Surface Water Drainage Solutions

Easy to Install DIY Products

Channel and Grate surface water drainage systems for around the home and light commercial areas including:

- Backyards  |  Terraced areas
- Patios  |  Playgrounds  |  Walkways
- Swimming Pool areas*
- Car Parks and Driveways#

Easy As 1, 2, 3
Prepare  •  Install  •  Finish

*Flat upper surface of metal grates may show signs of slight indentation over time.

#Galvanised grates are not suitable around swimming pools or environments affected by salt water.

PLUS

Everhard’s range of Rainwater and Stormwater Pits to help prevent flooding during heavy rainfall.

MADE FROM RECYCLED MATERIALS

PROUDLY AUSTRALIAN MADE & OWNED POLYMER PRODUCTS

National Customer Service Number 13 1926
www.everhard.com.au

EVERHARD INDUSTRIES
Everything Water

90 YEARS 1926 - 2016
A family owned Australian business

90% AWAARDS FOR RECYCLED MATERIALS

MADE FROM RECYCLED MATERIALS
The Everhard EasyDRAIN™ system provides everything you need to create an effective, fully integrated surface water drainage system.

- Made from tough, recycled, UV stabilised polymer, the channel is super-light and easy to handle.
- Available in 1 metre or prejoined 3 metre lengths.
- Channel lengths easily join together and with other components by simply clicking together.
- 200mm paver-length segments which are moulded into the channel allow for easy cutting and rejoining using the converters.
- Connection to storm water pipes can be made to the moulded-in 90mm bottom outlet.
- The channel with polymer grates, once correctly installed in concrete, is rated to 1.5 tonne wheel loads.
- Various colours and a range of grates to choose from.
- Polymer parts are 100% Australian made.

**EasyDRAIN™ Converter**
- Acts as a joiner between cut ends of EasyDRAIN™ channel.
- Connects together male ends of channel to a Corner, Tee Piece or End Cap.
  
  Converter: 83370

**EasyDRAIN™ End Cap**
- Provides a finishing point where the stormwater pipe is connected to the base of the channel.
- Acts as a connecter to 90mm PVC stormwater pipe using the easy cut-out feature.
  
  End Cap Black: 83360

**EasyDRAIN™ Corner and EasyDRAIN™ Tee Piece**
- Allows for an easy change of direction.
- Simple click together joining mechanism with the EasyDRAIN™ channel.
- Various colours and a range of grates to choose from.
  
  Corner with Black Polymer Grate: 83330
  Tee Piece with Black Polymer Grate: 83400

**EasyDRAIN™ Slim Pit**
- Allows seamless connection to the stormwater system.
- Moulded outlets for joining to 75mm, 90mm and 100mm PVC pipe.
- Grates available in Black Polymer, Pressed Stainless Steel, Pressed Galvanised Steel and Eurodesign™ 316 Stainless Steel.
  
  Slim Pit with Black Polymer Grate: 83800

**Leaf Dome**
- Placed at the connection between the channel and stormwater pipe.
- Provides a barrier against leaves and other debris from entering the waterways.
  
  Leaf Dome: 84040

### EasyDRAIN™ Channel & Component Colours

<table>
<thead>
<tr>
<th>Colour/Size</th>
<th>Channel</th>
<th>Corner</th>
<th>Tee Piece</th>
<th>Slim Pit</th>
<th>End Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Black Polymer</strong></td>
<td>1 metre Channel only: 83310</td>
<td>Channel only: 83340</td>
<td>Channel only: 83410</td>
<td>Slim Pit only: 83810</td>
<td>End Cap: 83360</td>
</tr>
<tr>
<td></td>
<td>3 metres Channel only: 83313</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Terracotta Polymer</strong></td>
<td>1 metre Channel only: 83311</td>
<td>Channel only: 83341</td>
<td>Channel only: 83411</td>
<td></td>
<td>End Cap: 83361</td>
</tr>
<tr>
<td></td>
<td>3 metres Channel only: 83314</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sandstone Polymer</strong></td>
<td>1 metre Channel only: 83312</td>
<td>Channel only: 83342</td>
<td>Channel only: 83412</td>
<td></td>
<td>End Cap: 83362</td>
</tr>
<tr>
<td></td>
<td>3 metres Channel only: 83315</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Prepare Trench**
- Dig a trench that is 50mm deeper and wider than the Channel being installed.
- Place compacted bedding sand or concrete slurry in the base of the trench.
- Use a string line to ensure straightness and the correct finish height.
- Attach the grates to the Channel prior to installation.

**Install Channel**
- Connect the End Cap to ends of the Channel and seal with silicone.
- If required, cut the Channel to the desired length.
- To connect to PVC pipe, cut an outlet in the base of the Channel (or End Cap for standard EasyDRAIN™) as required.
- Connect lengths of Channel as necessary ensuring that the joints click together.

**Finish Installation**
- Place a suitable expansion material along the top edge of the Channel.
- Pour concrete around each side of the Channel ensuring that the base is completely immersed.
- Lightly compact and finish the concrete slightly above the surface level of the grate (approximately 2-3mm) to promote run off from the surrounding area into the drain.
The EasyDRAIN™ Compact drainage system allows for quick and easy installation to remove surface water fast.

- Easy to install, DIY product
- Tough UV stabilised polymer material
- Convenient and easy to handle 1 metre lengths
- Corner allows for a change of direction
- Simple click together joining mechanism
- Connects to 75mm, 90mm & 100mm PVC pipe
- Comes standard with heel friendly black polymer grate or pressed galvanised metal grate
- Components include end caps and leaf domes
- Black polymer parts are 100% Australian made from recycled materials.

**EasyDRAIN™ Compact Black Polymer Channel with Black Polymer Heel Friendly Grate**

- 83500
- 83600

**EasyDRAIN™ Compact Black Polymer Channel with Pressed Galvanised Steel Grate**

- 83501
- 83601

**Components**

- 83700
- 84040

Flat upper surface of metal grates may show signs of slight indentation over time if used in a driveway. Galvanised metal grates are not suitable around swimming pools or environments affected by salt water.

**Connecting a corner**

**Step 1**
Remove the grate from the Compact channel using a flat blade screwdriver. Flip the channel upside down and use a saw to cut between the ribs that are 200mm from the female end.

**Step 2**
Trim the ends with a Stanley knife so that the ribs are neat and all excess plastic is removed.

**Step 3**
Rotate the 200mm section so that the female end now matches up with the rib at the new end of the channel. **Now you have a 1m channel with two male ends.**

**Step 4**
Flip the channel to the right way up and clip the grate back into position. Now the channel and grate can be connected to the corner components on each end.
Innovative, yet simple approach to solving your drainage problems

- Available in two sizes - 75mm shallow and 160mm deep.
- Square trap design funnels rainwater directly into a connected stormwater pipe.
- Easy to install into any domestic or non-trafficable application.
- UV stabilised polymer material.
- Suits 90mm or 100mm PVC Pipe.
- Complete units with grates including black, grey sandstone and terracotta polymer and aluminium.
- 100% Australian made.

EasyDRAIN™ Rainwater Pit & Components

- Designed as a drainage collection point by itself or connected to EasyDRAIN™ Channel and Grate System.
- Made from tough recycled polymer.
- Easy to install.
- Suitable for use in domestic or non trafficable applications.
- 100% Australian made.

EasyDRAIN™ Leaf Basket

- Assists the flow of surface water by providing a barrier against leaves and other debris entering the waterways.
- Made from tough recycled polymer.
- Easy “drop in” installation.
- 190 x 190mm, 106mm deep.
- 100% Australian made.

EasyDRAIN™ Grate Options

- Black Polymer
- Terracotta Polymer
- Sandstone Polymer
- Grey Polymer
- Aluminium
- Heel Safe Stainless Steel

The EasyDRAIN™ Pit Boss provides a secure, water tight seal between the stormwater pit and 90mm or 100mm uPVC pipe, eliminating issues of pipe separation caused by subsidence and poor pipe connections.
Stormwater Pits & Accessories

With Everhard’s range of polymer stormwater pits and accompanying grates, covers and stormwater management devices, installation has never been easier.

Designed for both commercial and domestic applications, Everhard stormwater pits are injection moulded in strong, durable, UV resistant polypropylene and are ideal for many trafficable areas when properly installed. Providing both an economical and efficient solution for the removal of surface water to comply with AS/NZS 3500-2003, the entire range of stormwater pits can be used with confidence and permit easy installation.

The range: Series 300, 450 and 600
- Stormwater Pit
- Stormwater Riser
- Grates and Covers
- Stormwater management devices

Grates and Covers
Everhard has a range of grates and covers to suit almost every situation. From stylish, heel friendly EURODESIGN 316 Stainless Steel and light-weight aluminium to hard-wearing checkerplate, there is a grate or cover to suit domestic and commercial uses for the Everhard range of polymer pits.

Stormwater Management Devices
Tough polymer leaf baskets are available for the Series 300 Stormwater Pit. Galvanised steel Trash Screens are simply placed into position under the standard grate to provide an efficient and cost-effective guard against debris entering the stormwater drains. SQID® devices are made from polymer and stainless steel mesh and provide effective filtration. No modification is needed to existing pits, and no extra work is required for in new installations.

### Covers to Suit Polymer Stormwater Pits

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>SERIES 300</th>
<th>SERIES 450</th>
<th>SERIES 600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanised Checker Plate Covers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Galvanised Checker Plate Lockdown Covers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polymer Cover Class A (Series 300 shown)</td>
<td>84953</td>
<td></td>
<td>84921</td>
</tr>
<tr>
<td>Concrete Cover (including &quot;ELECTRICITY“ and &quot;COMCAB&quot;) Class B</td>
<td>21479/E/C</td>
<td>21479/E/C</td>
<td>21480/E/C</td>
</tr>
</tbody>
</table>

### Stormwater Management Devices

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Capacity Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>84811</td>
<td>Series 300S Stormwater Pit Case only</td>
<td>315 x 315</td>
<td>357 x 357</td>
<td>326</td>
<td>292 x 292</td>
<td>26L 1.8</td>
</tr>
<tr>
<td>84816</td>
<td>Series 300D Stormwater Pit Case only</td>
<td>315 x 315</td>
<td>357 x 357</td>
<td>452</td>
<td>292 x 292</td>
<td>37L 2.3</td>
</tr>
<tr>
<td>84221</td>
<td>Series 300 Stormwater Pit Riser</td>
<td>315 x 315</td>
<td>357 x 357</td>
<td>165</td>
<td>14L 1.0</td>
<td></td>
</tr>
<tr>
<td>80034</td>
<td>Series 450S Stormwater Pit Case only</td>
<td>450 x 450</td>
<td>565 x 565</td>
<td>383</td>
<td>435 x 435</td>
<td>62L 5.6</td>
</tr>
<tr>
<td>80001</td>
<td>Series 450D Stormwater Pit Case only</td>
<td>450 x 450</td>
<td>565 x 565</td>
<td>510</td>
<td>435 x 435</td>
<td>80L 8.0</td>
</tr>
<tr>
<td>80035</td>
<td>Series 450 Stormwater Pit Riser</td>
<td>450 x 450</td>
<td>565 x 565</td>
<td>300</td>
<td>60L 4.8</td>
<td></td>
</tr>
<tr>
<td>80010</td>
<td>Series 600 Stormwater Pit Case only</td>
<td>600 x 600</td>
<td>715 x 715</td>
<td>660</td>
<td>560 x 560</td>
<td>193L 14.0</td>
</tr>
<tr>
<td>80036</td>
<td>Series 600 Stormwater Pit Riser</td>
<td>600 x 600</td>
<td>715 x 715</td>
<td>300</td>
<td>108L 8.8</td>
<td></td>
</tr>
<tr>
<td>84921</td>
<td>SHALLOW: 99824 Deep: 99815</td>
<td>13500</td>
<td>13501</td>
<td>13502</td>
<td></td>
<td></td>
</tr>
<tr>
<td>84042</td>
<td>Leaf Basket</td>
<td>97903</td>
<td>97904</td>
<td>97905</td>
<td></td>
<td></td>
</tr>
<tr>
<td>84085</td>
<td>MaxiMaxi (NSW Only)</td>
<td>99812</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Disclaimer: All measurements are millimetres and are solely for reference purposes. Any changes resulting from technical advances of design may be made without prior notice. While every care has been exercised in compiling and publishing the information contained in these pages, Everhard accepts no responsibility for errors or omissions and all information is believed to be correct at the time of printing. Everhard reserves the right to delete or alter items without notice. Colours have been reproduced with as much accuracy as possible.