KemDrain™

DESIGN & INSTALLATION GUIDE

316L STAINLESS STEEL INDUSTRIAL FLOOR DRAINS & LINEAR DRAINAGE CHANNELS
MM Kembla have been providing cost-effective and dependable plumbing and drainage solutions since 1916.

This experience and knowledge has been combined with European engineering to produce KemDrain™ Stainless Drainage solutions. KemDrain™ Stainless offers you peace of mind and the simplicity that you want.

HIGH QUALITY 316L STAINLESS STEEL

- KemDrain™ Stainless products are manufactured using high quality 316L grade stainless steel
- The low carbon content of 316L stainless steel eliminates carbide precipitation at welds during manufacture, improving corrosion resistance
- Increased molybdenum content increases corrosion resistance
- All KemDrain™ Stainless products are thoroughly cleaned, pickled and passivated to ensure optimum corrosion resistance
**KEMDRAIN™ STAINLESS FLOOR DRAINS**
- Fast and easy installation
- Hygienic design features
- Hydraulically efficient
- Strong and durable
- Watermark certified (WM # 23231)
- 1.5 mm 316L sheet material for strength and durability
- Quality TIG welded construction
- 200 mm and 300 mm inlets with square and round tops and 110 mm and 160 mm outlets
- Provision for fixing of optional tamper proof secondary screens in outlets
- Epoxy filled edges are standard on square top drains and solid stainless steel edges are standard on round top drains, ensuring easier installation and improved durability
- A range of grates to suit various traffic conditions including anti-slip
- Optional low profile or deep, high capacity strainer baskets
- Full 75mm seal depth, Watermark compliant, removable water trap option, with easy clean functionality

**KEMDRAIN™ STAINLESS LINEAR DRAINAGE CHANNELS**
- No on-site welding - Fast and easy installation
- Hygienic design features and hydraulically efficient
- Strong and durable TIG welded 316L stainless steel, 2mm thick for grated channels and 1.5mm for slot channels construction
- Slot drain and grated channels from 110 mm up to 410 mm grate widths
- Fully customised to suit your project
- Drainage fall built-in
- Fast and simple design and approval process
- Epoxy filled edges are standard, ensuring easier installation and improved durability
- Levelling feet and anchorage tabs provided
- A range of grates to suit various traffic conditions including anti-slip and heel safe
- Easy access for cleaning and hygienic design with rounded internal edges, v-profile invert and replaceable gratings
- Integrated strainer baskets and water traps available for the floor drain outlets
LOAD CLASSES FOR GRATINGS

The selection of the grating and associated load class is the responsibility of the designer. When selecting the correct load class of gratings, factors for consideration should include, but not be limited to:

- How will the grating be loaded? Will it have a point load or distributed load?
- Will there be wheel loads, if yes, what wheel type and size?
- What will be the frequency of the load application, several times a day, several dozen times a day or even several hundred times a day?

Please note that the stated load classes are assumed for ideal load conditions (static). In reality the loads on gratings are much more complex (dynamic). If in doubt a higher load class should be considered.

LOAD CLASSIFICATION OF COVERS AND GRATES

(Partial Extract of Table 3.1 from AS 3996-2006 Access Covers and Grates)

<table>
<thead>
<tr>
<th>Class</th>
<th>Typical Use</th>
<th>Nominal Wheel Loading kg</th>
<th>Serviceability Design Load kN</th>
<th>Ultimate Limit State Design Load kN</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Areas (including footways) accessible only to pedestrians and pedal cyclists and closed to other traffic (extra light duty)</td>
<td>330</td>
<td>6.7</td>
<td>10</td>
</tr>
<tr>
<td>B</td>
<td>Areas (including footways and light tractor paths) accessible to vehicles (excluding commercial vehicles) or livestock (light duty)</td>
<td>2670</td>
<td>53</td>
<td>80</td>
</tr>
<tr>
<td>C</td>
<td>Malls and areas open to slow moving commercial vehicles (medium duty)</td>
<td>5000</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>D</td>
<td>Carriageways of roads and areas open to commercial vehicles (heavy duty)</td>
<td>8000</td>
<td>140</td>
<td>210</td>
</tr>
</tbody>
</table>

SLIP RESISTANCE FOR GRATINGS

The slip resistance of pedestrian surfaces can be measured using AS4586 and the oil-wet inclining platform test.

Ratings are calculated according to the angle achieved in the test, with R9 classified surfaces achieving the lowest level of grip and R13 classified surfaces achieving the highest level of grip.

The tested ratings are shown in this document with the various grate types.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Corrected mean overall acceptance angle in degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>R9</td>
<td>≥6 &lt;10</td>
</tr>
<tr>
<td>R10</td>
<td>≥10 &lt;19</td>
</tr>
<tr>
<td>R11</td>
<td>≥19 &lt;27</td>
</tr>
<tr>
<td>R12</td>
<td>≥27 &lt;35</td>
</tr>
<tr>
<td>R13</td>
<td>≥35</td>
</tr>
</tbody>
</table>
FLOOR DRAINS

FLOOR DRAIN COMPONENTS

GRATE
Grates are available in various shapes, dimensions and finishes. The gratings are selected according to the loads and location of installation. Grate types include: anti-slip mesh, anti-slip ladder, plate and perforated sheet. Nominal 200 mm and 300 mm sizes are provided in square and round shapes.

WASTE BASKETS
Waste baskets provide point source control of solids, preventing overloading sewers and waste water treatment plants. Use shallow version with internal water trap or deep version by itself. 4mm or 2mm perforations available.

TRAP
KemDrain™ Traps are very functional and easy to maintain. Watermark approved 75 mm water trap depth prevents the discharge of foul odours from the sewer. Easy removal for access to the sewer and quick cleaning. Must be used with shallow waste basket.

SECONDARY STRAINER
A secondary strainer reduces the risk of unintentional discharge of solids to the sewer during cleaning and maintenance. Welded locking ring and tamper resistant screws secure the secondary strainer in position. 4mm or 2mm perforations available.

BODY
It's round shape and smooth radius bends are hygienic and efficient. Weld joints are ground to remove sharp edges to ensure safe installation and cleaning. Epoxy filled edges are standard on square top drains and solid stainless steel edges are standard on round top drains, ensuring easier installation and improved durability. Nominal 200 mm and 300 mm inlets in square and round shapes are provided.

OUTLETS
DN100 with 110 mm outside diameter and DN150 with 160 mm outside diameter are available.
# SQUARE FLOOR DRAINS

## 200 x 200 SQUARE TOP FLOOR DRAIN

<table>
<thead>
<tr>
<th>Item Code</th>
<th>W (mm)</th>
<th>DN (mm)</th>
<th>D (mm)</th>
<th>Grate (mm)</th>
<th>H (mm)</th>
<th>H1 (mm)</th>
<th>B1 (mm)</th>
<th>B2 (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X97800</td>
<td>197</td>
<td>110</td>
<td>157</td>
<td>163</td>
<td>218</td>
<td>75</td>
<td>35</td>
<td>120</td>
</tr>
</tbody>
</table>

## 200 x 200 SQUARE TOP FLOOR DRAIN ACCESSORIES

- X97806 REMOVABLE TRAP - WaterMark approved 75mm seal for 157mm body
- X97808 BASKET 4MM perforations - for use with removable trap for 157mm body
- X97809 DEEP BASKET 4MM perforation - for use without trap for 157mm body
- X97812 SECONDARY STRAINER 4MM perforations - for 110MM outlet
- X97855 BASKET 2MM perforations - for use with removable trap for 157mm body
- X97856 DEEP BASKET 2MM perforation - for use without trap for 157mm body
- X97859 SECONDARY STRAINER 2MM perforations - for 110MM outlet
- X97825 GRATE - Anti-Slip Mesh for 200 x 200 Square Top Drain
- X97847 GRATE - Ant-Slip Ladder for 200 x 200 Square Top Drain
- X97827 GRATE - Perforated Sheet for 200 x 200 Square Top Drain
- X97828 GRATE - Solid Plate for 200 x 200 Square Top Drain

## 300 x 300 SQUARE TOP FLOOR DRAIN

<table>
<thead>
<tr>
<th>Item Code</th>
<th>W (mm)</th>
<th>DN (mm)</th>
<th>D (mm)</th>
<th>Grate (mm)</th>
<th>H (mm)</th>
<th>H1 (mm)</th>
<th>B1 (mm)</th>
<th>B2 (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X97801</td>
<td>300</td>
<td>110</td>
<td>255</td>
<td>265</td>
<td>244</td>
<td>75</td>
<td>35</td>
<td>135</td>
</tr>
<tr>
<td>X97802</td>
<td>300</td>
<td>160</td>
<td>255</td>
<td>265</td>
<td>244</td>
<td>75</td>
<td>35</td>
<td>135</td>
</tr>
</tbody>
</table>

## 300 x 300 SQUARE TOP FLOOR DRAIN ACCESSORIES

- X97807 REMOVABLE TRAP - WaterMark approved 75mm seal for 255mm body
- X97810 BASKET 4MM perforations - for use with removable trap for 255mm body
- X97811 DEEP BASKET 4MM perforation - for use without trap for 255mm body
- X97812 SECONDARY STRAINER 4MM perforations - for 110MM outlet
- X97813 SECONDARY STRAINER 4MM perforations - for 160MM outlet
- X97857 BASKET 2MM perforations - for use with removable trap for 255mm body
- X97858 DEEP BASKET 2MM perforation - for use without trap for 255mm body
- X97859 SECONDARY STRAINER 2MM perforations - for 110MM outlet
- X97860 SECONDARY STRAINER 2MM perforations - for 160MM outlet
- X97829 GRATE - Anti-Slip Mesh for 300 x 300 Square Top Drain
- X97849 GRATE - Ant-Slip Ladder for 300 x 300 Square Top Drain
- X97831 GRATE - Perforated Sheet for 300 x 300 Square Top Drain
- X97832 GRATE - Solid Plate for 300 x 300 Square Top Drain

## STANDARD SQUARE GRATE OPTIONS

For custom drains and grates contact MM Kembla.

- **Anti-Slip Mesh**
- **Anti-Slip Ladder**
- **Perforated Sheet**
- **Plate**

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**SHALLOW BASKET - WITH TRAP**

**DEEP BASKET - NO TRAP**
# ROUND FLOOR DRAINS

## 200 ROUND TOP FLOOR DRAIN

<table>
<thead>
<tr>
<th>Item Code</th>
<th>W (mm)</th>
<th>DN (mm)</th>
<th>D (mm)</th>
<th>Grate (mm)</th>
<th>H (mm)</th>
<th>H1 (mm)</th>
<th>B1 (mm)</th>
<th>B2 (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X97803</td>
<td>198</td>
<td>110</td>
<td>157</td>
<td>188</td>
<td>215</td>
<td>75</td>
<td>35</td>
<td>120</td>
</tr>
</tbody>
</table>

## 200 ROUND TOP FLOOR DRAIN ACCESSORIES

- X97806 REMOVABLE TRAP - WaterMark approved 75mm seal for 157mm body
- X97808 BASKET 4MM perforations - for use with removable trap for 157mm body
- X97809 DEEP BASKET 4MM perforation - for use without trap for 157mm body
- X97812 SECONDARY STRAINER 4MM perforations - for 110MM outlet
- X97855 BASKET 2MM perforations - for use with removable trap for 157mm body
- X97856 DEEP BASKET 2MM perforation - for use without trap for 157mm body
- X97859 SECONDARY STRAINER 2MM perforations - for 110MM outlet
- X97834 GRATE - Anti-Slip Mesh for 200 Round Top Drain
- X97851 GRATE - Anti-Slip Ladder for 200 Round Top Drain
- X97833 GRATE - Perforated Sheet for 200 Round Top Drain
- X97836 GRATE - Solid Plate for 200 Round Top Drain
- X97837 GRATE - Sealed Cover for 200 Round Top Drain - requires vacuum handle
- X97838 GRATE - Sealed Cover for 200 Round Top Drain with key bolt
- X97961 VACUUM HANDLE - lifting device for sealed cover

## 300 ROUND TOP FLOOR DRAIN

<table>
<thead>
<tr>
<th>Item Code</th>
<th>W (mm)</th>
<th>DN (mm)</th>
<th>D (mm)</th>
<th>Grate (mm)</th>
<th>H (mm)</th>
<th>H1 (mm)</th>
<th>B1 (mm)</th>
<th>B2 (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X97804</td>
<td>300</td>
<td>160</td>
<td>255</td>
<td>290</td>
<td>239</td>
<td>75</td>
<td>35</td>
<td>135</td>
</tr>
<tr>
<td>X97805</td>
<td>300</td>
<td>110</td>
<td>255</td>
<td>290</td>
<td>239</td>
<td>75</td>
<td>35</td>
<td>135</td>
</tr>
</tbody>
</table>

## 300 ROUND TOP FLOOR DRAIN ACCESSORIES

- X97807 REMOVABLE TRAP - WaterMark approved 75mm seal for 255mm body
- X97810 BASKET 4MM perforations - for use with removable trap for 255mm body
- X97811 DEEP BASKET 4MM perforation - for use without trap for 255mm body
- X97812 SECONDARY STRAINER 4MM perforations - for 110MM outlet
- X97813 SECONDARY STRAINER 4MM perforations - for 160MM outlet
- X97857 BASKET 2MM perforations - for use with removable trap for 255mm body
- X97858 DEEP BASKET 2MM perforation - for use without trap for 255mm body
- X97859 SECONDARY STRAINER 2MM perforations - for 110MM outlet
- X97860 SECONDARY STRAINER 2MM perforations - for 160MM outlet
- X97840 GRATE - Anti-Slip Mesh for 300 Round Top Drain
- X97853 GRATE - Anti-Slip Ladder for 300 Round Top Drain
- X97839 GRATE - Perforated Sheet for 300 Round Top Drain
- X97842 GRATE - Solid Plate for 300 Round Top Drain
- X97843 GRATE - Sealed Cover for 300 Round Top Drain - requires vacuum handle
- X97844 GRATE - Sealed Cover for 300 Round Top Drain with key bolt
- X97961 VACUUM HANDLE - lifting device for sealed cover

## STANDARD ROUND GRATE OPTIONS

For custom drains and grates contact MM Kembla.

- Anti-Slip Mesh
- Anti-Slip Ladder
- Perforated Sheet
- Plate
- Sealed Cover with key bolt
- Sealed Cover

R13 A  R12 B  R10 A  R10 B  R10 B  R10 B
FLOOR DRAIN FLOW RATES

KEMDRAIN FLOOR DRAIN FLOW RATES WITH VARIOUS ACCESSORY OPTIONS

<table>
<thead>
<tr>
<th>Floor Drain Product (Top/Outlet)</th>
<th>Outlet Size</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
<th>Option 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>X97800 &amp; X97803 (200/110)</td>
<td>110mm</td>
<td>4.30 l/s</td>
<td>3.35 l/s</td>
<td>3.45 l/s</td>
<td>2.53 l/s</td>
</tr>
<tr>
<td>X97801 &amp; X97804 (300/110)</td>
<td>110mm</td>
<td>6.40 l/s</td>
<td>4.90 l/s</td>
<td>5.50 l/s</td>
<td>4.00 l/s</td>
</tr>
<tr>
<td>X97802 &amp; X97805 (300/160)</td>
<td>160mm</td>
<td>11.10 l/s</td>
<td>8.10 l/s</td>
<td>8.95 l/s</td>
<td>5.95 l/s</td>
</tr>
</tbody>
</table>

OPTION 1 - Mesh or Ladder Grate & Deep Filter Basket Installed. No Secondary Strainer Screen or trap.
OPTION 2 - Mesh or Ladder Grate, Deep Filter Basket & Secondary Strainer Screen Installed. No trap.
OPTION 3 - Mesh or Ladder Grate, Shallow Filter Basket & Removable Water Trap Installed. No Secondary Strainer Screen.
OPTION 4 - Mesh or Ladder Grate, Shallow Filter Basket, Removable Water Trap and Secondary Strainer Screen Installed.

INSPECTION POINTS

FEATURES
- highly durable
- easy installation
- cover with EPDM seal eliminates odours escaping - screw lock covers
- round shape eliminates installation orientation issues

ROUND TOP 110MM OUTLET INSPECTION POINT

<table>
<thead>
<tr>
<th>Item Code</th>
<th>W (mm)</th>
<th>DN (mm)</th>
<th>H (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X97814</td>
<td>157</td>
<td>110</td>
<td>150</td>
</tr>
</tbody>
</table>

ROUND TOP 110 MM INSPECTION POINT ACCESSORIES

- X97815 Smooth plate 8.0 mm thick for 110 mm outlet inspection point
- X97816 Anti-slip plate 8.0 mm thick for 110 mm outlet inspection point
- X97817 EPDM gasket for 110 mm outlet inspection point
- X97823 Set of locking screws (3 pcs)
- X97818 Internal plug for 110mm outlet inspection point

ROUND TOP 160MM OUTLET INSPECTION POINT

<table>
<thead>
<tr>
<th>Item Code</th>
<th>W (mm)</th>
<th>DN (mm)</th>
<th>H (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X97819</td>
<td>201</td>
<td>160</td>
<td>150</td>
</tr>
</tbody>
</table>

ROUND TOP 160 MM INSPECTION POINT ACCESSORIES

- X97820 Smooth plate 8.0 mm thick for 160 mm outlet inspection point
- X97821 Anti-slip plate 8.0 mm thick for 160 mm outlet inspection point
- X97822 EPDM gasket for 160 mm outlet inspection point
- X97823 Set of locking screws (3 pcs)
- X97824 Internal plug for 160mm outlet inspection point

Smooth or Anti-Slip Cover

R10 B

Gasket

Anti-odour plug

W

H

DN
LINEAR DRAINAGE CHANNELS

KEMDRAIN™ STAINLESS LINEAR DRAINAGE CHANNELS FEATURES:

- Epoxy infill for edges is standard, making installation easier and the edges more durable
- A range of grates to suit various traffic conditions including anti-slip and heel-safe
- Efficient hydraulic performance with v-profiled inverts as standard
- Each channel has levelling feet and anchorage tabs to assist with fast, trouble-free installation
- No welding on site. Channels up to 4 metres long are supplied as a complete unit. For channels over 4 metres in length the design is modular and sections are joined via provided flange and gasket kits.
- Complete system, no hidden extras
- Factory quality assurance
- Fast and simple design and approval process
- Drainage fall built-in
- Fully customised to suit your project
- Slot drain and grated channels from 110 mm up to 410 mm grate widths
- High quality 316L grade stainless manufacture
- Easy access for cleaning and hygienic design with rounded internal edges, v-profile invert, replaceable gratings, integrated strainer baskets and water traps available for the floor drain outlets
- The inspection opening to the sewer is located in the outlet
LINEAR DRAINAGE CHANNELS

KEMDRAIN™ STAINLESS STANDARD LINEAR CHANNELS

<table>
<thead>
<tr>
<th>Product Code</th>
<th>W (mm)</th>
<th>G</th>
<th>Wh</th>
<th>hp min</th>
<th>hp max*</th>
<th>GD</th>
</tr>
</thead>
<tbody>
<tr>
<td>KEMDRAIN™ CHANNEL C150</td>
<td>150</td>
<td>110</td>
<td>80</td>
<td>75</td>
<td>180</td>
<td>30</td>
</tr>
<tr>
<td>KEMDRAIN™ CHANNEL C200</td>
<td>200</td>
<td>160</td>
<td>130</td>
<td>75</td>
<td>180</td>
<td>30</td>
</tr>
<tr>
<td>KEMDRAIN™ CHANNEL C250</td>
<td>250</td>
<td>210</td>
<td>180</td>
<td>75</td>
<td>180</td>
<td>30</td>
</tr>
<tr>
<td>KEMDRAIN™ CHANNEL C300</td>
<td>300</td>
<td>260</td>
<td>230</td>
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<td>180</td>
<td>30</td>
</tr>
<tr>
<td>KEMDRAIN™ CHANNEL C350</td>
<td>350</td>
<td>310</td>
<td>280</td>
<td>75</td>
<td>180</td>
<td>40</td>
</tr>
<tr>
<td>KEMDRAIN™ CHANNEL C400</td>
<td>400</td>
<td>360</td>
<td>330</td>
<td>75</td>
<td>180</td>
<td>40</td>
</tr>
</tbody>
</table>

* If greater depth required please contact MM Kembla

STANDARD CHANNEL GRATING OPTIONS
For custom channels and grates contact MM Kembla.

- Anti-Slip Mesh Grating
- Anti-Slip Ladder Grating
- Plate Grating
- Perforated Sheet Grating
- Wedge Wire Heel Safe Grating

CHANNEL EDGE FINISHING
The edge finishing should depend on the flooring type and waste water temperature. Options include:

1. downward flange (standard)
2. flange
3. raised back edge
4. tightly folded edge
KEMDRAIN™ STAINLESS SLOT CHANNEL

An effective and simple method for draining surfaces where high flow capacity is not required. A perfect solution for rooms with condensate dripping from machinery or A/C systems: bakeries, dairies and swimming pools, as a separation of wet and dry areas.

* If greater depth required please contact MM Kembla
LINEAR DRAINAGE CHANNELS

KEMDRAIN™ STAINLESS STANDARD LINEAR CHANNEL DESIGN

Typical layout of the channel is shown in the figure below. The placement of floor drains and the channel route depends on the flooring design and the amount of water to be drained from the floor. Standard and slot channels can be combined.

The channel route should be decided by the design engineer in cooperation with the process engineer. In case of any technical questions relating to the drainage system, please do not hesitate to contact MM Kembla. The channel outlet may be fitted with a water trap and strainer basket as required.

Horizontal water-proof insulation can be factory integrated into the flange of the floor drain. This solution assures leak tightness in the area of out-flow passage through the floor.

CHANNEL CONNECTION

Channels are divided into sections appropriate for transport, as a standard their length does not exceed 4 meters.

Standard length of a channel with a single outlet should not exceed 10 metres.

At the connection point the channel is approximately 25 mm lower, due to the presence of the flange. It is also possible to weld the channel directly at the construction site.

All channel components are individually numbered to allow easy assembly.

Channel height identical at connected flanges

EPDM seal

Individual number markings on each piece for easy assembly
LINEAR CHANNEL OUTLET OPTIONS

The table below shows the standard options available for channel outlets. The quantity and size of outlets will depend on factors including the catchment area, channel size, required flow rates and cleaning frequency where baskets or traps are incorporated.

An outlet extension box is required when outlet bodies do not fit within the channel section.

The extension box is always 10 mm deeper than the channel it is connected to. Due to the fact that the grating has bearing elements of one direction only, the extension is asymmetrical, which prevents incorrect installation.

<table>
<thead>
<tr>
<th>KemDrain Channel</th>
<th>Outlet Diameter (mm)</th>
<th>Body Diameter (mm)</th>
<th>Extension Size Length x Width (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C60 Slot</td>
<td>110</td>
<td>157</td>
<td>340 x 335</td>
</tr>
<tr>
<td>C60 Slot</td>
<td>110</td>
<td>255</td>
<td>340 x 335</td>
</tr>
<tr>
<td>C60 Slot</td>
<td>160</td>
<td>255</td>
<td>340 x 335</td>
</tr>
<tr>
<td>C150</td>
<td>110</td>
<td>157</td>
<td>340 x 335</td>
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<td>255</td>
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<td>340 x 335</td>
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<tr>
<td>C300</td>
<td>110</td>
<td>157</td>
<td>Not required</td>
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<tr>
<td>C300</td>
<td>110</td>
<td>255</td>
<td>340 x 335</td>
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<tr>
<td>C300</td>
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<td>255</td>
<td>340 x 335</td>
</tr>
<tr>
<td>C350</td>
<td>110</td>
<td>157</td>
<td>Not required</td>
</tr>
<tr>
<td>C350</td>
<td>110</td>
<td>255</td>
<td>Not required</td>
</tr>
<tr>
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INSTALLATION

INSTALLATION OF FLOOR DRAINS AND LINEAR CHANNELS

1. Ensure the pipe connection is at the required height.
2. For channels longer than 4 metres, before placement into final position, bolt all parts ensuring EPDM gaskets are installed to create a watertight seal.
3. Gently bend the anchor tabs until they are 90 degrees to the floor drain and/or channel side walls.
4. Install the floor drain/channel outlet to the in-ground pipe system.
5. Set the floor drain/channel height and check for level, using the provided levelling feet, ensuring the floor drain/channel is at the correct height. The floor drain/channel surround top surface should be 1-1.5 mm below the desired finished floor level, accounting for epoxy, tiling and so on.
6. Install suitable expansion joint and waterproofing detail around perimeter of floor drain/channel as per designers requirements.
7. Carefully weigh floor drain/channel down so as to prevent movement or floatation during concrete pour.
8. Cover the top of the floor drain/channel to prevent debris and concrete from entering the floor drain/channel and drainage system.
9. During the concrete pour, ensure concrete is carefully placed and compacted to eliminate voids and fully support the floor drain/channel.
10. Seal around the perimeter of the floor drain/channel with sealant as per designers requirements.
11. It is recommended to temporarily cover the floor drain channel to prevent construction debris and waste entering the drainage system prior to final commissioning.
12. Once the floor finishing is completed the floor drain channel covering may be removed and internal components including water traps, strainer baskets and grates should be installed.
316L STAINLESS STEEL
STRONG. DURABLE. HYGIENIC.

STAINLESS INDUSTRIAL FLOOR DRAINS AND LINEAR CHANNELS, ALL THE BENEFITS OF 316L STAINLESS STEEL WITH THE QUALITY, RELIABILITY AND SERVICE OF MM KEMBLA.

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