THE ORIGINAL
LINEAR DRAIN
THE ORIGINAL

Stormtech

100PASi20MTL
Linear Drain

Stormtech is the only linear drainage system available with full
Greentag and Watermark certification across our complete product range.

WaterMark
Level 2 Licence WMKT 21588
SAI Global

AUSTRALIAN MADE
AND OWNED

ecospecifier global
GREEN TAG
CERTIFIED

trust brands™

Stormtech™

ARCHITECTURAL GRATES + DRAINS

100PASi20MTL

Linear Drain

New Punched Angle Slot Grate

All Stainless Steel drainage unit made to length with specified outlet position.

Code 100PASi20MTL

Range 100

Grate Style PAS

Category Made-to-Length

Channel Material Stainless Steel

Steel Grade 316

SPECIFICATIONS + DIMENSIONS

Channel Width	106mm
Channel Depth	23mm
Length(s)	As Required
Outlet Size	DN40, DN50, DN65, DN80, DN100

STORMTECH COLOUR FINISHES

| Stainless Steel	Electropolished	Gunmetal Grey	Matte Black	Bronze	Copper	Brass
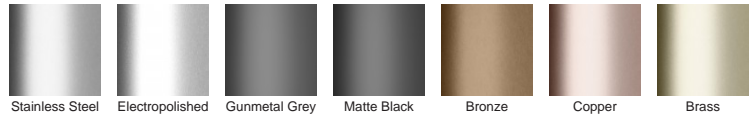
Electroplate finishes subject to natural variation with time and local environment. Factors such as pools/surf beaches may require electropolishing. Contact us for suitability.

PRODUCT APPLICATIONS

Bathroom Drainage
Aged / Health Care Drainage
Balcony Drainage
Commercial Drainage
Courtyard / Patio Drainage
Pool and Spa Area Drainage

Hospitality Drainage
Paved Area Drainage
Shower Drainage
Multi-Residential Drainage
Special Needs Drainage
Threshold Drainage
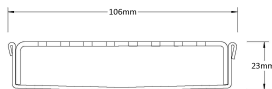
Grates longer than 1500mm supplied in sections. Tile Inserts longer than 1200mm supplied in sections. Channels over 3000mm supplied in sections with joiner. +/-2mm tolerance on dimensions.
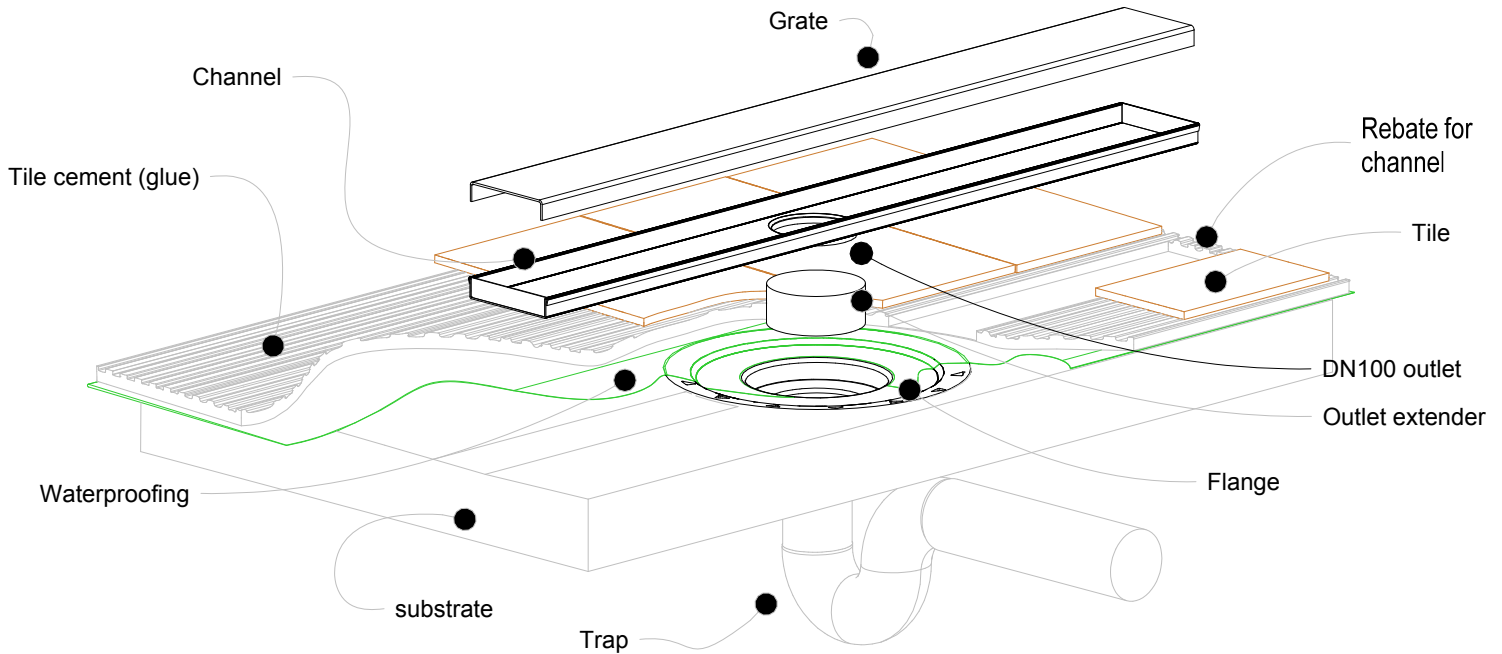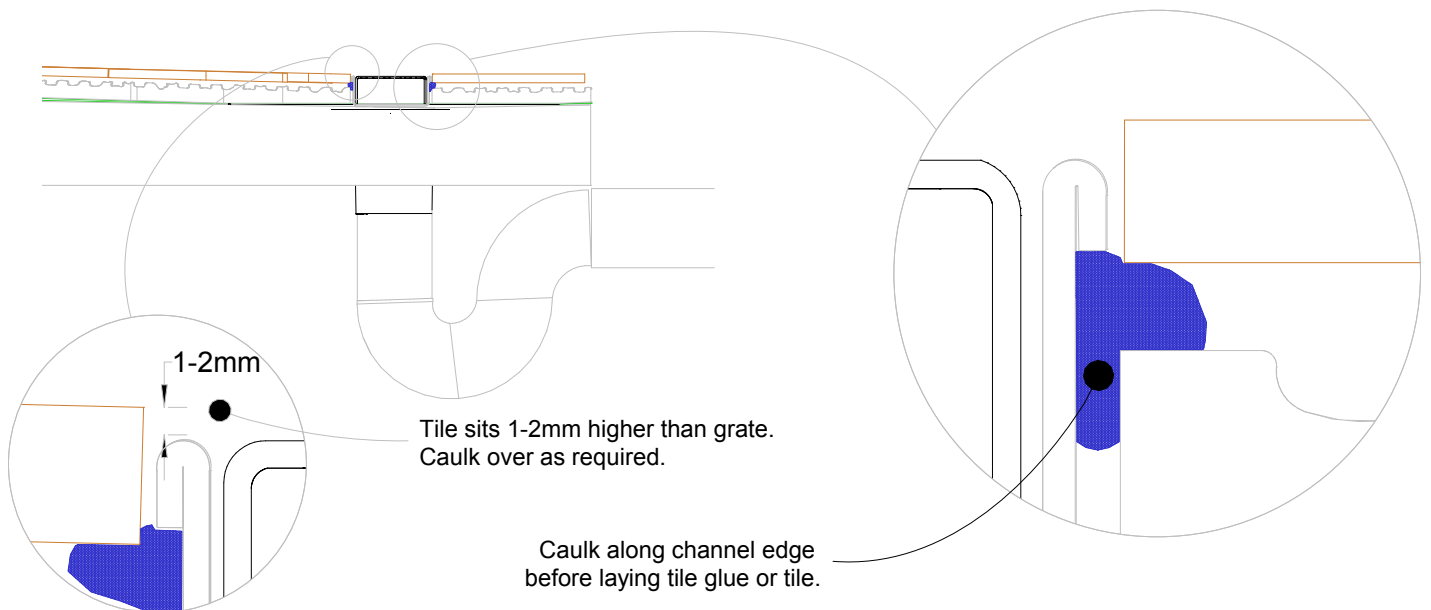
100i20 MTL & CO Bathroom

For 100ARi20MTL, 100ARiCO20, 100MNDi20MTL, 100MNDiCO20, 100PSi20MTL, 100PSi20CO, 100TRi20MTL, 100TRiCO20, 100PSSi20MTL, 100PASi20MTL

Stormtech ™

Fall

Fall
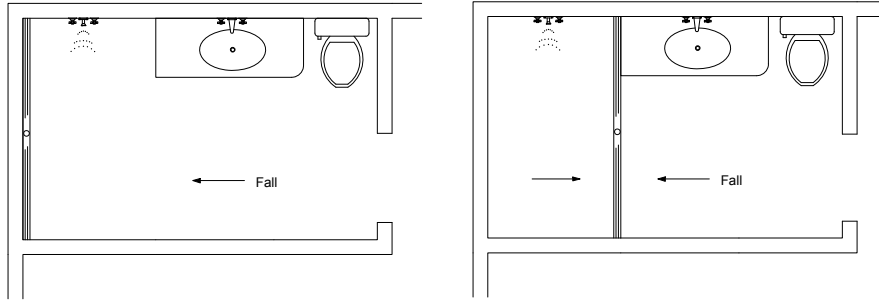
NOTE, refer to AS3500 for specific outlet pipe sizes related to your specific installation.

Grate

Channel

Rebate for channel

Tile cement (glue)

Tile

DN100 outlet

Outlet extender

Flange

Waterproofing

substrate

Trap

NOTE, this method requires the channel system to be ABOVE and SEPARATE from the WATERPROOFING.

1-2mm

Tile sits 1-2mm higher than grate. Caulk over as required.

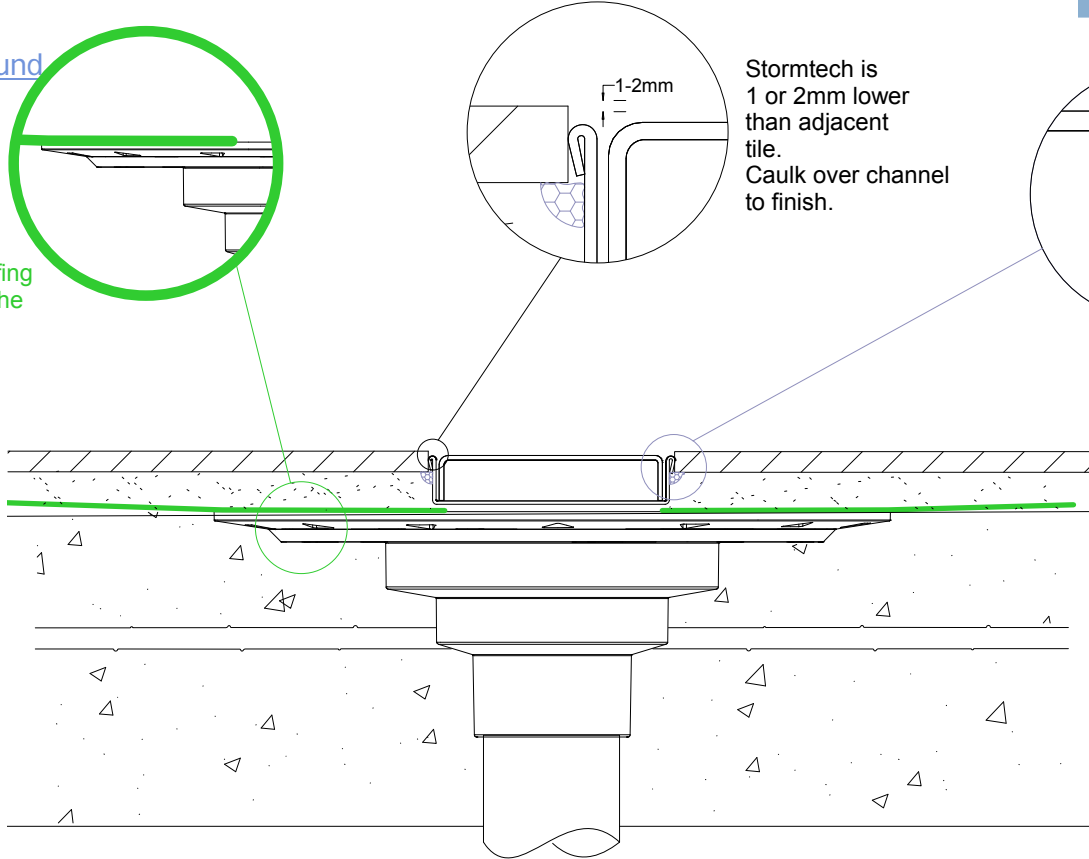Caulk along channel edge before laying tile glue or tile.

100i20 MTL & CO Concrete Floor or Deck

For 100ARi20MTL, 100ARiCO20, 100MNDi20MTL, 100MNDiCO20, 100PSi20MTL, 100PSi20CO, 100TRi20MTL, 100TRiCO20, 100PSSi20MTL, 100PASi20MTL

Stormtech™

Slab on Ground

1-2mm

Stormtech is 1 or 2mm lower than adjacent tile. Caulk over channel to finish.

Caulk bottom of tile to edge of Stormtech

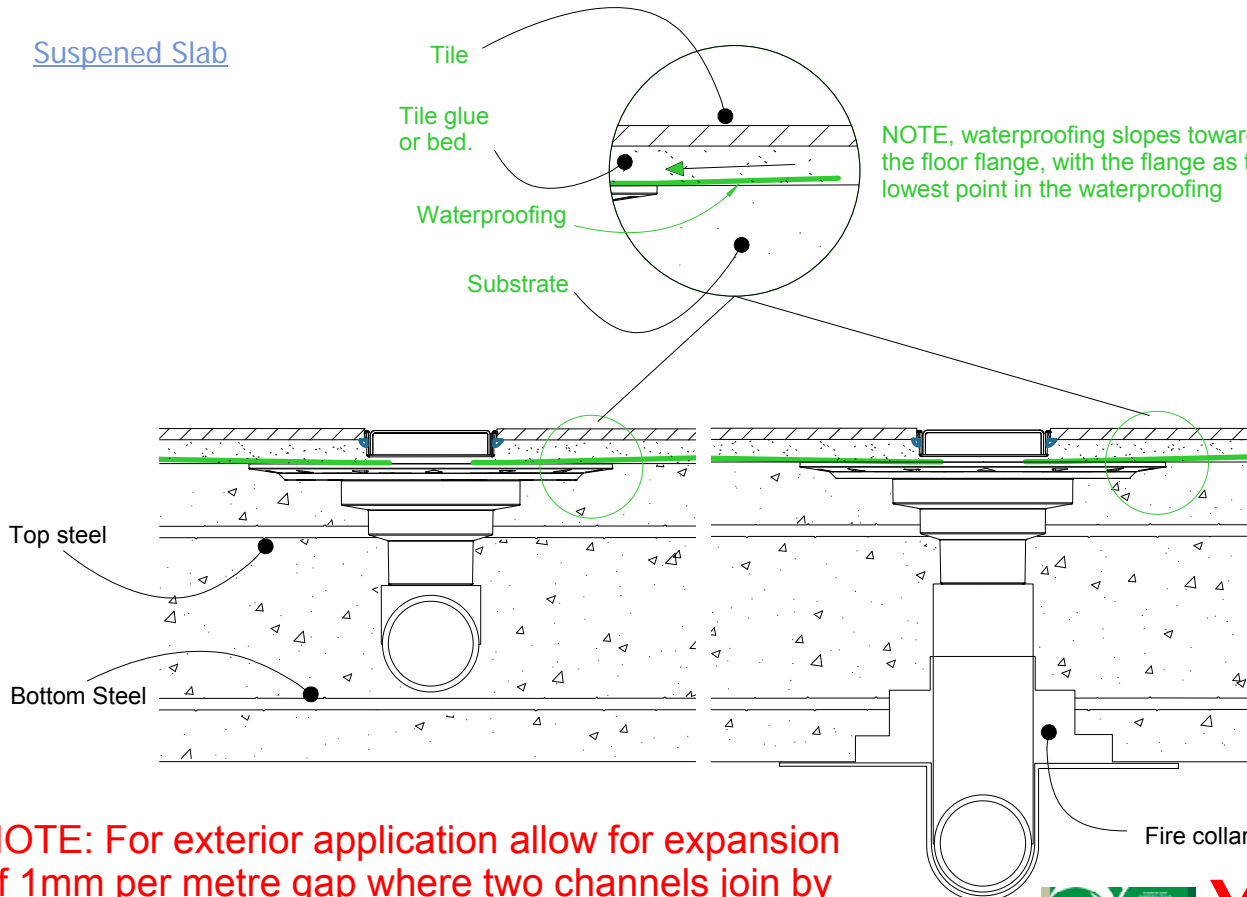Waterproofing is fixed to the floor flange

Suspened Slab

Tile

Tile glue or bed.

Waterproofing

Substrate

NOTE, waterproofing slopes towards the floor flange, with the flange as the lowest point in the waterproofing

Top steel

Bottom Steel

Fire collar

NOTE: For exterior application allow for expansion of 1mm per metre gap where two channels join by using quality suitable flexible sealant on channel joiners.

WaterMark
Level 2 Licence WMKT 21249
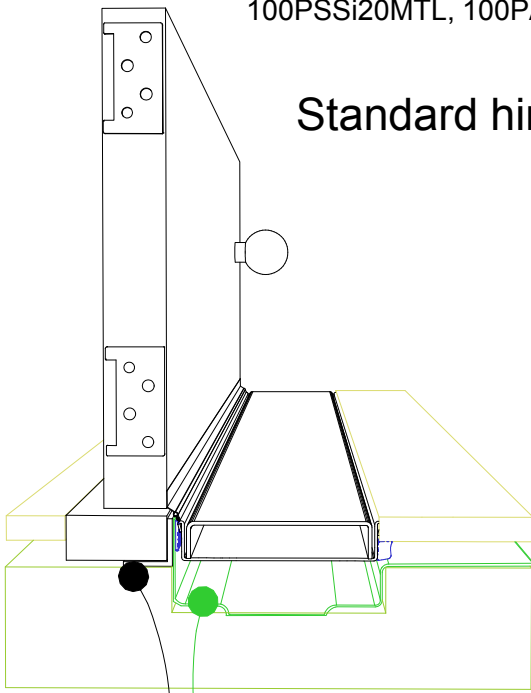
AUSTRALIAN MADE AND OWNED

100i20 MTL & CO Threshold installation suggestion

For 100ARi20MTL, 100ARiCO20, 100MNDi20MTL, 100MNDiCO20, 100PSi20MTL, 100PSi20CO, 100TRi20MTL, 100TRiCO20, 100PSSi20MTL, 100PASi20MTL

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Standard hinged door
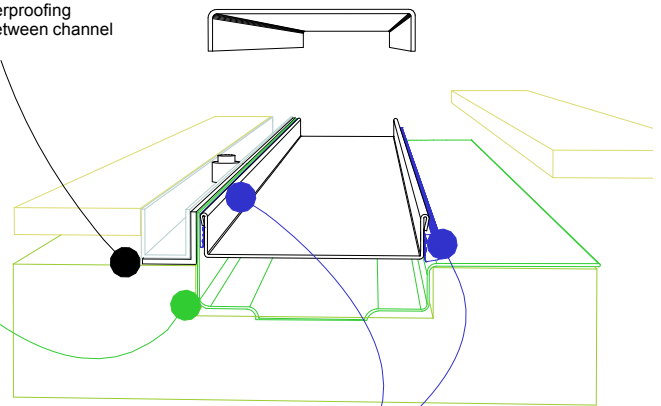
Aluminium angle
to support waterproofing
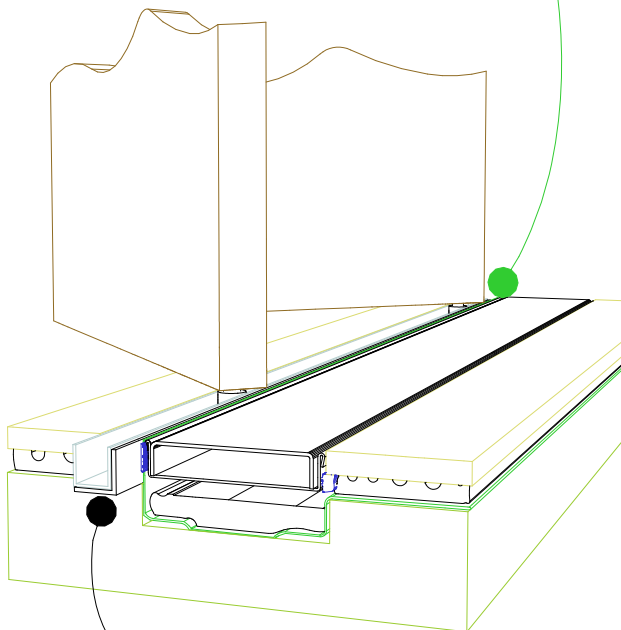and junction between channel
and door sil.

Top hung slider

Aluminium angle
to support waterproofing
and junction between channel
and door track.

Waterproofing

Bi-fold door

For all types of threshold installation ensure both sides of the channel are sealed before laying tile.

NOTE, ensure weather stip is used on the appropriate side of the door to ensure drafts and moisture are minimised.

NOTE, ALWAYS ensure the waterproofing is completed before laying the Stormtech.

Aluminium angle
to support waterproofing
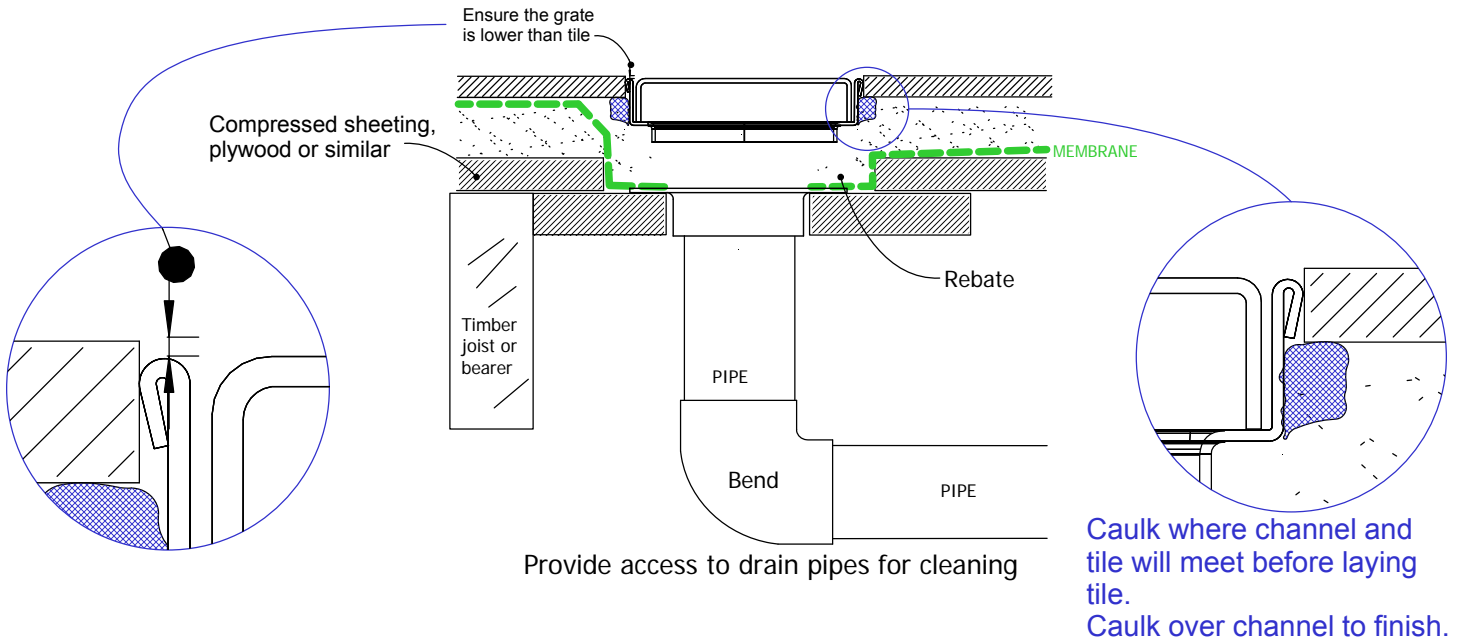and junction between channel
and door track.
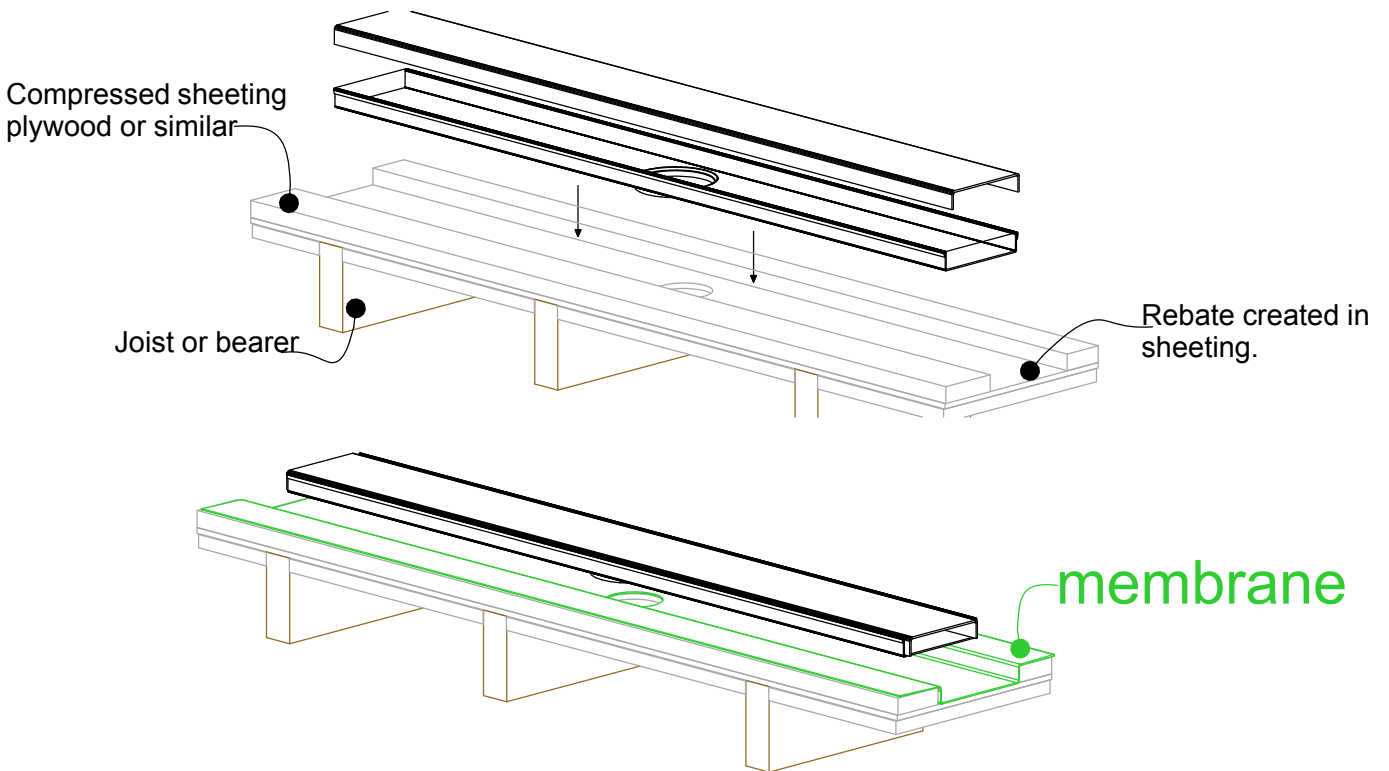
100i20 MTL & CO TIMBER FLOOR/DECK

For 100ARi20MTL, 100ARiCO20, 100MNDi20MTL, 100MNDiCO20,
100PSi20MTL, 100PSi20CO, 100TRi20MTL, 100TRiCO20,
100PSSi20MTL, 100PASi20MTL

When 100i20 MTL or CO is running parrallel to joist/bearer

Ensure the grate is lower than tile

Compressed sheeting, plywood or similar

MEMBRANE

Rebate

Timber joist or bearer

PIPE

Bend

PIPE

Provide access to drain pipes for cleaning

Caulk where channel and tile will meet before laying tile.
Caulk over channel to finish.

When 100i20 MTL or CO is running perpendicular to joist/bearer

Compressed sheeting plywood or similar

Joist or bearer

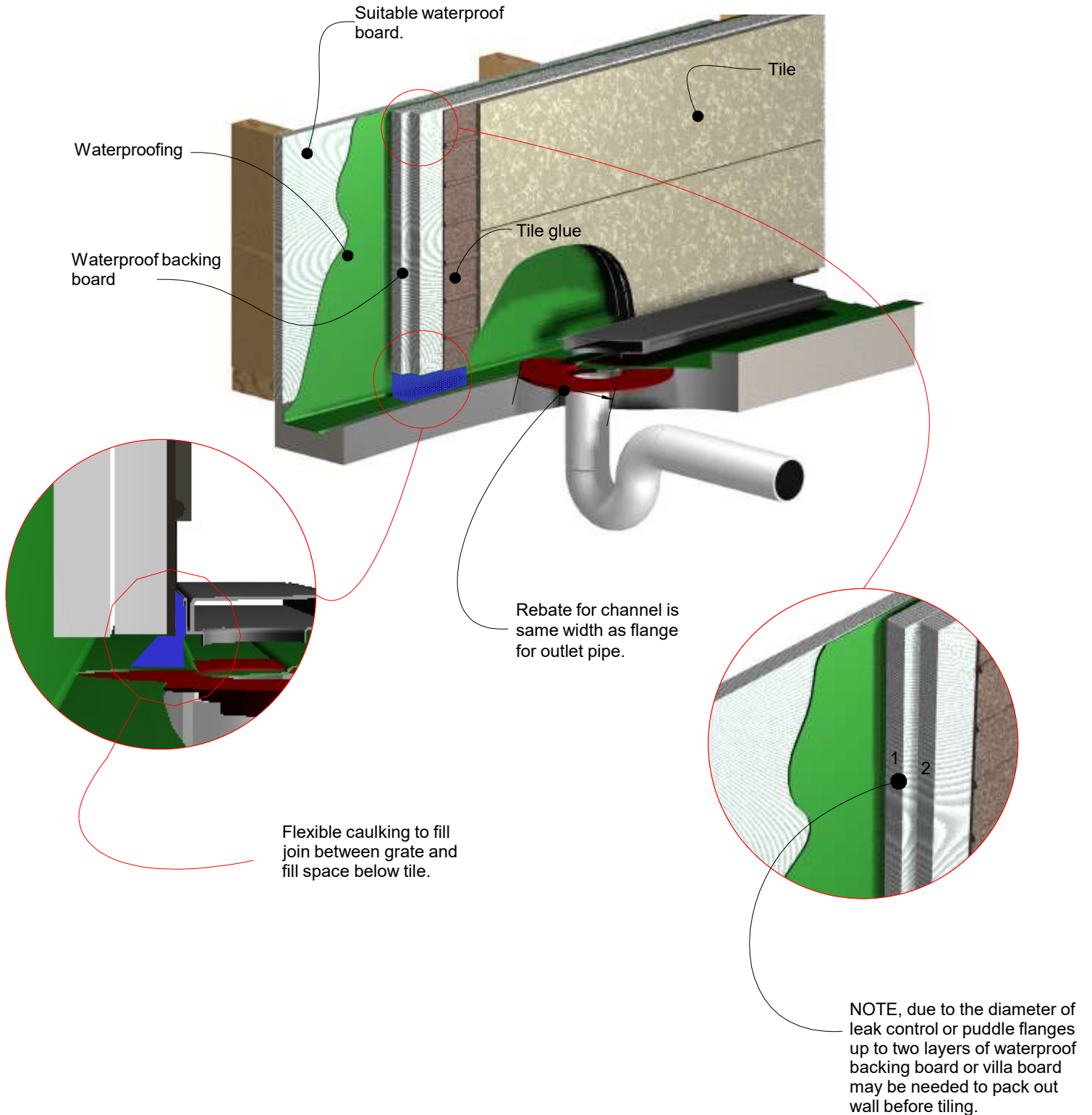Rebate created in sheeting.

membrane

NOTE: For exterior application allow for expansion of 1mm per metre by using quality suitable flexible sealant on channel joins.

100i20 MTL or CO Against Wall

For 100ARi20MTL, 100ARiCO20, 100MNDi20MTL, 100MNDiCO20, 100PSi20MTL, 100PSi20CO, 100TRi20MTL, 100TRiCO20, 100PSSiMTL, 100PASiMTL
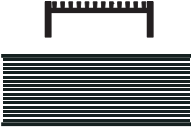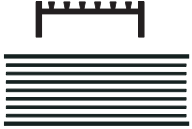
Stormtech™

Suitable waterproof board.

Tile

Waterproofing

Tile glue

Waterproof backing board

Rebate for channel is same width as flange for outlet pipe.

Flexible caulking to fill join between grate and fill space below tile.

1 2

NOTE, due to the diameter of leak control or puddle flanges up to two layers of waterproof backing board or villa board may be needed to pack out wall before tiling.

Order and Quote Form

Made-to-Length Linear Drainage

Stormtech™

Select Grate Style

- ☐ **AR Architectural** 2mm wire 2.5mm gap
- ☐ **TR Standard** 3mm wire 5mm gap
- ☐ **PS Punched Slot**
- ☐ **MND Marc Newson**
- ☐ **PAS Punched Angle Slot**
- ☐ **PPS Punched Perpendicular Slot**

Tray Profiles

100 Range

106mm · 23mm
Profile 1

106mm · NOT AVAILABLE WITH MND · 42mm
Profile 2

65 Range

72mm · 27mm
Profile 3

72mm · NOT AVAILABLE WITH MND · 42mm
Profile 4

Specify Size, Outlet and Profile Required

Drain 1

_____ mm

_____ mm

Profile Required
☐ 1 ☐ 2 ☐ 3 ☐ 4

Outlet Size
☐ 38mm ☐ 44mm ☐ 51mm
☐ 63mm ☐ 76mm ☐ 89mm

Drain 2

_____ mm

_____ mm

Profile Required
☐ 1 ☐ 2 ☐ 3 ☐ 4

Outlet Size
☐ 38mm ☐ 44mm ☐ 51mm
☐ 63mm ☐ 76mm ☐ 89mm

Drain 3

_____ mm

_____ mm

Profile Required
☐ 1 ☐ 2 ☐ 3 ☐ 4

Outlet Size
☐ 38mm ☐ 44mm ☐ 51mm
☐ 63mm ☐ 76mm ☐ 89mm

Please Note

See AS3500 standard & local regulator for specific outlet/drain requirements.
Outlet Size must be smaller than selected Range.
MND grate style not available with Profiles 2 or 4.
Stainless Steel Grade is 316 unless specified.
Made-to-Length (MTL) minimum charge of 800mm.
Grates longer than 1500mm are supplied in multiple sections.
Channels are a maximum 3000mm in one piece, channels over 3000mm are supplied in multiple sections with joiner.
+/- 2mm tolerance on dimensions.

Full Name

Company Name

Telephone

Email Address

Order Number

Stormtech Quote Number

Signature

Order and Quote Form

Made-to-Length
Linear Drainage › Multiple Outlet

Stormtech™

Select Grate Style

☐ **AR Architectural**
2mm wire
2.5mm gap

☐ **TR Standard**
3mm wire
5mm gap

☐ **PS Punched Slot**

☐ **MND Marc Newson**

☐ **PAS Punched Angle Slot**

☐ **PPS Punched Perpendicular Slot**

Tray Profiles

100 Range

106mm | 23mm
Profile 1

106mm
NOT AVAILABLE WITH MND | 42mm
Profile 2

65 Range

72mm | 27mm
Profile 3

72mm
NOT AVAILABLE WITH MND | 42mm
Profile 4

Specify Length, Outlet Positions/Size and Profile Required

mm (×5 positions) — mm (overall)
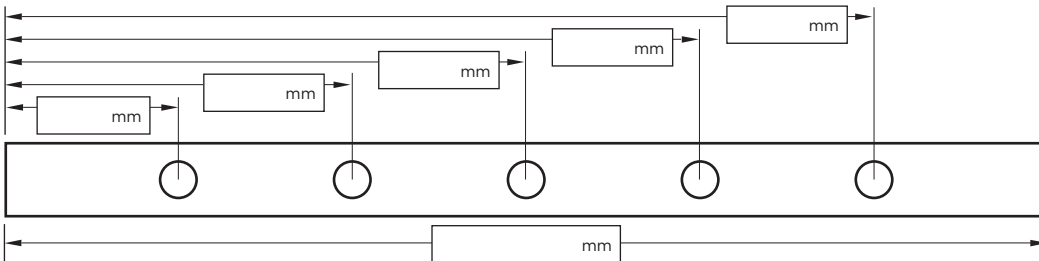
Drain 1

Profile Required

☐ 1 ☐ 2 ☐ 3 ☐ 4

Outlet Size

☐ 38mm ☐ 44mm ☐ 51mm
☐ 63mm ☐ 76mm ☐ 89mm

mm (×5 positions) — mm (overall)
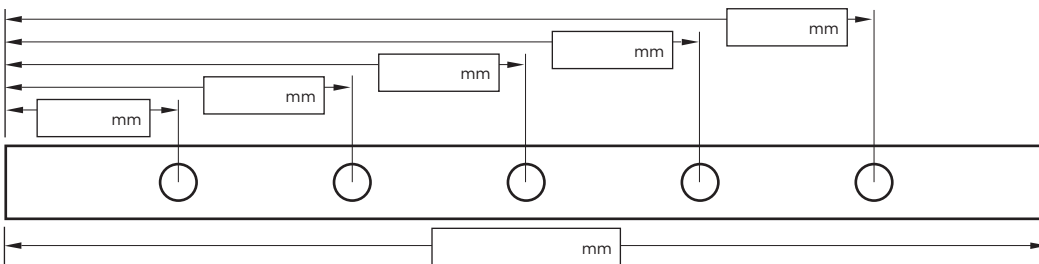
Drain 2

Profile Required

☐ 1 ☐ 2 ☐ 3 ☐ 4

Outlet Size

☐ 38mm ☐ 44mm ☐ 51mm
☐ 63mm ☐ 76mm ☐ 89mm

NOTE: See AS3500 standard & local regulator for specific outlet/drain requirements. Outlet Size must be smaller than selected Range. MND grate style not available with Profiles 2 or 4. Stainless Steel Grade is 316 unless specified. Made-to-Length (MTL) minimum charge of 800mm. Grates over 1500mm are supplied in multiple sections. Channels over 3000mm are supplied in multiple sections with joiner. +/- 2mm tolerance on dimensions.

Full Name

Email Address

Company Name

Order Number

Stormtech Quote Number

Telephone

Signature

Phone 01483 346 460
Email technical@slimlinedrain.co.uk

slimlinedrain.co.uk

Visit **slimlinedrain.co.uk**