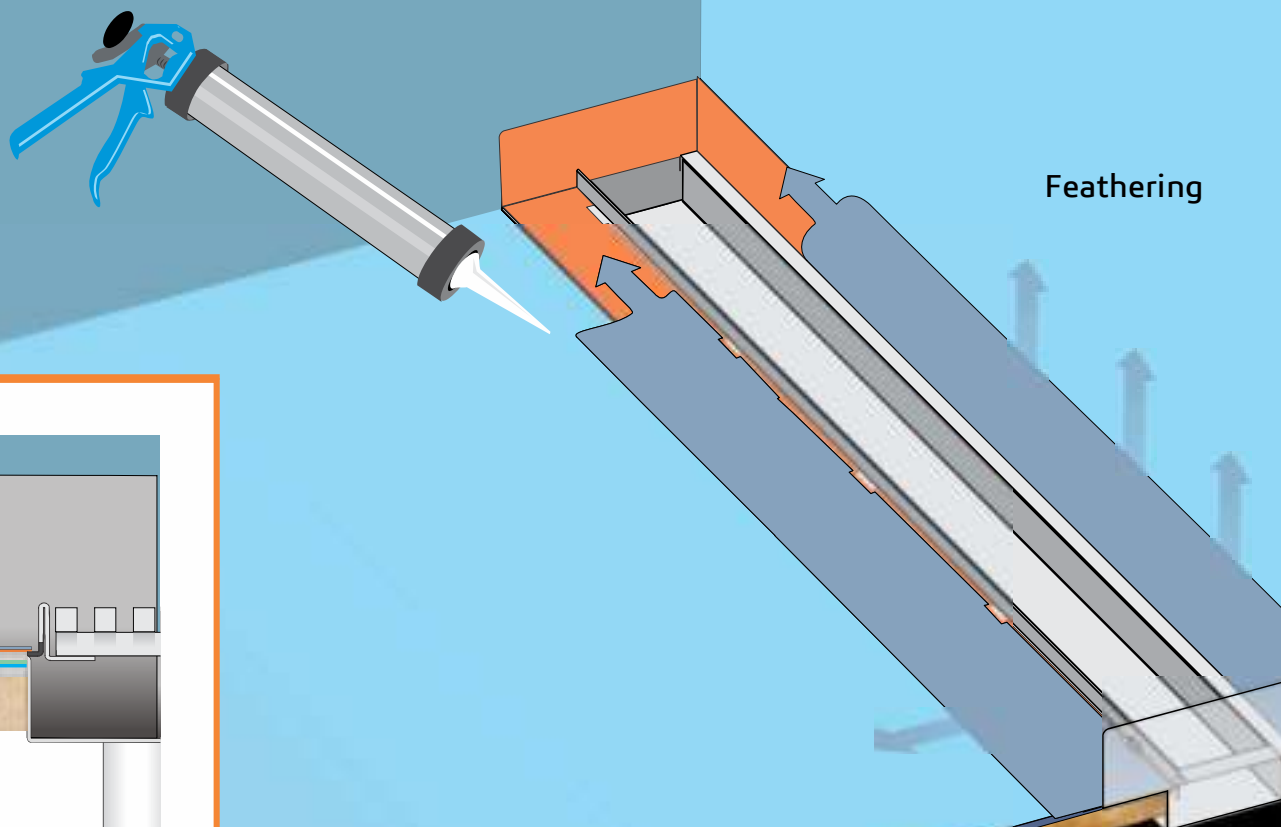
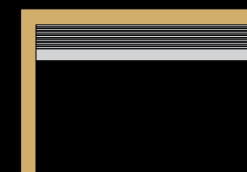
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STEP

9

Feathering

TYPICAL LAYOUT
Wall to Wall



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Trowel Adhesive with a V-notch or Square notch trowel.
Follow manufacturers specifications.

Ensure weep holes are kept clear of mortar.

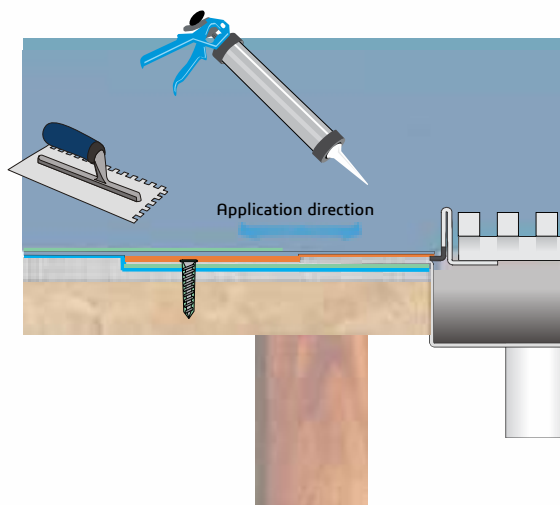
Use a removable spacer (MDF, plastic or similar) along the tile retention lip edge to space tiles away from edge.



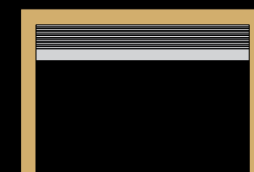
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Packer /spacer



TYPICAL LAYOUT
Wall to Wall



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Apply a Polyurethane adhesive/sealant into remaining recess area and over the drain floor and wall flashings, (ensuring the slot weep holes are not covered) feather to a flat finish using a spatula or similar.

Run temporary packing, 3mm thick, along edge of drain to maintain a 3mm gap between tile retention lip and tiles (to be removed later).

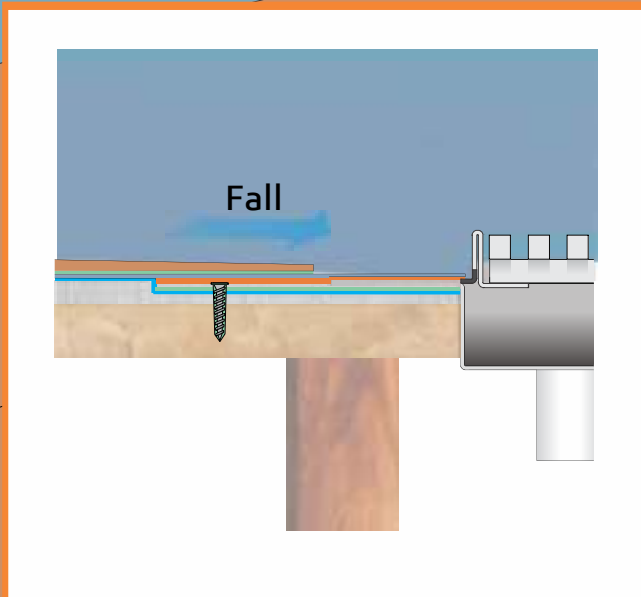
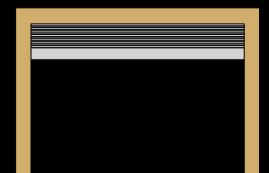


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STEP

11

TYPICAL LAYOUT
Wall to Wall



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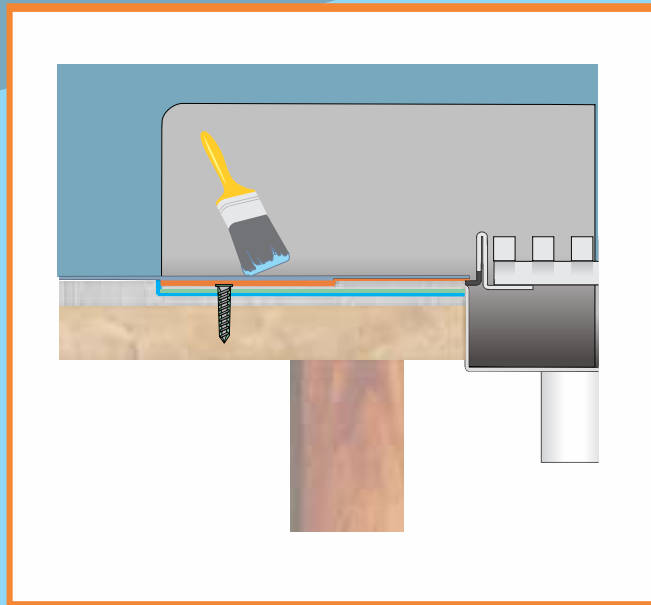
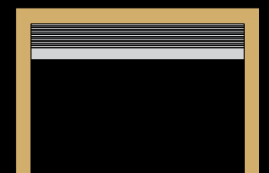
Apply a second layer of waterproofing compound.



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TYPICAL LAYOUT
Wall to Wall



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2 x layers of water proofing applied.
Ensure surface is clean and dry before
each layer is applied covering the surface thoroughly

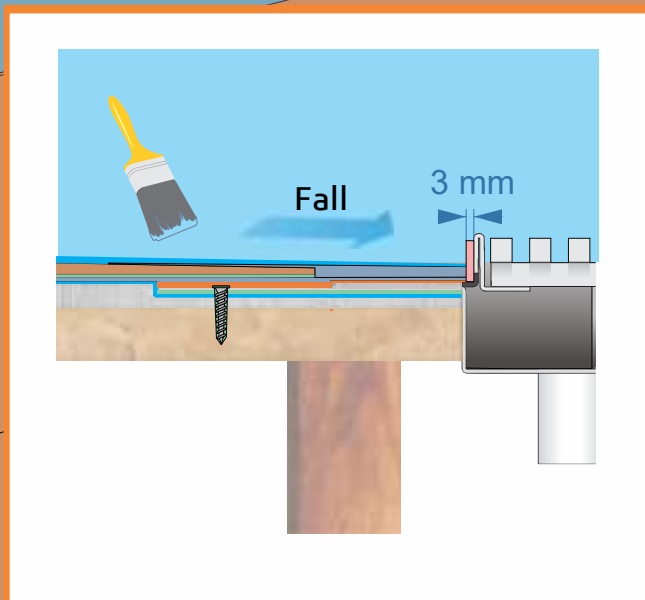
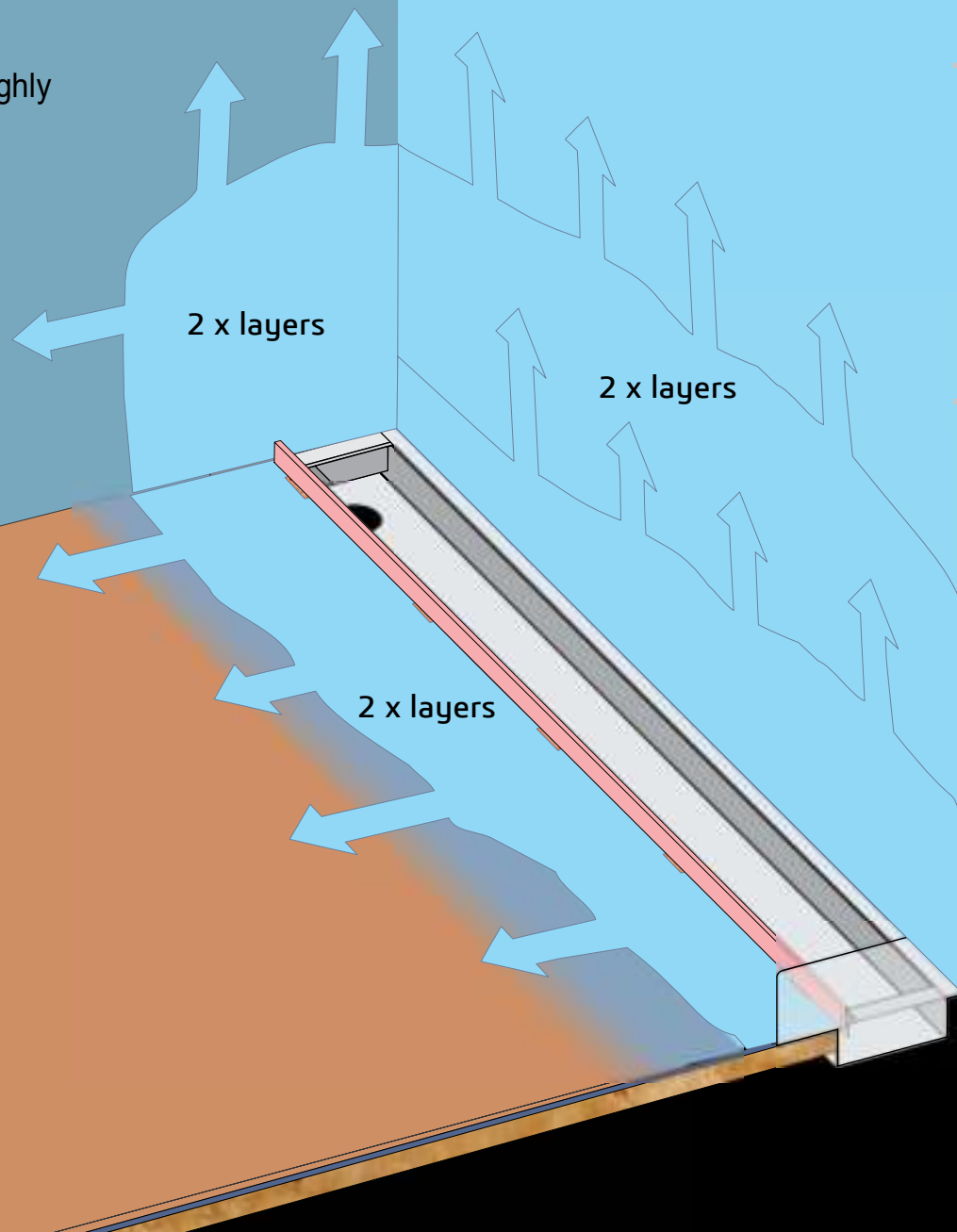
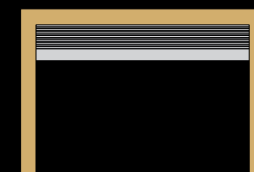


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13

TYPICAL LAYOUT
Wall to Wall



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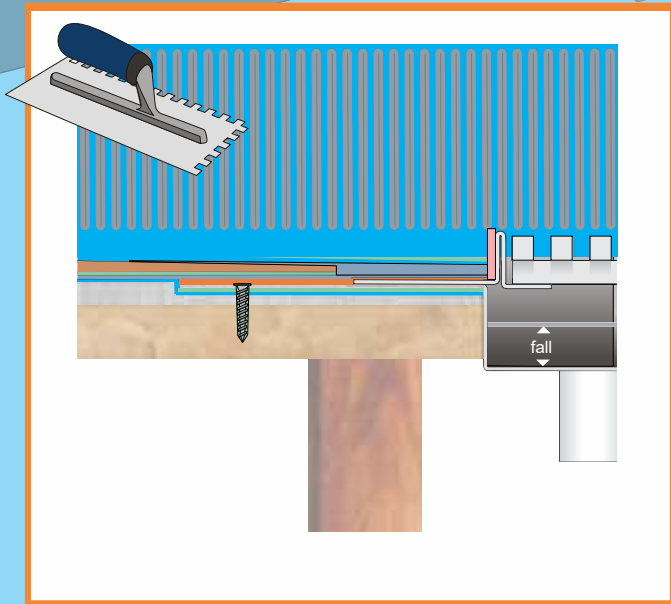
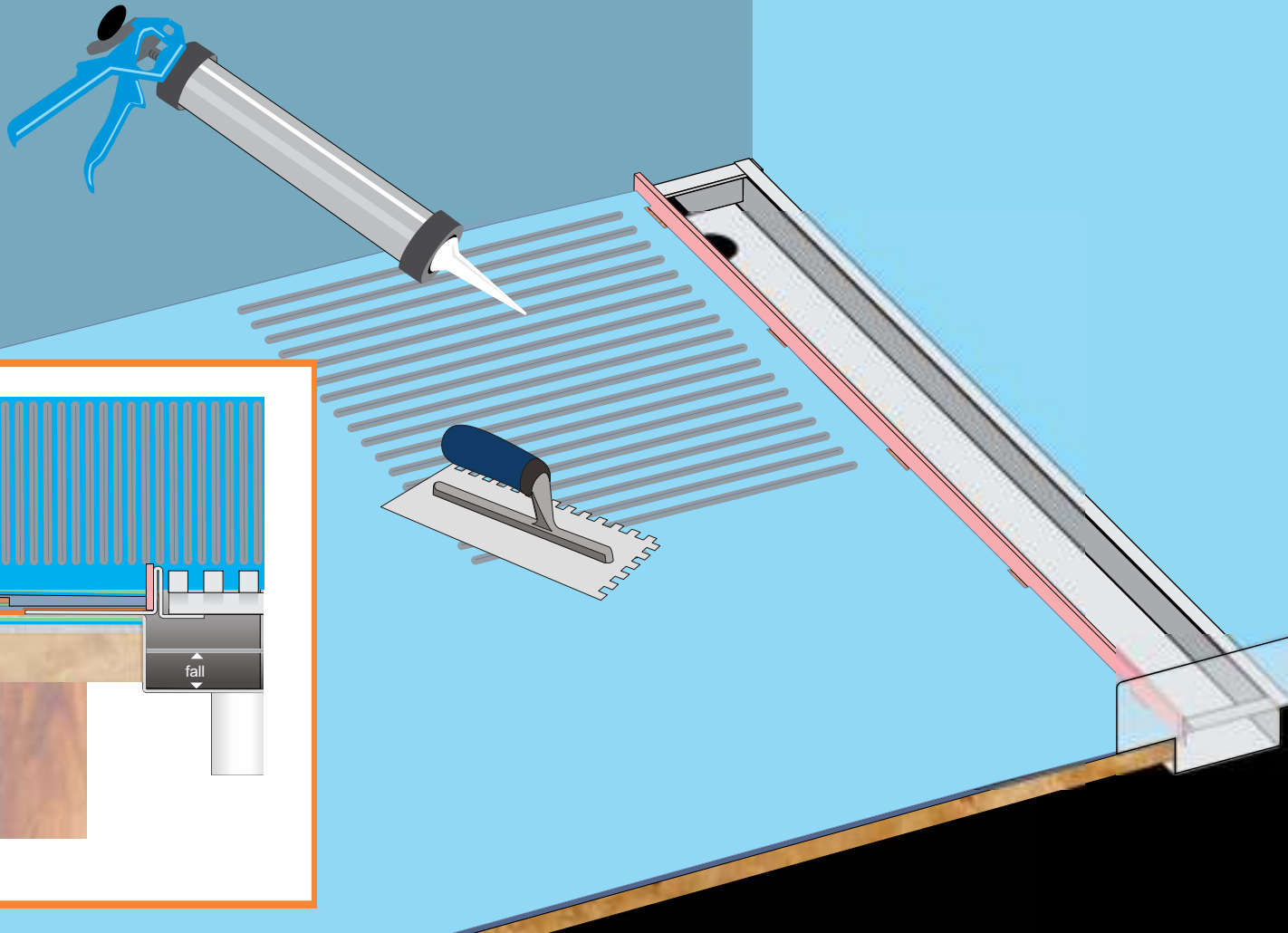
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Trowel mortar with a V-notch or Square notch trowel in direction of fall, being cautious to follow manufacturers specifications.

Ensure weep holes are kept clear of mortar.

Use a removable spacer (MDF, plastic or similar) along the tile retention lip edge to space tiles away from edge.



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STEP

14

TYPICAL LAYOUT
Wall to Wall



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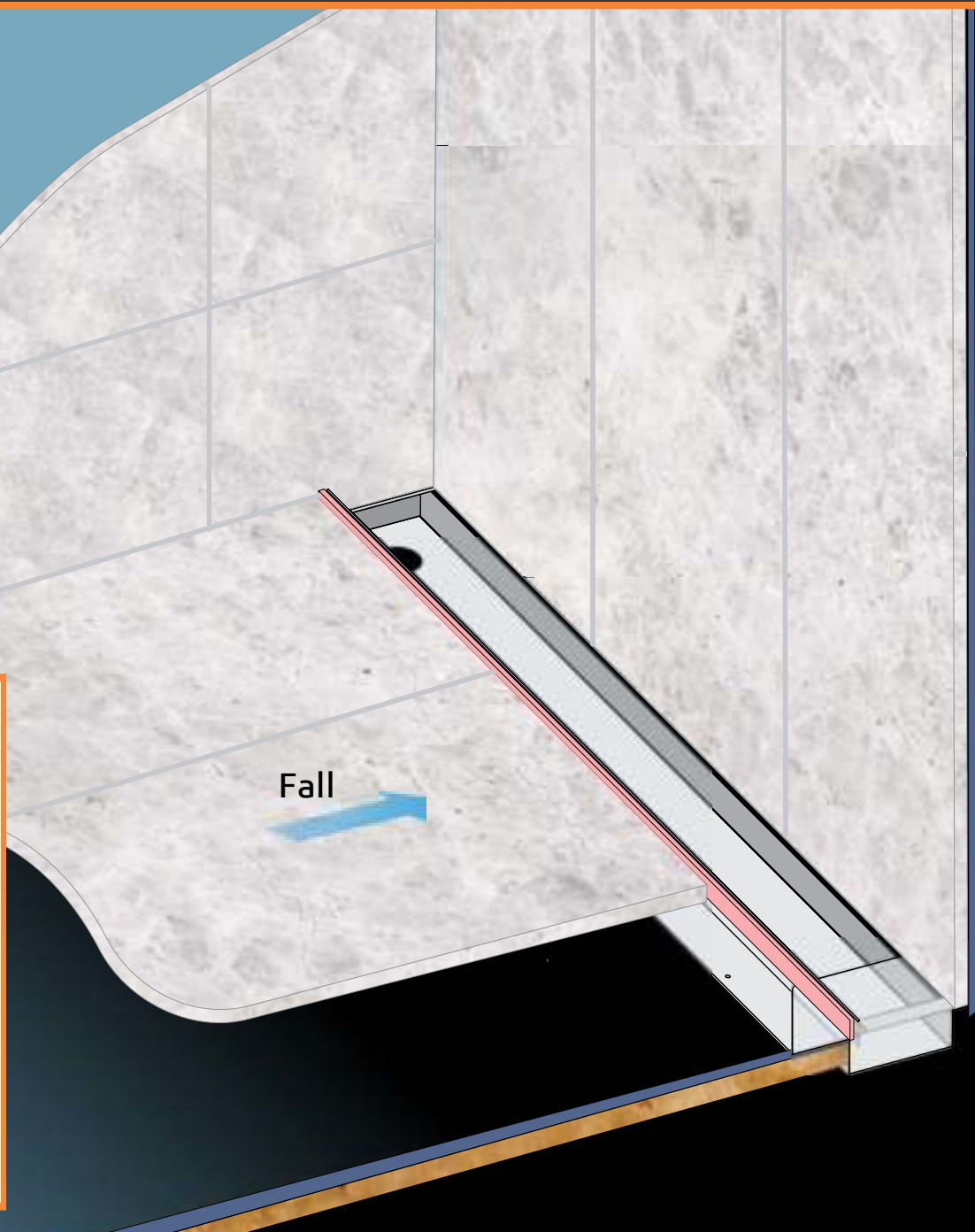
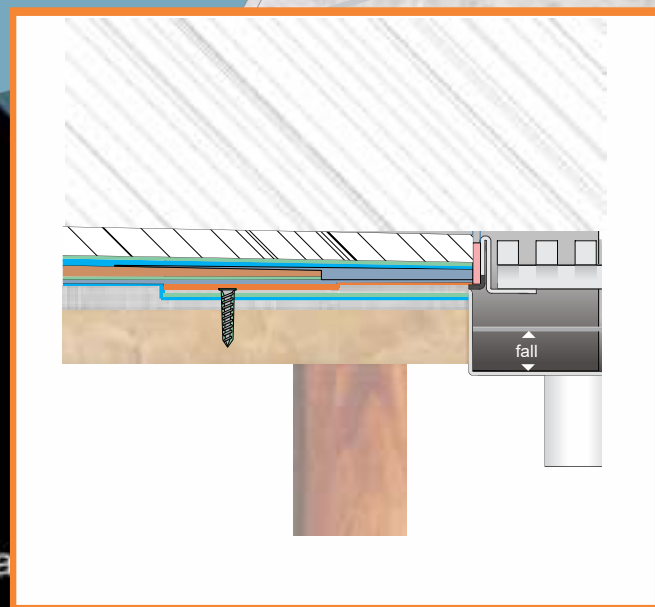
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Tiles laid with fall to drain.
Keep tiles to 1mm above drain lip.

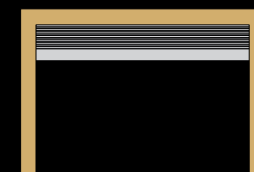


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TYPICAL LAYOUT
Wall to Wall



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Tiles laid with fall to drain.
Keep tiles to 1mm above drain lip.
Grout as required.

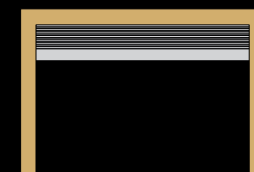


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STEP

16

TYPICAL LAYOUT
Wall to Wall



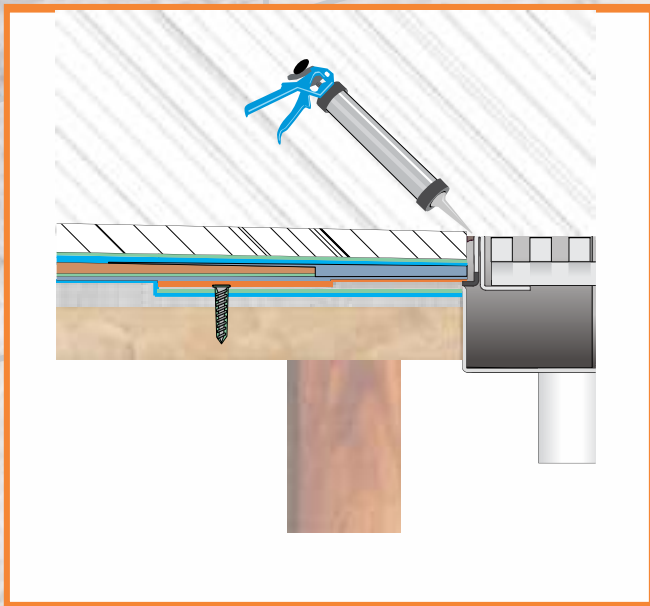
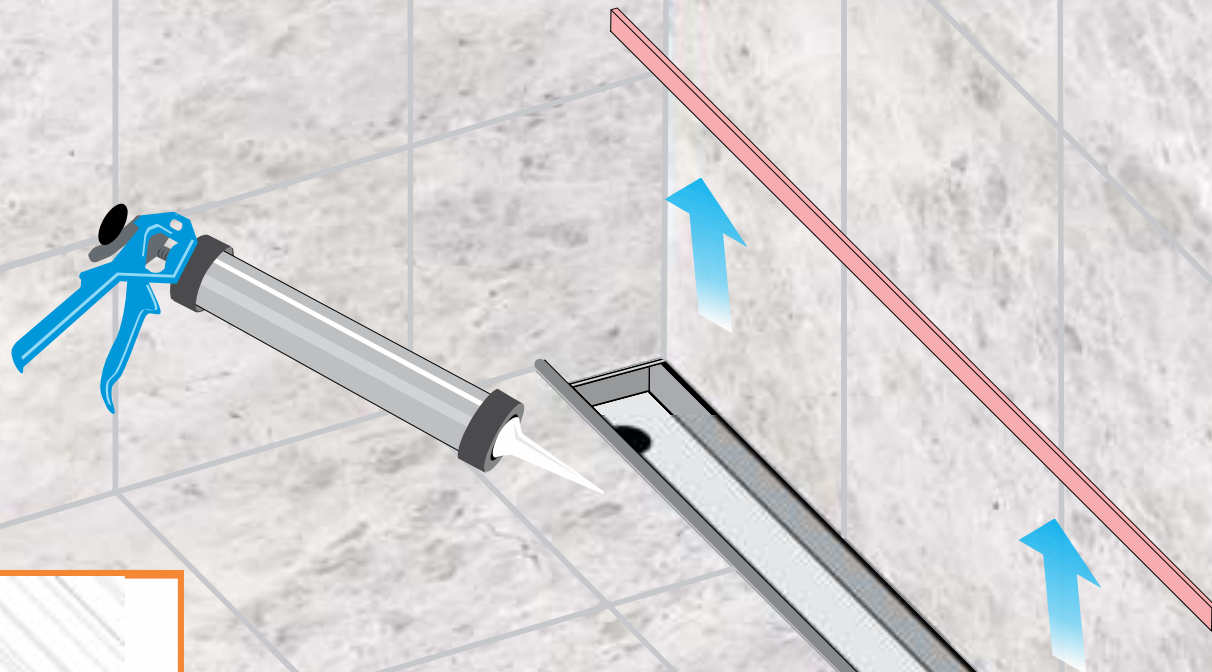
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Remove packing and seal (top 3mm deep)
the gap between the tile retention lip and
tiles.

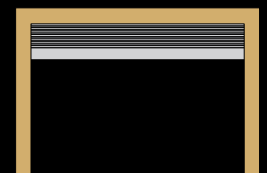


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17

TYPICAL LAYOUT
Wall to Wall



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Give the tile and drain a clean with warm soapy water to ensure no dirt, or debris remains, and rinse with warm water.

Fit Grate or Tile Insert Tray in place and rinse clean.

Now you can enjoy your new Creative Drain and tiled wet area.

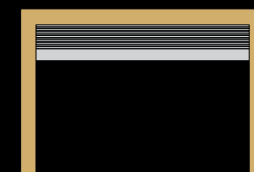


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TYPICAL LAYOUT
Wall to Wall



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