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

Telephone 1300 653 403  |  Web stormtech.com.au

100TiXi20MTL
Tile Insert Drain
100TiXi20MTL
Tile Insert Drain

All Stainless Steel drainage unit made to length with specified outlet position.
Tile Insert Single Slot / 1.5mm thick.

SPECIFICATIONS + DIMENSIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>100TiXi20MTL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>100</td>
</tr>
<tr>
<td>Grate Style</td>
<td>Ti</td>
</tr>
<tr>
<td>Category</td>
<td>Made-to-Length</td>
</tr>
<tr>
<td>Channel Material</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Steel Grade</td>
<td>316</td>
</tr>
</tbody>
</table>

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

STORMTECH COLOUR FINISHES

- Stainless Steel
- Polished Stainless Steel
- Matt Black
- Satin Black
- Bronze
- Copper
- Brass

PRODUCT APPLICATIONS

- Bathroom Drainage
- Balcony Drainage
- Commercial Drainage
- Courtyard / Patio Drainage
- Hospitality Drainage
- Shower Drainage
- Special Needs Drainage
- Wet Area Drainage

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100Tii Bathroom
For 100Tii20CO, 100Tii20MTL, 100Tii30MTL, 100TiiCo30, 100Tii40MTL, 100TiXi20MTL

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

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

Cut tile to width and fix into tile receiver tray. To ensure no metal contamination causes spalling below the tile. It is recommended to use a paint-on waterproof membrane on the interior of the tile receiver tray before tiling to ensure no contaminants are trapped below tile tile against the stainless.

Tile cement (glue)
Channel
Flange
Outlet
substrate
Waterproofing

Caulk along channel edge before laying tile glue or tile. Caulk over channel as required.

Tile sits 1-2mm higher than grate. Caulk over channel as required.
100Tii Concrete Floor or Deck
For 100Tii20CO, 100Tii20MTL, 100Tii30MTL, 100TiiCo30, 100TiXi20MTL, 100Tii40MTL.

Slab on Ground

Waterproofing is fixed to the floor flange

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

Caulk bottom of tile to edge of Stormtech

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.

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

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Drawings are not to scale. Use dimensions shown. Patent number: 733361
info@stormtech.com.au, www.stormtech.com.au
100Tii Threshold installation suggestion
For 100Tii20CO, 100Tii20MTL, 100Tii30MTL, 100TiiCo30, 100TiXi20MTL, 100Tii40MTL.

Standard hinged door

Top hung slider

Bi-fold door

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

Waterproofing

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

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

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

NOTE, ALWAYS ensure the waterproofing is completed before laying the Stormtech.
When 100Tii is running parallel to joist/bearer

- Compressed sheeting, plywood or similar
- Ensure the grate is lower than tile
- Provide access to drain pipes for cleaning
- Rebate created in sheeting.
- Caulk where channel and tile will meet before laying tile.
- Caulk over channel to finish.

When 100Tii is running perpendicular to joist/bearer

- Compressed sheeting plywood or similar
- Rebate created in sheeting.
- membrane

NOTE: For exterior application allow for expansion of 1mm per 3 metres by using quality suitable flexible sealant on channel joins.
100Tii Against Wall

For 100Tii20CO, 100Tii20MTL, 100Tii30MTL, 100TiiCo30, 100TiXi20MTL, 100Tii40MTL.

- Suitable waterproof board.
- Waterproofing
- Waterproof backing board
- Tile glue
- Tile
- Rebate for channel is same width as flange for outlet pipe.
- Flexible caulking to fill join between grate and fill space below tile.

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
100TiXi20MTL › Single Slot Tile Insert

Tray and Tile Insert Profile

![Diagram of 100TiXi20MTL Tray and Tile Insert Profile]

100TiXi20MTL
Suits tiles up to 10mm thick

Specify Drain Length / Outlet Position & Outlet Size

Drain 1

<table>
<thead>
<tr>
<th>Total Length</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outlet</td>
<td>mm</td>
</tr>
<tr>
<td>Outlet Position</td>
<td>mm</td>
</tr>
</tbody>
</table>

Required Outlet Size
- 38mm
- 44mm
- 51mm
- 63mm
- 76mm
- 89mm

Drain 2

<table>
<thead>
<tr>
<th>Total Length</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outlet</td>
<td>mm</td>
</tr>
<tr>
<td>Outlet Position</td>
<td>mm</td>
</tr>
</tbody>
</table>

Required Outlet Size
- 38mm
- 44mm
- 51mm
- 63mm
- 76mm
- 89mm

Please Note
See AS3500 standard & local regulator for specific outlet and drainage requirements. Stainless Steel Grade is 316 unless specified. Made-to-Length (MTL) minimum charge of 800mm.

Tile Inserts longer than 1200mm 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

Phone 1300 653 403 | Fax 02 4423 5552
Email info@stormtech.com.au

stormtech.com.au