

RELN

- > Surfacewater
- > Groundwater
- > Blackwater



> Welcome to the RELN product guide

Proudly Australian owned and operated since 1955, the RELN Group designs and manufactures innovative products in our 100% owned companies located in Australia, Canada and America.

We've been recognised and awarded over the years by Industry and Government bodies for our achievements in manufacturing, product design and employment. RELN continues to stay at the forefront of innovation, designing and manufacturing product ranges for surfacewater, groundwater and blackwater applications, agriculture and gardening.

Our philosophy is to produce product from 100% recycled plastics where possible. We are one of the largest consumers of recycled plastic in Australia and are proud to say we've been doing so for many years. Our team considers the next life of every product we design and works together to create simple, cost-effective, class-leading products that make a positive impact every day, day after day.

It is important to our culture and way of life to support manufacturing in Australia to be self-sufficient for future generations.

Our focus is to deliver quality product, at the right place, at the right time.

Thank you for considering our product and services.

Managing Director



Nigel Natrass

Your local sales representative is:



Name _____

Ph. _____

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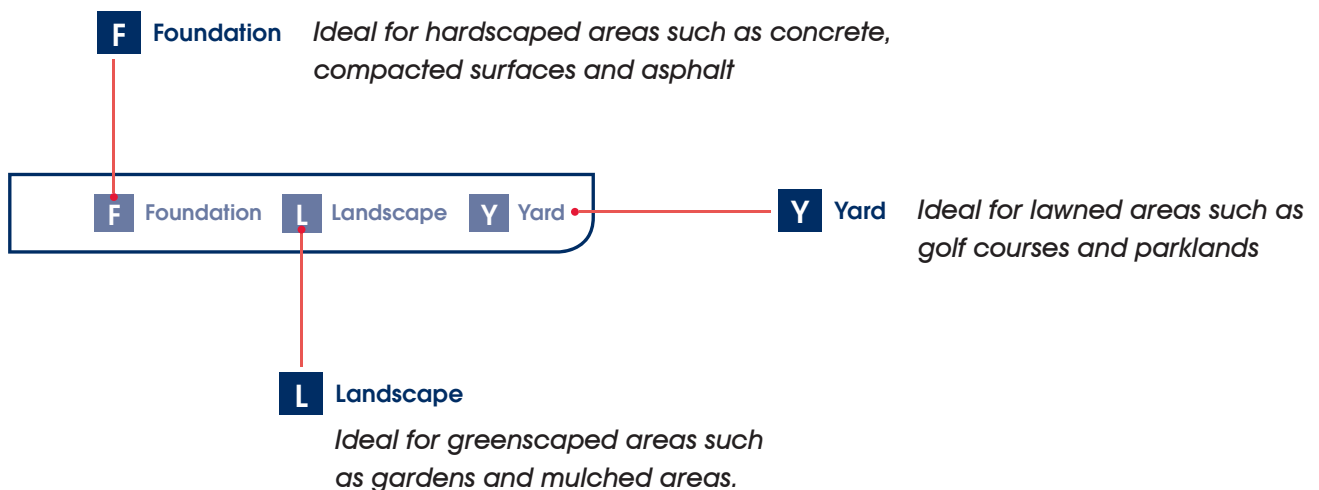
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Class Loading Table

Class Loading	Typical Use	Nominal Wheel Loading kg	Serviceability Design Load kN	Ultimate Limit State Design Load kN
RESIDENTIAL	Non-rated usage. Designed for residential applications such as pathways and driveways.	N/A	N/A	N/A
 CLASS >A	Areas (including paths) accessible only to pedestrians and pedal cyclists and closed to other traffic.	330	6.7	10
 CLASS >B	Areas (including paths and light tractor paths) accessible to vehicles (excl. commercial vehicles) or livestock.	2670	53	80
 CLASS >C	Malls and areas open to slow moving commercial vehicles.	5000	100	150
 CLASS >D	Carriageways of roads and areas open to commercial vehicles.	8000	140	210
 CLASS >E	General docks and aircraft pavements.	13 700	267	400
 CLASS >F	Docks and aircraft pavements subject to high wheel loads.	20 000	400	600
 CLASS >G	Docks and aircraft pavements subject to very high wheel loads.	30 000	600	900

F.L.Y. key

Our F.L.Y. Graphic is designed to help you choose the best RELN product for your surfacewater and groundwater needs.

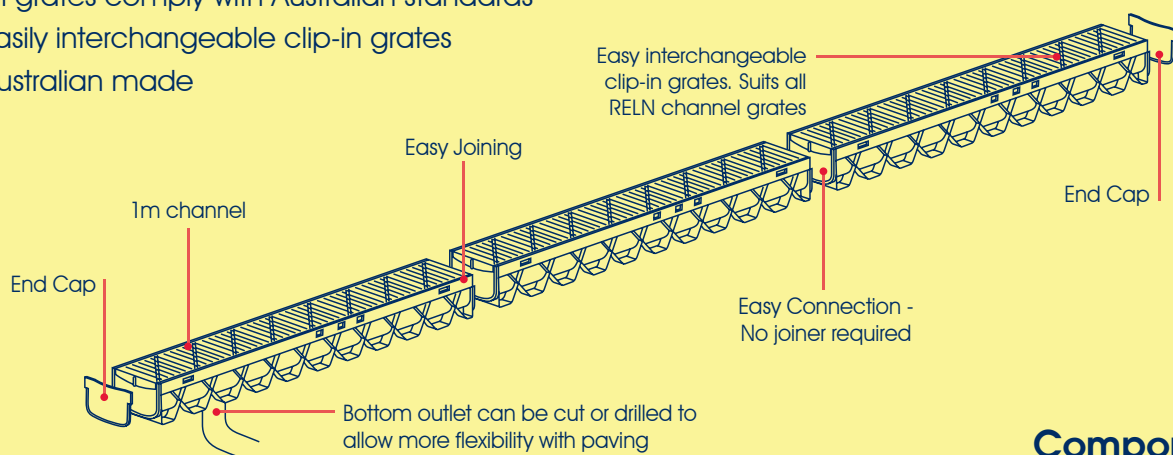


RELN
Storm
MATE™

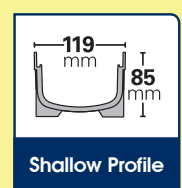
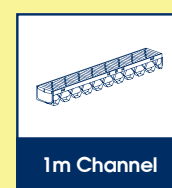


D.I.Y. Straight Line Drainage

- Ideal for paths, driveways & small spaces (e.g. balconies)
- Designed to withstand 5 tonne vehicle weight when correctly installed
- All grates comply with Australian standards
- Easily interchangeable clip-in grates
- Australian made



Components:

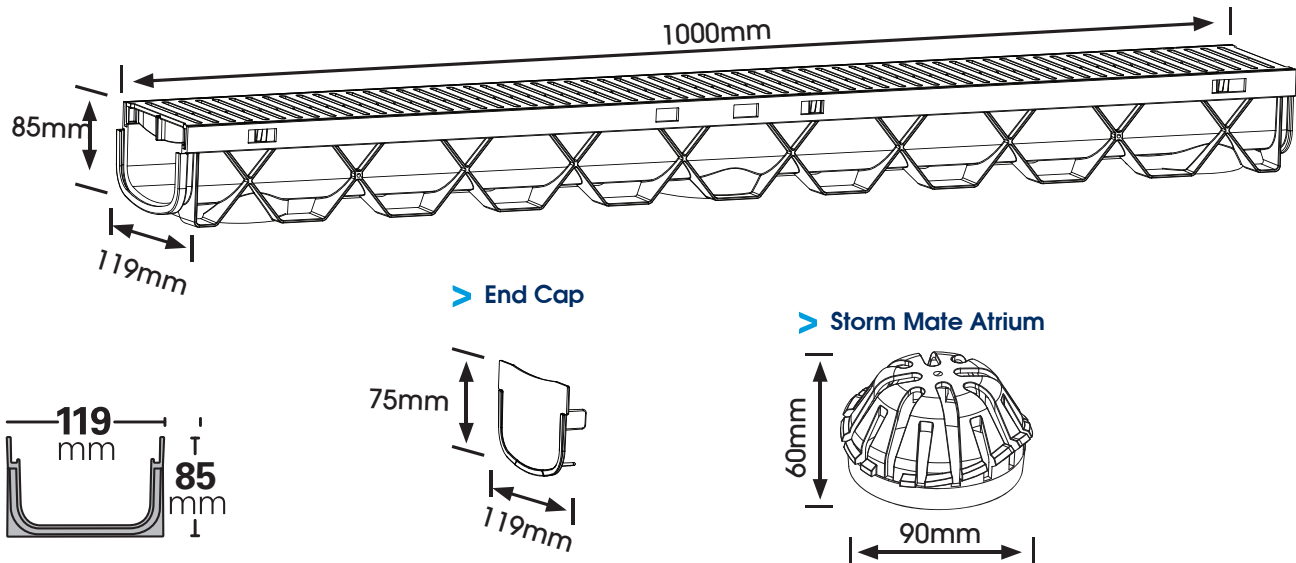




Storm Mate - D.I.Y. Straight Line Drainage

RELN Storm Mate is our straight line drainage solution perfect for paths, driveways and smaller spaces such as ideals, because it's lightweight, durable and UV stabilised. The interchangeable clip in grates, hold-down feet and pipe cut-outs make it a breeze to install, whether you are a DIYer or pro.

> Storm Mate (119 x 75mm) D.I.Y. Straight Line Drainage



- Ideal for paths, driveways and small spaces (e.g. balconies)
- Designed to withstand 5 tonne vehicle weight when correctly installed
- Tough, durable and lightweight UV stabilised recycled plastic
- Australian Made
- Hold down feet to stop floatation during pouring of concrete
- Available in all RELN grates
- Easily interchangeable clip in grates
- Bottom outlet can be cut or drilled to fit 90mm PVC stormwater pipe
- Storm Mate Garage Pack and Enviro Pack available

Grate Options: (11.3cm x 2.5cm x 1m): Plastic in Black, Sandstone, Terracotta, Portland Grey and Heritage Green. Black Heel Guard Plastic, Architectural, Stainless Steel, Galvanised Steel and Civil Ductile Iron.

Range: 1m Channel, Atrium Leaf Guard, End Cap, Stretch Drain Adapter, Garage Pack, Enviro Pack

Accessories: Hang Pad and Flyer available

> Frequently Asked Questions

Q1. What is the best grate for slow moving, heavy, commercial vehicles?

A. Storm Mate and Storm Drain can both be fitted with RELN's Ductile Iron Civil grate which has a Class C wheel loading when installed correctly. Storm Master has its own industrial strength Galvanised Steel Class B grate available in traditional and heel guard variations.

Q2. What is the best grate for pedestrian areas?

A. Storm Mate and Storm Drain can both be fitted with RELN's Heel Guard plastic grate or RELN's 316 Stainless Steel Architectural grate. Both have a residential wheel loading when installed correctly up to 1.5 Tonne. Storm Master has its own

Galvanised Steel Heel Guard Anti-Slip grate with a Class C wheel loading when installed correctly.

Q3. Can I use the same grate on Storm Mate and Storm Drain?

A. All our grates for Storm Mate, Storm Drain, Rain Mate, Rain Drain and Rain Drain Trade are interchangeable and fit each channel perfectly. Simply click grate into channel! Storm Master and Polymer Concrete channel have their own grate ranges.



1m Channels complete with Gate / 1m Channel / Storm Mate Grates Only / Storm Mate End Cap

Storm Mate - 1m complete with Black Plastic Gate

Product Code: 002989

Weight: 2.8kg

Load Rating:
5 Tonne in Concrete



Storm Mate - 1m complete with Black Heel Guard Gate

Product Code: 002999

Weight: 1.9kg

Load Rating:
5 Tonne in Concrete



Storm Mate - 1m complete with Stainless Steel Gate

Product Code: 002988

Weight: 2.7kg

Load Rating:
5 Tonne in Concrete



Storm Mate - 1m complete with Galvanised Gate

Product Code: 002998

Weight: 2.9kg

Load Rating:
5 Tonne in Concrete



Storm Mate - 1m complete with 316 Architectural Gate

Product Code: 002880

Weight: 3.7kg

Load Rating:
5 Tonne in Concrete



Storm Mate - 1m Channel Only

Product Code: 002992

Weight: 1.2kg

Must be installed with grate



Storm Mate - Atrium Leaf Guard

Product Code: 000535

Weight: 0.02kg



Storm Mate - End Cap

Product Code: 002995

Weight: 0.02kg





Storm Mate Grate Only

1m - Black Plastic Grate Only



Product Code: 002079

Weight: 1.6kg

Load Rating:
5 Tonne in Concrete



Perfect for paths, driveways and gardens

1m - Black Heel Guard Plastic Grate Only



Product Code: 002071

Weight: 0.7kg

Load Rating:
5 Tonne in Concrete



Perfect for pedestrian areas

1m - Stainless Steel Grate Only



Product Code: 002090

Weight: 1.5kg

Load Rating:
5 Tonne in Concrete



Durability and appearance with 304 Stainless Steel

1m - Galvanised Steel Grate Only



Product Code: 002089

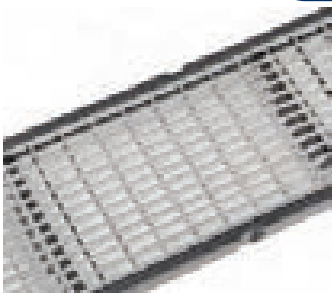
Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



Hard wearing heavy duty galvanised steel grate

1m - 316 Architectural Grate complete with Surround Only



Product Code: 003227

Weight: 2.5kg

Load Rating:
5 Tonne in Concrete



Perfect finish for high end pedestrian applications

500mm - Ductile Iron Grate Only - Class C - Civil



Product Code: 002091

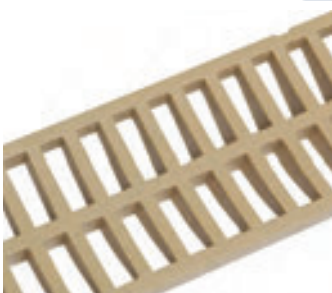
Weight: 2.4kg

Load Rating:
CLASS C
15,000kg Heavy Duty



Perfect for commercial applications with slow moving heavy vehicles

1m - Sandstone Plastic Grate Only



Product Code: 002095

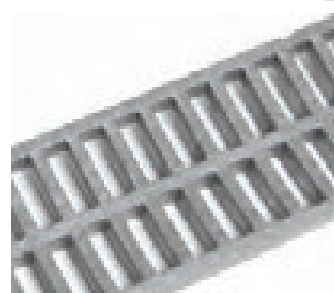
Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



Perfect for paths, driveways and gardens

1m - Portland Grey Plastic Grate Only



Product Code: 001203

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



Perfect for paths, driveways and gardens



1m - Terracotta Plastic Grate Only



Perfect for paths, driveways and gardens

Product Code: 002093

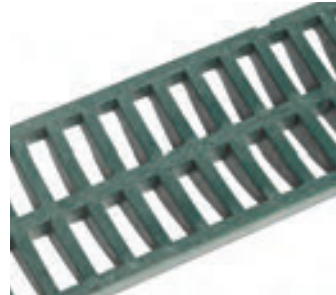
Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020936

1m - Heritage Green Plastic Grate Only



Perfect for paths, driveways and gardens

Product Code: 002086

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020868

Storm Mate - Garage Pack complete with 3x 1m Channel Black Heel Guard Grate, 2x End Caps



Product Code: 002997

Weight: 4.7kg

Load Rating:
5 Tonne in Concrete



9 319022 029977

Storm Mate - Enviro Pack complete with 3x 1m Channel Black Heel Guard Grate, 1x Leaf Guard, 2x End Caps, 1x 6M Stretch Drain Slotted w/ sock, 1x Stretch Drain Bottom Outlet



Product Code: 000016

Weight: 6.85kg

Load Rating:
5 Tonne in Concrete



9 319022 000167

Concrete Tape 50m



Product Code: 000069

Weight: 0.5kg

Features & Benefits:
Protect your grate when pouring concrete
Easily removable



9 319022 000693

Concrete Tape 9m



Product Code: 000070

Weight: 0.12kg

Features & Benefits:
Protect your grate when pouring concrete
Easily removable



9 319022 000709

Storm Mate - Storm Drain - 90mm Stretch Drain Adapter



Product Code: 000533

Weight: 0.03kg



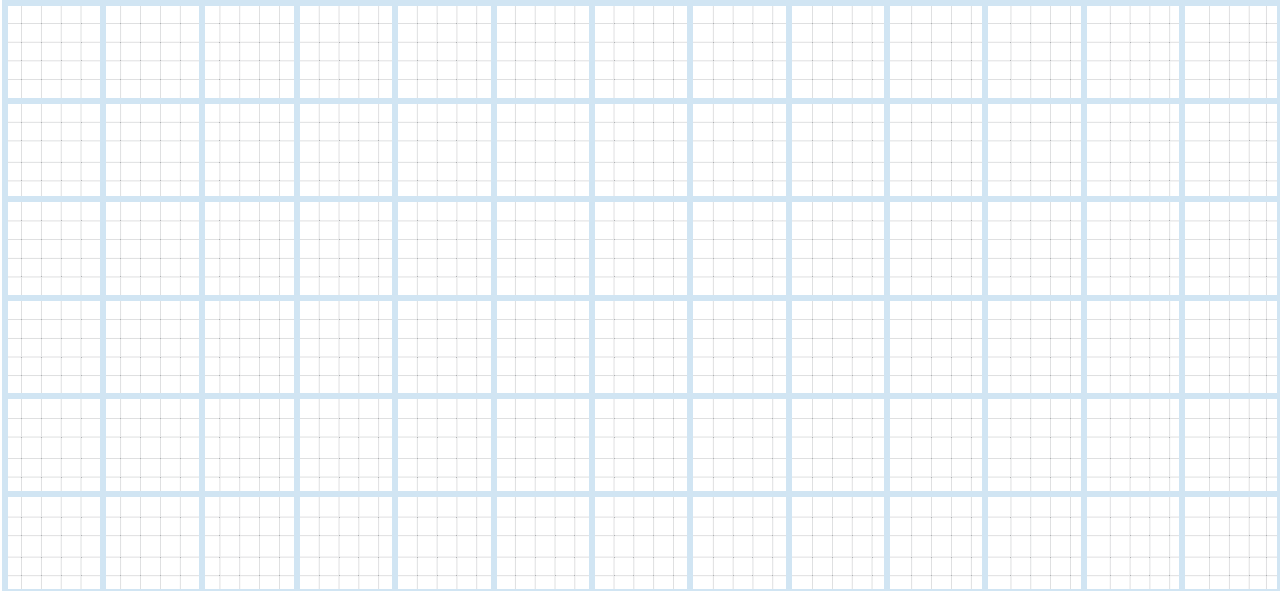
9 319022 005339





DIY Drainage Planner

Design your own drainage system



Component	Qty	<input checked="" type="checkbox"/>		Qty	<input checked="" type="checkbox"/>
Storm Mate™ 1m Channel			Storm Mate™ End Cap		

Installation Instructions for Storm Mate™



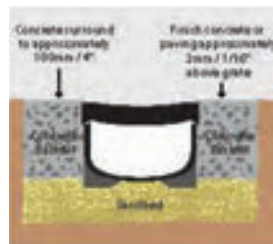
1. Dig the trench
Form trench for Reln Storm Mate™ System allowing for a 50mm bed of packed sand and wide enough for a minimum of 100mm backfill of concrete on each side. Allow slope of approximately 30cm to every 20m.



2. Lay Out
Lay Storm Mate™ Channel out, End Cap and pipe fitted prior to concreting. Storm Mate™ Channel can be cut to length with a hacksaw, install with grate fitted.



3. Join
Joins, End Caps and pipe connections may be sealed with silicone. Use End Cap at each end. Connect the low end of the Storm Mate™ to 90mm PVC pipe using Bottom Outlet, to allow water to clear. Bottom Outlet can be cut out with a knife.



4. Pour Concrete and Finish
Protect grate with masking tape during concrete pour. Top of grate must be 2mm below concrete or paver surface. Allow 72 hours for concrete to cure before vehicle use or removal of grates.

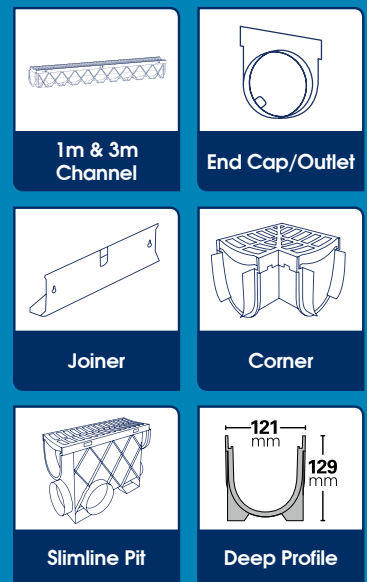
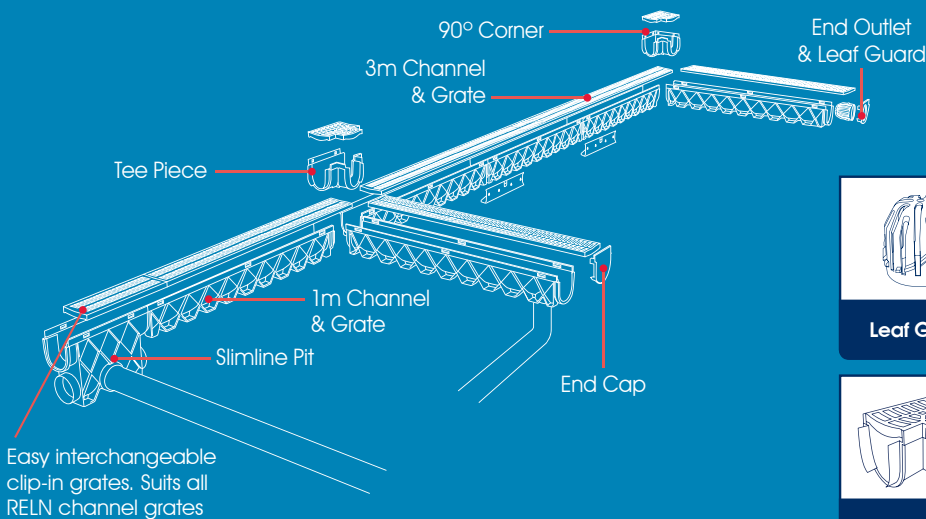
100% Recycled Plastic

RELN Storm DRAIN™

Complete Drainage System

- Ideal for paths, driveways and domestic areas with corners & T sections
- Made in Australia from tough, durable and light-weight, UV-stabilised recycled plastic
- Hold down feet to stop floatation during pouring of concrete
- Available in 1m & 3m lengths, plus a whole range of accessories
- All grates comply to Australian Standards

Components:

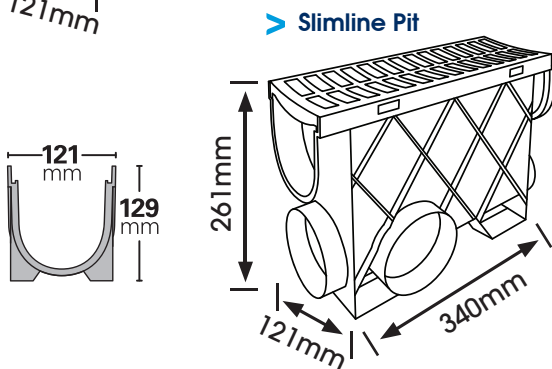
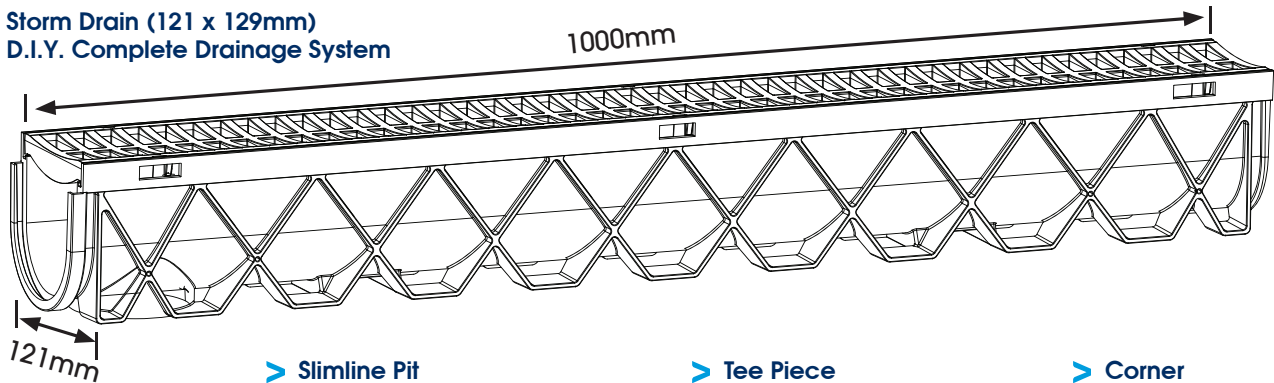


Storm Drain - D.I.Y. Complete Drainage System

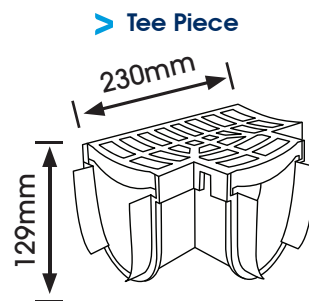


RELN Storm Drain is the complete DIY drainage system designed for paths, driveways and any domestic areas with corners and T sections. With a complete range of accessories available and easily interchangeable clip in grates, Storm Drain is designed to make life easy!

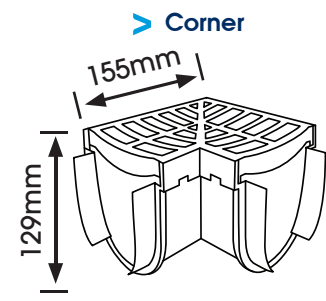
> Storm Drain (121 x 129mm) D.I.Y. Complete Drainage System



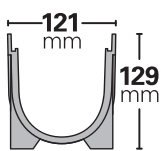
> Slimline Pit



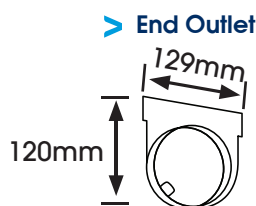
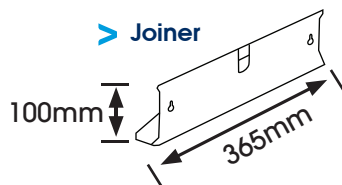
> Tee Piece



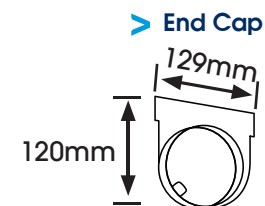
> Corner



> Joiner



> End Outlet



> End Cap

- Ideal for paths, driveways and domestic areas with corners and T sections
- Designed to withstand 5 tonne vehicle weight when correctly installed
- Tough, durable and lightweight UV stabilised recycled plastic
- Available in 1m and 3m lengths
- 100% recycled material
- Australian Made
- Available in all RELN grates
- Easily interchangeable clip in grates
- Hold down feet to stop floatation during pouring of concrete
- Bottom outlet, End Outlet and Slimline pit can be glued to 90mm PVC stormwater pipe

- Leaf Guard prevents blocking outlets and pipes for use on channel and Slimline Pit
 - 90° corner and T-piece for left or right extensions
- Easy clip-together joining for all Storm Drain range accessories

Grate Options: (11.3cm x 2.5cm x 1m): Plastic in Black, Sandstone, Terracotta, Portland Grey and Heritage Green. Black Heel Guard Plastic, Architectural, Stainless Steel, Galvanised Steel, Civil Ductile Iron

Range: 1m and 3m Channels, Slimline Pit, Joiner, Leaf Guard, End Outlet, 90° Corner, End Cap, Tee Piece, Bottom Outlet, Garage Pack

Displays: Hang Pad and Flyer available

> Frequently Asked Questions

Q1. What is the best grate for slow moving, heavy, commercial vehicles?

A. Storm Mate and Storm Drain can both be fitted with RELN's Ductile Iron Civil grate which has a Class C wheel loading when installed correctly. Storm Master has its own industrial strength Galvanised Steel Class B grate available in traditional and heel guard variations.

Q2. What is the best grate for pedestrian heavy areas?

A. Storm Mate and Storm Drain can both be fitted with RELN's Heel Guard plastic grate or RELN's 316 Stainless Steel

Architectural grate. Both have a residential wheel loading when installed correctly up to 1.5 Tonne. Storm Master has its own Galvanised Steel Heel Guard Anti-Slip grate with a Class B wheel loading when installed correctly.

Q3. Can I use the same grate on Storm Mate and Storm Drain?

A. All our grates for Storm Mate, Storm Drain, Rain Mate, Rain Drain and Rain Drain Trade are interchangeable and fit each channel perfectly. Simple click grate into channel! Storm Master and Polymer Concrete channel have their own grate ranges.



1m Channel complete with Gate

Storm Drain - 1m complete with Black Plastic Gate



Product Code: 003101

Weight: 4.1kg

Load Rating:
5 Tonne in Concrete



Storm Drain - 1m complete with Black Heel Guard Plastic Gate



Product Code: 003109

Weight: 3.2kg

Load Rating:
5 Tonne in Concrete



Storm Drain - 1m complete with Galvanised Steel Gate



Product Code: 003017

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete



Storm Drain - 1m complete with Stainless Steel Gate



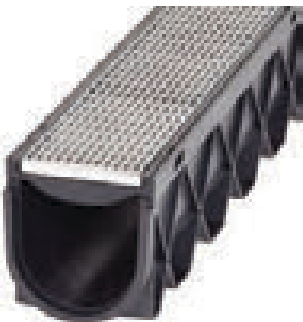
Product Code: 003106

Weight: 4kg

Load Rating:
5 Tonne in Concrete



Storm Drain - 1m complete with 316 Architectural Gate



Product Code: 003271

Weight: 5kg

Load Rating:
5 Tonne in Concrete



Storm Drain - 1m complete with Ductile Iron Gate - Class C



Product Code: 003108

Weight: 7.3kg

Load Rating:
CLASS C
5000kg Heavy Duty



Storm Drain - 1m complete with Portland Grey Plastic Gate



Product Code: 003102

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete



Storm Drain - 1m complete with Terracotta Plastic Gate



Product Code: 003104

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete





1m Channel complete with Grate / 1m Grate Only

Storm Drain - 1m complete with Sandstone Plastic Grate



Product Code: 003103

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete



9 319022 031031

Storm Drain - 1m Channel Only



Product Code: 003001

Weight: 2.5kg

Load Rating:
N/A



9 319022 030010

1m - Black Heel Guard Plastic Grate Only



Product Code: 002071

Weight: 0.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020714

Perfect for pedestrian areas

1m - Stainless Steel Grate Only



Product Code: 002090

Weight: 1.5kg

Load Rating:
5 Tonne in Concrete



9 319022 020905

Durability and appearance with 304 Stainless Steel

Storm Drain - 1m complete with Heritage Green Plastic Grate



Product Code: 003105

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete



9 319022 031055

1m - Black Plastic Grate Only



Product Code: 002079

Weight: 1.6kg

Load Rating:
5 Tonne in Concrete



9 319022 020790

Perfect for paths, driveways and gardens

1m - Galvanised Steel Grate Only



Product Code: 002089

Weight: 1.7

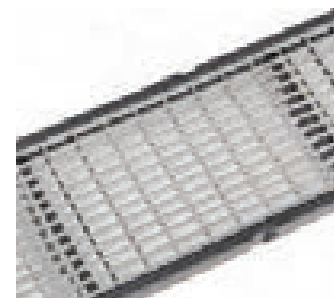
Load Rating:
5 Tonne in Concrete



9 319022 020899

Hard wearing heavy duty galvanised steel grate

1m - 316 Architectural Grate complete with Surround Only



Product Code: 003227

Weight: 2.5kg

Load Rating:
5 Tonne in Concrete



9 319022 032274

Perfect finish for high end pedestrian applications



1m Grate Only / Accessories

500mm - Ductile Iron Grate Only - Class C - Civil



Perfect for commercial applications with slow moving heavy vehicles

Product Code: 002091

Weight: 2.4kg

Load Rating:



5000kg Heavy Duty



9 319022 020912

1m - Sandstone Plastic Grate Only



Perfect for paths, driveways and gardens

Product Code: 002095

Weight: 1.7kg

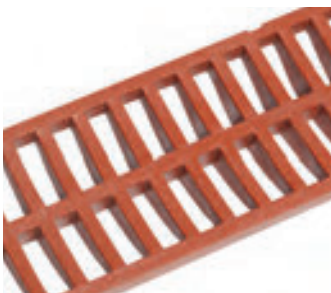
Load Rating:

5 Tonne in Concrete



9 319022 020950

1m - Terracotta Plastic Grate Only



Perfect for paths, driveways and gardens

Product Code: 002093

Weight: 1.7kg

Load Rating:

5 Tonne in Concrete



9 319022 020936

1m - Portland Grey Plastic Grate Only



Perfect for paths, driveways and gardens

Product Code: 001203

Weight: 1.7kg

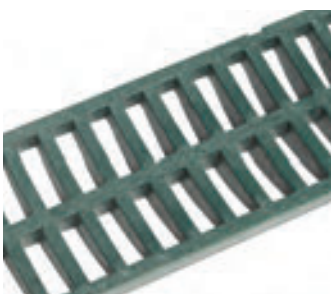
Load Rating:

5 Tonne in Concrete



9 319022 012030

1m - Heritage Green Plastic Grate Only



Perfect for paths and gardens

Product Code: 002086

Weight: 1.7kg

Load Rating:

5 Tonne in Concrete



9 319022 020868

Storm Drain - End Cap



Product Code: 003407

Weight: 0.05kg

Load Rating:

N/A



9 319022 034070

Storm Drain - End Outlet



Product Code: 003408

Weight: 0.4kg

Load Rating:

5 Tonne in Concrete



9 319022 034087

Storm Drain - Joining Clip



Product Code: 003005

Weight: 0.2kg

Load Rating:

5 Tonne in Concrete



9 319022 030058



3m Channel complete with Grate

Storm Drain - 3m complete with Black Plastic Grate



Product Code: 003301

Weight: 9.1kg

Load Rating:
5 Tonne in Concrete



9 319022 033011

Storm Drain - 3m complete with Black Heel Guard Plastic Grate



Product Code: 003309

Weight: 8.2kg

Load Rating:
5 Tonne in Concrete



9 319022 033097

Storm Drain - 3m complete with Galvanised Steel Grate



Product Code: 003018

Weight: 9.2kg

Load Rating:
5 Tonne in Concrete



9 319022 030188

Storm Drain - 3m complete with Stainless Steel Grate



Product Code: 003306

Weight: 9kg

Load Rating:
5 Tonne in Concrete



9 319022 033066

Storm Drain - 3m complete with Portland Grey Plastic Grate



Product Code: 003302

Weight: 9.2kg

Load Rating:
5 Tonne in Concrete



9 319022 033028

Storm Drain - 3m complete with Terracotta Plastic Grate



Product Code: 003304

Weight: 9.2kg

Load Rating:
5 Tonne in Concrete



9 319022 033042

Storm Drain - 3m complete with Sandstone Plastic Grate



Product Code: 003303

Weight: 9.2kg

Load Rating:
5 Tonne in Concrete



9 319022 033035

Storm Drain - 3m complete with Heritage Green Plastic Grate



Product Code: 003305

Weight: 9.2kg

Load Rating:
5 Tonne in Concrete



9 319022 033059



90° Corner complete with Grate

Storm Drain - Corner complete with Black Plastic Grate



Product Code: 003401

Weight: 0.37kg

Load Rating:
5 Tonne in Concrete



Storm Drain - Corner complete with Heel Guard Black Plastic Grate



Product Code: 003412

Weight: 0.4kg

Load Rating:
5 Tonne in Concrete



Storm Drain - Corner complete with Galvanised Steel Grate



Product Code: 003400

Weight: 0.44kg

Load Rating:
5 Tonne in Concrete



Storm Drain - Corner complete with Stainless Steel Grate



Product Code: 003406

Weight: 0.44kg

Load Rating:
5 Tonne in Concrete



Storm Drain - Corner complete with 316 Architectural Grate



Product Code: 003291

Weight: 0.7kg

Load Rating:
5 Tonne in Concrete



Storm Drain - Corner complete with Ductile Iron Grate - Class C



Product Code: 003411

Weight: 1.29kg

Load Rating:
CLASS C
5000kg Light Duty



Storm Drain - Corner complete with Terracotta Plastic Grate



Product Code: 003404

Weight: 0.4kg

Load Rating:
5 Tonne in Concrete



Storm Drain - Corner complete with Sandstone Plastic Grate



Product Code: 003403

Weight: 0.4kg

Load Rating:
5 Tonne in Concrete





90° Corner complete with Grate / Tee Piece complete with Grate

**Storm Drain - Corner
complete with Portland
Grey Plastic Grate**



Product Code: 003402

Weight: 0.4kg

Load Rating:
5 Tonne in Concrete



9 319022 034025

**Storm Drain - Corner
complete with Heritage
Green Plastic Grate**



Product Code: 003405

Weight: 0.4kg

Load Rating:
5 Tonne in Concrete



9 319022 034056

**Storm Drain - Tee Piece
complete with Black
Plastic Grate**



Product Code: 003121

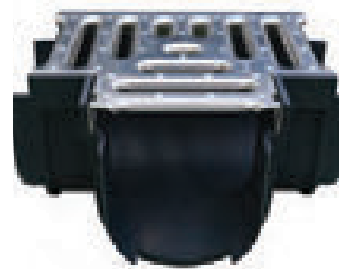
Weight: 0.45kg

Load Rating:
5 Tonne in Concrete



9 319022 031215

**Storm Drain - Tee Piece
complete with Stainless
Steel Grate**



Product Code: 003126

Weight: 0.53kg

Load Rating:
5 Tonne in Concrete



9 319022 031260

**Storm Drain - Tee Piece
complete with Sandstone
Plastic Grate**



Product Code: 003123

Weight: 0.45kg

Load Rating:
5 Tonne in Concrete



9 319022 031239

**Storm Drain - Tee Piece
complete with Portland Grey
Plastic Grate**



Product Code: 003122

Weight: 0.45kg

Load Rating:
5 Tonne in Concrete



9 319022 031222

**Storm Drain - Tee Piece
complete with Terracotta
Plastic Grate**



Product Code: 003124

Weight: 0.45kg

Load Rating:
5 Tonne in Concrete



9 319022 031246

**Storm Drain - Tee Piece
complete with Heritage
Green Plastic Grate**



Product Code: 003125

Weight: 0.45kg

Load Rating:
5 Tonne in Concrete



9 319022 031253



Slimline Pits complete with Grate

Storm Drain - Slimline Pit complete with Black Plastic Grate



Product Code: 003430

Weight: 1.25kg

Load Rating:
5 Tonne in Concrete



9 319022 034308

Storm Drain - Slimline Pit complete with Black Heel Guard Plastic Grate



Product Code: 003439

Weight: 1.65kg

Load Rating:
5 Tonne in Concrete



9 319022 034391

Storm Drain - Slimline Pit complete with 316 Architectural Grate



Product Code: 003281

Weight: 1.75kg

Load Rating:
5 Tonne in Concrete



9 319022 032816

Storm Drain - Slimline Pit complete with Stainless Steel Grate



Product Code: 003435

Weight: 1.45kg

Load Rating:
5 Tonne in Concrete



9 319022 034353

Storm Drain - Slimline Pit complete with Ductile Iron Grate - Class C



Product Code: 002465

Weight: 2.55kg

Load Rating:
CLASS C
5000kg Heavy Duty



9 319022 024651

Storm Drain - Slimline Pit complete with Portland Grey Plastic Grate



Product Code: 003431

Weight: 1.25kg

Load Rating:
5 Tonne in Concrete



9 319022 034315

Storm Drain - Slimline Pit complete with Sandstone Plastic Grate



Product Code: 003433

Weight: 1.25kg

Load Rating:
5 Tonne in Concrete



9 319022 034339

Storm Drain - Slimline Pit complete with Terracotta Plastic Grate



Product Code: 003432

Weight: 1.25kg

Load Rating:
5 Tonne in Concrete



9 319022 034322



Slimline Pits complete with Grate / Garage Packs / Storm Drain Atrium / Concrete Tape

Storm Drain - Slimline Pit complete with Heritage Green Plastic Grate



Product Code: 003434

Weight: 1.25kg

Load Rating:
5 Tonne in Concrete



Storm Drain - Slimline Pit Base Only



Product Code: 003420

Weight: 0.95kg

Load Rating:
5 Tonne in Concrete



Storm Drain - Garage Pack complete with 4 x 1m Channel Black Plastic Grate, 1 x End Cap, 1 x End Outlet



Product Code: 003141

Weight: 9kg

Load Rating:
5 Tonne in Concrete



Storm Drain - Garage Pack complete with 3x1m Channel Architectural Steel Grate, 1x End Cap, 1x End Outlet



Product Code: 003273

Weight: 12.2kg

Load Rating:
5 Tonne in Concrete



Concrete Tape 50m



Product Code: 000069

Weight: 0.5kg

Features & Benefits:
Protect your grate when pouring concrete
Easily removable



Storm Drain - Atrium



Product Code: 003410

Weight: 0.3kg

Load Rating:
N/A



Concrete Tape 9m



Product Code: 000070

Weight: 0.12kg

Features & Benefits:
Protect your grate when pouring concrete
Easily removable

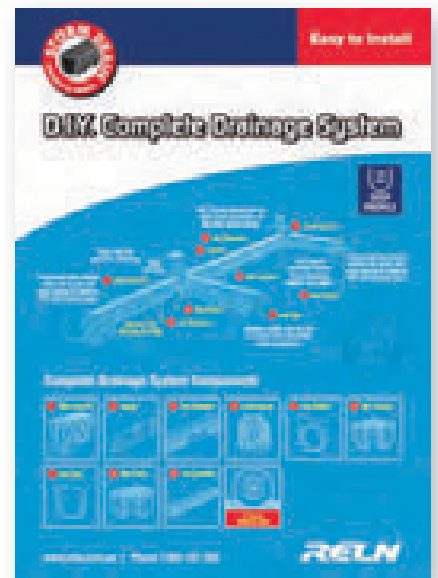




Surfacewater Stand

Product Code: SWBLUE

Please contact your local sales representative for more information



POS Material for RELN - Storm Drain Hang Pad

Product Code: 003000

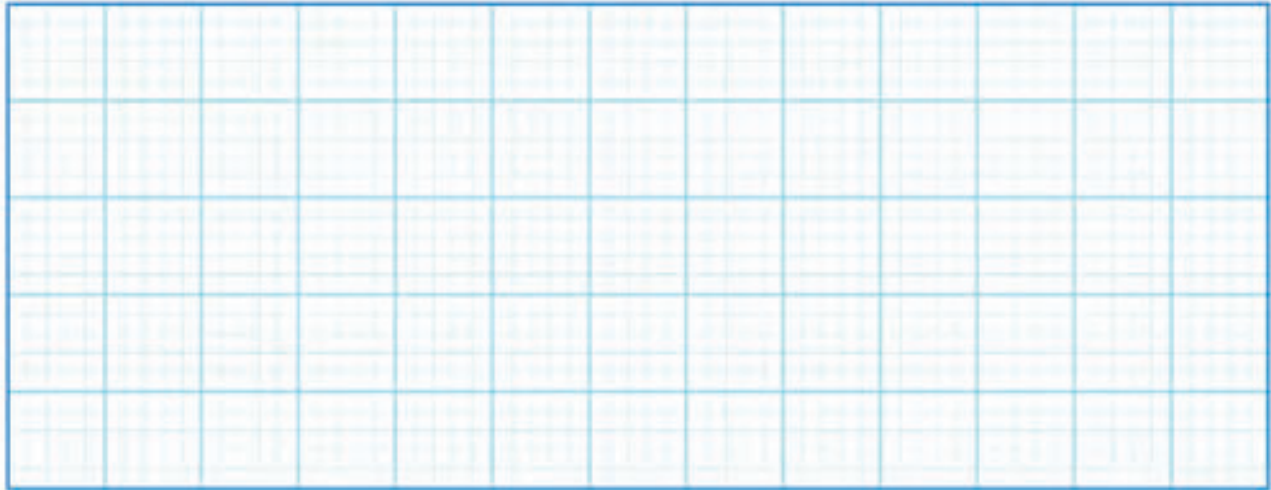











Depth: 620mm



D.I.Y. Drainage Planner

Design your own drainage system



Component	Qty	<input checked="" type="checkbox"/>	Component	Qty	<input checked="" type="checkbox"/>	Component	Qty	<input checked="" type="checkbox"/>
Slim-line Pit 1 		<input type="checkbox"/>	Leaf Guard 4 		<input type="checkbox"/>	End Cap 7 		<input type="checkbox"/>
Joiner 2 		<input type="checkbox"/>	End Outlet 5 		<input type="checkbox"/>	Tee Piece 8 		<input type="checkbox"/>
3m Channel 3 		<input type="checkbox"/>	90° Corner 6 		<input type="checkbox"/>	1m Channel 9 		<input type="checkbox"/>

Grate Options	<input type="checkbox"/> Black	<input type="checkbox"/> Terracotta	<input type="checkbox"/> Sandstone	<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> Portland Grey	<input type="checkbox"/> Heritage Green
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Installation Instructions for Storm Drain



1. Dig the trench

Form trench for ReIn Storm Drain System allowing for a 50mm bed of packed sand and wide enough for a minimum of 100mm backfill of concrete on each side. Allow slope of approximately 30cm to every 20m.



2. Insert End Cap or End Outlet

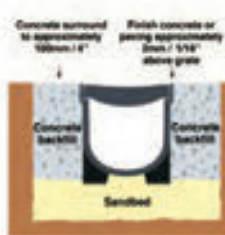
Join ReIn Storm Drain System. Joints and End Caps may be sealed with silicone. Use ReIn End Cap at highest point of ReIn Storm Drain Channel. Connect the low end of the Storm Drain Channel to a Rainwater Pit, or, using 90mm PVC pipe use built in Bottom

Outlet, or fit an End Outlet to allow water to clear. Lay Storm Drain Channel out with 90° Corner Piece or Tee Piece connected and End Cap fitted prior to concreting.



3. Snap together lengths

Storm Drain Channel can be cut to length with a hacksaw, install with grate fitted. Protect grate with masking tape during concrete pour.



4. Finish

Top of grate must be 2mm below concrete or paver surface. Allow 72 hours for concrete to cure before vehicle use or removal of grates.

100% Recycled Plastic



9 319022 030003



Commercial Sized Drainage

- Ideal for collection of high surfacewater flows in large domestic & light commercial applications
- Specially designed self-cleaning channel base to clear high flows of stormwater
- Class B (10 tonne) and Class C (15 tonne) grates comply with Australian Standards

Lock down Class B & Class C Grate available

90° Corner allows left or right extension

Easy interchangeable clip-in grates. Suits all RELN channel grates

End Cap

In-line Pit with 4 Outlet options

Clip-in joints allow for easy installation

Bottom Outlet

Strong & Durable 1m Channel

Outlets allow for quick & easy gluing of 150mm PVC pipe

Components:

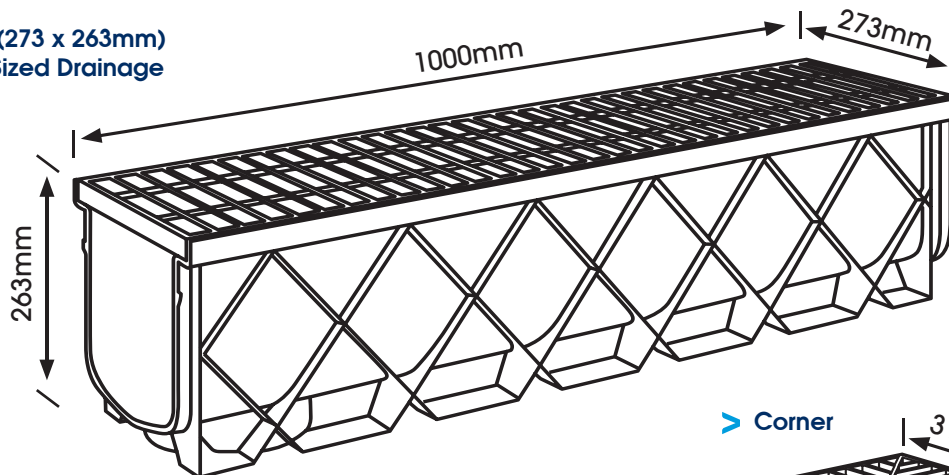
- 1m Channel
- End Cap
- Corner
- In-line Pit
- Deep Profile (273 mm top, 200 mm bottom, 263 mm side)



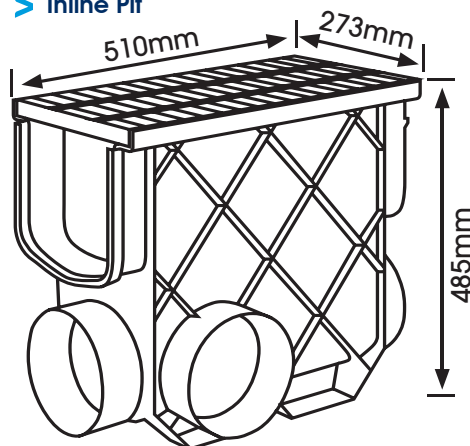
Storm Master - Commercial Sized Drainage

RELN Storm Master commercial drainage has been created specifically for heavy-use commercial applications, where heavy surface water flows or heavy vehicle and pedestrian traffic is a factor. The range has been designed to self clean, and is able to withstand 10 tonne of vehicle weight when installed correctly. This durable range is the master when it comes to commercial drainage.

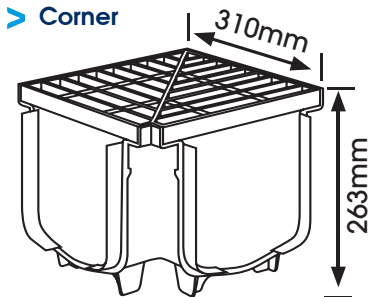
> Storm Master (273 x 263mm) Commercial Sized Drainage



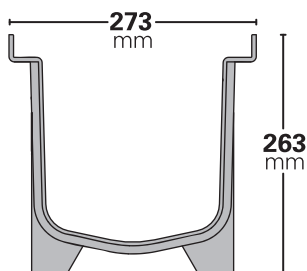
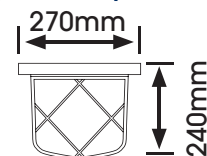
> Inline Pit



> Corner



> End Cap



- Ideal for collection of high surface water flows in large domestic and light commercial applications
- Designed to withstand 10 tonne vehicle weight when installed correctly
- Strong, durable and lightweight UV stabilised Polypropylene channel
- Specially designed self-cleaning channel base to clear high flows of stormwater
- Lock-in clips reduces channel movement
- Hold down feet stop floatation during pouring of concrete
- Easy clip-in Class B Galvanised Grate with lockdown

- security available in Traditional Gal and Anti-Slip Heel Guard
- Reo clips built into channel base
- Bottom Outlet available in 1m channel
- 90° corner for left or right extensions

Grate Options: (26.4cm x 2cm x 1m) Anti-Slip Heel Guard Galvanised Steel Class B, Traditional Galvanised Steel Class B Grate

Risers: 1m Channel, Inline Pit, Corner, End Cap, Brass Inserts, Anti-Slip Grate Plugs

Displays: Flyer available

> Frequently Asked Questions

Q1. Does RELN Storm Master have a Heel Guard grate?

A. Yes, RELN Storm Master Anti-slip grate is galvanised together with Lock down bolts and has an Class "C" rating.

Q2. What is the blue ring in the inline pit for?

A. The blue ring has been specially designed and fitted to allow quick and easy joining of pipes to the pit. Just use your solvent cement with your pipe to secure.

Q3. Are Storm Master Grates changeable?

A. Yes, you can remove and replace RELN grates to any of our Storm Master grates.



1m Channel complete with Grate

Storm Master - 1m complete with Galvanised Steel Class B Grate



Product Code: 000150

Weight: 14.4kg

Load Rating:
CLASS > B

2670kg Medium Duty



Storm Master - 1m complete with Anti Slip Heel Guard Gal Class C Grate



Product Code: 000147

Weight: 21.37kg

Load Rating:
CLASS > C

5000kg Heavy Duty



Storm Master - 1m Galvanised Class B Grate Only



Product Code: 000154

Weight: 12.3kg

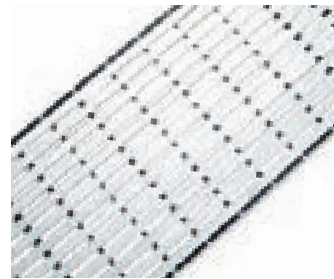
Load Rating:
CLASS > B

2670kg Medium Duty



Perfect for large domestic and light commercial

Storm Master - 1m Galvanised Anti Slip Heel Guard Class C Grate Only



Product Code: 000204

Weight: 16.3kg

Load Rating:
CLASS > C

5000kg Heavy Duty



Storm Master - Inline Pit complete with Galvanised Steel Class B Grate



Product Code: 000151

Weight: 0.5kg

Load Rating:
CLASS > B

2670kg Medium Duty



Storm Master - Inline Pit complete with Anti Slip Heel Guard Class C Grate



Product Code: 000149

Weight: 11.39kg

Load Rating:
CLASS > C

5000kg Heavy Duty



Storm Master Inline Pit - 0.5m Galvanised Class B Grate Only



Product Code: 000155

Weight: 6.53kg

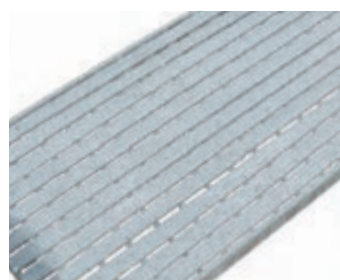
Load Rating:
CLASS > B

2670kg Medium Duty



Perfect for large domestic and light commercial

Storm Master Inline Pit - 0.5m Grit Anti Slip Heel Guard Class C Grate Only



Product Code: 000206

Weight: 8.17kg

Load Rating:
CLASS > C

5000kg Heavy Duty

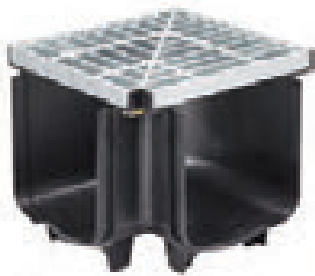


Perfect for pedestrian and commercial



Storm Master Grates Only / Inline Pit Base and complete with grates /
90° Corner Base Only and complete with grates

**Storm Master - Corner
complete with Galvanised
Class B Grate**



Product Code: 000152

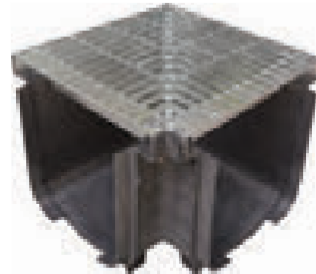
Weight: 4.9kg

Load Rating:
CLASS > B

2670kg Medium Duty



**Storm Master - Corner complete
with Anti Slip Heel Guard
Class C Grate**



Product Code: 000148

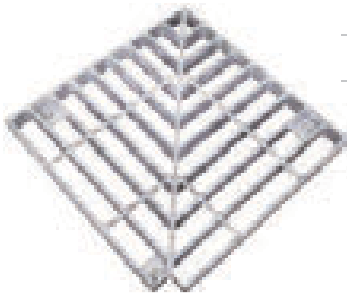
Weight: 7.14kg

Load Rating:
CLASS > C

5000kg Medium Duty



**Storm Master -
Corner Galvanised
Class B Grate Only**



Product Code: 000156

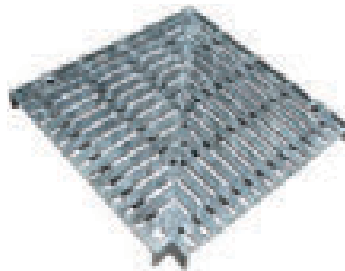
Weight: 4.15kg

Load Rating:
CLASS > B

2670kg Medium Duty



**Storm Master - Corner Grit
Anti Slip Heel Guard
Class B Grate Only**



Product Code: 000205

Weight: N/A

Load Rating:
CLASS > C

5000kg Medium Duty



Storm Master - End



Product Code: 000153

Weight: 0.2kg

Load Rating:
N/A



**Storm Master -
Corner Base Only**



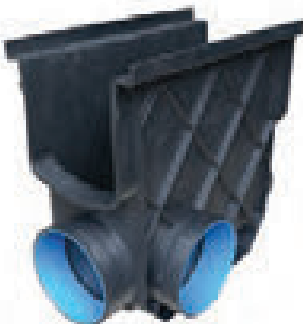
Product Code: 000159

Weight: 0.75kg

Load Rating:
N/A



**Storm Master - Base Only
Inline Pit**



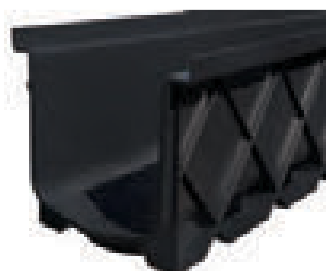
Product Code: 000158

Weight: 3.1kg

Load Rating:
5 Tonne in Concrete



**Storm Master - 1m
Base Only**



Product Code: 000157

Weight: 3.14kg

Load Rating:
N/A












POS Material for RELN - Storm Master Hang Pad

Product Code: 002881



Class Loading Table

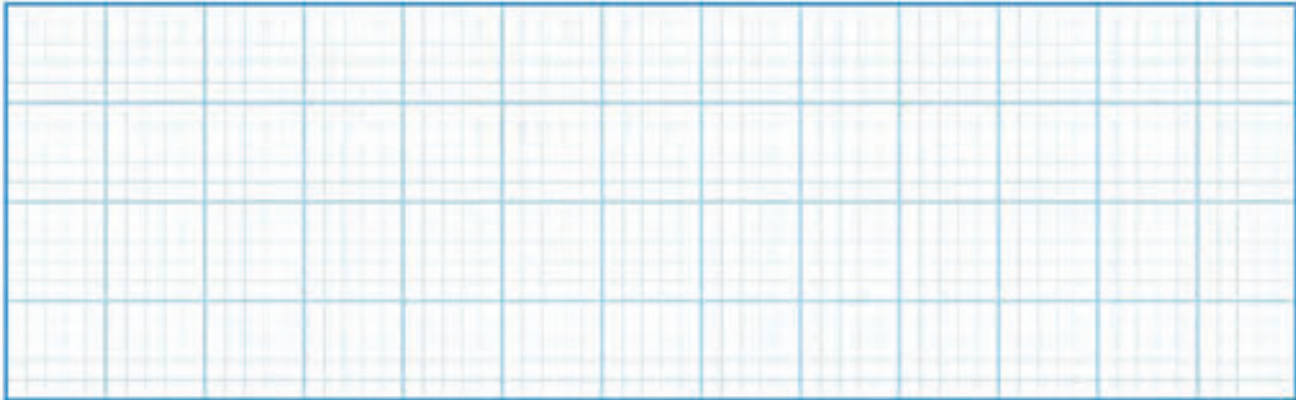
Class Loading	Typical Use	Nominal Wheel Loading kg	Serviceability Design Load kN	Ultimate Limit State Design Load kN
<i>RESIDENTIAL</i>	Non-rated usage. Designed for residential applications such as pathways and driveways.	N/A	N/A	N/A
 CLASS >A	Areas (including paths) accessible only to pedestrians and pedal cyclists and closed to other traffic.	330	6.7	10
 CLASS >B	Areas (including paths and light tractor paths) accessible to vehicles (excl. commercial vehicles) or livestock.	2670	53	80
 CLASS >C	Malls and areas open to slow moving commercial vehicles.	5000	100	150
 CLASS >D	Carriageways of roads and areas open to commercial vehicles.	8000	140	210
 CLASS >E	General docks and aircraft pavements.	13 700	267	400
 CLASS >F	Docks and aircraft pavements subject to high wheel loads.	20 000	400	600
 CLASS >G	Docks and aircraft pavements subject to very high wheel loads.	30 000	600	900





RELN



D.I.Y. Drainage Planner

Design your own drainage system



Component	Qty	<input checked="" type="checkbox"/>	Component	Qty	<input checked="" type="checkbox"/>
1m Channel 		<input type="checkbox"/>	Corner 		<input type="checkbox"/>
Inline Pit 		<input type="checkbox"/>	End Cap 		<input type="checkbox"/>

Installation Instructions for Storm Masta®



1. Prepare ground

- Ground must be compacted and prepared to be suitable to support the intended pavement type and traffic loads. Pavements must have suitable expansion jointing to engineer requirements.
- Dig trenches suitable to provide Storm Masta® with a minimum side support of 100mm concrete and minimum 100mm concrete base when installed with concrete pavements and must be keyed to surrounding pavement to ensure channel can withstand intended traffic loads.
- Fix a string line to set finished surface level and allow for a minimum fall of approximately 5mm for every 1M length for suitable runoff.
- Stormwater discharge must be at the lowest point of the installation and can be either from the bottom outlet of the channel or outlet ports for the inline pit.



2. Assemble components

- Assemble channels, corners, inline pits and end caps using silicone to seal each joint.
- Ensure the joining clips have engaged to provide a positive connection between channel sections.
- Corners can be fitted in either direction, to either channel end.
- Channel and inline pit can be connected with clips on underside to steel M12 concrete reinforcing bars.



3. Stormwater pipe connection

- By cutting out the preferred outlet port with sharp knife or hole saw, DN150 PVC Stormwater Pipe to AS1254 can be connected to Storm Masta® via either:
 - Channel bottom outlet – seal with silicone sealant.
 - Inline Pit side outlet – glue with PVC plumbers glue to blue ring.

4. Concreting

- Storm Masta® must be installed in concrete with minimum 25kPa strength (Class B grate is 2.6 tonne wheel loading).
- Grates must be assembled to Storm Masta® prior to concrete pour.
- Protect grate with tape to protect from concrete splash.
- Ensure concrete fully encases Storm Masta® channel sections.
- Finish concrete a minimum of 3mm above the edge of the channel.
- Allow full concrete cure prior to vehicle use or removal of grates – approx ten days.



100%
Recycled Plastic

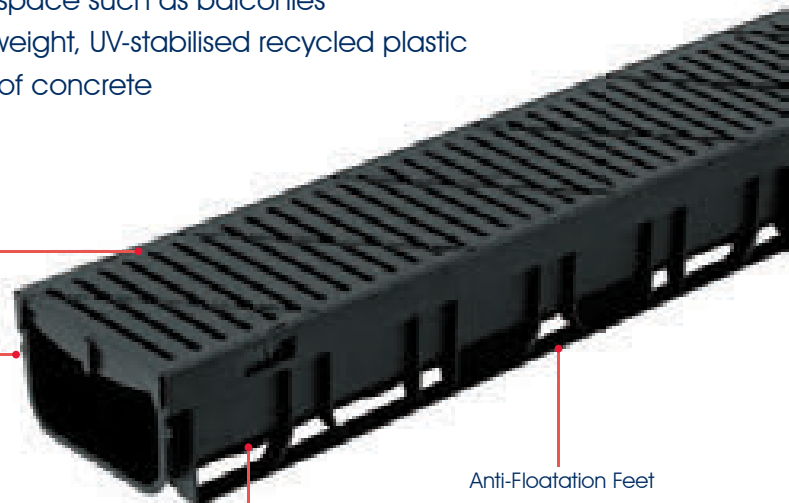


Modern Straight-Line Drainage

- Ideal for paths, driveways and areas with limited space such as balconies
- Made in Australia from tough, durable and light-weight, UV-stabilised recycled plastic
- Hold down feet to stop floatation during pouring of concrete
- 9 bottom outlet positions to choose from
- All grates comply to Australian Standards

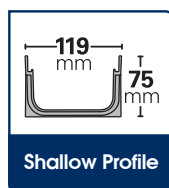
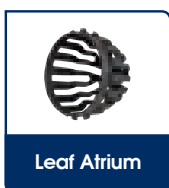
Easy interchangeable clip-in grates. Suits all RELN channel grates

Lock Rain Mate ends together easily to create sturdy, longer channels



Anti-Floatation Feet

Components:



9 Bottom Outlets to choose from.

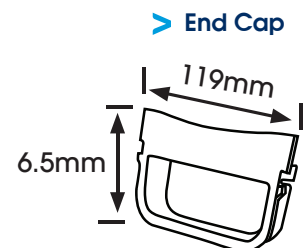
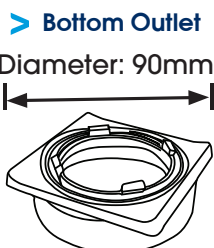
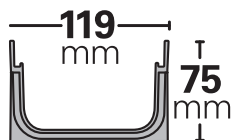
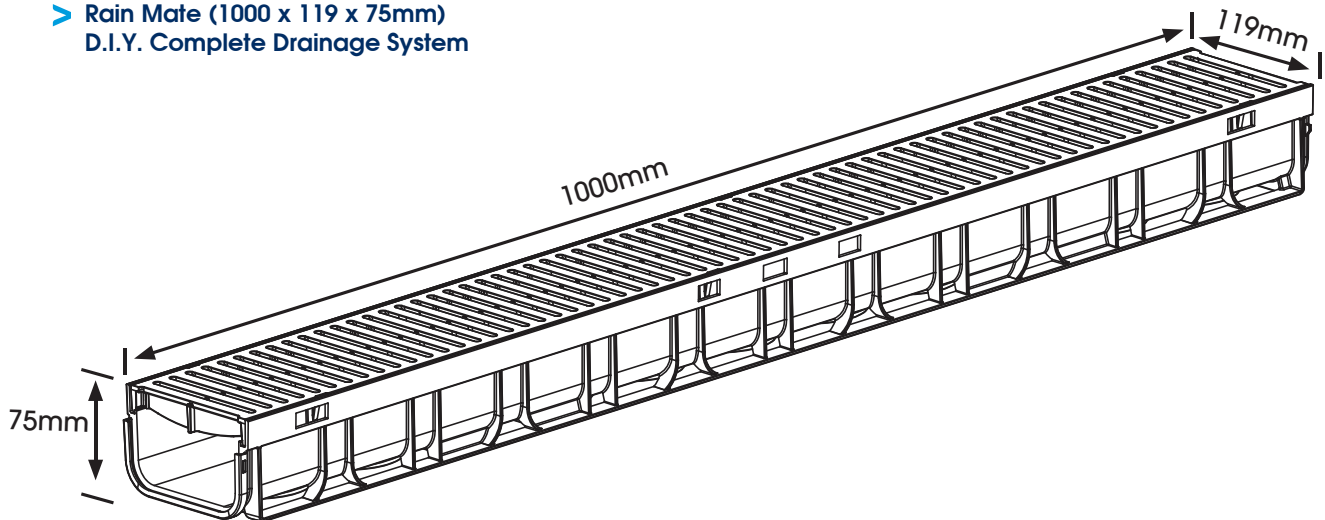
Bottom Outlet fits 90mm PVC Stormwater pipe



Rain Mate - Modern Straight - Line Drainage

RELN Rain Mate is our modern straight line drainage, ideal for paths, driveways and areas with limited space such as balconies. Choose which grates you want and easily clip them into place. This range is your property's best mate when it rains.

> Rain Mate (1000 x 119 x 75mm) D.I.Y. Complete Drainage System



- Ideal for paths, driveways and areas with limited space such as balconies
- Designed to withstand 5 tonne vehicle weight
- Tough, durable and lightweight UV stabilised recycled plastic
- Australian Made
- Lock-in clips reduces channel movement
- Hold down feet to stop floatation during pouring of concrete
- Available in all RELN grates
- Easily interchangeable clip in grates
- 9 bottom outlets to choose from, for maximum flexibility

- Bottom outlet adapter for quick and easy installation available
- Bottom outlet fits 90mm PVC stormwater pipe

Grate Options: (11.3cm x 2.5cm x 1m): Plastic in Black, Sandstone, Terracotta, Portland Grey and Heritage Green. Black Heel Guard Plastic, Architectural, Stainless Steel, Galvanised Steel, Civil Ductile Iron.

Risers: 1m Channel, End Cap, Leaf Guard, Bottom Outlet Adapter

Display: Hang Pad and Flyer available

> Frequently Asked Questions

Q1. What is the difference between Storm Mate and Rain Mate?

A. Both are great for straight-line drainage, however Rain Mate comes with 9 bottom outlet options for maximum design flexibility, and a bottom outlet adapter which fits 90mm PVC stormwater pipe.

Q2. What is the best grate for busy pedestrian areas?

A. Rain Mate, Rain Drain and Drain Trade can all be fitted with RELN's Heel Guard plastic grate or RELN's 316 Stainless Steel Architectural grate. Both have a residential wheel loading of up to 1.5 Tonnes when installed correctly.

Q3. Can I change or replace the grate at a later stage?

A. Yes, all Reln grates Traditional, Heel Guard Galvanised, Stainless, Architectural and Ductile interchange with Reln complete channel range.

Q4. Can I use the same grate on Rain Mate, Rain Drain and Rain Drain Trade?

A. All our grates for Storm Mate, Storm Drain, Rain Mate, Rain Drain and Rain Drain Trade are interchangeable, and fit each channel perfectly. Simply click grate into channel!



1m Channel complete with Gate

1m - Channel complete with Plastic Black Gate

Product Code: 003630

Weight: 2.9kg

Load Rating:
5 Tonne in Concrete
1m - Channel complete with Heel Guard Black Plastic Gate

Product Code: 003635

Weight: 2kg

Load Rating:
5 Tonne in Concrete
1m - Channel complete with Galvanised Steel Gate

Product Code: 003640

Weight: 3kg

Load Rating:
5 Tonne in Concrete
1m - Channel complete with Stainless Steel Gate

Product Code: 003641

Weight: 2.8kg

Load Rating:
5 Tonne in Concrete
1m - Channel complete with 316 Architectural Gate

Product Code: 003642

Weight: 3.8kg

Load Rating:
5 Tonne in Concrete
1m - Channel complete with Sandstone Plastic Gate

Product Code: 003632

Weight: 3kg

Load Rating:
5 Tonne in Concrete
1m - Channel complete with Portland Grey Plastic Gate

Product Code: 003633

Weight: 3kg

Load Rating:
5 Tonne in Concrete
1m - Channel complete with Heritage Green Plastic Gate

Product Code: 003634

Weight: 3kg

Load Rating:
5 Tonne in Concrete



1m Channel complete with Grate / Garage Pack / Accessories / Concrete Tape

1m - Channel complete with Plastic Terracotta Grate



Product Code: 003631

Weight: 3kg

Load Rating:
5 Tonne in Concrete



Rain Mate - End Cap



Product Code: 003621

Weight: 0.2kg

Load Rating:
N/A



Rain Mate - Bottom Outlet



Product Code: 003505

Weight: 0.03kg

Load Rating:
N/A



Rain Mate - Leaf Guard



Product Code: 003506

Weight: 0.2kg

Load Rating:
N/A



Rain Mate - Garage Pack complete with 3x 1m Channel Black Heel Guard Plastic Grate, 2x End Cap, 1x Bottom Outlet



Product Code: 003624

Weight: 11kg

Load Rating:
5 Tonne in Concrete



Concrete Tape 50m



Product Code: 000069

Weight: 0.5kg

Features & Benefits:
Protect your grate when pouring concrete
Easily removable



Concrete Tape 9m



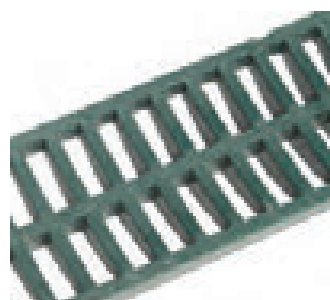
Product Code: 000070

Weight: 0.12kg

Features & Benefits:
Protect your grate when pouring concrete
Easily removable



1m - Heritage Green Plastic Grate Only



Perfect for paths, driveways and pool surrounds

Product Code: 002086

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete





Grates Only (Channels)

1m - Black Plastic Grate Only



Perfect for paths, driveways and gardens

Product Code: 002079

Weight: 1.6kg

Load Rating:
5 Tonne in Concrete



1m - Black Heel Guard Plastic Grate Only



Perfect for paths, driveways and pedestrian applications

Product Code: 002071

Weight: 0.7kg

Load Rating:
5 Tonne in Concrete



1m - Galvanised Steel Grate Only



Hard wearing heavy duty galvanised steel grate

Product Code: 002089

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



1m - Stainless Steel Grate Only



Durability and appearance with 304 Stainless Steel

Product Code: 002090

Weight: 1.5kg

Load Rating:
5 Tonne in Concrete



1m - 316 Architectural Grate complete with Surround Only



316 Stainless Steel wedge wire perfect for high end pedestrian applications

Product Code: 003227

Weight: 2.5kg

Load Rating:
5 Tonne in Concrete



1m - Portland Grey Plastic Grate Only



Perfect for paths, driveways and pool surrounds

Product Code: 001203

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



1m - Sandstone Plastic Grate Only



Perfect for paths, driveways and pool surrounds

Product Code: 002095

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



1m - Terracotta Plastic Grate Only



Perfect for paths, driveways and pool surrounds

Product Code: 002093

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete





Grates Only (Channels) / 1m Channel Only

500mm - Ductile Iron Grate Only - Class C - Civil



Product Code: 002091

Weight: 2.4kg

Load Rating:



5000kg Heavy Duty



Perfect for commercial applications with slow moving heavy vehicles

1m - Rain Mate Channel Only



Product Code: 003620

Weight: 1.3kg

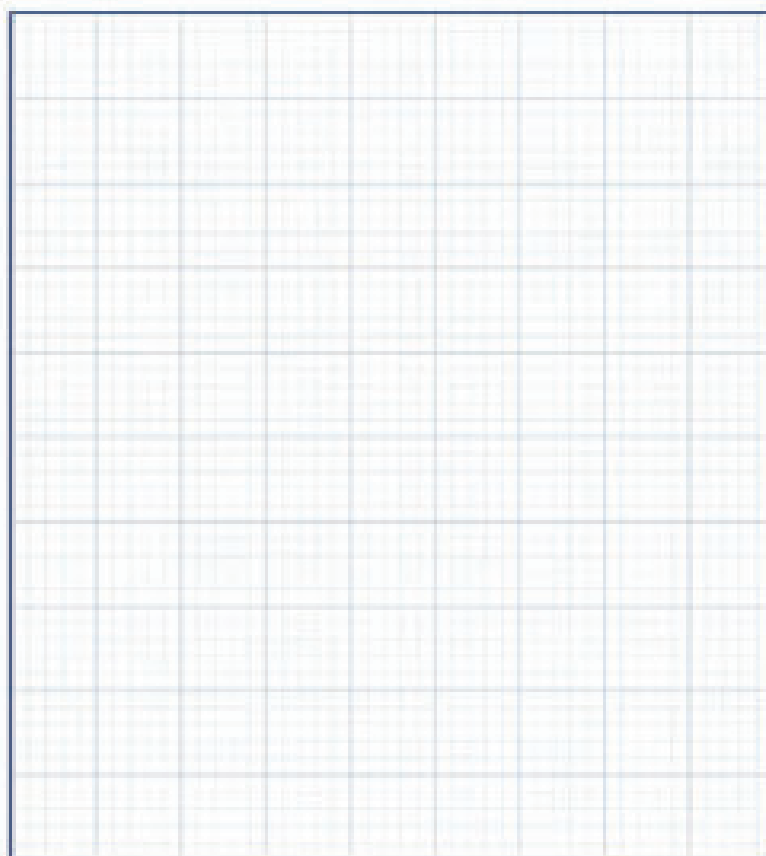
Load Rating:

N/A



Drainage Planner

Design your own drainage system



End Cap

Qty required



Leaf Guard

Qty required



1m Channel

Qty required



Bottom Outlet

Qty required

Easy installation in four simple steps



1. Prepare Ground

- Prepare ground with 50mm deep compacted sand base
- Allow for a minimum of 100mm backfill of concrete on each side
- Fix a string line to set finished surface level
- For best run-off allow for a fall of approx 5mm every 1m length

string line to set finished surface level • For best run-off allow for a fall of approx 5mm every 1m length

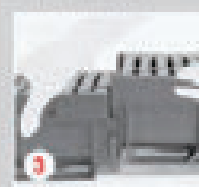


2. Lay Out

ASSEMBLE CHANNEL & GRATE PRIOR TO INSTALLATION

- Lay out Rain Mate® to check installation
- Locate pipe outlet at lowest end of installation
- Cut out bottom outlet hole to suit
- Rain Mate® can be cut to length with saw

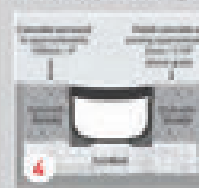
end of installation • Cut out bottom outlet hole to suit • Rain Mate® can be cut to length with saw



3. Join Components

- Join channels - fit End Cap at each end
- Joints and End Caps can be sealed with silicone
- Fit Bottom Outlet to channel and seal with silicone
- Join 90mm PVC stormwater pipe to End or Bottom Outlet with PVC plumbers glue

and seal with silicone • Join 90mm PVC stormwater pipe to End or Bottom Outlet with PVC plumbers glue



4. Pour Concrete

- Rain Mate® installations must be set in concrete
- Cover grate with tape to protect from concrete splash
- Pour concrete and finish top surface 2mm above level of the grate
- Allow full cure before removing grates or vehicle use - 3 days
- Grates can be removed by inserting screw driver into slot and twisting gently to lift grate
- For further details on installation, please visit www.reln.com.au

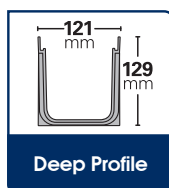
and finish top surface 2mm above level of the grate • Allow full cure before removing grates or vehicle use - 3 days • Grates can be removed by inserting screw driver into slot and twisting gently to lift grate • For further details on installation, please visit www.reln.com.au




Complete Modern Drainage System

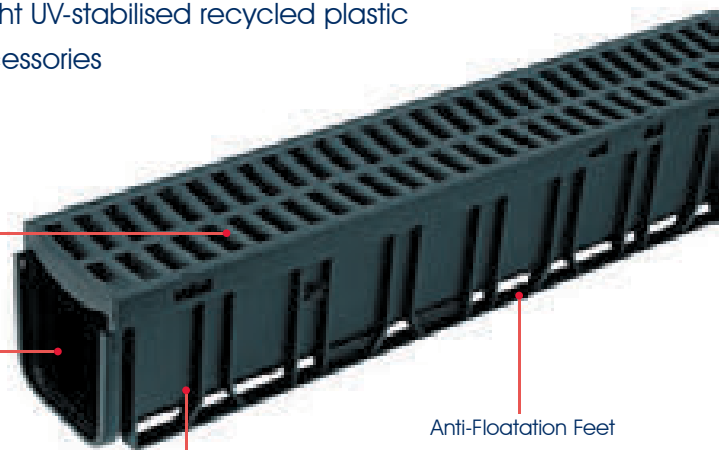
- Ideal for collection of high surfacewater flows in large domestic & light commercial applications
- Made in Australia from tough, durable and light-weight UV-stabilised recycled plastic
- Easy clip-together joining for all Rain Drain range accessories
- Comes in 1m or 3m lengths
- All grates comply to Australian Standards

Components:



Easy interchangeable clip-in grates. Suits all RELN channel grates

Lock Rain Drain ends together easily to create sturdy, longer channels



Anti-Floatation Feet

9 Bottom Outlet positions to choose from.

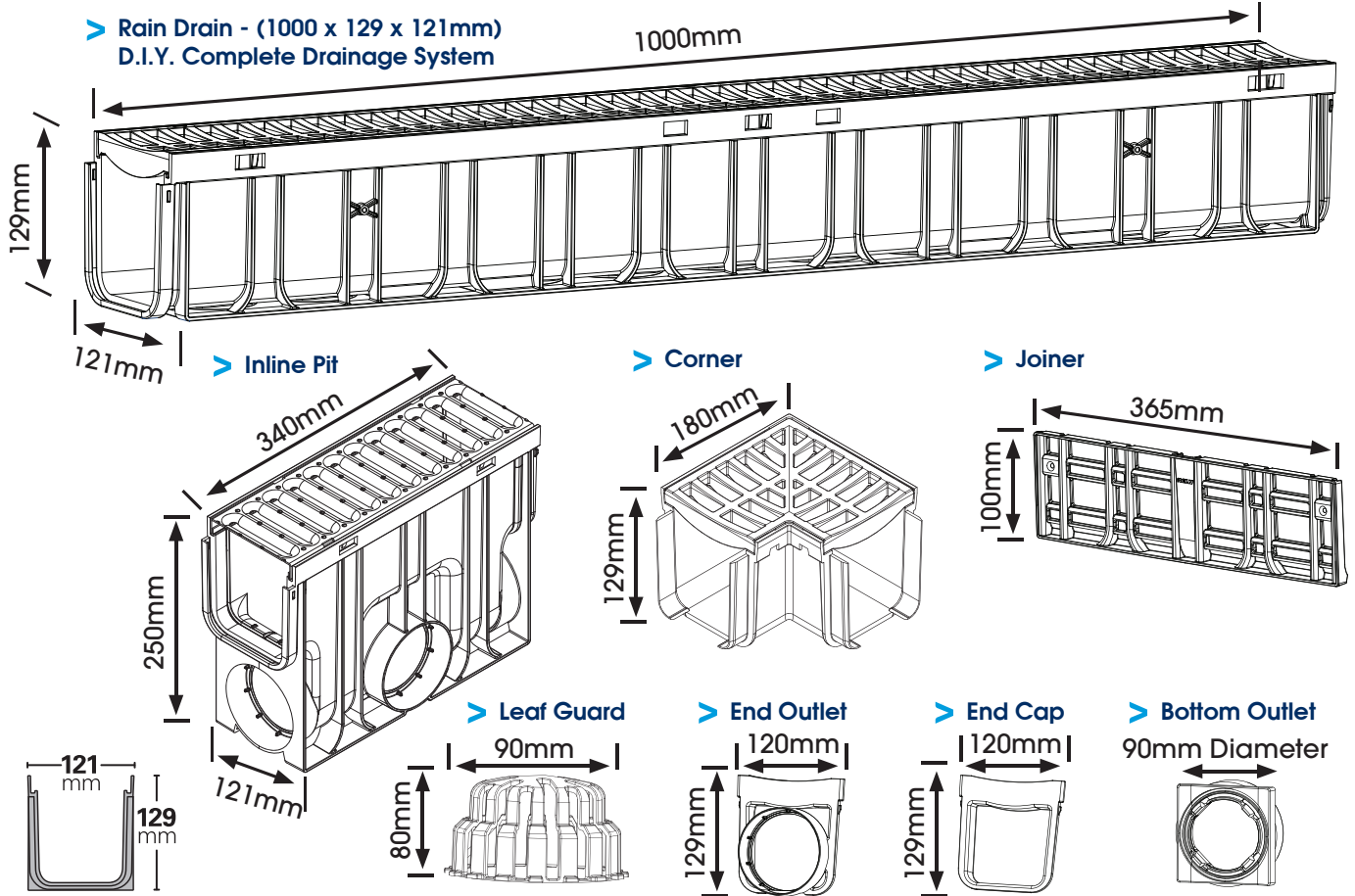
Bottom Outlet fits 90mm PVC Stormwater pipe



Rain Drain - Complete Modern Drainage System



RELN Rain Drain is the complete modern drainage system, ideal wherever high volumes of surface water flows, either in a domestic or commercial environment. Rain Drain is flexible enough to adapt to left and right extensions, and is available in all RELN grates, making it a top all round drain for when it rains!



- Ideal for collection of high surface water flows in large domestic and light commercial applications
- Designed to withstand 5 tonne vehicle weight
- Tough, durable and lightweight UV stabilised recycled plastic
- Available in 1m and 3m lengths
- Australian Made
- Lock-in clips reduce channel movement
- Hold down feet stop floatation during pouring of concrete
- Available in all RELN grates
- Easily interchangeable clip in grates
- Easy clip-together joining for all Rain Drain range accessories
- Bottom outlet adapter for quick and easy installation

- Bottom outlet fits 90mm PVC stormwater pipe
- 9 bottom outlets to choose from, for maximum flexibility
- 90° corner for left or right extensions

Grate Options: (11.3cm x 2.5cm x 1m): Plastic in Black, Sandstone, Terracotta, Portland Grey and Heritage Green. Black Heel Guard Plastic, Architectural, Stainless Steel, Galvanised Steel, Civil Ductile Iron

Range: 1m and 3m Channel, Inline Pit, Corner, Joiner, Leaf Guard, End Cap, End Outlet and Bottom Outlet Adapter, Garage Pack

Display: Hang Pad and Flyer available

> Frequently Asked Questions

Q1. What is the difference between Storm Mate and Rain Mate?

A. Both are great for straight-line drainage, however Rain Mate comes with 9 bottom outlet options for maximum design flexibility, and a bottom outlet adapter which fits 90mm PVC stormwater pipe.

Q2. What is the best grate for busy pedestrian areas?

A. Rain Mate, Rain Drain and Drain Trade can all be fitted with RELN's Heel Guard plastic grate or RELN's 316 Stainless Steel Architectural grate. Both have a residential wheel loading of up to 1.5 Tonnes when installed correctly.

Q3. Can I change or replace the grate at a later stage?

A. Yes, all Reln grates Traditional, Heel Guard Galvanised, Stainless, Architectural and Ductile interchange with Reln complete channel range.

Q4. Can I use the same grate on Rain Mate, Rain Drain and Rain Drain Trade?

A. All our grates for Storm Mate, Storm Drain, Rain Mate, Rain Drain and Rain Drain Trade are interchangeable, and fit each channel perfectly. Simply click grate into channel!

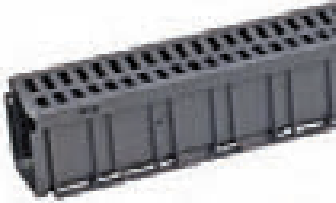


1m Channels complete with Grate

**Rain Drain - 1m complete
with Black Plastic Grate**

Product Code: 003515

Weight: 4.1kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - 1m complete
with Black Heel Guard Grate**

Product Code: 003520

Weight: 3.2kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - 1m complete
with Galvanised Steel Grate**

Product Code: 003525

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - 1m complete
with Stainless Steel Grate**

Product Code: 003526

Weight: 4kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - 1m complete
with 316 Architectural
Steel Grate**

Product Code: 003527

Weight: 5kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - 1m complete
with Sandstone Plastic Grate**

Product Code: 003517

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - 1m complete
with Terracotta Plastic Grate**

Product Code: 003516

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - 1m complete
with Portland
Grey Plastic Grate**

Product Code: 003518

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete



1m Channels complete with Grate / Accessories / Concrete Tape

Rain Drain - 1m complete with Heritage Green Plastic Grate



Product Code: 003519

Weight: 4.2kg

Load Rating:
5 Tonne in Concrete



9 319022 035190

Rain Drain - End Cap



Product Code: 003503

Weight: 0.05kg

Load Rating:
N/A



9 319022 035039

Rain Drain - End Outlet



Product Code: 003504

Weight: 0.6kg

Load Rating:
5 Tonne in Concrete



9 319022 035046

Rain Drain - Joiner



Product Code: 003501

Weight: 0.3kg

Load Rating:
N/A



9 319022 035015

Rain Drain - Leaf Guard



Product Code: 003506

Weight: 0.02kg

Load Rating:
N/A



9 319022 035060

Rain Drain - Bottom Outlet



Product Code: 003505

Weight: 0.03kg

Load Rating:
5 Tonne in Concrete



9 319022 035053

Concrete Tape 50m



Product Code: 000069

Weight: 0.5kg

Features & Benefits:
Protect your grate when pouring concrete
Easily removable



9 319022 000693

Concrete Tape 9m



Product Code: 000070

Weight: 0.12kg

Features & Benefits:
Protect your grate when pouring concrete
Easily removable



9 319022 000709



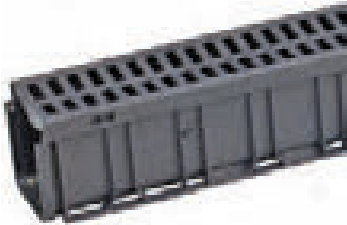
3m Channel Grates Only

Rain Drain - 3m complete with Black Plastic Grate

Product Code: 003540

Weight: 9.1kg

Load Rating:
5 Tonne in Concrete



Rain Drain - 3m complete with Black Heel Guard Plastic Grate

Product Code: 003545

Weight: 5.7kg

Load Rating:
5 Tonne in Concrete



Rain Drain - 3m complete with Galvanised Steel Grate

Product Code: 003550

Weight: 6.7kg

Load Rating:
5 Tonne in Concrete



Rain Drain - 3m complete with Stainless Steel Grate

Product Code: 003551

Weight: 6.5kg

Load Rating:
5 Tonne in Concrete



Rain Drain - 3m complete with Sandstone Plastic Grate

Product Code: 003542

Weight: 9.2kg

Load Rating:
5 Tonne in Concrete



Rain Drain - 3m complete with Terracotta Plastic Grate

Product Code: 003541

Weight: 9.2kg

Load Rating:
5 Tonne in Concrete



Rain Drain - 3m complete with Portland Grey Plastic Grate

Product Code: 003543

Weight: 9.2kg

Load Rating:
5 Tonne in Concrete



Rain Drain - 3m complete with Heritage Green Plastic Grate

Product Code: 003544

Weight: 6.7kg

Load Rating:
5 Tonne in Concrete





Channel Grates / 90° Corner complete with Grate

1m - Black Plastic Grate Only



Perfect for paths, driveways and gardens

Product Code: 002079

Weight: 1.6kg

Load Rating:
5 Tonne in Concrete



9 319022 020790

1m - Black Heel Guard Plastic Grate Only



Perfect for pedestrian areas

Product Code: 002071

Weight: 0.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020714

1m - Galvanised Steel Grate Only



Hard wearing heavy duty galvanised steel grate

Product Code: 002089

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020899

1m - Stainless Steel Grate Only



Durability and appearance with 304 Stainless Steel

Product Code: 002090

Weight: 1.5kg

Load Rating:
5 Tonne in Concrete



9 319022 020905

1m - 316 Architectural Steel Grate complete with Surround Only



316 Stainless Steel wedge wire perfect for high end pedestrian applications

Product Code: 003227

Weight: 2.5kg

Load Rating:
5 Tonne in Concrete



9 319022 032274

500mm - Ductile Iron Grate Only - Class C - Civil



Perfect for commercial applications with slow moving heavy vehicles

Product Code: 002091

Weight: 2.4kg

Load Rating:
CLASS > C
5000kg Heavy Duty



9 319022 020912

1m - Sandstone Plastic Grate Only



Perfect for paths, driveways and gardens

Product Code: 002095

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020950

1m - Portland Grey Plastic Grate Only



Perfect for paths, driveways and gardens

Product Code: 001203

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 012030



Channel Grates Only / 90° Corner complete with Gate

1m - Heritage Green Plastic Gate Only



Perfect for paths, driveways and gardens

Product Code: 002086

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



1m - Terracotta Plastic Gate Only



Perfect for paths, driveways and gardens

Product Code: 002093

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



Rain Drain - Corner complete with Black Plastic Gate



Product Code: 003565

Weight: 0.42kg

Load Rating:
5 Tonne in Concrete



Rain Drain - Corner complete with Black Heel Guard Plastic Gate



Product Code: 003570

Weight: 0.49kg

Load Rating:
5 Tonne in Concrete



Rain Drain - Corner complete with Galvanised Steel Gate



Product Code: 003575

Weight: 0.51kg

Load Rating:
5 Tonne in Concrete



Rain Drain - Corner complete with Stainless Steel Gate



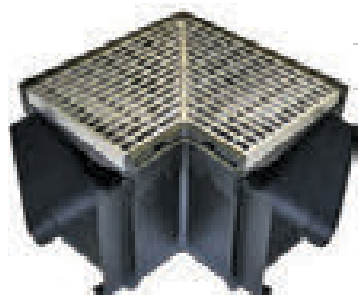
Product Code: 003576

Weight: 0.51kg

Load Rating:
5 Tonne in Concrete



Rain Drain - Corner complete with 316 Architectural Gate



Product Code: 003577

Weight: 0.75kg

Load Rating:
5 Tonne in Concrete



Rain Drain - Corner complete with Ductile Iron Gate - Class C



Product Code: 003581

Weight: 1.35kg

Load Rating:
CLASS C
5000kg Heavy Duty





90° Corner complete with Grate / Inline Pit complete with Grate

**Rain Drain - Corner
complete with Sandstone
Plastic Grate**

Product Code: 003567

Weight: 0.42kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - Corner complete
with Terracotta Plastic Grate**

Product Code: 003566

Weight: 0.42kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - Corner
complete with Portland
Grey Plastic Grate**

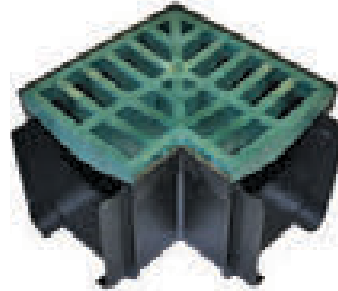
Product Code: 003568

Weight: 0.42kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - Corner
complete with Heritage
Green Plastic Grate**

Product Code: 003569

Weight: 0.42kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - Inline Pit
complete with Black
Plastic Grate**

Product Code: 003585

Weight: 1.2kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - Inline Pit
complete with Black
Heel Guard Plastic Grate**

Product Code: 003590

Weight: 1.23kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - Inline Pit
complete with
Galvanised Grate**

Product Code: 003595

Weight: 1.2kg

Load Rating:
5 Tonne in Concrete
**Rain Drain - Inline Pit
complete with Stainless
Steel Grate**

Product Code: 003596

Weight: 1.2kg

Load Rating:
5 Tonne in Concrete



**Rain Drain - Inline Pit
complete with
Architectural Grate**



Product Code: 003597

Weight: 1.2kg

Load Rating:
5 Tonne in Concrete



9 319022 035978

**Rain Drain - Inline Pit
complete with Ductile
Iron Grate - Class C**



Product Code: 003601

Weight: 2.45kg

Load Rating:

CLASS C
5000kg Heavy Duty



9 319022 036012

**Rain Drain - Inline Pit
complete with Sandstone
Plastic Grate**



Product Code: 003587

Weight: 1.23kg

Load Rating:
5 Tonne in Concrete



9 319022 035879

**Rain Drain - Inline Pit
complete with Terracotta
Plastic Grate**



Product Code: 003586

Weight: 1.23kg

Load Rating:
5 Tonne in Concrete



9 319022 035862

**Rain Drain - Inline Pit
complete with Portland Grey
Plastic Grate**



Product Code: 003588

Weight: 1.23kg

Load Rating:
5 Tonne in Concrete



9 319022 035886

**Rain Drain - Inline Pit
complete with Heritage
Green Plastic Grate**



Product Code: 003589

Weight: 1.2kg

Load Rating:
5 Tonne in Concrete



9 319022 035893

**Rain Drain - Garage Pack
complete with 4x1m Channel
Black Plastic Grate,
1x End Cap, 1x End Outlet**



Product Code: 003602

Weight: 8.52kg

Load Rating:
5 Tonne in Concrete



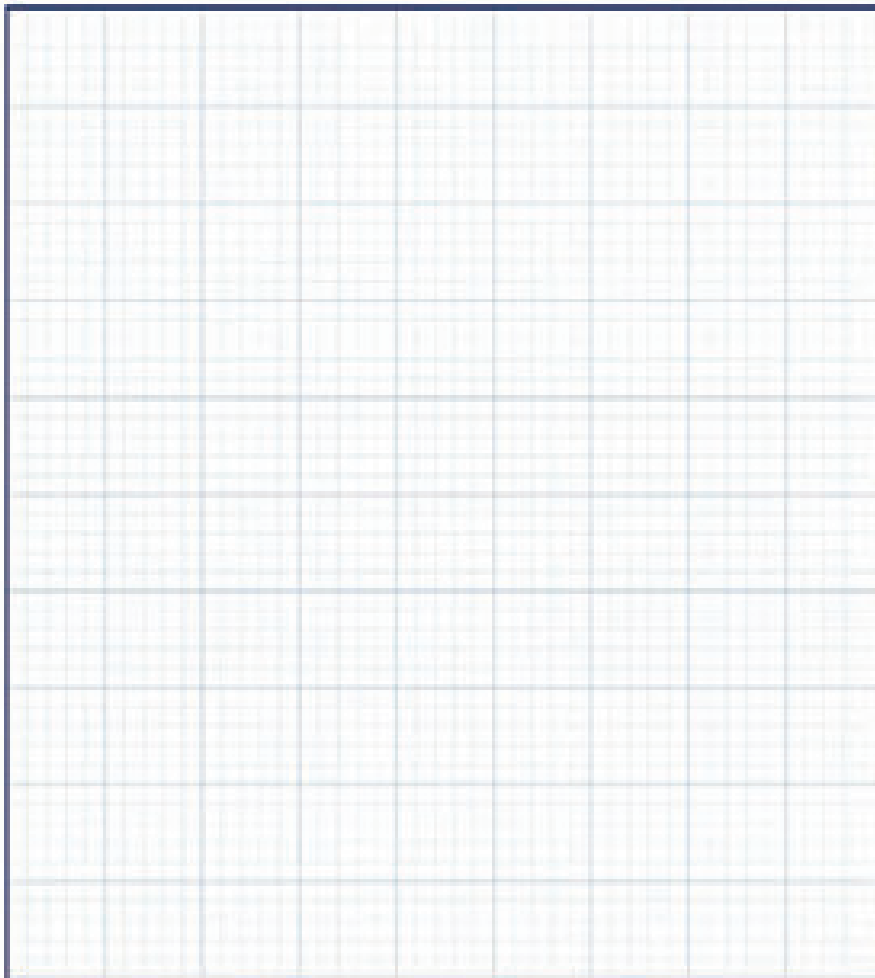
9 319022 036029





Drainage Planner

Design your own drainage system



Easy installation in four simple steps



1. Prepare Ground

- Prepare ground with 50mm deep compacted sand base
- Allow for a minimum of 100mm barnd of concrete on each side
- Fix a

string line to set finished surface level • For best run-off allow for a fall of approx 5mm every 1m length



2. Lay Out

ASSEMBLE CHANNEL & GRATE PRIOR TO INSTALLATION

- Lay out Rain Drain® components to check

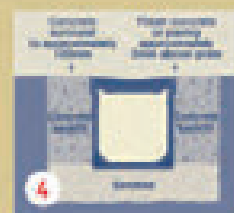
installation • Locate pipe outlet at lowest end of installation • Rain Drain® can be cut to length with saw



3. Join Components

- Join channels and components
- Joints and end caps can be sealed with silicone
- Join 90mm PVC

stormwater pipe to Inline Fit, End or Bottom Outlet with PVC plumbers glue



4. Pour Concrete

- Rain Drain® installations must be set in concrete
- Cover grate with tape to protect from concrete splash
- Pour concrete

and finish top surface 2mm above level of the grate • Allow full cure before removing grates or vehicle use - 3 days • Grates can be removed by inserting screw driver into slot and twisting gently to lift grate



1 Inline Pit

Qty required



4 Leaf Guard

Qty required



7 Bottom Outlet

Qty required



2 Corner

Qty required



3 End Cap

Qty required



1m Channel Qty

3m Channel Qty



3 Joiner

Qty required



1 End Outlet

Qty required

For more information or to view the video installation, visit www.reln.com.au





Tradesmen's Choice for over 20 Years.

- Very easy to install
- Drainage made simpler!
- Ideal for collection of high surfacewater flows in large domestic & light commercial applications
- Comes in 1m and a genuine extruded 3m length
- Fewer joints and easier to install
- Corner clip makes 90° Corners or T Sections connect anywhere on channel
- End Cap finishes off end of the drain or connects to 90mm PVC stormwater pipe
- Grates don't vibrate loose
- Available in all RELN grates, which comply to Australian Standards

Components:



Easy interchangeable clip-in grates. Suits all RELN channel grates

Fits all RELN Grates which comply with Australian Standards

Hold down edge to stop floatation during pouring of concrete

Genuine extruded length mean fewer joints

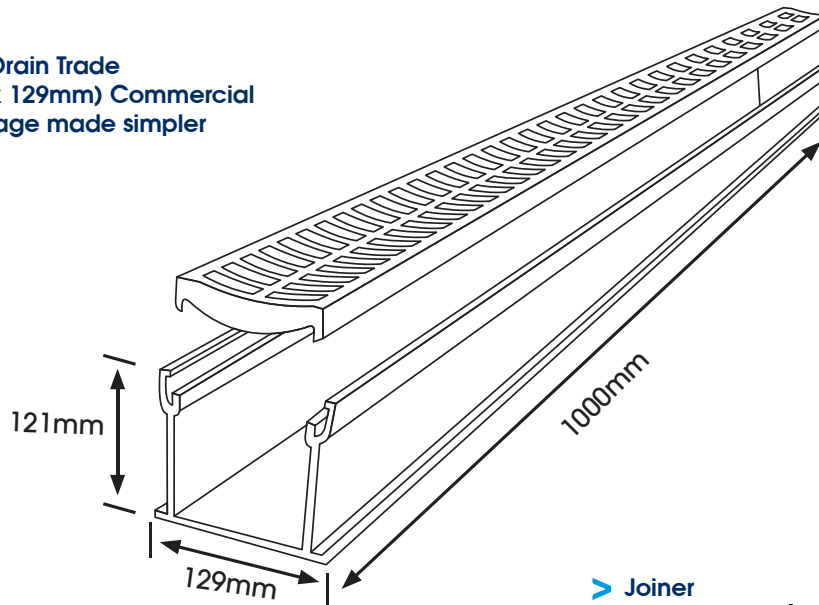


Rain Drain Trade - Drainage Made Simpler

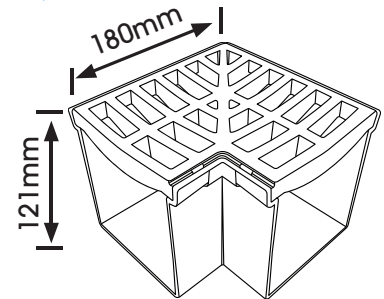


Designed especially for the professional installer, the range has fewer joints and is easier to install than other drainage systems on the market. The full list of features Rain Drain Trade offers will save you time and effort on site.

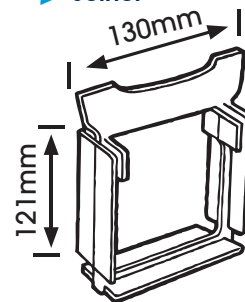
> Rain Drain Trade (121 x 129mm) Commercial Drainage made simpler



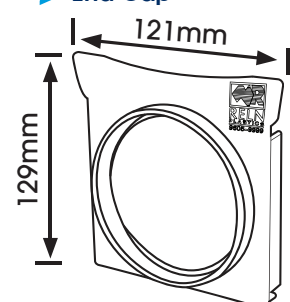
> Corner



> Joiner



> End Cap

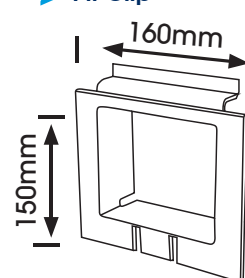


- A genuine extruded 3m length
- Fewer joints
- Easier to install
- Designed to withstand 5 tonne vehicle weight
- Hold down edge to stop floatation during pouring of concrete, and stops movement once concrete sets
- Corner clip makes 90° corners or T section connect anywhere on channel
- End Cap finished off the end of drain or connects to 90mm PVC stormwater pipe
- Available in all RELN grates
- Easily interchangeable clip in grates

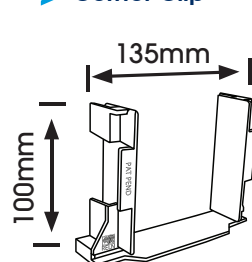
Grate Options: (11.3cm x 2.5cm x 1m): Plastic in Black, Sandstone, Terracotta, Portland Grey and Heritage Green. Black Heel Guard Plastic, Architectural, Stainless Steel, Galvanised Steel, Civil Ductile Iron

Range: 1m and 3m Channel, 90° Corner, Corner Clip, Pit Clip, End Cap, Length Joiner

> Pit Clip



> Corner Clip



> Frequently Asked Questions

Q1. What is the best grate for busy pedestrian areas?

A. Rain Mate, Rain Drain and Drain Trade can all be fitted with RELN's Heel Guard plastic grate or RELN's 316 Stainless Steel Architectural grate. Both have a residential wheel loading of up to 1.5 Tonnes when installed correctly.

Q2. Can I change or replace the grate at a later stage?

A. Yes, all Reln grates Traditional, Heel Guard Galvanised, Stainless, Architectural and Ductile interchange with Reln complete channel range.

Q3. Can I use the same grate on Rain Mate, Rain Drain and Rain Drain Trade?

A. All our grates for Storm Mate, Storm Drain, Rain Mate, Rain Drain and Rain Drain Trade are interchangeable, and fit each channel perfectly. Simply click grate into channel!



1m Channels complete with Grate

Rain Drain Trade - 1m complete with Black Plastic Grate & Joiner



Product Code: 001133

Weight: 3.93kg

Load Rating:
5 Tonne in Concrete



9 319022 011330

Rain Drain Trade - 1m complete with Black Heel Guard Grate & Joiner



Product Code: 001134

Weight: 3.12kg

Load Rating:
5 Tonne in Concrete



9 319022 011347

Rain Drain Trade - 1m complete with Galvanised Steel Grate & Joiner



Product Code: 001143

Weight: 3.83kg

Load Rating:
5 Tonne in Concrete



9 319022 011439

Rain Drain Trade - 1m complete with 316 Architectural Grate & Joiner



Product Code: 001135

Weight: 4.83kg

Load Rating:
5 Tonne in Concrete



9 319022 011354

Rain Drain Trade - 1m complete with Sandstone Plastic Grate & Joiner



Product Code: 001190

Weight: 4.03kg

Load Rating:
5 Tonne in Concrete



9 319022 011903

Rain Drain Trade - 1m complete with Terracotta Plastic Grate & Joiner



Product Code: 001195

Weight: 4.03kg

Load Rating:
5 Tonne in Concrete



9 319022 011958

Rain Drain Trade - 1m complete with Portland Plastic Grate & Joiner



Product Code: 001200

Weight: 4.03kg

Load Rating:
5 Tonne in Concrete



9 319022 012009

Rain Drain Trade - 1m complete with Heritage Green Plastic Grate & Joiner



Product Code: 001188

Weight: 1.03kg

Load Rating:
5 Tonne in Concrete



9 319022 011880



3m Channels complete with Grate / Grate Only

Rain Drain Trade - 3m complete with Black Plastic Grate & Joiner



Product Code: 001324

Weight: 23.2kg

Load Rating:
5 Tonne in Concrete



9 319022 013242

Rain Drain Trade - 3m complete with Black Heel Guard Grate & Joiner



Product Code: 001325

Weight: 23.7kg

Load Rating:
5 Tonne in Concrete



9 319022 013259

Rain Drain Trade - 3m complete with Galvanised Steel Grate & Joiner



Product Code: 001334

Weight: 26.7kg

Load Rating:
5 Tonne in Concrete



9 319022 013341

Rain Drain Trade - 3m complete with Sandstone Plastic Grate & Joiner



Product Code: 001330

Weight: 26.7kg

Load Rating:
5 Tonne in Concrete



9 319022 013303

Rain Drain Trade - 3m complete with Terracotta Plastic Grate & Joiner



Product Code: 001331

Weight: 26.7kg

Load Rating:
5 Tonne in Concrete



9 319022 013310

Rain Drain Trade - 3m complete with Portland Plastic Grate & Joiner



Product Code: 001202

Weight: 26.7kg

Load Rating:
5 Tonne in Concrete



9 319022 012023

Rain Drain Trade - 3m complete with Heritage Green Plastic Grate & Joiner



Product Code: 001201

Weight: 26.7kg

Load Rating:
5 Tonne in Concrete



9 319022 012016

1m - Stainless Steel Grate Only



Product Code: 002090

Weight: 1.5kg

Load Rating:
5 Tonne in Concrete



9 319022 020905

Durability and appearance with 304 Stainless Steel



**1m - 316 Architectural Grate
complete with Surround Only**



316 Stainless Steel wedge wire perfect for high end pedestrian applications

Product Code: 003227

Weight: 2.5kg

Load Rating:
5 Tonne in Concrete



9 319022 032274

**500mm - Ductile Iron Grate
Only - Class C - Civil**



Perfect for commercial applications with slow moving heavy vehicles

Product Code: 002091

Weight: 2.4kg

Load Rating:
CLASS C
5000kg Heavy Duty



9 319022 020912

**1m - Galvanised Steel
Grate Only**



Hard wearing heavy duty galvanised steel grate

Product Code: 002089

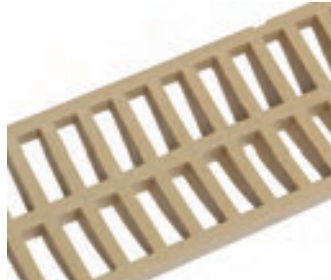
Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020899

**1m - Sandstone Plastic
Grate Only**



Perfect for paths, driveways and gardens

Product Code: 002095

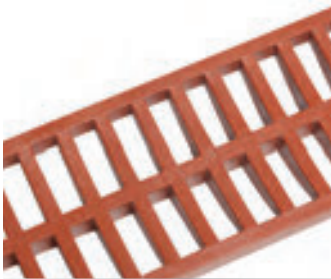
Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020950

**1m - Terracotta Plastic
Grate Only**



Perfect for paths, driveways and gardens

Product Code: 002093

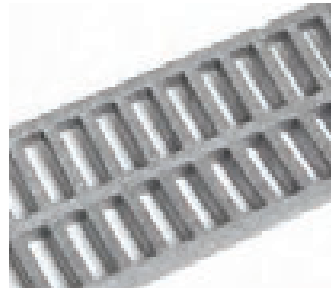
Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020936

**1m - Portland Grey Plastic
Grate Only**



Perfect for paths, driveways and gardens

Product Code: 001203

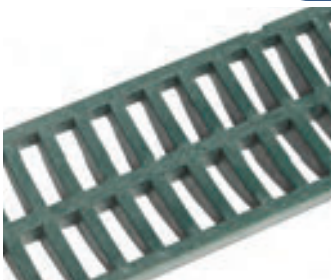
Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 012030

**1m - Heritage Green Plastic
Grate Only**



Perfect for paths, driveways and gardens

Product Code: 002086

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020868

**1m - Black Plastic
Grate Only**



Perfect for paths, driveways and gardens

Product Code: 002079

Weight: 1.6kg

Load Rating:
5 Tonne in Concrete



9 319022 020790



Grate Only / 1m Channel Only / 90° Corner complete with Grate

**1m - Black Heel Guard
Plastic Grate Only**



Perfect for pedestrian areas

Product Code: 002071

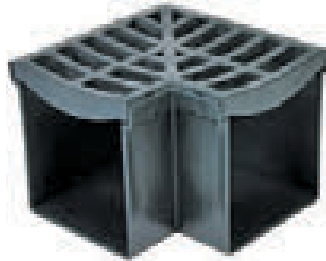
Weight: 0.7kg

Load Rating:
5 Tonne in Concrete



9 319022 020714

**Rain Drain Trade - Corner
complete with Black
Plastic Grate**



Product Code: 002480

Weight: 0.4kg

Load Rating:
5 Tonne in Concrete



9 319022 024804

**Rain Drain Trade - Corner
complete with Black
Heel Guard Grate**



Product Code: 002481

Weight: 0.4kg

Load Rating:
5 Tonne in Concrete



9 319022 024811

**Rain Drain Trade - Corner
complete with Galvanised
Steel Grate**



Product Code: 002484

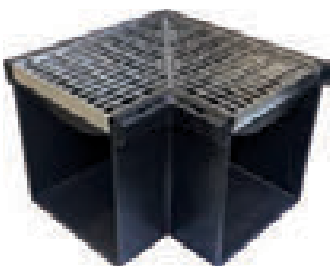
Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 024842

**Rain Drain Trade - Corner
complete with
316 Architectural Grate**



Product Code: 001137

Weight: 0.76kg

Load Rating:
5 Tonne in Concrete



9 319022 011378

**Rain Drain Trade - Corner
complete with Sandstone
Plastic Grate**



Product Code: 002489

Weight: 2.4kg

Load Rating:
5 Tonne in Concrete



9 319022 024897

**Rain Drain Trade - Corner
complete with Terracotta
Plastic Grate**



Product Code: 002491

Weight: 7kg

Load Rating:
N/A



9 319022 024910

**Rain Drain Trade - Corner
complete with Portland Grey
Plastic Grate**



Product Code: 002485

Weight: 1.7kg

Load Rating:
5 Tonne in Concrete



9 319022 024859



90° Corner complete with Grate / Accessories

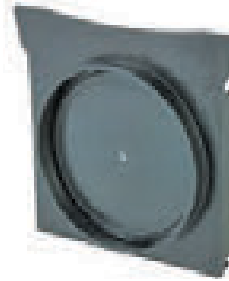
**Rain Drain Trade - Corner
complete with Heritage
Green Plastic Grate**

Product Code: 002483

Weight: 0.4kg

Load Rating:
5 Tonne in Concrete


9 319022 024835

**Rain Drain Trade -
End Cap Only**

Product Code: 001164

Weight: 0.06kg

Load Rating:
5 Tonne in Concrete


9 319022 011644

**Rain Drain Trade -
Joiner Only**

Product Code: 001157

Weight: 0.3kg

Load Rating:
5 Tonne in Concrete


9 319022 011576

**Rain Drain Trade -
Pit Clip Only**

Product Code: 001171

Weight: 0.1kg

Load Rating:
5 Tonne in Concrete


9 319022 011712

**Rain Drain Trade -
Corner Clip Only**

Product Code: 002475

Weight: 0.04kg

Load Rating:
5 Tonne in Concrete


9 319022 024750



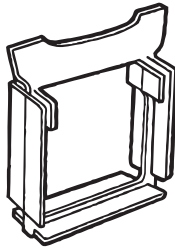
RAIN DRAIN TRADE

Drainage made simpler!

**For draining excess water quickly from driveways,
pool surrounds, paths etc.**

Free

Joiner allows easy joining of lengths and reuse of offcuts.



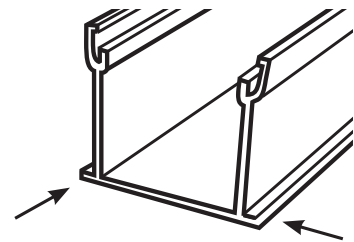
Super Strong

ReIn Rain Drain Trade withstands 5 tonne vehicle without moving in the concrete



Hold Down Feet

No movement once concrete is set.



Rain Drain Trade Channel complete with Grate

Easy to Install with Concrete or Pavers.

1. Form trench for ReIn Rain Drain Trade allowing 50mm bed of packed sand. If ReIn Rain Drain Trade will be subject to vehicle traffic, surround in concrete with expansion joint material each side.
2. Allow slope of approx 30cm to every 20m.
3. Join ReIn Rain Drain Trade with free ReIn joiner supplied. Use silicone sealant to water proof joint.
4. Use ReIn end cap at highest point of ReIn Rain Drain Trade.
5. Using pit clip, fit ReIn 250 rainwater pit at the lowest point to collect debris and water.
6. Install with grate fitted.
7. Top of grate must be 4mm below concrete or paver surface.

RELN

For more details go to www.reln.com.au

RELN TRADITIONAL PITS



Domestic Traditional Pits

- Ideal for use under downpipes, as a junction box, or at the end of a surfacewater drainage channels
- Designed for large household surfacewater drainage
- Australian Made from 100% recycled plastic
- Available in Class A, B and C Grates. All grates comply to Australian Standards



250 Rainwater Pit

Use a 250 Pit with bottom removed as a riser for 250 Pit



Series 300 Pit

300 Pit also available as a RELN Blackwater Distribution Pit



Series 300 Deep Pit

Risers available for 300 Pit and 300 Deep Pit



Leaf Guards available for 250, 300 and 300 Deep Pits

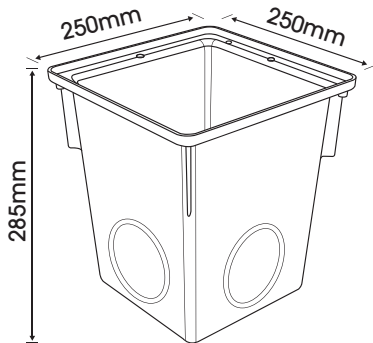
All 300 & 300 Deep Pits have Anti-Tamper Grates



Light Domestic Traditional Pits

This complete range of square and environmental pits with conventional and security grates will suit every domestic application. Our range of innovative features and extensive grate options make installing simple and flexible for both DIYers and Trade.

- > **Series 250 - Capacity: 10.5L**
 (250 x 250 x 285mm)
 Also known as Rainwater Pit.



- Perfect under downpipes, as a junction box or at the end of surface water drainage channel
- Household surface water drainage

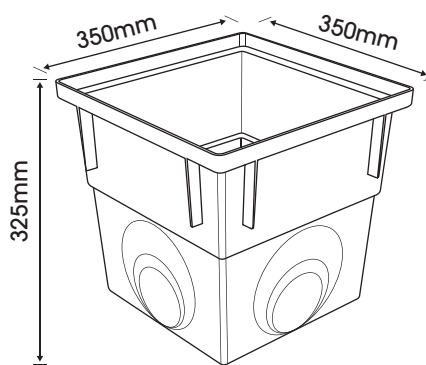
Grate Options: (248 x 248 x 8mm);
 Black Plastic, Portland Grey Plastic,
 Sandstone Plastic, Terracotta Plastic,
 Plain Aluminium, Sandstone Aluminium,
 Terracotta Aluminium, Architectural Steel

Risers: To be used with series 250
 Rainwater Pit, with the base cut out

Accessories: Reln Leaf Guard Basket

Display: Brochure Available

- > **Series 300 - Capacity: 22L**
 (350 x 350 x 325mm)



- Ideal for pedestrian and light vehicle traffic
- Large household surfacewater drainage

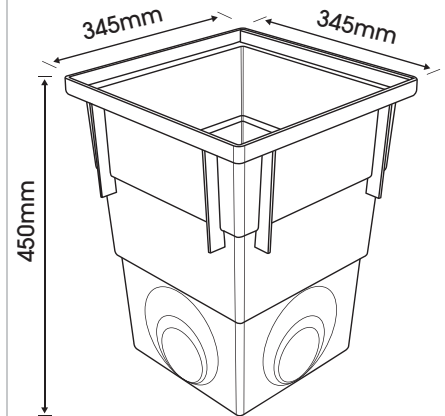
Grate Options: (330 x 330 x 20mm)
 Plain, Sandstone and Terracotta
 Aluminium, Ductile Iron Class C Civil,
 Light Duty Galvanised Steel Class A,
 Light Duty Heel Guard Galvanised
 Steel Class A, Solid Alloy Lid

Risers: Height 250mm

Accessories: Reln Leaf Guard Basket

Display: Brochure Available

- > **Series 300 Deep - Capacity: 32L**
 (345 x 345 x 450mm)



- Ideal for pedestrian and light vehicle traffic
- Large household surfacewater drainage

Grate Option: (330 x 330 x 20mm)
 Plain, Sandstone and Terracotta
 Aluminium, Ductile Iron Class C
 Civil, Light Duty Galvanised Steel
 Class A, Light Duty Heel Guard
 Galvanised Steel Class A, Solid Alloy
 Steel Lid

Risers: Height 250mm

Accessories: Galvanised Trash
 Screen with handle.

Display: Brochure Available

>Frequently Asked Questions

Q1. Series 250 – where can you use this pit?

A. Any area around your yard in combination with horizontal pipe work.

Q2. Series 250 – are flat grates available?

A. Yes. The 316 Electro polished Stainless Steel Architectural Grate is available for use with the Series 250 Rainwater Pit.

Q3. What size pipes can connect to the pits?

A. Traditional Pits run on a horizontal pipework and can connect to 90mm and 100mm PVC pipe. (Larger PVC stormwater pipes can run through the pits, just cut hole to size).

Q4. What Risers are available?

A. Risers are available for Series 300 (short and deep), 410, 450, 600 Pits. Series 250 Pit uses another Series 250 Pit with bottom cut out. Uni-Pit Vortex require no risers as they connect to vertical pipework. Polymer Concrete pits have their own risers.

Q5. How do I fit the PVC pipe to the Traditional Pits?

A. Use silicon to seal and secure pipework to Traditional Pits. Only Uni-Pit Vortex can be easily secured with silicon glue as well.

Q6. What is the load rating of the grates?

A. See our Class Load Rating table for more information.

**Series 250 pit complete
with Black Concave Grate**

Product Code: 002185

Weight: 1.2kg

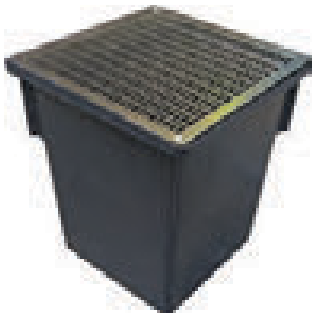
Load Rating:
Residential Light Duty

**Series 250 pit complete
with Plain Aluminium
Concave Grate**

Product Code: 001102

Weight: 1.7kg

Load Rating:
Residential Light Duty

**Series 250 pit complete
with Architectural
Flat Grate**

Product Code: 001141

Weight: 2.75kg

Load Rating:
Residential Light Duty

**Series 250 pit complete
with Portland Grey
Concave Grate**

Product Code: 002209

Weight: 1.2kg

Load Rating:
Residential Light Duty

**Series 250 pit complete
with Sandstone
Concave Grate**

Product Code: 002211

Weight: 1.2kg

Load Rating:
Residential Light Duty

**Series 250 pit complete
with Terracotta
Concave Grate**

Product Code: 002208

Weight: 1.2kg

Load Rating:
Residential Light Duty

**Series 250 pit complete
with Sandstone Aluminium
Concave Grate**

Product Code: 001380

Weight: 1.7kg

Load Rating:
Residential Light Duty

**Series 250 pit complete
with Heritage Green
Aluminium Concave Grate**

Product Code: 002192

Weight: 1.7kg

Load Rating:
Residential Light Duty




Series 250 pit Black Plastic Concave Grate Only



Product Code: 002215

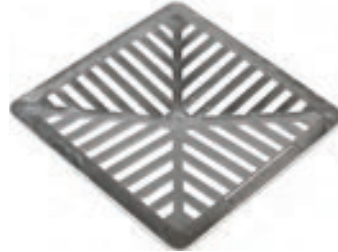
Weight: 0.2kg

Load Rating:
Residential Light Duty



Perfect for under taps, down pipes or domestic applications

Series 250 pit Plain Aluminium Concave Grate Only



Product Code: 001126

Weight: 0.7kg

Load Rating:
Residential Light Duty



Perfect for under taps, down pipes or domestic applications

Series 250 pit Flat Aluminium Grate Only



Product Code: 001127

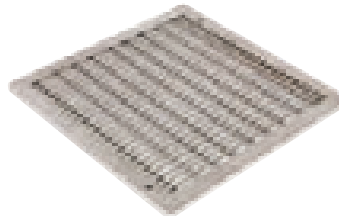
Weight: 0.7kg

Load Rating:
Residential Light Duty



Perfect for pedestrian, paved areas and domestic applications

Series 250 pit Flat 316 SS Architectural Grate Only



Product Code: 001128

Weight: 1.75kg

Load Rating:
Residential Light Duty



Perfect for high end finish and pedestrian areas

Series 250 pit Portland Grey Plastic Concave Grate Only



Product Code: 002210

Weight: 0.2kg

Load Rating:
Residential Light Duty



Perfect for under taps, down pipes or domestic applications

Series 250 pit Sandstone Plastic Concave Grate Only



Product Code: 002212

Weight: 0.2kg

Load Rating:
Residential Light Duty



Perfect for under taps, down pipes or domestic applications

Series 250 pit Heritage Green Plastic Concave Grate Only



Product Code: 002222

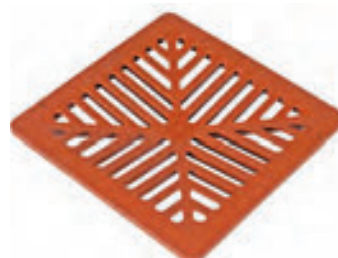
Weight: 0.2kg

Load Rating:
Residential Light Duty



Perfect for under taps, down pipes or domestic applications

Series 250 pit Terracotta Plastic Concave Grate Only



Product Code: 002239

Weight: 0.2kg

Load Rating:
Residential Light Duty



Perfect for under taps, down pipes or domestic applications



250 Grate Only / Series 250 Accessories / Series 250 Base Only

Series 250 pit Sandstone Aluminium Concave Grate Only



Product Code: 001381

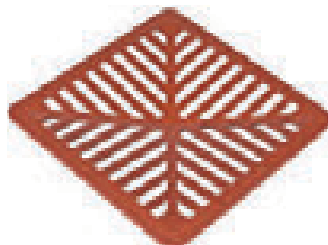
Weight: 0.7kg

Load Rating: Residential Light Duty



Perfect for domestic applications

Series 250 pit Terracotta Aluminium Concave Grate Only



Product Code: 002000

Weight: 0.7kg

Load Rating: Residential Light Duty



Perfect for domestic applications

Series 250 pit Base Only



Product Code: 001119

Weight: 1kg

Load Rating: N/A



Drain Guard - Small complete with Handle



Product Code: 000209

Weight: 0.1kg





Series 300 complete with Grate

Series 300 pit complete with Plain Aluminium Grate



Product Code: 001003

Weight: 4.1kg

Load Rating:

CLASS >A

330kg Light Duty



9 319022 010036

Series 300 pit complete with Galvanised Steel Class A Grate



Product Code: 002050

Weight: 6.3kg

Load Rating:

CLASS >A

330kg Light Duty



9 319022 020509

Series 300 pit complete with Heel Guard Galvanised Steel Class A Grate



Product Code: 002051

Weight: 6kg

Load Rating:

CLASS >A

330kg Light Duty



9 319022 020516

Series 300 pit complete with Solid Aluminium Lid



Product Code: 001010

Weight: 4.1kg

Load Rating:

CLASS >A

330kg Light Duty



9 319022 010104

Series 300 pit complete with Ductile Iron Class C Civil Grate



Product Code: 002053

Weight: 8.6kg

Load Rating:

CLASS >C

15,000kg Heavy Duty



9 319022 020530

Series 300 pit complete with Heritage Green Aluminium Grate



Product Code: 002017

Weight: 4.1kg

Load Rating:

CLASS >A

330kg Light Duty



9 319022 020172

Series 300 pit complete with Sandstone Aluminium Grate



Product Code: 002025

Weight: 4.1kg

Load Rating:

CLASS >A

330kg Light Duty



9 319022 020257

Series 300 pit Base Only



Product Code: 001027

Weight: 2.5kg

Load Rating:

CLASS >A

330kg Light Duty



9 319022 010272



300 Deep Pit complete with Grate



Series 300 Deep Pit complete with Plain Aluminium Grate

Product Code: 002032

Weight: 4.6kg

Load Rating:



330kg Light Duty



9 319022 020325



Series 300 Deep Pit complete with Galvanised Steel Class A Grate

Product Code: 002036

Weight: 6.8kg

Load Rating:



330kg Light Duty



9 319022 020363



Series 300 Deep Pit complete with Heel Guard Galv Steel Class A Grate

Product Code: 002037

Weight: 1.6kg

Load Rating:



330kg Light Duty



9 319022 020370



Series 300 Deep Pit complete with Plain Solid Aluminium Grate

Product Code: 002038

Weight: 4.6kg

Load Rating:



330kg Light Duty



9 319022 020387



Series 300 Deep Pit complete with Sandstone Aluminium Grate

Product Code: 002033

Weight: 4.6kg

Load Rating:

Residential Light Duty



9 319022 020332



Series 300 Deep Pit complete with Terracotta Aluminium Grate

Product Code: 002035

Weight: 4.9kg

Load Rating:



330kg Light Duty



9 319022 020356



Series 300 Deep Pit complete with Heritage Green Aluminium Grate

Product Code: 002034

Weight: 4.6kg

Load Rating:



330kg Light Duty



9 319022 020349



Series 300 Deep Pit Base Only

Product Code: 002030

Weight: 3kg

Load Rating:



330kg Light Duty

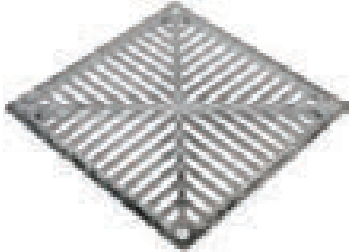


9 319022 020301



Series 300 Grate Only / Series 300 Accessories / Series 300 Deep Base Only & complete with Grate

Series 300 pit Plain Aluminium Grate Only



Product Code: 001034

Weight: 1.6kg

Load Rating:

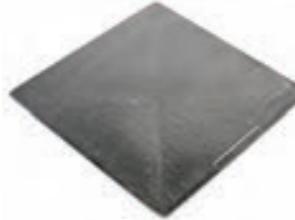
CLASS >A

330kg Light Duty



Perfect for domestic applications

Series 300 pit Solid Aluminium Lid Grate Only



Product Code: 001041

Weight: 1.6kg

Load Rating:

CLASS >A

330kg Light Duty



Perfect for domestic applications

Series 300 pit Galvanised Steel Class A Grate Only



Product Code: 002049

Weight: 3.8kg

Load Rating:

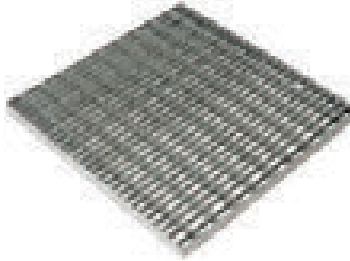
CLASS >A

330kg Light Duty



Perfect for domestic applications

Series 300 pit Heel Guard Galvanised Steel Class A Grate Only



Product Code: 002028

Weight: 3.5kg

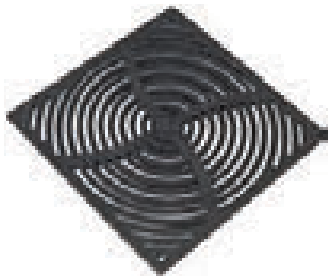
Load Rating:

CLASS >A

330kg Light Duty

Perfect for domestic and pedestrian applications

Series 300 pit Ductile Iron Class C Civil Grate Only



Product Code: 002047

Weight: 6.1kg

Load Rating:

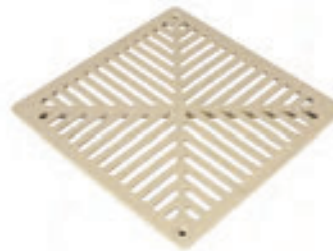
CLASS >C

15,000kg Heavy Duty



Perfect for commercial applications

Series 300 pit Sandstone Aluminium Grate Only



Product Code: 002026

Weight: 1.6kg

Load Rating:

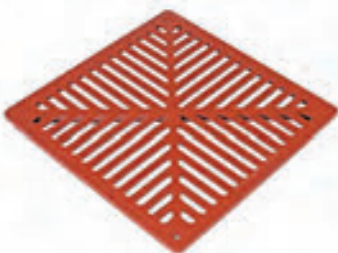
CLASS >A

330kg Light Duty



Perfect for domestic applications

Series 300 pit Terracotta Aluminium Grate Only



Product Code: 002048

Weight: 1.9kg

Load Rating:

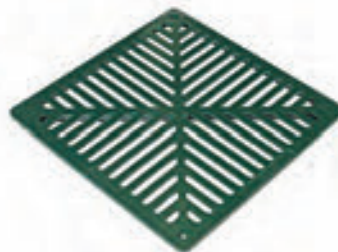
CLASS >A

330kg Light Duty



Perfect for domestic applications

Series 300 pit Heritage Green Aluminium Grate Only



Product Code: 002031

Weight: 1.6kg

Load Rating:

CLASS >A

330kg Light Duty



Perfect for domestic and garden applications



Drain Guard - Large / Distribution Pit

Series 300 Riser - 250mm

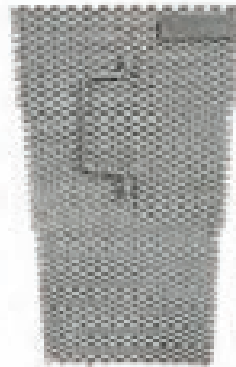


Product Code: 001004

Weight: 2kg



Series 300 Deep Pit Galvanised Steel Trash Screen



Product Code: 001094

Weight: 2.2kg



Drain Guard - Large complete with Handle

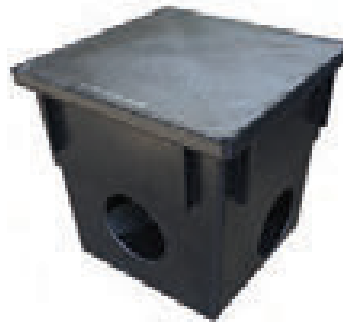


Product Code: 001011

Weight: 0.2kg



Series 300 Distribution Pit complete with Solid Aluminium Lid



Product Code: 000588

Weight: 3.65kg

Load Rating:

CLASS >A

330kg Light Duty



Class Loading	Typical Use	Nominal Wheel Loading kg	Serviceability Design Load kN	Ultimate Limit State Design Load kN
<i>RESIDENTIAL</i>	Non-rated usage. Designed for residential applications such as pathways and driveways.	N/A	N/A	N/A
CLASS >A	Areas (including paths) accessible only to pedestrians and pedal cyclists and closed to other traffic.	330	6.7	10
CLASS >B	Areas (including paths and light tractor paths) accessible to vehicles (excl. commercial vehicles) or livestock.	2670	53	80
CLASS >C	Malls and areas open to slow moving commercial vehicles.	5000	100	150
CLASS >D	Carriageways of roads and areas open to commercial vehicles.	8000	140	210
CLASS >E	General docks and aircraft pavements.	13 700	267	400
CLASS >F	Docks and aircraft pavements subject to high wheel loads.	20 000	400	600
CLASS >G	Docks and aircraft pavements subject to very high wheel loads.	30 000	600	900



RELN TRADITIONAL PITS

Installation Instructions

Conventional Traditional Pits

- Excavate hole for pit to required depth
- Bed pit on a sand base to set top of pit at installed level
- Mark and cut pipe holes as required
- Install pit in hole
- Connect pipes
- Seal pipe and pit with silicone
- When installing a riser, ensure riser is secured to pit with supplied nuts and bolts, with washer on each side of the assembly. Seal around Riser and Pit base with silicone
- Install grate - leave grate installed whilst back - filling and concreting
- Even backfill around pit
- Support pits and risers in a concrete collar - 250 and 300 series min 100mm thick x min 150 wide - 450 & 600 series min 150 thick x min 150mm wide



Heavy Duty Commercial Pits

- Ideal for driveways, carparks and any trafficable areas
- Easy to maintain
- Lock down security grate kits available for Series 450/600
- Australian Made from 100% recycled plastic
- Class A and B grates available & comply to Australian Standards



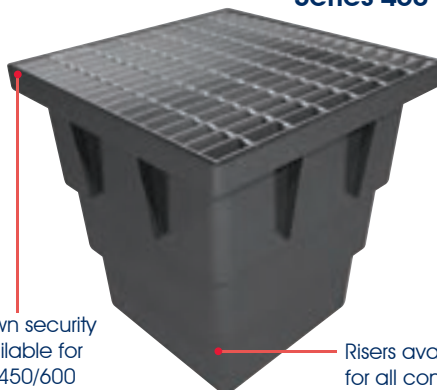
Large range of grates available, including NEW Anti-Slip Heel Guard Galvanised Steel grate (above), to suit your needs

Series 410



410 Series also available as a RELN Nviro Pit, suitable for domestic stormwater lines where silt and leaves need to be prevented from entering the environment

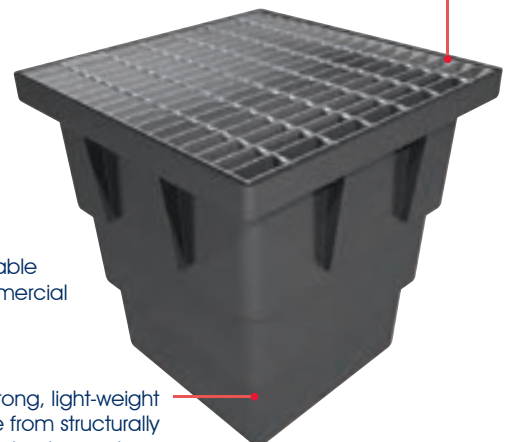
Series 450



Lock down security kits available for Series 450/600

Risers available for all commercial pits

Series 600



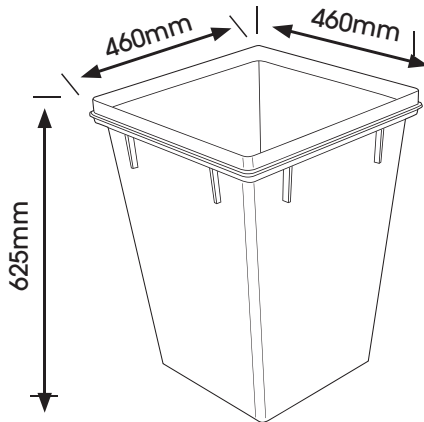
Super-strong, light-weight base made from structurally foamed polypropylene



Heavy Duty Commercial Pits

RELN Heavy Duty Commercial Traditional Pits is a complete range of square and environmental pits with conventional and security grates to suit every heavy commercial application. The range has been designed as a total solution to the environmental and safety hazards commonly associated with commercial drainage.

- > **Series 410 -**
Capacity: 75L
(460 x 460 x 625mm)



- Ideal for driveways and car parks
- Deep commercial pit
- Preferred where plenty of fall in the stormwater pipes is required

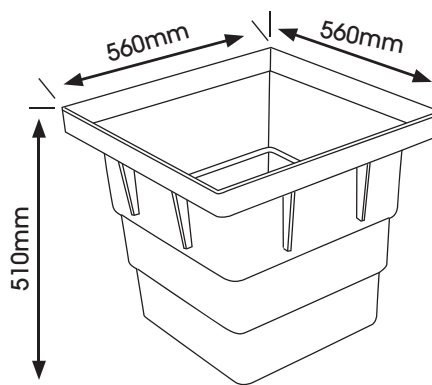
Grate Options: (435 x 435 x 20mm)
Light Duty Galvanised Steel Class A, Anti-Slip Heel Guard Galvanised Steel Class A, Medium Duty Galvanised Steel Class B, Medium Duty Galvanised Steel Checker Plate Cover Class B

Risers: Height 350mm

Accessories: Galvanised Trash Screen with handle.

Display: Brochure Available

- > **Series 450 -**
Capacity: 76L
(560 x 560 x 510mm)



- Ideal for driveways, car parks and any trafficable areas
- Medium heavy duty commercial Pit

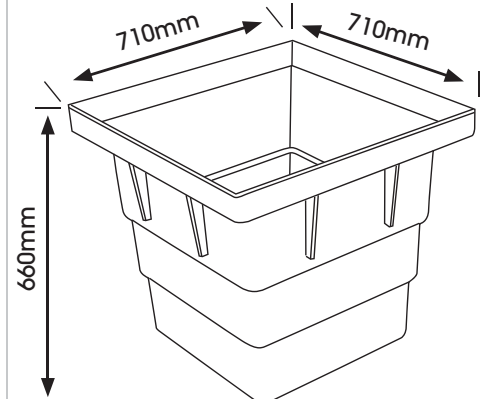
Grate Options: (540 x 540 x 50mm)
Light Duty Galvanised Steel Class A, Light Duty Heel Guard Galvanised Steel Class A, Medium Duty Anti-Slip Galvanised Steel Class B, Medium Duty Anti-Slip Heel Guard Galvanised Steel Class B, Medium Duty Galvanised Steel Checker Plate Cover Class B

Risers: Height 300mm

Accessories: Galvanised Trash Screen with handle, Series 450/600 Pit Grate Security Kit

Display: Brochure Available

- > **Series 600 Deep -**
Capacity: 175L
(710 x 710 x 660mm)



- Ideal for driveways, car parks and trafficable areas
- Large heavy duty commercial pit
- Ideal junction box where large bore pipe is used

Grate Options: (685 x 685 x 50mm)
Light Duty Anti-Slip Galvanised Steel Class A, Light Duty Galvanised Steel Class A, Medium Duty Galvanised Steel Class B, Medium Duty Anti-Slip Heel Guard Galvanised Steel Class B, Medium Duty Galvanised Steel Checker Plate Class B

Risers: Height 300mm

Accessories: Galvanised Trash Screen with handle, Series 450/600 Pit Grate Security Kit

Display: Brochure Available

> Frequently Asked Questions

Q1. What does the Nviro Pit do?

A. The RELN Nviro Pit protects our stormwater systems, wetlands, rivers and watercourses from pollutants, plastic bags, cigarette butts and aluminium cans entering the stream.

Q2. What does the Nviro Pit come with?

A. The RELN Nviro Pit comes with pit base, inner basket and diffuser with either a Light Duty Class A Galvanised grate or a Medium Duty Class B Galvanised grate.

Q3. What size pipes can connect to the pits?

A. Traditional Pits run on a horizontal pipework and can connect to 90mm and 100mm PVC pipe. (Larger PVC stormwater pipes can run through the pits, just cut hole to size).

Q4. What Risers are available?

A. Risers are available for Series 300 (short and deep), 410, 450, 600 Pits. Series 250 Pit uses another Series 250 Pit with bottom cut out. Uni-Pit Vortex require no risers as they connect to vertical pipework. Polymer Concrete pits have their own risers.

Q5. How do I fit the PVC pipe to the Traditional Pits?

A. Use silicon to seal and secure pipework to Traditional Pits. Only Uni-Pit Vortex can be easily secured with silicon glue as well.

Q6. What is the load rating of the grates?

A. See our Class Load Rating table for more information.



Series 410 (Base Only) / Series 410 complete with Grate / Grate Only / Series 410 Pit Accessories

Series 410 Pit complete with Galvanised Steel Class A Grate



Product Code: 001065

Weight: 11kg

Load Rating:

CLASS >A

330kg Light Duty



Series 410 Pit complete with Galvanised Steel Class B Grate



Product Code: 001058

Weight: 13.5kg

Load Rating:

CLASS >B

2670kg Medium Duty



Series 410 pit Base Only



Product Code: 001072

Weight: 5.5kg

Load Rating:

N/A



Series 410 Pit Galvanised Steel Class A Grate Only



Product Code: 001096

Weight: 5.5kg

Load Rating:

CLASS >A

330kg Light Duty



Perfect for light commercial applications

Series 410 Pit Galvanised Steel Class B Grate Only



Product Code: 001089

Weight: 8kg

Load Rating:

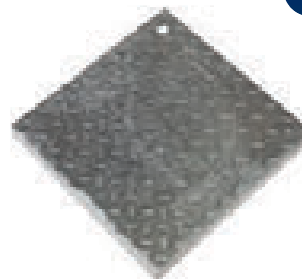
CLASS >B

2670kg Medium Duty



Perfect for commercial applications

Series 410 Pit Checker Plate Galvanised Class B Cover Only



Product Code: 001090

Weight: 10.72kg

Load Rating:

CLASS >B

2670kg Medium Duty



Perfect for commercial applications

Series 410 Riser - 350mm

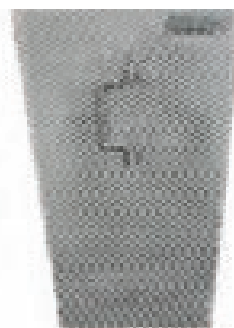


Product Code: 001006

Weight: 2kg



Series 410 Pit Galvanised Steel Trash Screen



Product Code: 001097

Weight: 2.87kg





Nviro Pit complete with Grate, Inner Basket and Defuser (410 pit base)

Reln Nviro Pit complete with Galvanised Steel Class A Grate

Product Code: 001000

Weight: 1.2kg

Load Rating:
CLASS A
330kg Light Duty



9 319022 010005

Reln Nviro Pit complete with Galvanised Steel Class B Grate

Product Code: 001017

Weight: 1.7kg

Load Rating:
CLASS B
2670kg Medium Duty



9 319022 010173

Series 450 Nviro Pit protects our waterways.

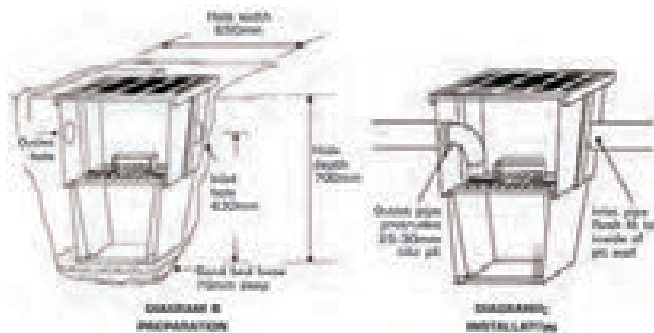
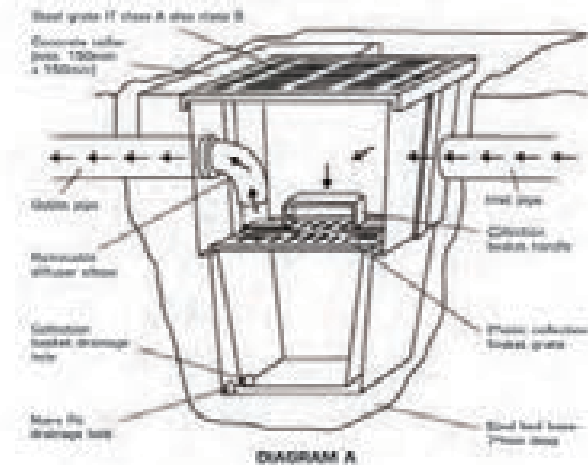
Installation Instructions

Preparation

1. Dig a suitable hole approx 700mm deep and 650mm square inline with stormwater pipeline **(See diagram B)**
 - For best performance the Nviro Pit™ inlet and outlet should be diagonally opposed to the right hand side and we recommend this for all new installations. **(See Diagram B).**
2. Cut 2 x 90mm holes (diagonally opposite) for inlet and outlet of stormwater pipe. Hole centres should be 430mm from the base. **(See Diagram B).**
 - Bed the base of the pit approx 70mm of sand. **(See Diagram B).**
 - Position pit into hole.

Installation

3. Fit stormwater inlet pipe into pit. Seal with silicone. The inside of the inlet pipe must be flush with the wall of the pit (This allows easy Collection Basket removal). If collecting surface water from drainage channel, use an end cap and connect a stormwater pipe into the Nviro Pit.™
4. Fit stormwater outlet pipe allowing a 25–30mm protrusion into pit. This allows for fitting of the Diffuser Elbow and removal of collection basket **(See Diagram C).**
5. Fit collection basket firmly and flush into the base of the pit. The Collection Basket Handle is to fit into the moulded recess.
6. Fit the Diffuser Elbow to outlet pipe inside the pit facing down –DO NOT GLUE. (The Diffuser Elbow must be removed to allow removal of Collection basket) **(See Diagram C).**
7. When the Nviro Pit™ is set and pipes connected, backfill the hole with sand.
8. Set a collar of concrete around top of pit, minimum of 150mm deep and 150mm wide surrounding the pit. The Nviro Pit™ grate is Class A and is suitable for domestic vehicular traffic. **(See Diagram A).**



Product Specifications.

D/A Size: 460 x 460 x 625mm
 Capacity: 75Litres
 All up weight with Class A grate: 16kg
 All up weight with Class B grate: 20kg
 Galvanised Steel Class A Grate (1 Ton)
 Galvanised Steel Class B Grate (6 Ton)
 (All dimensions approximate)



Series 450 pit Grate Only / Series 450 pit Accessories

Series 450 Pit complete with Galvanised Steel Class A Grate



Product Code: 001110

Weight: 16.65kg

Load Rating:

CLASS **A**

330kg Light Duty



9 319022 011101

Series 450 Pit complete with Galvanised Steel Class B Grate



Product Code: 001111

Weight: 20.20kg

Load Rating:

CLASS **B**

2670kg Medium Duty



9 319022 011118

Series 450 Pit complete with Galvanised Steel Flat Bar Heel Guard Class A Grate



Product Code: 001123

Weight: N/A

Load Rating:

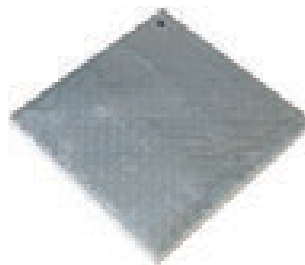
CLASS **A**

330kg Light Duty



9 319022 011231

Series 450 Pit Checker Plate Gal Class B Cover Only



Product Code: 001091

Weight: 16kg

Load Rating:

CLASS **B**

2670kg Medium Duty



9 319022 010913

Perfect for commercial applications

Series 450 Pit Base Only



Product Code: 001109

Weight: 6.5kg

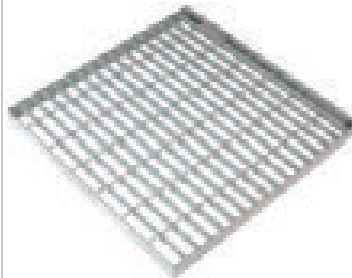
Load Rating:

Residential Light Duty



9 319022 011095

Series 450 Pit Galvanised Steel Class A Grate Only



Product Code: 001112

Weight: 10.2kg

Load Rating:

CLASS **A**

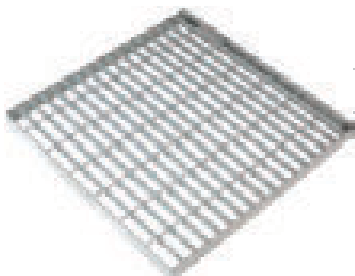
330kg Light Duty



9 319022 011125

Perfect for light commercial applications

Series 450 Pit Galvanised Steel Class B Grate Only



Product Code: 001113

Weight: 13.8kg

Load Rating:

CLASS **B**

2670kg Medium Duty



9 319022 011132

Perfect for commercial applications

Series 450 Riser - 300mm



Product Code: 001093

Weight: 5kg

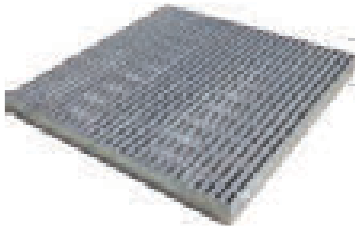


9 319022 010937



Series 600 pit (Base Only) / Series 600 pit complete with Grate / Series 600 pit Grate only

Series 450 Pit Anti-Slip Heel Guard Galvanised Steel Class A Grate Only



Product Code: 001144

Weight: 13kg

Load Rating:

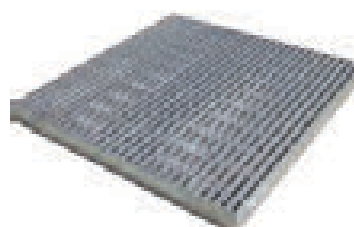
CLASS >A

330kg Light Duty



Perfect for light commercial and pedestrian applications

Series 450 Pit Anti-Slip Heel Guard Galv Steel Class B Grate Only



Product Code: 001145

Weight: 15kg

Load Rating:

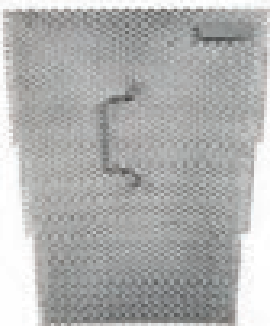
CLASS >B

2670kg Medium Duty



Perfect for commercial applications

Series 450 Pit Galvanised Steel Trash Screen



Product Code: 001098

Weight: 2.8kg



Perfect for commercial applications

Series 450/Series 600 Pit Grate Security Kit



Product Code: 002270

Weight: 0.12kg



Class Loading	Typical Use	Nominal Wheel Loading kg	Serviceability Design Load kN	Ultimate Limit State Design Load kN
RESIDENTIAL	Non-rated usage. Designed for residential applications such as pathways and driveways.	N/A	N/A	N/A
CLASS >A	Areas (including paths) accessible only to pedestrians and pedal cyclists and closed to other traffic.	330	6.7	10
CLASS >B	Areas (including paths and light tractor paths) accessible to vehicles (excl. commercial vehicles) or livestock.	2670	53	80
CLASS >C	Malls and areas open to slow moving commercial vehicles.	5000	100	150
CLASS >D	Carriageways of roads and areas open to commercial vehicles.	8000	140	210
CLASS >E	General docks and aircraft pavements.	13 700	267	400
CLASS >F	Docks and aircraft pavements subject to high wheel loads.	20 000	400	600
CLASS >G	Docks and aircraft pavements subject to very high wheel loads.	30 000	600	900

Series 600 pit complete with Galvanised Steel Class A Grate



Product Code: 001115

Weight: 24.8kg

Load Rating:

CLASS > A

330kg Light Duty



Series 600 pit complete with Galvanised Steel Class B Grate



Product Code: 001116

Weight: 33.2kg

Load Rating:

CLASS > B

2670kg Medium Duty



Series 600 pit complete with Galvanised Steel Flat Bar Heel Guard Class A Grate



Product Code: 001131

Weight: 32kg

Load Rating:

CLASS > A

330kg Light Duty



Series 600 pit complete with Galvanised Steel Flat Bar Heel Guard Class B Grate



Product Code: 001139

Weight: 34kg

Load Rating:

CLASS > B

2670kg Medium Duty



Series 600 Pit Base Only



Product Code: 001117

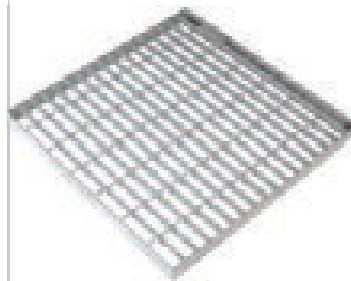
Weight: 12.5kg

Load Rating:

N/A



Series 600 pit Galvanised Steel Class A Grate Only



Product Code: 001120

Weight: 12.3kg

Load Rating:

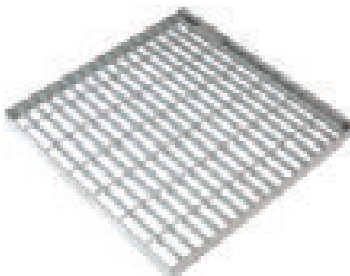
CLASS > A

330kg Light Duty



Perfect for light commercial applications

Series 600 pit Galvanised Steel Class B Grate Only



Product Code: 001118

Weight: 20.7kg

Load Rating:

CLASS > B

2670kg Medium Duty



Perfect for commercial applications

Series 600 pit Checker Plate Gal Class A Cover Only



Product Code: 001092

Weight: 24.78kg

Load Rating:

CLASS > A

330kg Light Duty

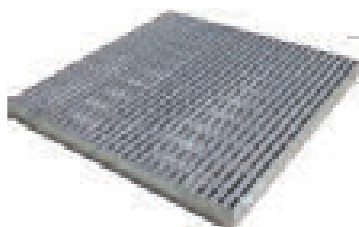


Perfect for light commercial applications



Series 600 pit Grate Only / Series 600 pit Accessories

Series 600 pit Anti-Slip Heel Guard Galvanised Steel Class A Grate Only



Product Code: 001146

Weight: 18.46kg

Load Rating:

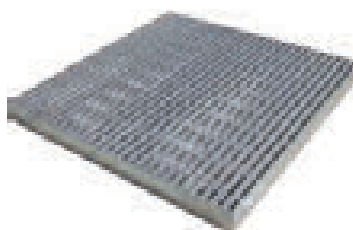


330kg Light Duty



Perfect for light commercial and pedestrian applications

Series 600 pit Anti-Slip Heel Guard Gal Class B Grate Only



Product Code: 001147

Weight: 24kg

Load Rating:



2670kg Medium Duty



Perfect for commercial and pedestrian applications

Series 600 Riser - 300mm



Product Code: 001122

Weight: 8kg



Series 600 Pit Galvanised Steel Trash Screen



Product Code: 001099

Weight: 4.29kg



Perfect for commercial applications

Series 450/Series 600 Pit Grate Security Kit

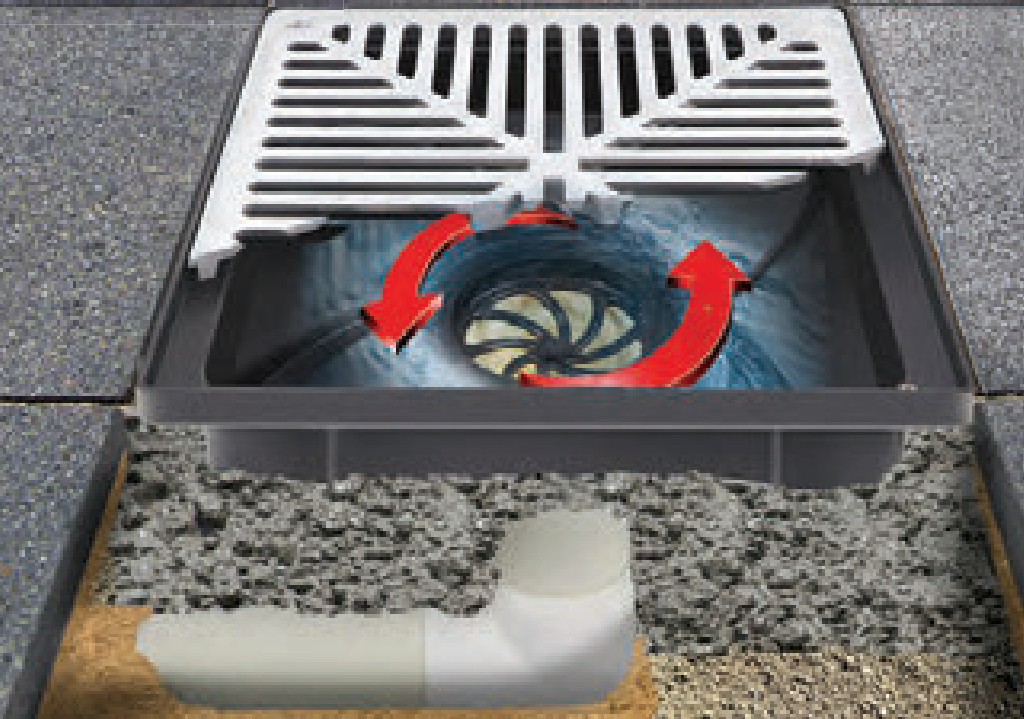


Product Code: 002270

Weight: 0.12kg



RELN
Unipit
VORTEX™

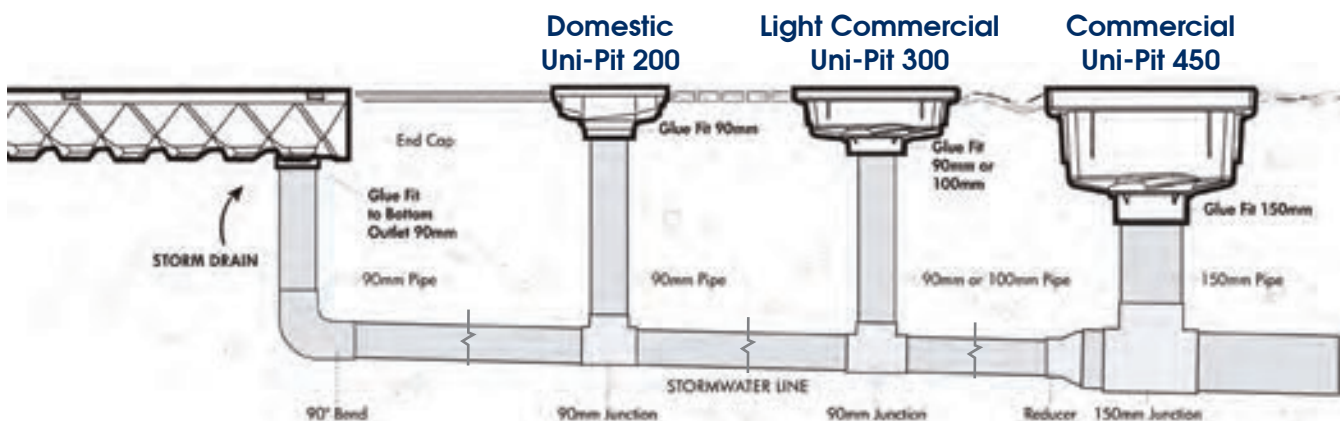


Fastest, Easiest In-line Drainage System

- Anti-Tamper feature
- Vortex design assists in water flow
- Designed to eliminate pooling water = no mosquitoes
- Built in debris collector prevents pipe blockage
- Easy glue fit to 90mm or 100mm PVC pipe
- No risers needed. Cut vertical pipe to required depth
- Available in Class A, B and C grates which all comply to Australian Standards



**No Pooling Water!
No Mozzies!**

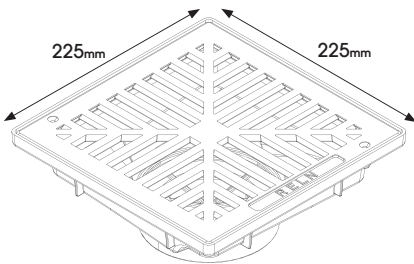




Uni-Pit Vortex

RELN Uni-Pits are the fastest and easiest pits to install. The unique vortex design prevents water pooling in the bottom of the pit, removing a common breeding place for mosquitoes. The Uni-Pit Vortex inline drainage system eliminates the need for risers, as vertical pipe can be cut to the required depth.

- > **Uni-Pit Vortex 200**
Capacity: 2L
225 x 225 x 89mm - Flat Grate



Ideal for pedestrian areas

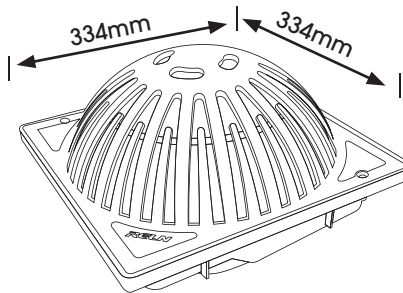
- Designed to fit with standard sized pavers
- Flat aluminium grate blends in ideally in small or large paved areas
- Built in debris collector prevents pipe blockage
- Vortex design assists in water flow
- Anti-Tamper feature
- Designed to eliminate pooling water = no mosquitoes
- Easy glue fit to 90mm or 100mm PVC pipe

Grate Options: (218 x 218 x 8mm): Flush Plain Aluminium, Sandstone Aluminium, Terracotta Aluminium and Architectural Steel

Risers: No risers needed. Cut vertical pipe to required depth

Display: Hang Pads and Flyers available

- > **Uni-Pit Vortex 200**
Capacity 2L
225 x 225mm - Greenscape Grates



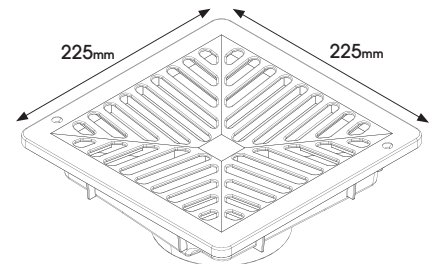
- Ideal for garden or lawn areas
- Green blends seamlessly into surrounding garden area
- Atrium grate ideal for mulched areas
- Built in debris collector prevents pipe blockage
- Vortex design assists in water flow
- Anti-Tamper feature
- Designed to eliminate pooling water = no mosquitoes
- Easy glue fit to 90mm or 100mm PVC pipe

Grate Options: (218 x 218 x 8mm): Flush Green Plastic, Green Plastic Atrium Grate

Risers: No risers needed. Cut vertical pipe to required depth

Display: Hang Pads and Flyers available

- > **Uni-Pit Vortex 200**
Capacity 2L
225 x 225 x 89mm - Concave Grate



Ideal for under downpipes or taps

- Ideal for under downpipes or taps
- Designed to fit with standard sized pavers
- Built in debris collector prevents pipe blockage
- Vortex design assists in water flow
- Anti-Tamper feature
- Designed to eliminate pooling water = no mosquitoes
- Easy glue fit to 90mm or 100mm PVC pipe

Grate Options: (218 x 218 x 8mm): Black Concave plastic grate

Risers: No risers needed. Cut vertical pipe to required depth

Display: Hang Pads and Flyers available

> Frequently Asked Questions

Q1. What are the dimensions of your Uni-Pit Vortex grates?

A. Series 200: 218 x 218mm
Series 300: 330 x 330mm
Series 450: 540x 540mm

Q2. How many kg can the Uni-Pit Vortex hold?

A. All of our pits can hold a minimum of 330kg (Class A). See our Class Load Ratings table for more information.

Q3. Do the Uni-Pit Vortex grates have a lockdown feature?

A. All Uni-Pit Vortex Pits come with an Anti-Tamper feature which prevents theft and reduces grate bounce.

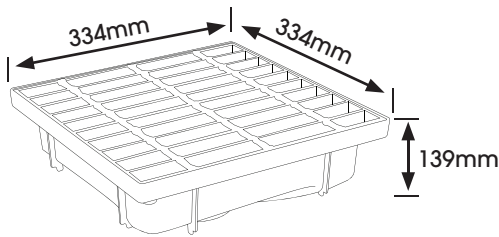
Q4. What is the difference between Uni-Pit Vortex Pits and competitor ranges?

A. The unique vortex design of the Uni-Pit Vortex allows water to clear faster and prevents pooling water & breeding of mosquitoes. Our Australian Made, high impact, structurally formed Polypropylene base is made from 100% recycled plastic. All our pits are glueable to PVC Stormwater pipe.

Q5. Where can the Uni-Pit Vortex pits be used?

A. Anywhere around your yard and home, designed for vertical pipe-work. Flat grates are used for paved areas and concave grates for under taps and downpipes.

> Uni-Pit Vortex 300 (5L Capacity – 334 x 334 x 139mm):



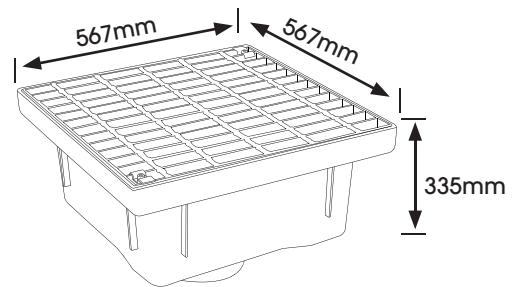
- Ideal for domestic and commercial larger paved areas and driveways
- Civil Ductile Iron Swirl Grate for slow heavy moving traffic
- Shallow pit = easier installation
- Anti-Tamper feature
- High impact polypropylene base
- Designed to eliminate pooling water = no mosquitoes
- Easy glue fit to 90mm or 100mm PVC pipe

Grate Options: (330 x 330 x 20mm): Plain, Sandstone and Terracotta Aluminium, Ductile Iron Class C, Light Duty Galvanised Steel Class A, Light Duty Heel Guard Galvanised Steel Class A

Risers: No risers needed. Cut vertical pipe to required depth

Display: Hang Pads and Flyers available

> Uni-Pit Vortex 450 (40L Capacity – 567 x 567 x 355mm):



- Designed for driveways, car parks and slow traffic commercial areas
- Shallow pit = easier installation
- Anti-Tamper feature
- High impact polypropylene base
- Designed to eliminate pooling water = no mosquitoes
- Easy glue fit to 150mm PVC pipe

Grate Options: (540 x 540 x 50mm): Light Duty Galvanised Steel Class A, Medium Duty Galvanised Steel Class B

Risers: No risers needed. Cut vertical pipe to required depth

Accessories Available: Galvanised Trash Screen with handle

Display: Hang Pads and Flyers available



Unipit Vortex 200 Pits / Unipit Vortex 200 Pit Grate

Uni-Pit Vortex 200 complete with Black Plastic Concave Grate

Product Code: 002240

Weight: 0.4kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 complete with Flat Plain Aluminium Grate

Product Code: 002241

Weight: 0.6kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 complete with 316 Flat Architectural Grate

Product Code: 002257

Weight: 1.7kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 complete with Flat Sandstone Aluminium Grate

Product Code: 002243

Weight: 0.6kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 complete with Flat Terracotta Aluminium Grate

Product Code: 002242

Weight: 0.6kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 complete with Atrium Green Grate

Product Code: 002329

Weight: 0.4kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 - Black Plastic Concave Grate Only

Product Code: 002252

Weight: 0.2kg

Load Rating:
Residential Light Duty



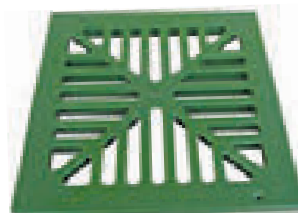
Perfect for under down pipes and taps

Uni-Pit Vortex 200 - Flush Green Plastic Flat Greenscape Grate

Product Code: 000240

Weight: 0.2kg

Load Rating:
Residential Light Duty



Perfect for gardenscape areas such as golf course and parks



Unipit Vortex 200 Pit Grate

Uni-Pit Vortex 200 - Flat Plain Aluminium Grate Only



Paved areas, driveways and pathways

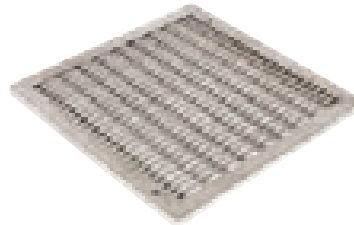
Product Code: 002244

Weight: 0.4kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 - Flat Architectural Grate Only



Perfect for high end finish and pedestrian areas

Product Code: 002259

Weight: 1.5kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 - Flat Sandstone Aluminium Grate Only



Paved areas, driveways and pathways

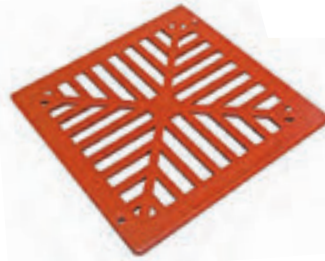
Product Code: 002249

Weight: 0.4kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 Flat Terracotta Aluminium Grate Only



Paved areas, driveways and pathways

Product Code: 002245

Weight: 0.4kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 200 - Base Only



Product Code: 002251

Weight: 0.2kg

Load Rating:
N/A





Unipit Vortex 300 Pits

Uni-Pit Vortex 300 complete with Plain Aluminium Grate

Product Code: 002019

Weight: 2.4kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 300 complete with Light Duty Galvanised Class A Grate

Product Code: 002027

Weight: 4.3kg

Load Rating:
CLASS A
330kg Light Duty

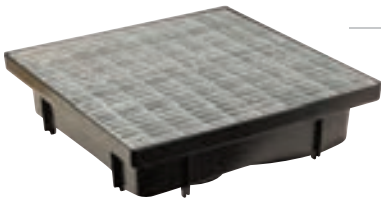


Uni-Pit Vortex 300 complete with Light Duty Galvanised Heel Guard Class A Grate

Product Code: 002029

Weight: 4.6kg

Load Rating:
CLASS A
330kg Light Duty



Uni-Pit Vortex 300 complete with Ductile Iron Grate - Civil

Product Code: 002052

Weight: 6.9kg

Load Rating:
CLASS C
5000kg Heavy Duty

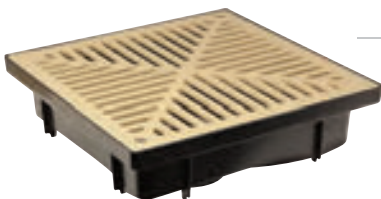


Uni-Pit Vortex 300 complete with Sandstone Aluminium Grate

Product Code: 002022

Weight: 2.4kg

Load Rating:
Residential Light Duty

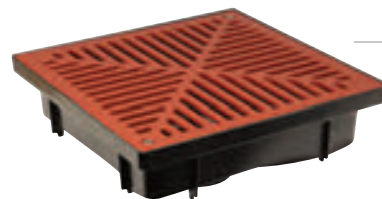


Uni-Pit Vortex 300 complete with Terracotta Aluminium Grate

Product Code: 002021

Weight: 2.4kg

Load Rating:
Residential Light Duty

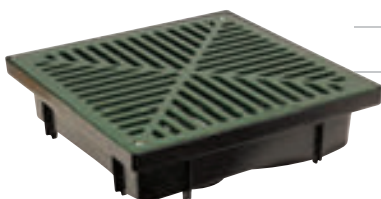


Uni-Pit Vortex 300 complete with Heritage Green Aluminium Grate

Product Code: 002020

Weight: 2.4kg

Load Rating:
Residential Light Duty



Uni-Pit Vortex 300 - Base Only

Product Code: 002018

Weight: 0.8kg

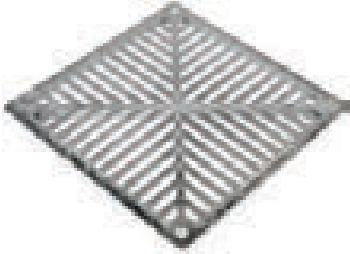
Load Rating:
Residential Light Duty





Unipit Vortex 300 Pit Grate

Uni-Pit Vortex 300 - Aluminium Grate Only



Product Code: 001034

Weight: 1.6kg

Load Rating:
Residential Light Duty



Perfect for driveways, paths and domestic applications

Uni-Pit Vortex 300 - Light Duty Galvanised Grate Only



Product Code: 002049

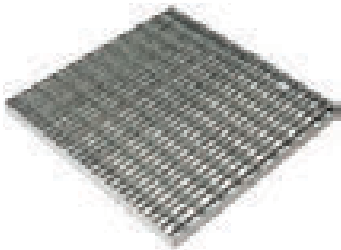
Weight: 3.5kg

Load Rating:
CLASS >A
330kg Light Duty



Perfect for light trafficable and domestic applications

Uni-Pit Vortex 300 - Light Duty Galvanised Heel Guard Class A Grate Only



Product Code: 002028

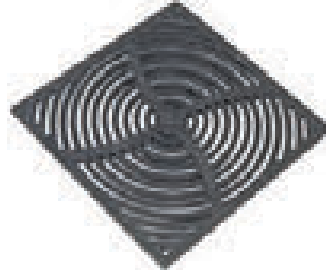
Weight: 3.8kg

Load Rating:
CLASS >A
330kg Light Duty



Perfect for pedestrian and domestic applications

Uni-Pit Vortex 300 - Ductile Iron Grate Only



Product Code: 002047

Weight: 6.1kg

Load Rating:
CLASS >C
5000kg Heavy Duty



Perfect for commercial applications with slow moving heavy vehicles

Uni-Pit Vortex 300 - Sandstone Aluminium Grate Only



Product Code: 002026

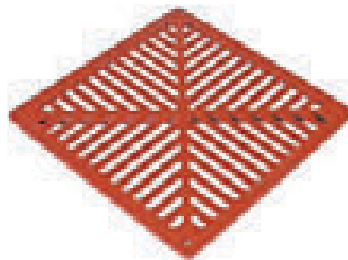
Weight: 1.6kg

Load Rating:
Residential Light Duty



Perfect for driveways, paths and domestic applications

Uni-Pit Vortex 300 - Terracotta Aluminium Grate Only



Product Code: 002048

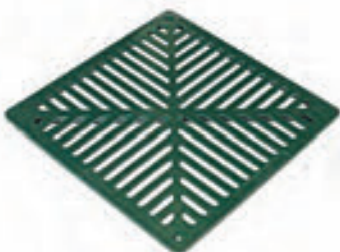
Weight: 1.6kg

Load Rating:
Residential Light Duty



Perfect for driveways, paths and domestic applications

Uni-Pit Vortex 300 - Heritage Green Aluminium Grate Only



Product Code: 002031

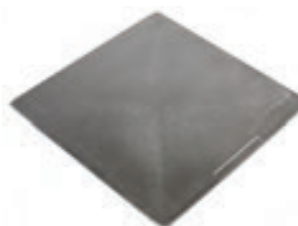
Weight: 1.6kg

Load Rating:
Residential Light Duty



Perfect for domestic and light trafficable areas

Uni-Pit Vortex - Solid Aluminium Lid Only



Product Code: 001041

Weight: 1.9kg

Load Rating:
Residential Light Duty

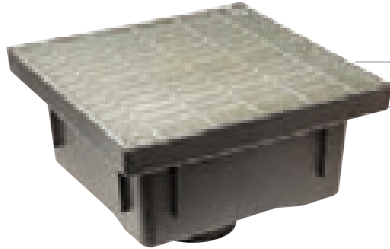


Perfect for driveways, paths and domestic applications



Unipit Vortex 450 Pits / Unipit Vortex 450 Grate

Uni-Pit Vortex 450 complete with Galvanised Steel Class A Grate



Product Code: 002262

Weight: 4.5kg

Load Rating:

CLASS > A

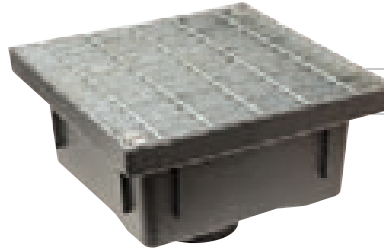
330kg Light Duty

Perfect for domestic applications and light trafficable areas



9 319022 022626

Uni-Pit Vortex 450 complete with Galvanised Steel Class B Grate



Product Code: 002263

Weight: 17.8kg

Load Rating:

CLASS > B

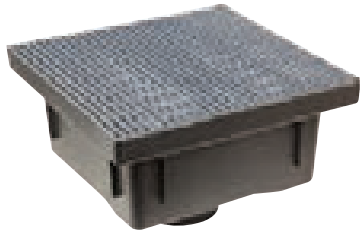
2670kg Medium Duty

Perfect for light commercial applications



9 319022 022633

Uni-Pit 450 complete with Galvanised Steel Flat Bar Heel Guard Class A Grate



Product Code: 001129

Weight: 17kg

Load Rating:

CLASS > A

330kg Light Duty

Perfect for pedestrian applications and light trafficable areas



9 319022 011293

Uni-Pit Vortex 450 - Base Only



Product Code: 002264

Weight: 4kg

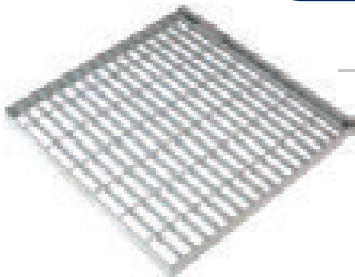
Load Rating:

N/A



9 319022 022640

Series 450 Pit Galvanised Steel Class A Grate Only



Product Code: 001112

Weight: 10.2kg

Load Rating:

CLASS > A

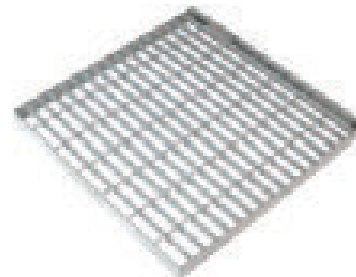
330kg Light Duty

Perfect for light commercial applications



9 319022 011125

Series 450 Pit Galvanised Steel Class B Grate Only



Product Code: 001113

Weight: 13.8kg

Load Rating:

CLASS > B

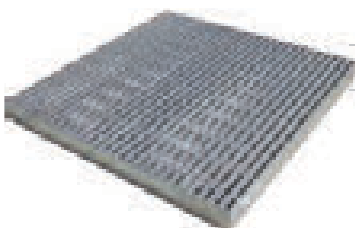
2670kg Medium Duty

Perfect for commercial applications



9 319022 011132

Series 450 Pit Anti-Slip Heel Guard Galvanised Steel Class A Grate Only



Product Code: 001144

Weight: 13kg

Load Rating:

CLASS > A

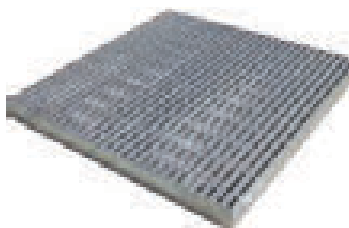
330kg Light Duty

Perfect for light commercial and pedestrian applications



9 319022 011446

Series 450 Pit Anti-Slip Heel Guard Galv Steel Class B Grate Only



Product Code: 001145

Weight: 5.5kg

Load Rating:

CLASS > B

2670kg Medium Duty

Perfect for commercial applications



9 319022 011453



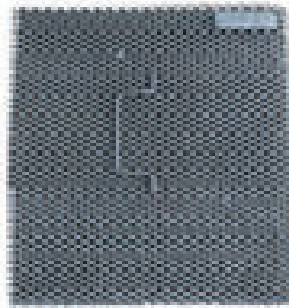
Unipit Vortex 450 Pits

POS Material for Uni-Pit - Hang Pad

Product Code: 002016



Uni-Pit Vortex 450 Galvanised Steel Trash Screen



Product Code: 001101

Weight: 2.1kg

Load Rating: N/A



Series 450/Series 600 Pit Grate Security Kit



Product Code: 002270

Weight: 0.12kg



RELN

A series of horizontal dotted lines for taking notes.



RELN
WATER



RELN Bullet Pit

- Ideal for lawn, garden and landscaped areas where water is collecting in low lying areas
- Simple snap in 100mm Stretch Drain pipe or 90mm PVC stormwater pipe
- The round black plastic grate and green square plastic grate are both flat and can be used near foundation, in gardens, or in the lawn
- Comes as single or double outlet

Single Outlet



Double Outlet



Components:





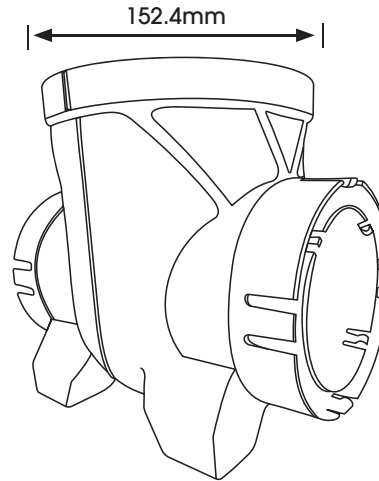
Bullet Pit

RELN Bullet Pits are designed with rounded interior surfaces to move water faster and make cleaning easier. Innovative lock down feet prevent movement during installation.

> Bullet Pit - Single Outlet



> Bullet Pit - Double Outlet



- Ideal for lawn, garden and landscaped areas where water is collecting in low lying areas
- Simple snap in 100mm Stretch Drain pipe or 100mm PVC stormwater pipe
- Comes as a single or double outlet
- The round black plastic grate and green square plastic grate are both flat and can be used near foundation, in gardens, or in the lawn

Grate Options: (203.2mm diameter) Round black plastic or (228.6 x 228.6mm) square green plastic.

Bullet Pit Only / Bullet Pit Grates Only

Bullet Pit - Single Outlet



Product Code: 002322

Weight: N/A

Load Rating:
Residential
Light Duty



9 319022 255017

Bullet Pit - Double Outlet



Product Code: 002323

Weight: N/A

Load Rating:
Residential
Light Duty



9 319022 255024

Rounded Flat Black Plastic Grate



Product Code: 000216

Weight: N/A

Load Rating:
Residential
Light Duty



9 319022 255031

Perfect for foundation, in beds, or in the lawn

Square Flat Green Plastic Grate



Product Code: 000215

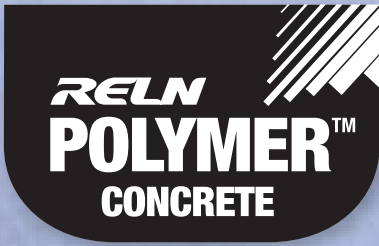
Weight: N/A

Load Rating:
Residential
Light Duty



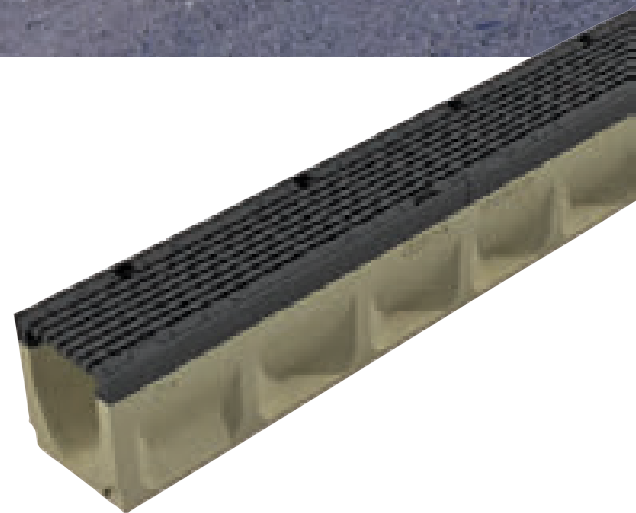
9 319022 255048

Perfect for foundation, in beds, or in the lawn

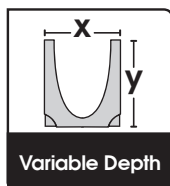


Civil Commercial Channels

- Protection from a large range of alkalis & acidic fluids
- Lighter than traditional concrete
- Easy to clean, smooth surface
- Low water absorption
- Class A, B, C, D and E grates available & comply to Australian Standards
- Industry leading design and engineering



Components:



Polymer Concrete channel perfect for civil applications

Galvanised, Stainless & Cast Iron Grates in Class A,B,C,D & E

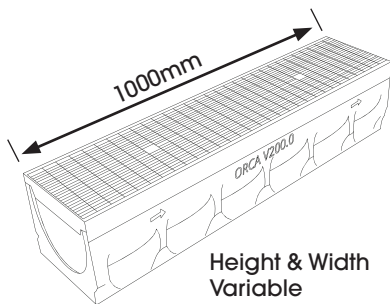
Slotted, Wedge Wire, Top Slot, Griptech, Mesh Grates & more!



Polymer Concrete Channels

RELN Polymer concrete pits and channels are the solution to any commercial sized drainage problem. Polymer concrete is lighter than concrete and is four times stronger by weight than traditional concrete pits and channels. It also has a low porosity surface, providing a smooth, low water absorption surface for less hydraulic friction. The blend of resins provide protection from a large range of alkalis and acidic fluids.

> Galvanised Steel Edge 1m Polymer Concrete Channel



Height & Width Variable

- Ideal for low or slow moving traffic
- Perfect for commercial driveways and streetscapes
- Corrosion resistant polymer concrete
- Non flammable, and resistant to
- Diluted acids and alkalis

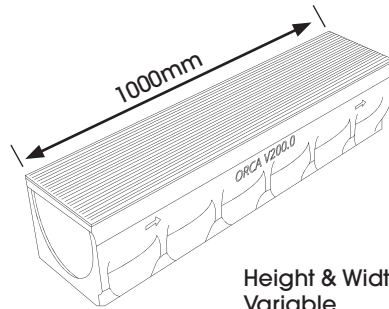
Size Options:

100 c/o x 120mm, 100 c/o x 170mm, 100 c/o x 220mm, 100 c/o x 270mm, 100 c/o x 320mm, 200 c/o x 225mm, 300 c/o x 325mm

Grate Options: Gal Steel Mesh, Gal Steel Perforated, Gal Steel Slotted, Gal Steel Topslot, Ductile Iron Gal Heel Guard, Ductile Iron Heel Guard

Accessories: End Cap and Locking Bolts

> Stainless Steel Edge 1m Polymer Concrete Channel



Height & Width Variable

- Ideal for architectural or corrosive environments
- Corrosion resistant polymer concrete
- Non flammable, and resistant to
- Diluted acids and alkalis

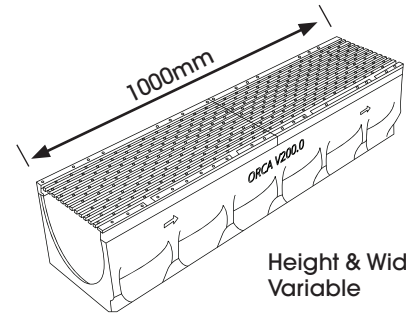
Size Options:

100 c/o x 120mm, 100 c/o x 170mm, 100 c/o x 220mm, 100 c/o x 270mm, 100 c/o x 320mm, 200 c/o x 225mm, 300 c/o x 325mm

Grate Options: 304 Stainless Steel Anti Slip 6x6, 304 Stainless Steel Dotted 5x5, 316 Stainless Steel Anti Slip 6x6, 316 Stainless Steel Smooth 5x5

Accessories: End Cap and Locking Bolts

> Cast Iron Edge 1m Polymer Concrete Channel



Height & Width Variable

- Ideal for heavy industrial or high density traffic areas
- Corrosion resistant polymer concrete
- Non flammable, and resistant to diluted acids and alkalis

Size Options:

100 c/o x 120mm, 100 c/o x 220mm, 200 c/o x 225mm, 300 c/o x 325mm

Grate Options: Ductile Iron Heel Guard and Ductile Iron Slotted

Accessories: End Cap and Locking Bolts

> Frequently Asked Questions

Q1. What is the difference between RELN Surfacewater Channels and RELN Polymer Concrete Channels?

A. RELN Polymer Concrete channels are stronger, have higher grate and channel wheel loadings and are used for heavy/extra heavy duty commercial applications.

Q2. What is the difference between Galvanised Edged, Stainless Steel Edged and Ductile Iron Edged channels?

A. Galvanised Edged channels are ideal for low or slow traffic commercial driveways and streetscapes. Stainless Steel Edged channels are ideal for Architectural or corrosive environments. Ductile Iron Edged channels are ideal for heavy industrial or high density traffic areas.

Q3. Can I swap grate options from different metal types? E.g. Gal edge with Stainless Steel grate

A. No

Q4. Can I cut channels to length?

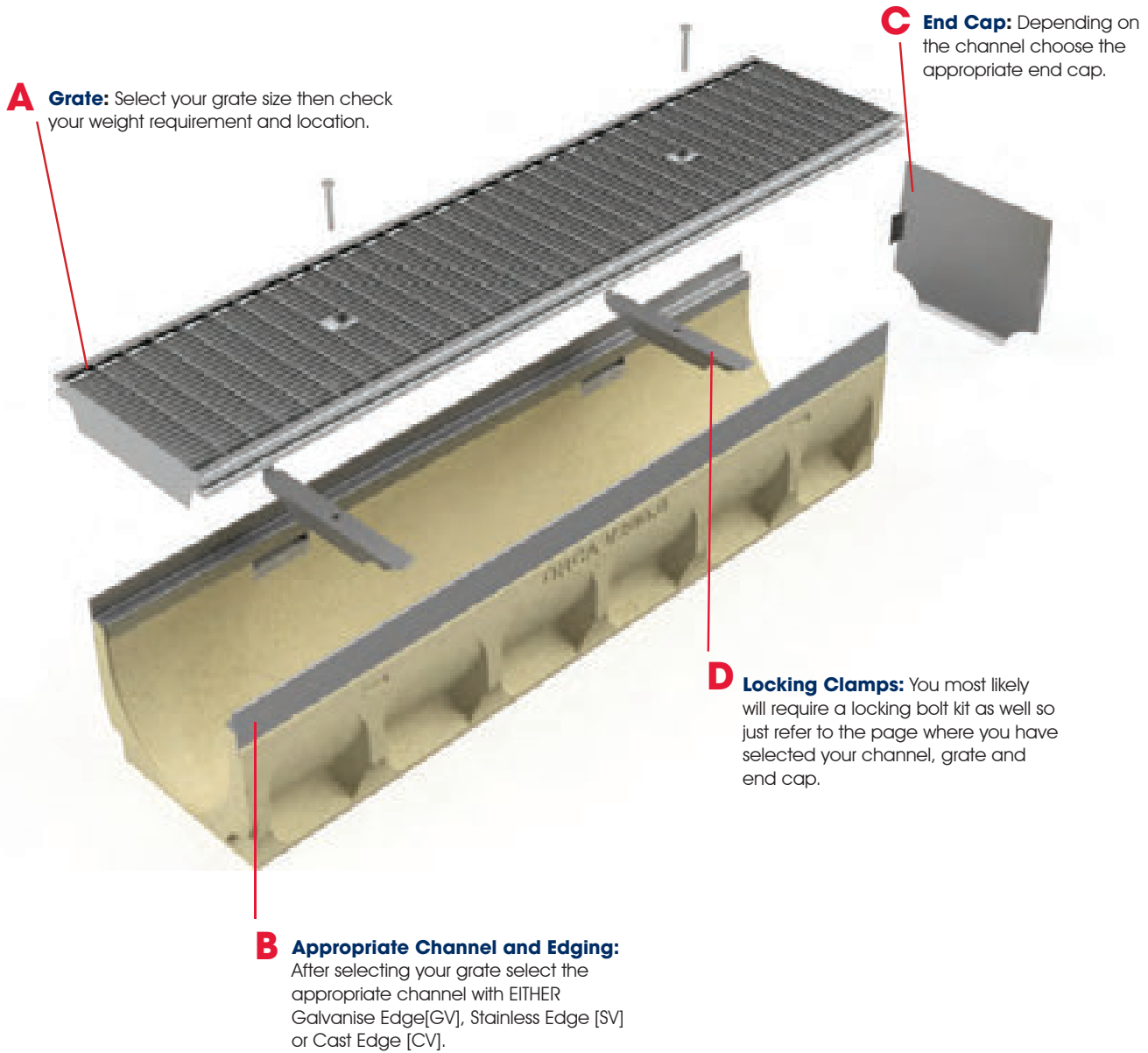
A. Yes, RELN channels come in 1m lengths, and can be cut down on site. Use an angle grinder with a diamond blade for channel. Switch to a steel cutting blade to cut through channel edges and grates.

Q5. How do I join my channels together?

A. RELN Polymer Concrete channels are designed to butt join together with a male and a female end. There is a small sealant groove between channels which can be filled with silicone after installation.



When considering a purchase of this commercial product please ensure you have selected the following 4 components for this system.



Component Legend

- A** Grate
- B** Appropriate Channel and Edging
- C** End Cap
- D** Locking Clamps

Indicates component type.





GV100 100mm Galvanised Steel Edge 1m Channel Only/
GV100 100mm Galvanised Steel Grates Only

100mm Polymer Concrete RELN Channel & Galvanised Crate



Product Code: 200002

Weight: 6.5kg

Load Rating:
Residential
Light Duty



9 319022 000020

Perfect for domestic applications

100mm Polymer Concrete RELN Channel - End Cap

C



Product Code: 200003

Weight: 0.05kg



9 319022 000037

GV100 RELN PC Channel Galvanised Edge 100co x 120mm

B



Product Code: PC600100

Weight: 13kg

Load Rating:
CLASS >D

8000kg Heavy Duty



9 319022 254317

GV110 RELN PC Channel Galvanised Edge 100co x 170mm

B



Product Code: PC600125

Weight: 17kg

Load Rating:
CLASS >D

8000kg Heavy Duty



9 319022 254324

GV120 RELN PC Channel Galvanised Edge 100co x 220mm

B



Product Code: PC600147

Weight: 19kg

Load Rating:
CLASS >D

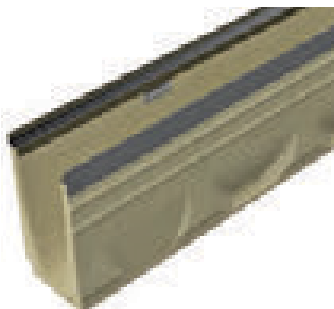
8000kg Heavy Duty



9 319022 254331

GV130 RELN PC Channel Galvanised Edge 100co x 270mm

B



Product Code: PC600167

Weight: 21kg

Load Rating:
CLASS >D

8000kg Heavy Duty



9 319022 254348

GV140 RELN PC Channel Galvanised Edge 100co x 320mm

B



Product Code: PC600189

Weight: 24kg

Load Rating:
CLASS >D

8000kg Heavy Duty



9 319022 254355

GV100 Galvanised Mesh 1m Grate Only

A



Product Code: PCG108

Weight: 7kg

Load Rating:
CLASS >D

8000kg Heavy Duty



9 319022 254683

Perfect for low or slow traffic commercial driveways and streets



GV100 100mm Galvanised Steel Grates Only /
 GV100 Galvanised Steel Polymer Concrete Accessories /
 GV200 Galvanised Steel Polymer Concrete 1m Channel/

A

GV100 Galvanised Slotted 1m Grate Only



Product Code: PCG109

Weight: 2kg

Load Rating:

CLASS >A

330kg Light Duty

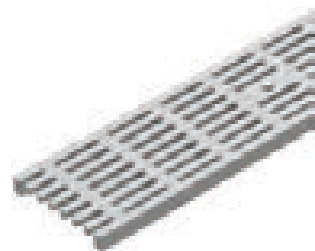


Perfect for pedestrian use only

9 319022 254690

A

GV100 Ductile Iron Galvanised Heel Guard 500mm Grate Only



Product Code: PCG102

Weight: 5kg

Load Rating:

CLASS >D

8000kg Heavy Duty

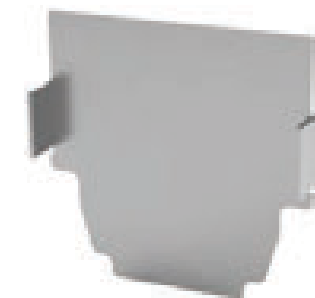


Perfect for low or slow traffic commercial driveways and streets

9 319022 254676

C

GV100 End Cap



Product Code: PC600192

Weight: 0.1kg

Load Rating:

N/A



9 319022 254362

D

GV100 End Cap Multi-Depth



Product Code: PC600493

Weight: 0.1kg

Load Rating:

N/A



9 319022 254379

A

GV100 Galvanised Topslot 1m Only



Product Code: PCG140

Weight: 5kg

Load Rating:

CLASS >D

8000kg Heavy Duty



Perfect for discrete drainage in public areas

9 319022 254775

A

GV100 Ductile Iron Heel Guard 500mm Grate Only



Product Code: PCG101

Weight: 5kg

Load Rating:

CLASS >D

8000kg Heavy Duty

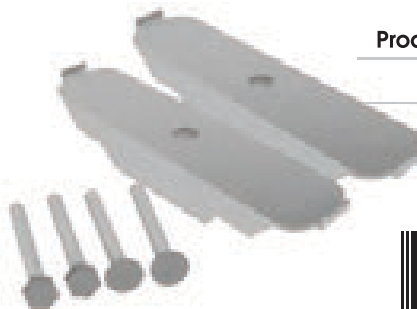


Perfect for low or slow traffic commercial driveways and streets

9 319022 254669

D

GV100 Locking Bolts Pack per metre



Product Code: PC600195

Weight: 0.1kg

Load Rating:

N/A



9 319022 000020

B

GV200 RELN PC Channel Galvanised Edge 200co x 225mm



Product Code: PC600200

Weight: 33kg

Load Rating:

CLASS >D

8000kg Heavy Duty



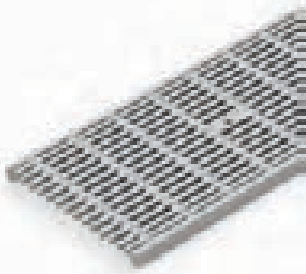
9 319022 254393



GV200 Galvanised Steel Grates Only / GV200 Galvanised Steel Polymer Concrete Accessories / GV300 Galvanised Steel Polymer Concrete 1m Channel / GV300 Galvanised Steel Grates Only

A

GV200 Ductile Iron Galvanised Heel Guard 500mm Grate Only



Product Code: PCG202

Weight: 8kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254799

Perfect for low or slow traffic commercial driveways and streets

A

GV200 Ductile Iron Heel Guard 500mm Grate Only



Product Code: PCG201

Weight: 8kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254782

Perfect for low or slow traffic commercial driveways and streets

A

GV200 Galvanised Mesh 1m Grate Only



Product Code: PCG208

Weight: 15kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254805

Perfect for low or slow traffic commercial driveways and streets

C

GV200 End Cap



Product Code: PC600292

Weight: 0.1kg

Load Rating:

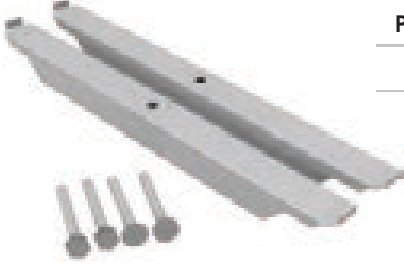
N/A



9 319022 254409

D

GV200 Locking Bolts Pack per metre



Product Code: PC600295

Weight: 0.1kg

Load Rating:

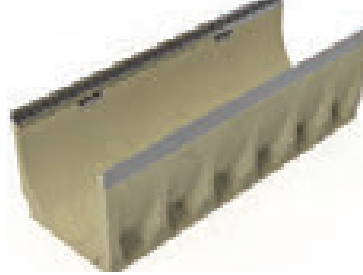
N/A



9 319022 254416

B

GV300 RELN PC Channel Galvanised Edge 300co x 325mm



Product Code: PC600300

Weight: 47kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254423

A

GV300 Ductile Iron Heel Guard 500mm Grate Only



Product Code: PCG301

Weight: 12kg

Load Rating:

CLASS >D

8000kg Heavy Duty

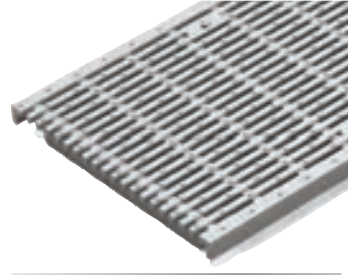


9 319022 254898

Perfect for low or slow traffic commercial driveways and streets

A

GV300 Ductile Iron Galvanised Heel Guard 500mm Grate Only



Product Code: PCG302

Weight: 12kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254904

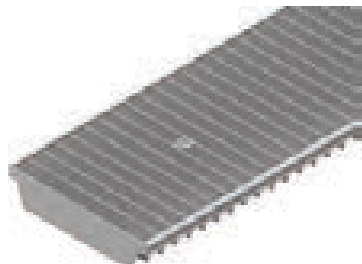
Perfect for low or slow traffic commercial driveways and streets



GV300 Galvanised Steel Grates Only/
GV300 Galvanised Steel Polymer Concrete Accessories/
SV100 Stainless Steel Polymer Concrete 1m Channel

A

**GV300 Galvanised Mesh
1m Grate Only**



Product Code: PCG308

Weight: 14kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254911

Perfect for low or slow
traffic commercial
driveways and streets

C

GV300 End Cap



Product Code: PC600392

Weight: 0.1kg

Load Rating:

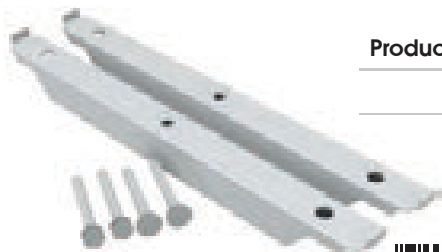
N/A



9 319022 254430

D

**GV300 Locking Bolts Pack
per metre**



Product Code: PC600395

Weight: 0.1kg

Load Rating:

N/A



9 319022 254447

B

**SV100 RELN PC Channel
Stainless Steel Edge
100co x 120mm**



Product Code: PC600400

Weight: 13kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254454

B

**SV110 RELN PC Channel
Stainless Steel Edge
100co x 170mm**



Product Code: PC600425

Weight: 13kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254461

B

**SV120 RELN PC Channel
Stainless Steel Edge
100co x 220mm**



Product Code: PC600447

Weight: 19kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254478

B

**SV130 RELN PC Channel
Stainless Steel Edge
100co x 270mm**



Product Code: PC600467

Weight: 21kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254485

B

**SV140 RELN PC Channel
Stainless Steel Edge
100co x 320mm**



Product Code: PC600489

Weight: 24kg

Load Rating:

CLASS >D

8000kg Heavy Duty



9 319022 254492



SV100 Stainless Steel Grates Only /
 SV100 Stainless Steel Polymer Concrete Channel Accessories /
 SV200 Stainless Steel Polymer Concrete 1m Channel / SV200 Stainless Steel Grates Only

A

SV100 304 Stainless Steel Griptech 6x6 1m Grate Only



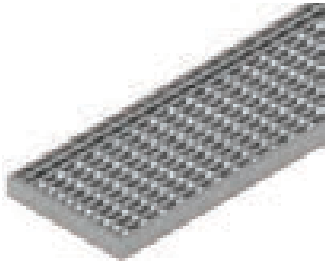
Perfect for heavy commercial areas requiring advanced slip-resistant grating

Product Code: PCG120
 Weight: 8kg
 Load Rating:
CLASS >D
 8000kg Heavy Duty



A

SV100 316 Stainless Steel Smooth 5x5 1m Grate Only

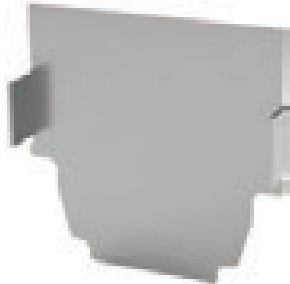


Product Code: PCG113
 Weight: 6kg
 Load Rating:
CLASS >B
 2670kg Medium Duty



C

SV100 End Cap



Product Code: PC600492
 Weight: 0.1kg
 Load Rating:
 N/A



C

SV100 End Cap Multi-Depth



Product Code: PC600493
 Weight: 0.1kg
 Load Rating:
 N/A



D

SV100 Locking Bolts Pack per metre



Product Code: PC600495
 Weight: 0.1kg
 Load Rating:
 N/A



B

SV200 RELN PC Channel Stainless Steel Edge 200co x 225mm



Product Code: PC600500
 Weight: 33kg
 Load Rating:
CLASS >D
 8000kg Heavy Duty



A

SV200 304 Stainless Steel Griptech 6x6 1m Grate Only



Perfect for heavy commercial areas requiring advanced slip-resistant grating

Product Code: PCG220
 Weight: 14kg
 Load Rating:
CLASS >D
 8000kg Heavy Duty



A

SV200 316 Stainless Steel Smooth 5x5 1m Grate Only



Perfect for barefoot domestic areas eg. pool surrounds

Product Code: PCG213
 Weight: 10kg
 Load Rating:
CLASS >B
 2670kg Medium Duty





SV200 Stainless Steel Polymer Concrete Channel Accessories /
SV300 Stainless Steel Polymer Concrete 1m Channel /
SV300 Stainless Steel Grates Only / CV100 Cast Iron Polymer Concrete 1m Channel

C

SV200 End Cap



Product Code: PC600592

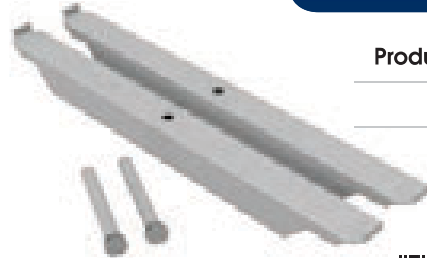
Weight: 0.1kg

Load Rating:
N/A



D

SV200 Locking Bolts Pack per metre



Product Code: PC600595

Weight: 0.1kg

Load Rating:
N/A



B

SV300 RELN PC Stainless Steel Edge 300co x 325mm



Product Code: PC600600

Weight: 47kg

Load Rating:
CLASS >D
8000kg Heavy Duty



A

SV300 304 Stainless Steel Griptech 6x6 1m Grate Only



SPECIAL ORDER

Product Code: PCG320

Weight: 22kg

Load Rating:
CLASS >D
8000kg Heavy Duty



Perfect for heavy commercial areas requiring advanced slip-resistant grating

A

SV300 316 Stainless Steel Smooth 5x5 1m Grate Only



SPECIAL ORDER

Product Code: PCG313

Weight: 15kg

Load Rating:
CLASS >B
2670kg Medium Duty



Perfect for barefoot domestic areas eg. pool surrounds

C

SV300 End Cap



Product Code: PC600692

Weight: 0.1kg

Load Rating:
N/A



D

SV300 Locking Bolts Pack per metre



Product Code: PC600695

Weight: 0.1kg

Load Rating:
N/A



B

CV110 RELN PC Channel Cast Iron Edge 100co x 170mm



Product Code: PC600725

Weight: 21kg

Load Rating:
CLASS >G
30000kg Very Heavy Duty





CV100 Cast Iron Polymer Concrete 1m Channel / CV100 Cast Iron Grates Only /
CV100 Cast Iron Polymer Concrete Accessories /
CV200 Cast Iron Polymer Concrete 1m Channel / CV200 Cast Iron Grates Only

B

**CV120 RELN PC Channel
Cast Iron Edge
100co x 220mm**



Product Code: PC600747

Weight: 23kg

Load Rating:

CLASS > G

30000kg Very Heavy Duty



9 319022 254607

A

**CV100 Ductile Iron Heel
Guard 500mm Grate Only**



Product Code: PCG125

Weight: 6kg

Load Rating:

CLASS > G

30000kg Very Heavy Duty



9 319022 254768

C

**CV100 End Cap
Multi-Depth**



Product Code: PC600793

Weight: 0.1kg

Load Rating:

N/A



9 319022 254621

D

**CV100 Locking Bolts Pack
per metre**



Product Code: PC600995

Weight: 0.1kg

Load Rating:

N/A



9 319022 254652

B

**CV200 RELN PC Channel
Cast Iron Edge
200co x 225mm**



Product Code: PC600800

Weight: 33kg

Load Rating:

CLASS > G

30000kg Very Heavy Duty



9 319022 254638

A

**CV200 Ductile Iron Heel
Guard 500mm Grate Only**



Product Code: PCG225

Weight: 9kg

Load Rating:

CLASS > E

13700kg Very Heavy Duty



9 319022 254874

Perfect for heavy industrial or high density traffic areas, e.g. roads and service stations

C

CV200 End Cap



Product Code: PC600292

Weight: 8kg

Load Rating:

N/A



9 319022 254409

D

**CV200 Locking Bolts Pack
per metre**



Product Code: PC600995

Weight: 0.1kg

Load Rating:

N/A



9 319022 254652



CV200 Cast Iron Polymer Concrete Accessories / CV200 Cast Iron Polymer Concrete 1m Channel / CV300 Cast Iron Grate Only/ CV300 Cast Iron Polymer Concrete Accessories / CV300 Cast Iron Polymer Concrete Accessories

B

CV300 RELN PC Channel Cast Iron Edge 300co x 325mm



Product Code: PC600900

Weight: 47kg

Load Rating:

CLASS >G

30000kg Heavy Duty



9 319022 254645

A

CV300 Ductile Iron Heel Guard 500mm Grate Only



Product Code: PCG325

Weight: 14kg

Load Rating:

CLASS >E

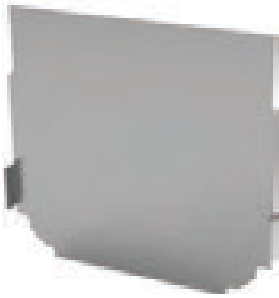
13700kg Very Heavy Duty



9 319022 254980

C

CV300 End Cap



Product Code: PC600392

Weight: 0.1kg

Load Rating:

N/A



9 319022 254430

D

CV300 Locking Bolts Pack per meter



Product Code: PC600995

Weight: 0.1kg

Load Rating:

N/A



9 319022 254652

Class Loading	Typical Use	Nominal Wheel Loading kg	Serviceability Design Load kN	Ultimate Limit State Design Load kN
<i>RESIDENTIAL</i>	Non-rated usage. Designed for residential applications such as pathways and driveways.	N/A	N/A	N/A
CLASS >A	Areas (including paths) accessible only to pedestrians and pedal cyclists and closed to other traffic.	330	6.7	10
CLASS >B	Areas (including paths and light tractor paths) accessible to vehicles (excl. commercial vehicles) or livestock.	2670	53	80
CLASS >C	Malls and areas open to slow moving commercial vehicles.	5000	100	150
CLASS >D	Carriageways of roads and areas open to commercial vehicles.	8000	140	210
CLASS >E	General docks and aircraft pavements.	13 700	267	400
CLASS >F	Docks and aircraft pavements subject to high wheel loads.	20 000	400	600
CLASS >G	Docks and aircraft pavements subject to very high wheel loads.	30 000	600	900

RELN

Lined area for notes with horizontal dotted lines.

RELN
POLYMER™
CONCRETE

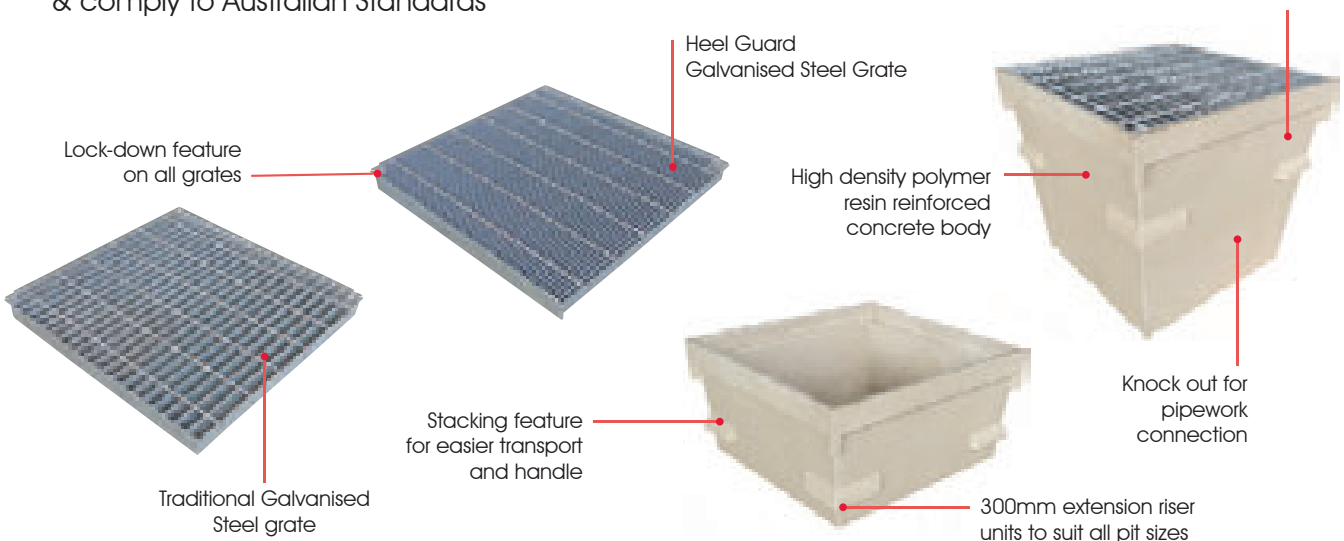


Civil Commercial Pits

- Protection from a large range of alkalis & acidic fluids
- Lighter than traditional concrete
- Easy to clean, smooth surface
- Low water absorption
- Class A,B and C grades available & comply to Australian Standards

3 different pit series sizes to suit all options:

Series 300 (33)
Series 450 (45)
Series 600 (66)

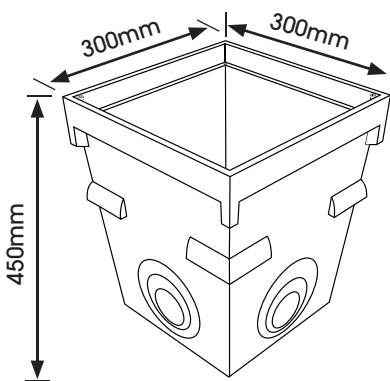




Polymer Concrete

RELN Polymer concrete pits and channels are the solution to any commercial sized drainage problem. Polymer concrete is lighter than concrete and is four times stronger by weight than traditional concrete pits and channels. It also has a low porosity surface, providing a smooth, low water absorption surface for less hydraulic friction. The blend of resins provide protection from a large range of alkalis and acidic fluids.

> Series 33 Pit - (Clear Opening 300mm x 300mm x 450mm)



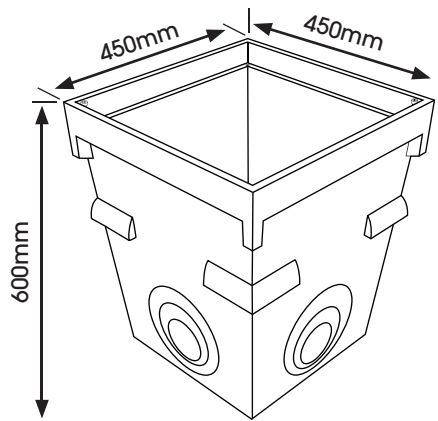
- Ideal for pathways, driveways, paved areas and courtyards
- Heel Guard Galvanised Steel and Traditional Galvanised Steel with lock down feature
- Stacking feature for easier transport and handle
- Knock out for pipework connection

Grates Options: Light/Medium Duty Heel Guard Galvanised Steel Class A, Medium Duty Heel Guard Galvanised Steel Class C, Light Duty Traditional Galvanised Steel Class A, Medium Duty Traditional Galvanised Steel Class B, Medium Duty Traditional Galvanised Steel Class C

Risers: Height 300mm

Display: Brochure Available

> Series 45 Pit - (Clear Opening 450mm x 450mm x 600mm)

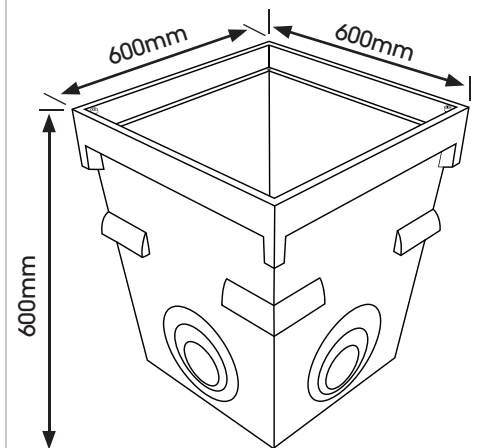


- Ideal for pathways, driveways, paved areas, courtyards and commercial property
- Heel Guard Galvanised Steel and Traditional Galvanised Steel with lock down feature
- Stacking feature for easier transport and handle
- Knock out for pipework connection

Grates Options: Light/Medium Duty Heel Guard Galvanised Steel Class A, Medium Duty Heel Guard Galvanised Steel Class C, Light Duty Traditional Galvanised Steel Class A, Medium Duty Traditional Galvanised Steel Class B, Medium Duty Traditional Galvanised Steel Class C

Risers: Height 300mm

> Series 66 Pit - (Clear Opening 600mm x 600mm x 600mm)



- Ideal for pathways, driveways, paved areas, courtyards and commercial property
- Heel Guard Galvanised Steel and Traditional Galvanised Steel with lock down feature
- Stacking feature for easier transport and handle
- Knock out for pipework connection

Grates Options: Light/Medium Duty Heel Guard Galvanised Steel Class A, Medium Duty Heel Guard Galvanised Steel Class C, Light Duty Traditional Galvanised Steel Class A, Medium Duty Traditional Galvanised Steel Class B, Medium Duty Traditional Galvanised Steel Class C

Risers: Height 300mm

> Frequently Asked Questions

Q1. How heavy are the bases?

A.
Series 33: 24kg
Series 45: 43kg
Series 66: 60.5kg

Q2. What's the difference between Polymer Concrete and Traditional Concrete?

A. Polymer concrete is 4 times stronger by weight, has a low-porosity smooth surface, low water absorption for less hydraulic friction and the blend of resins provides protection from a large range of alkalis and acidic fluids.

Q3. Can other RELN grates be used in the Polymer Concrete pits and vice-versa?

A. No, the Polymer Pit range come with their own grates and cannot be used on other RELN Pits.

Q4. Do you have any Heavy Duty Commercial Grates?

A. Class C is our highest Heavy Duty grate, which is suited for commercial areas with slow heavy moving traffic. See our Class Load Ratings table for more information.

Q5. How do you cut a hole in the Polymer Concrete Pits?

A. The Polymer Concrete Pit can be cut with a Hole Saw.



Series 33 Polymer Concrete pit Base Only-300 x 450mm /
 Series 33 Polymer Concrete Pit Grates Only /
 Series 45 Polymer Concrete Pit Base Only - 450 x 600mm /

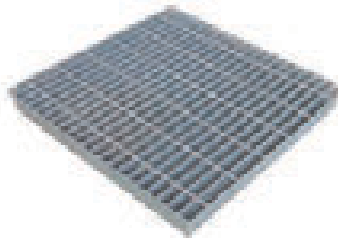
Series 33 Polymer Concrete Pit Base Only



Product Code: 200008
Weight: 24kg
Load Rating: N/A



Series 33 Polymer Concrete Pit Galvanised Gate Class C Only

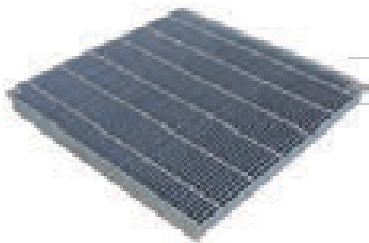


Product Code: 200029
Weight: 4.5kg
Load Rating: CLASS C
 330kg Light Duty



Perfect for domestic applications

Series 33 Polymer Concrete Pit Heel Guard Galvanised Gate Class C Only

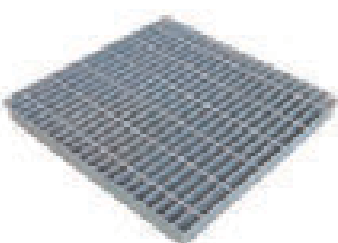


Product Code: 200019
Weight: 7.5kg
Load Rating: CLASS C
 2670kg Medium Duty



Perfect for light commercial and pedestrian applications

Series 33 Polymer Concrete Pit Galvanised Gate Class C Only



Product Code: 200039
Weight: 7.5kg
Load Rating: CLASS C
 5000kg Heavy Duty



Perfect for commercial applications

Series 33 Polymer Concrete Pit Riser Only - 300 x 300mm



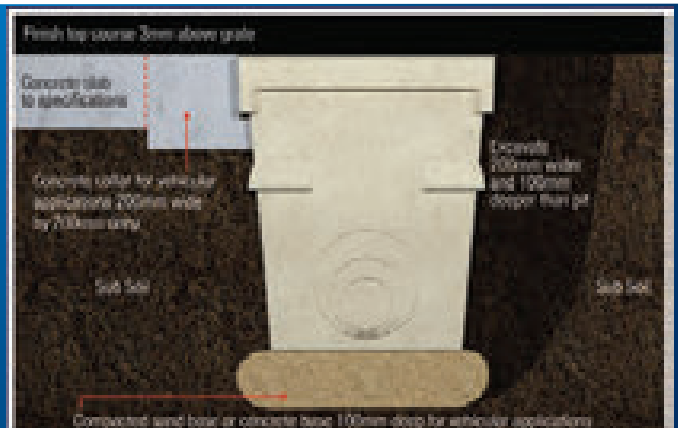
Product Code: 200014
Weight: 14kg
 Riser Height: 220mm



Did you know that Polymer Concrete is 3 times stronger than traditional concrete?

Installation Instructions Pits

- Excavate a hole 100mm deeper and 200mm wider and longer than overall pit size
- Cut an outlet hole of the correct pipe diameter into the side wall of the pit
- Position the pit on a sand bed or a concrete base for applications with vehicle traffic
- Connect and seal drainage pipework at to the pit
- Backfill and compact around the pit
- Pour a concrete collar around the top of the pit for vehicular applications 200mm wide x 200mm deep





Series 45 Polymer Concrete Pit Base Only - 450 x 600mm /
 Series 45 Polymer Concrete Pit Grates Only /
 Series 66 Polymer Concrete Base Only - 600mm x 600mm / Grate only

Series 45 Polymer Concrete Pit Base Only



Product Code: 200009

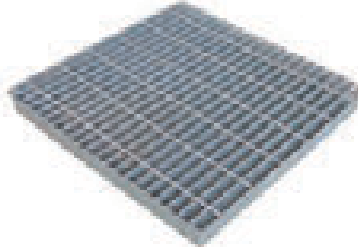
Weight: 43kg

Load Rating:
N/A



9 319022 000099

Series 45 Polymer Concrete Pit Galvanised Grate Class B Only



Product Code: 200035

Weight: 15.6kg

Load Rating:

CLASS > B

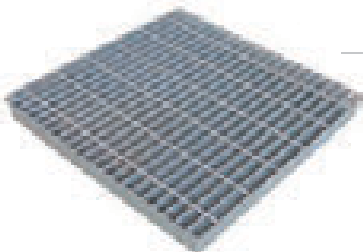
2670kg Medium Duty



9 319022 000358

Perfect for light commercial applications

Series 45 Polymer Concrete Pit Galvanised Grate Class C Only



Product Code: 200040

Weight: 20kg

Load Rating:

CLASS > C

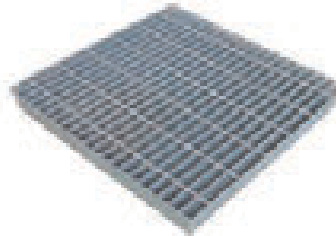
5000kg Heavy Duty



9 319022 000402

Perfect for commercial applications

Series 45 Polymer Concrete Pit Galvanised Grate Class A Only



Product Code: 200030

Weight: 9.5kg

Load Rating:

CLASS > A

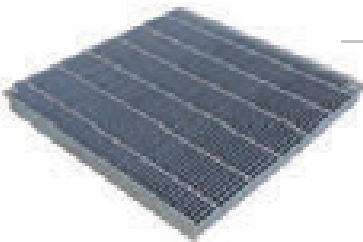
330kg Light Duty



9 319022 000303

Perfect for domestic applications

Series 45 Polymer Concrete Pit Heel Guard Galvanised Grate Class B Only



Product Code: 200020

Weight: 13.6kg

Load Rating:

CLASS > B

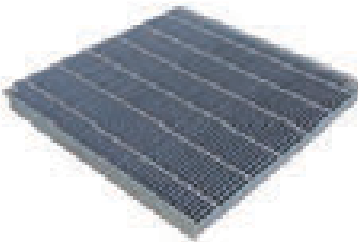
2670kg Medium Duty



9 319022 000204

Perfect for light commercial and pedestrian applications

Series 45 Polymer Concrete Pit Heel Guard Galvanised Grate Class C Only



Product Code: 200025

Weight: 17.5kg

Load Rating:

CLASS > C

5000kg Heavy Duty



9 319022 000259

Perfect for commercial and pedestrian applications

Series 45 Polymer Concrete Pit Riser Only - 450 x 300mm



Product Code: 200015

Weight: 20kg

Riser Height: 220mm



9 319022 000150

Polymer Concrete Heavy Duty Surfacewater Solutions

- Rigid Polymer Concrete
- Lighter than traditional concrete pits.
- 3x stronger than traditional concrete
- Galvanised Steel Grates Class A, B, C & Heelguard
- Low water absorption
- Smooth, easy to clean surface
- Good hydraulic flow



Series 66 Polymer Concrete Pit Risers Only

Series 66 Polymer Concrete Pit Base Only



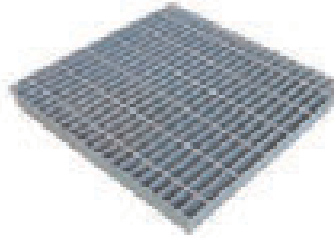
Product Code: 200010

Weight: 61kg

Load Rating:
N/A



Series 66 Polymer Concrete Pit Galvanised Gate Class B Only



Product Code: 200036

Weight: 26kg

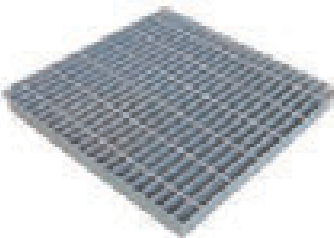
Load Rating:
CLASS > B

2670kg Medium Duty



Perfect for light commercial applications

Series 66 Polymer Concrete Pit Galvanised Gate Class C Only



Product Code: 200041

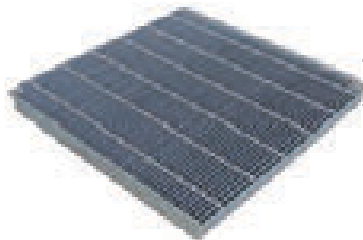
Weight: 34.9kg

Load Rating:
CLASS > C
5000kg Heavy Duty



Perfect for commercial applications

Series 66 Polymer Concrete Pit Heel Guard Galvanised Gate Class C Only



Product Code: 200026

Weight: 43kg

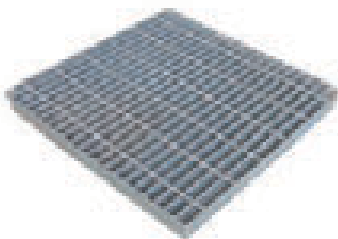
Load Rating:
CLASS > C

5000kg Heavy Duty



Perfect for commercial and pedestrian applications

Series 66 Polymer Concrete Pit Galvanised Gate Class A Only



Product Code: 200031

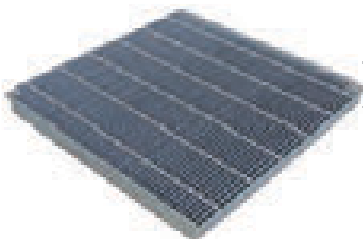
Weight: 17.8kg

Load Rating:
CLASS > A
330kg Light Duty



Perfect for domestic applications

Series 66 Polymer Concrete Pit Heel Guard Galvanised Gate Class A/B Only



Product Code: 200021

Weight: 40.4kg

Load Rating:
CLASS > B

2670kg Medium Duty



Perfect for light commercial and pedestrian applications

Series 66 Polymer Concrete Pit Riser Only - 600 x 300mm



Product Code: 200016

Weight: 28kg

Riser Height: 220mm





Installation Detail

Legend

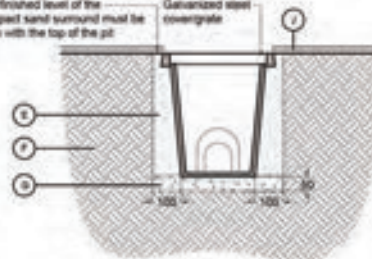
- A Asphalt
- B Base course
- C Road base
- D Bedding layer
- E Compact sand
- F Earth
- G Concrete (min 25 mpa)
- H Pavers
- I Motor
- J Grass
- K Concrete haunch



Class A
Extra Light

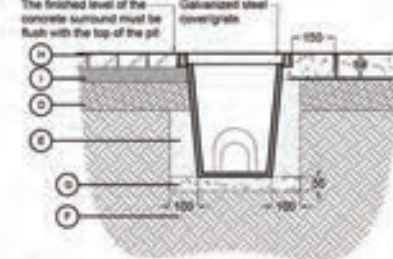
Grass

The finished level of the compact sand surround must be flush with the top of the pit



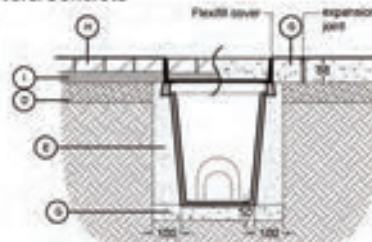
Brick/Concrete

The finished level of the concrete surround must be flush with the top of the pit

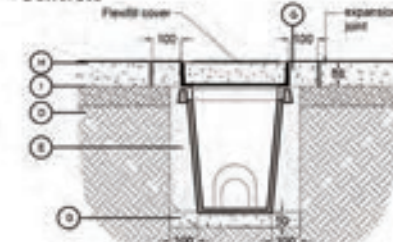


Class A
Extra Light

Pavers/Concrete



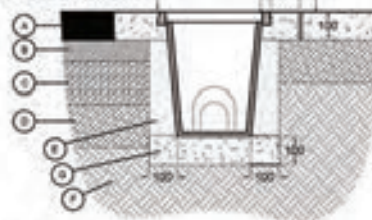
Concrete



Class B
Light

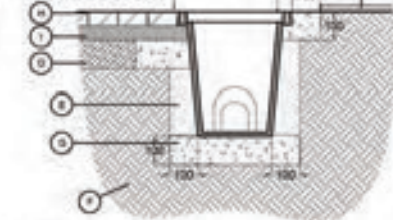
Asphalt/Concrete

The finished level of the concrete surround must be flush with the top of the pit



Brick/Concrete

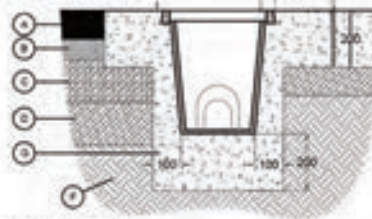
The finished level of the concrete surround must be flush with the top of the pit



Class C
Medium

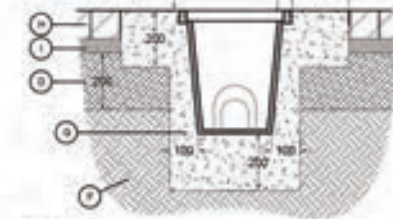
Asphalt/Concrete

The finished level of the concrete surround must be flush with the top of the pit



Brick

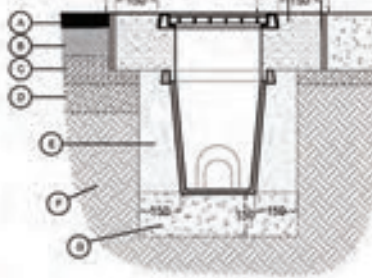
The finished level of the concrete surround must be flush with the top of the pit



Class D
Heavy

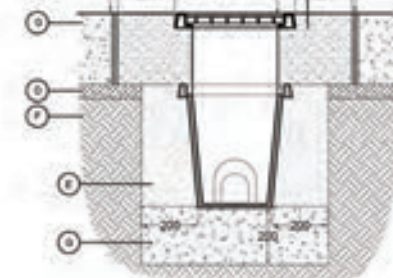
Asphalt/Concrete

The finished level of the concrete surround must be flush with the top of the pit



Concrete

The finished level of the concrete surround must be flush with the top of the pit



AS3996:2006 Access covers and grates

AS4586:2013 Slip resistance of new pedestrian surfaces

AS1428.1:2009 Design for access and mobility

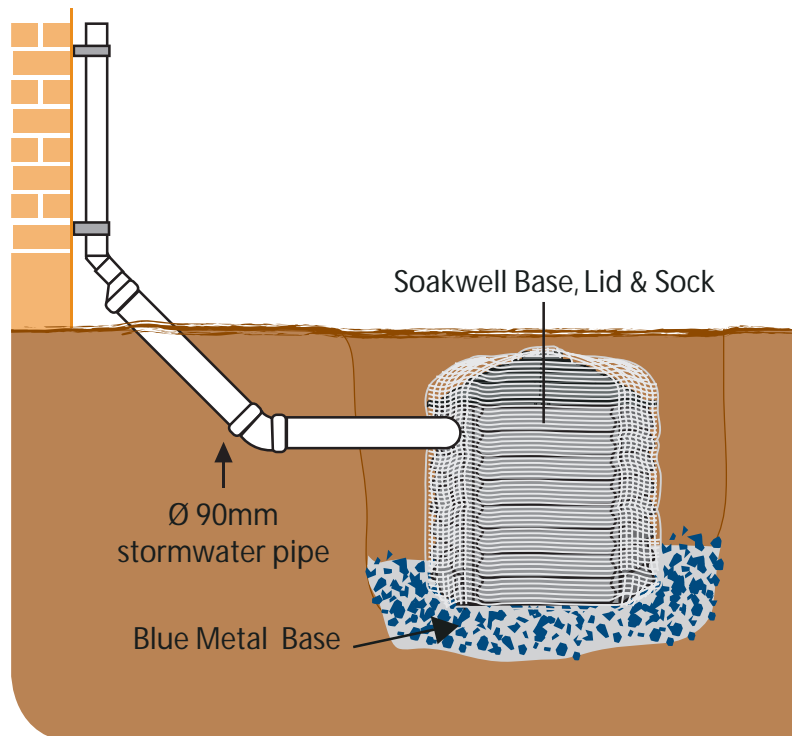
RELN
GROUNDWATER

Soakwell
Rapid Flow



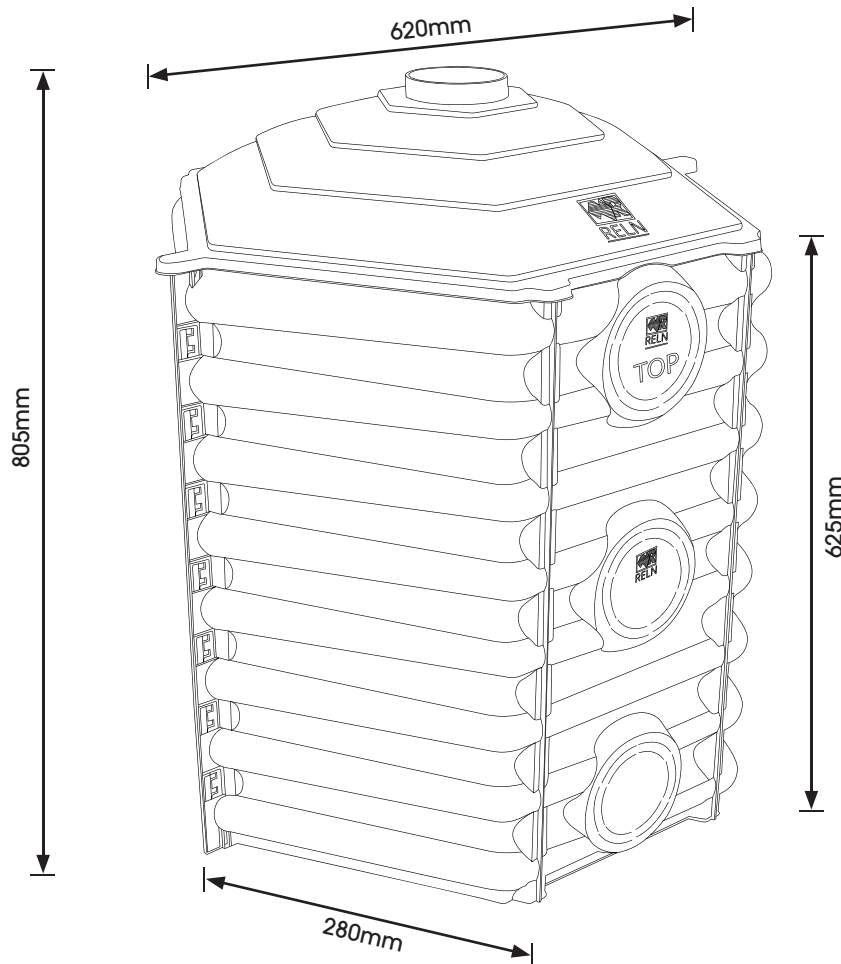
RELN Soakwell

- Light-weight and easy to install
- Strong beehive design, manufactured in high strength reinforced polymer
- Easy to assemble
- Designed to withstand ground pressure
- Drainage slots provide maximum water flow to surrounding soil



Soakwell

RELN Soakwell quickly clears water in sandy soil. Ideal for distributing surfacewater from down pipes into the ground and surrounding soil, Soakwell consists of a base, lid and sock with knockout centre or bottom inlet/outlet for controlled flow.



- Lightweight, easier to install
- Strong beehive design, manufactured in high strength reinforced polymer
- Easy to assemble
- Designed to withstand ground pressure
- Drainage slots designed to provide maximum water flow to surrounding soil

Range: Soakwell Base, Lid, Sock, Enviro Pack

Display: Hang Pads available

> Frequently Asked Questions

Q1. Where can a Soakwell be used?

A. Soakwells are great for areas housed on sandy soils. Soakwells disperse water into the surrounding soil from the downpipe of your house/building.

Q2. Why is it a beehive shape?

A. The beehive shape allows the Soakwell to withstand ground pressure.

Q3. Can more than 1 Soakwell be aligned?

A. Yes. The Soakwell has multiple outlets that can be knocked out for the attachment of another Soakwell.

Q4. Why do I need a Soakwell Sock?

A. The Soakwell Sock stops sand entering the Soakwell. It also eliminates the need to backfill with blue metal aggregate.



Soakwell - Base

Product Code: 000865

Weight: 3kg



Soakwell - Lid

Product Code: 000866

Weight: 1.4kg



Soakwell - Sock

Product Code: 001245

Weight: 0.1kg



Soakwell - Enviro Pack complete with 1x Soakwell Base, 1x Soakwell Lid, 1x Soakwell Sock, 1x 6m Stretch Drain 100mm Solid

Product Code: 000017

Weight: 6.7kg



POS Material for RELN Soakwell - Rapid Flow Pad

Product Code: 000864

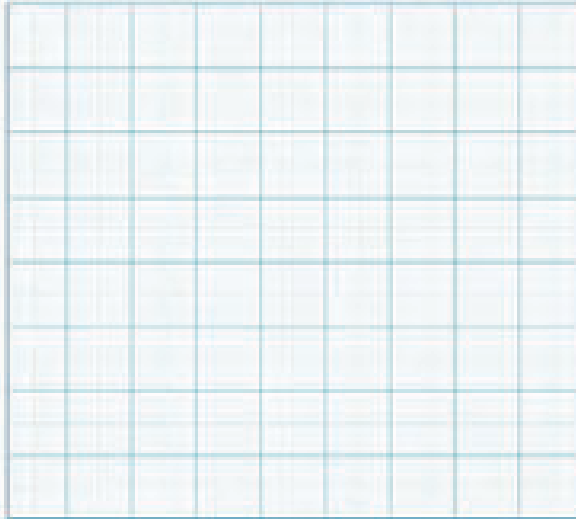


Soakwell

Rapid Flow

D.I.Y. Soakwell System Planner

Design your own drainage system with Soakwell



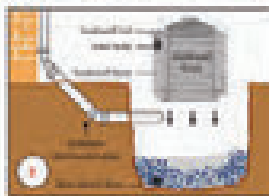
Component	Qty	Notes
Soakwell Base		
Soakwell Lid		
Soakwell Sock		

Installation Instructions for Soakwell System

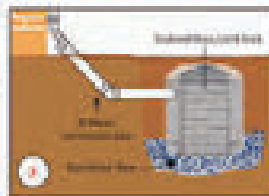
Easy installation in 3 simple steps



- ASSEMBLE BASE AND SOAKWELL LID**
 - Assemble sides of the Soakwell Base by inserting tabs and pushing both clips together both sides 100%.
 - Cut out 100mm hole.
 - Fit 100mm Soakwell Lid to the Base.



- FIT SOAKWELL SOCK**
Fit Soakwell Sock over the top of assembled Base and Lid. Cut inlet hole in Sock to fit pipe through.



- INSTALL**
Place assembled Soakwell in a one metre hole with a base of 100mm blue gravel. Connect to main water pipe. Backfill hole and cover.



9 519022 008644 2



RELN
GROUNDWATER



RELN Splash Block

- Stops soil erosion around your footings
- Diverts gutter downpipe water flow
- Ideal for sandy soils
- Available in 3 colours. Mist Green, Stone and Black
- Stackable, easy to transport
- Made from 100% UV-stabilised recycled plastic

Black Plastic



Stone



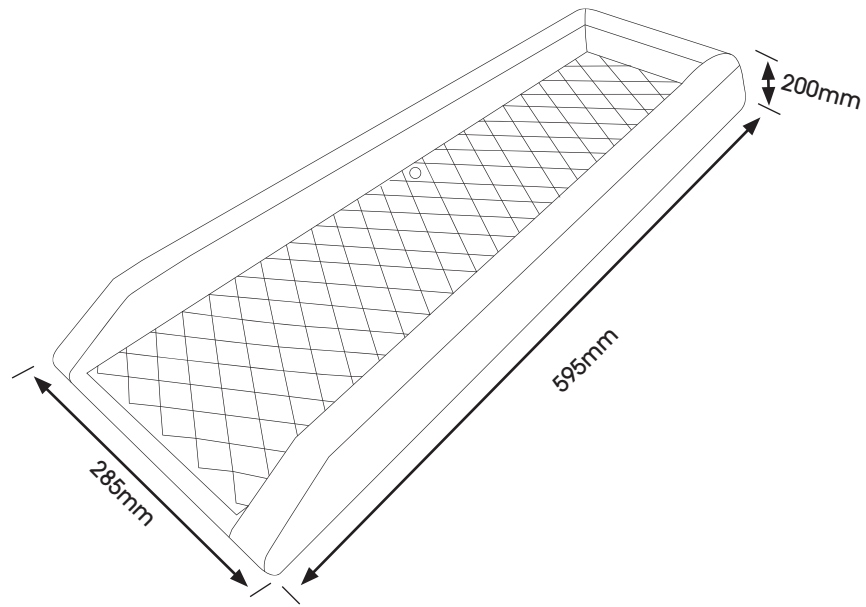
Mist Green





Splash Block

RELN Splash Block directs stormwater run-off when placed under gutter downpipes; preventing soil erosion that normally occurs with excessive water run-off.



- Stops soil erosion around footings
- Diverts gutter downpipe water flow
- Ideal for sandy soils
- Available in 3 colours. Mist Green, Stone and Black
- Stackable, easy to transport

Splash Block / Merchandising

Splash Block - Stone

Product Code: 000868

Weight: 1kg



Splash Block - Black

Product Code: 000867

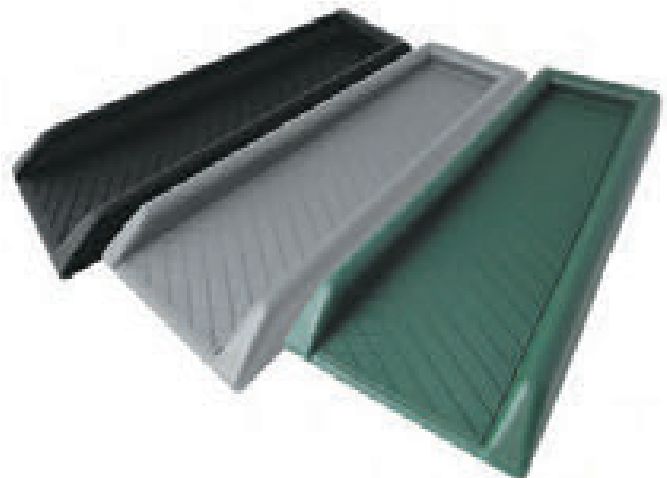
Weight: 1kg



Splash Block - Mist Green

Product Code: 000869

Weight: 1kg





RELN
GROUNDWATER



RELN Ag-Pipe

- Range of pipe fittings available
- RTA/RMS approved Filtersock
- Available in two resins: HDPE SN8 and PVC SN20
- HDPE SN8 Ag-Pipe is ideal for general drainage applications such as sporting fields, parks and gardens
- PVC SN20 Ag-Pipe is ideal for heavy duty applications such as roads and civil engineering projects, as well as areas used by heavy vehicular traffic
- Available as Solid, Slotted and Unslotted with Filtersock in 10, 20, 50, 100 and 200. 160 available in 25.

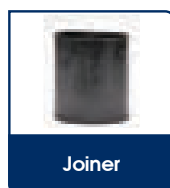
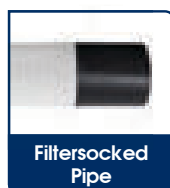
Filtersock

Solid

Slotted



Components:



Ag-Pipe

Corrugated Ag Pipe is a single wall corrugated drainage pipe used for subsoil drainage. Manufactured with a corrugated profile from high quality recycled and virgin resins, Ag Pipe is both strong and lightweight. All Corrugated Ag Pipe products fitted with a filter sock are RTA approved, and come packaged in a storage bag to help protect the filter sock prior to installation.

> Ag Pipe Solid



Perfect for moving stormwater/ wastewater when drawing water away from the surrounding soil is not required.

> Ag Pipe Slotted



Slots allow water to enter the pipe. Perfect to drain away excess groundwater and possibly surfacewater into a stormwater line, wastewater line or pit.

> Ag Pipe Filtersock



Sock prevents unwanted sediment entering the pipe causing blockages in the line. Slotted Ag Pipe is within sock.

- Range of pipe fittings available
- RTA / RMS approved
- Available in two resins
- HDPE SN8 Ag-Pipe is ideal for general drainage applications such as sporting fields, parks and gardens
- PVC SN20 Ag-Pipe is ideal for heavy duty applications such as roads and civil engineering projects, as well as areas used by heavy vehicular traffic
- Available as Solid, Slotted and unslotted with Filtersock in 10m, 20m, 50m, 100m and 200m. 160mm available in 25m.

Quality Assurance: Corrugated Ag Pipe is manufactured to stringent specifications. A pipe stiffness test is carried out as part of compliance to AS2439-1-2007, and in accordance with AS/NZS1462.22, which tests the stiffness capabilities of the pipe. Pipe samples are placed within an Instron Impact / Compression Testing Unit and data is entered based on the pipe's wall thickness and weight. A series of deflection tests are then carried out to give a final reading on the stiffness of the pipe.

> Frequently Asked Questions

Q1. Can you buy the sock only?

A. Yes. However, the sock is only available on a 250m roll.

Q2. How big are the slots on the pipe?

A. The slots surround the entire pipe.

Q3. Is there a joiner on the roll?

A. Yes. The Ag-Pipe comes with a coupling.







Reln Ag-Pipe 50mm
 Reln Ag-Pipe 65mm
 Reln Ag-Pipe 100mm
 Reln Ag-Pipe 160mm
 Reln Ag-Pipe PVC 100mm
 Reln Ag-Pipe PVC 160mm
 Reln Ag-Pipe 80mm

Product Code	Description	Diameter (mm)	Length (m)	Weight (kg)	Barcode
RAP5010FS	Reln Ag-Pipe 50mm x 10m SN8-Class 400 Filtersock	50mm	10m	1.9kg	 9 319022 000013
RAP5020FS	Reln Ag-Pipe 50mm x 20m SN8-Class 400 Filtersock	50mm	20m	3.8kg	 9 319022 000020
RAP5050FS	Reln Ag-Pipe 50mm x 50m SN8-Class 400 Filtersock	50mm	50m	9.5kg	 9 319022 000037
RAP50100FS	Reln Ag-Pipe 50mm x 100m SN8-Class 400 Filtersock	50mm	100m	19kg	 9 319022 000044
RAP50200FS	Reln Ag-Pipe 50mm x 200m SN8-Class 400 Filtersock	50mm	200m	38kg	 9 319022 000051
RAP6510FS	Reln Ag-Pipe 65mm x 10m SN8-Class 400 Filtersock	65mm	10m	2.2kg	 9 319022 000068
RAP6520FS	Reln Ag-Pipe 65mm x 20m SN8-Class 400 Filtersock	65mm	20m	4.4kg	 9 319022 000075
RAP6550FS	Reln Ag-Pipe 65mm x 50m SN8-Class 400 Filtersock	65mm	50m	11kg	 9 319022 000082
RAP65100FS	Reln Ag-Pipe 65mm x 100m SN8-Class 400 Filtersock	65mm	100m	22kg	 9 319022 000099
RAP65200FS	Reln Ag-Pipe 65mm x 200m SN8-Class 400 Filtersock	65mm	200m	44kg	 9 319022 000105



ReIn Ag-Pipe 50mm
 ReIn Ag-Pipe 65mm
 ReIn Ag-Pipe 100mm
 ReIn Ag-Pipe 160mm
 ReIn Ag-Pipe PVC 100mm
 ReIn Ag-Pipe PVC 160mm
 ReIn Ag-Pipe 80mm

Product Code	Description	Diameter (mm)	Length (m)	Weight (kg)	Barcode
RAP10010FS	ReIn Ag-Pipe 100mm x 10m SN8-Class 400 Filtersoc	100mm	10m	3.6kg	 9 319022 000112
RAP10020FS	ReIn Ag-Pipe 100mm x 20m SN8-Class 400 Filtersock	100mm	20m	7.6kg	 9 319022 000129
RAP10050FS	ReIn Ag-Pipe 100mm x 50m SN8-Class 400 Filtersock	100mm	50m	18kg	 9 319022 000136
RAP100100FS	ReIn Ag-Pipe 100mm x 100m SN8-Class 400 Filtersock	100mm	100m	36kg	 9 319022 000143
RAP16025FS	ReIn Ag-Pipe 160mm x 25m SN8-Class 400 Filtersock	160mm	25m	20kg	 9 319022 000150
RVC10020FS	ReIn Ag-Pipe PVC 100mm x 20m SN20-Class 1000 Filtersock	100mm	20m	12.4kg	 9 319022 000167
RVC10050FS	ReIn Ag-Pipe PVC 100mm x 50m SN20-Class 1000 Filtersock	100mm	50m	31kg	 9 319022 000174
RVC100100FS	ReIn Ag-Pipe PVC 100mm x 100m SN20-Class 1000 Filtersock	100mm	100m	62kg	 9 319022 000181
RVC16025FS	ReIn Ag-Pipe PVC 160mm x 25m SN20-Class 1000 Filtersock	160mm	25m	37.5kg	 9 319022 000198
RAP8020FS	ReIn Ag-Pipe 80mm x 20m SN8-Class 400 Filtersock SPECIAL ORDER	80mm	20m	N/A	 9 319022 254119



Reln Ag-Pipe 50mm
 Reln Ag-Pipe 65mm
 Reln Ag-Pipe 100mm
 Reln Ag-Pipe 160mm
 Reln Ag-Pipe PVC 100mm
 Reln Ag-Pipe PVC 160mm
 Reln Ag-Pipe 80mm

Product Code	Description	Diameter (mm)	Length (m)	Weight (kg)	Barcode
RAP5010	Reln Ag-Pipe 50mm x 10m SN8-Class 400 Slotted	50mm	10m	1.9kg	 9 319022 000204
RAP5020	Reln Ag-Pipe 50mm x 20m SN8-Class 400 Slotted	50mm	20m	3.8kg	 9 319022 000211
RAP5050	Reln Ag-Pipe 50mm x 50m SN8-Class 400 Slotted	50mm	50m	9.5kg	 9 319022 000228
RAP50100	Reln Ag-Pipe 50mm x 100m SN8-Class 400 Slotted	50mm	100m	19kg	 9 319022 000235
RAP50200	Reln Ag-Pipe 50mm x 200m SN8-Class 400 Slotted	50mm	200m	38kg	 9 319022 000242
RAP6510	Reln Ag-Pipe 65mm x 10m SN8-Class 400 Slotted	65mm	10m	2.2kg	 9 319022 000259
RAP6520	Reln Ag-Pipe 65mm x 20m SN8-Class 400 Slotted	65mm	20m	4.4kg	 9 319022 000266
RAP6550	Reln Ag-Pipe 65mm x 50m SN8-Class 400 Slotted	65mm	50m	11kg	 9 319022 000273
RAP65100	Reln Ag-Pipe 65mm x 100m SN8-Class 400 Slotted	65mm	100m	22kg	 9 319022 000280
RAP65200	Reln Ag-Pipe 65mm x 200m SN8-Class 400 Slotted	65mm	200m	44kg	 9 319022 000297



Reln Ag-Pipe 50mm
Reln Ag-Pipe 65mm
Reln Ag-Pipe 100mm
Reln Ag-Pipe 160mm
Reln Ag-Pipe PVC 100mm
Reln Ag-Pipe PVC 160mm
Reln Ag-Pipe 80mm

Product Code	Description	Diameter (mm)	Length (m)	Weight (kg)	Barcode
RAP10010	Reln Ag-Pipe 100mm x 10m SN8-Class 400 Slotted	100mm	10m	3.6kg	
RAP10020	Reln Ag-Pipe 100mm x 20m SN8-Class 400 Slotted	100mm	20m	7.2kg	
RAP10050	Reln Ag-Pipe 100mm x 50m SN8-Class 400 Slotted	100mm	50m	18kg	
RAP100100	Reln Ag-Pipe 100mm x 100m SN8-Class 400 Slotted	100mm	100m	36kg	
RAP16025	Reln Ag-Pipe 160mm x 25m SN4-Class 200 Slotted	160mm	25m	20kg	
RVC10020	Reln Ag-Pipe PVC 100mm x 20m SN20-Class 1000 Slotted	100mm	20m	12.4kg	
RVC10050	Reln Ag-Pipe PVC 100mm x 50m SN20-Class 1000 Slotted	100mm	50m	31kg	
RVC100100	Reln Ag-Pipe PVC 100mm x 100m SN20-Class 1000 Slotted	100mm	100m	62kg	
RVC16025	Reln Ag-Pipe PVC 160mm x 25m SN20-Class 1000 Slotted	160mm	25m	37.5kg	
RAP8020	Reln Ag-Pipe 80mm x 20m SN8-Class 400 Slotted SPECIAL ORDER	80mm	20m	7.2kg	



Reln Ag-Pipe 50mm

Reln Ag-Pipe 65mm

Reln Ag-Pipe 100mm

Reln Ag-Pipe 160mm

Reln Ag-Pipe PVC 100mm

Reln Ag-Pipe PVC 160mm

Product Code	Description	Diameter (mm)	Length (m)	Weight (kg)	Barcode
RAP5010US	Reln Ag-Pipe 50mm x 10m SN8-Class 400 Unslotted	50mm	10m	1.9kg	 9 319022 000396
RAP5020US	Reln Ag-Pipe 50mm x 20m SN8-Class 400 Unslotted	50mm	20m	3.8kg	 9 319022 000402
RAP5050US	Reln Ag-Pipe 50mm x 50m SN8-Class 400 Unslotted	50mm	50m	9.5kg	 9 319022 000419
RAP50100US	Reln Ag-Pipe 50mm x 100m SN8-Class 400 Unslotted	50mm	100m	19kg	 9 319022 000426
RAP50200US	Reln Ag-Pipe 50mm x 200m SN8-Class 400 Unslotted	50mm	200m	38kg	 9 319022 000433
RAP6510US	Reln Ag-Pipe 65mm x 10m SN8-Class 400 Unslotted	65mm	10m	2.2kg	 9 319022 000440
RAP6520US	Reln Ag-Pipe 65mm x 20m SN8-Class 400 Unslotted	65mm	20m	4.4kg	 9 319022 000457
RAP6550US	Reln Ag-Pipe 65mm x 50m SN8-Class 400 Unslotted	65mm	50m	11kg	 9 319022 000464
RAP65100US	Reln Ag-Pipe 65mm x 100m SN8-Class 400 Unslotted	65mm	100m	22kg	 9 319022 000471
RAP65200US	Reln Ag-Pipe 65mm x 200m SN8-Class 400 Unslotted	65mm	200m	44kg	 9 319022 000488



Reln Ag-Pipe 50mm

Reln Ag-Pipe 65mm

Reln Ag-Pipe 100mm

Reln Ag-Pipe 160mm

Reln Ag-Pipe PVC 100mm

Reln Ag-Pipe PVC 160mm

Product Code	Description	Diameter (mm)	Length (m)	Weight (kg)	Barcode
RAP10010US	Reln Ag-Pipe 100mm x 10m SN4-Class 200 Unslotted	100mm	10m	3.6kg	 9 319022 000495
RAP10020US	Reln Ag-Pipe 100mm x 20m SN8-Class 400 Unslotted	100mm	20m	7.2kg	 9 319022 000501
RAP10050US	Reln Ag-Pipe 100mm x 50m SN8-Class 400 Unslotted	100mm	50m	18kg	 9 319022 000518
RAP100100US	Reln Ag-Pipe 100mm x 100m SN8-Class 400 Unslotted	100mm	100m	36kg	 9 319022 000525
RAP16025US	Reln Ag-Pipe 160mm x 25m SN8-Class 200 Unslotted	160mm	25m	20kg	 9 319022 000532
RVC10020US	Reln Ag-Pipe PVC 100mm x 20m SN20-Class 1000 Unslotted	100mm	20m	12.4kg	 9 319022 000549
RVC10050US	Reln Ag-Pipe PVC 100mm x 50m SN20-Class 1000 Unslotted	100mm	50m	31kg	 9 319022 000556
RVC100100US	Reln Ag-Pipe PVC 100mm x 100m SN20-Class 1000 Unslotted	100mm	100m	62kg	 9 319022 000563
RVC16025US	Reln Ag-Pipe PVC 160mm x 25m SN20-Class 1000 Unslotted	160mm	25m	37.5kg	 9 319022 000570

Ag-Pipe End Cap 50mm



Product Code: RAP50EC

Weight: 0.01kg



Ag-Pipe Reducing Coupling 100mm - 50mm



Product Code: RAP10050RED

Weight: 0.04kg



Ag-Pipe Straight Coupling 50mm



Product Code: RAP50SC

Weight: 0.02kg



Ag-Pipe T Junction 50mm



Product Code: RAP50T

Weight: 0.04kg



Ag-Pipe Reducing Coupling 100mm - 65mm



Product Code: RAP10050RED

Weight: 0.4kg



Ag-Pipe Cross Junction 65mm



Product Code: RAP65X

Weight: 0.07kg



Ag-Pipe End Cap 65mm



Product Code: RAP65EC

Weight: 0.02kg



Ag-Pipe Straight Coupling 65mm



Product Code: RAP65SC

Weight: 0.2kg



Ag-Pipe T Junction 65mm



Product Code: RAP65T

Weight: 0.06kg



9 319022 25404 1

Ag-Pipe Y Junction 65mm



Product Code: RAP65Y

Weight: 0.06kg



9 319022 000730

**Ag-Pipe Adaptor 100m -
100mm PVC DWV**



Product Code: RAP100100ADP

Weight: 0.06kg



9 319022 000648

**Ag-Pipe Adaptor 100m -
90mm PVC DWV**



Product Code: RAP10090ADP

Weight: 0.07kg



9 319022 000655

**Ag-Pipe Cross
Junction 100mm**



Product Code: RAP100X

Weight: 0.12kg



9 319022 000747

Ag-Pipe End Cap 100mm



Product Code: RAP100EC

Weight: 0.03kg



9 319022 000679

**Ag-Pipe Straight
Coupling 100mm**



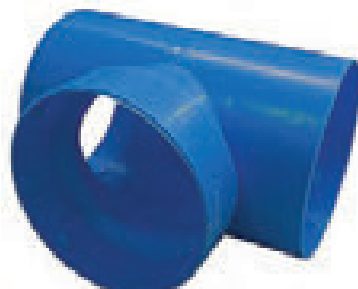
Product Code: RAP100SC

Weight: 0.05kg



9 319022 000587

Ag-Pipe T Junction 100mm



Product Code: RAP100T

Weight: 0.12kg



9 319022 254072

Ag-Pipe Y Junction 100mm

Product Code: RAP100Y

Weight: 0.15kg


**Ag-Pipe Reducing Coupling
100mm - 50mm**

Product Code: RAP10050RED

Weight: 0.04kg



No job too wet.

RELN
GROUNDWATER

Stretch
Drain™

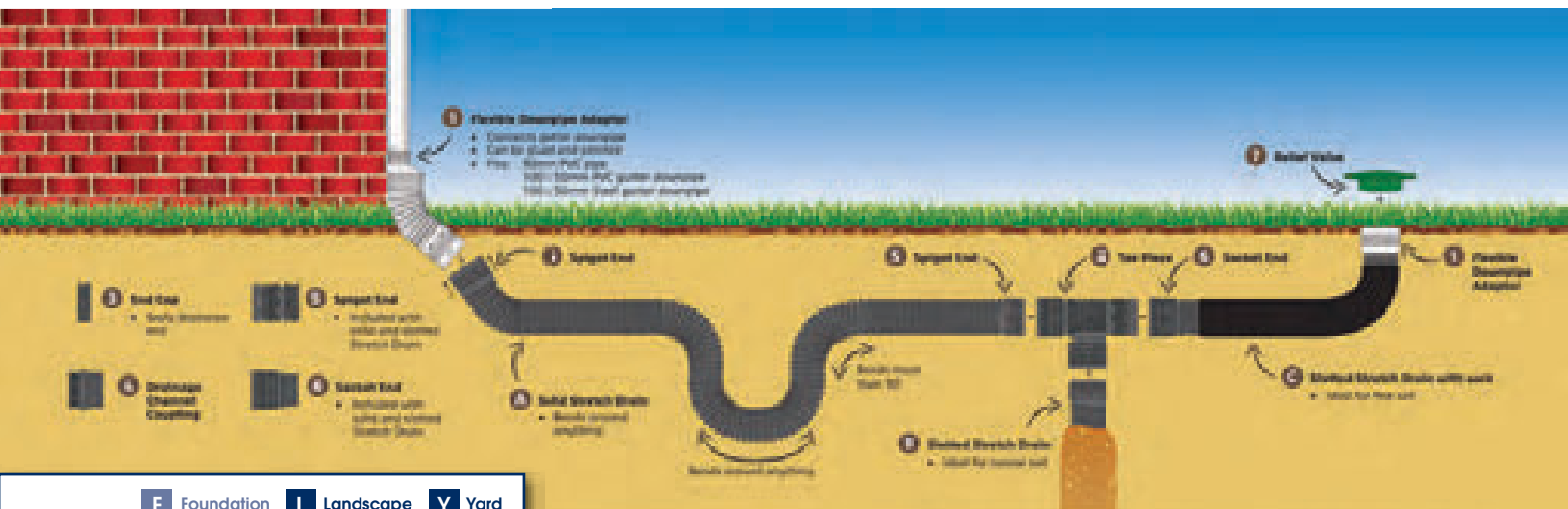


Stretch Drain

- Fast and easy to install
- Complete range of accessories
- Fits all popular drainage pipe & systems
- Expands up to 4 times long
- No elbows needed
- Can be cut to length
- Reusable



Saves space with transport

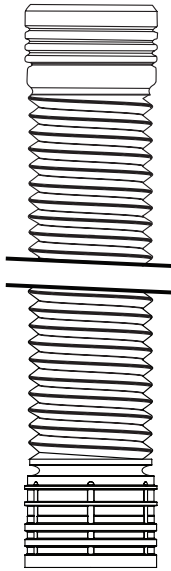




Stretch Drain

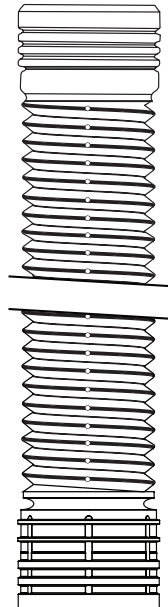
Stretch Drain is more flexible than traditional corrugated pipe, which allows it to bend around any obstacle and retain its shape during installation. Fast installation means you spend less time and money, and its compact design makes transport a breeze.

> Solid Stretch Drain (8m or 16m length, 100mm or 65mm diameter)



- Ideal for diverting water from one point to another
- Available in 8 and 16m lengths
- Available in 100mm and 65mm diameter
- No elbows needed
- Expands up to 4 times long
- Connect 2 or more pipes
- Connects to RELN Drainage, 90 and 100mm PVC stormwater pipe
- Can be cut to length
- Reusable
- Suitable for temporary downpipe

> Slotted Stretch Drain (16m length, 100mm or 65mm diameter)



- Ideal for groundwater drainage such as controlled flow of water into ground or French drains
- Closely spaced slits allows water ingress or disposal
- Use gravel or rock base for backfill
- No elbows needed
- Expands up to 4 times long
- Connect 2 or more pipes
- Connects to RELN Drainage, 90 and 100mm PVC stormwater pipe

> Slotted with sock Stretch Drain (8m or 16m length, 100mm or 65mm diameter)



- Ideal for groundwater drainage such as controlled flow of water into ground or French drains
- Closely spaced slits allows water ingress or disposal, covered by Polyester sock
- Polyester sock prevents clogging of the slots
- Can be used in areas where soil or sand require filtration
- No elbows needed
- Expands up to 4 times long
- Connect 2 or more pipes
- Connects to RELN Drainage, 90 and 100mm PVC stormwater pipe

> Frequently Asked Questions

Q1. Do you have a range of fittings?

A. RELN has a range of fittings including downpipe adapters, spigots and tee pieces. See product guide to find the right thing.

Q2. Can I reuse my Stretch Drain off cuts?

A. Yes. With our Stretch Drain Socket End, you can reconnect the off cuts back into the Stretch Drain channel.

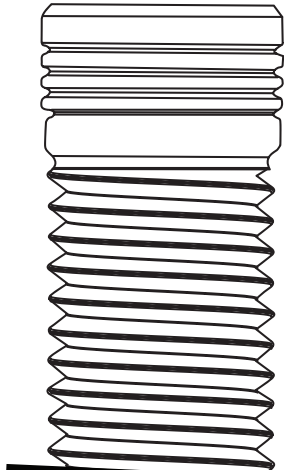
Q3. Will Stretch Drain attach to other RELN Surfacewater channels?

A. Yes. With our Drainage Channel Coupling you can connect Stretch Drain to RELN Surfacewater channels.

Q4. Can the Stretch Drain Downpipe Adapter connect to rectangular and round downpipe?

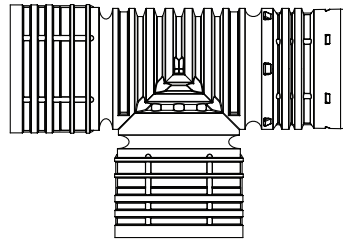
A. Yes. It comes designed for a rectangular downpipe to connect to a round downpipe cut the rectangular mould off, leaving you with a round connection.

> Flexible Downpipe Adapter



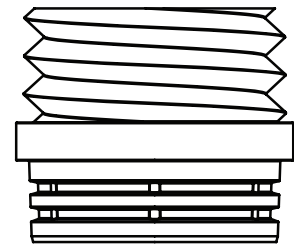
- Connects gutter down pipe to drainpipe
- Fits:
 - 90mm PVC Pipe
 - 100 x 50mm PVC Gutter Down pipe
 - 100 x 50mm Steel Gutter Down pipe
- Expands up to 370mm long

> Tee Piece



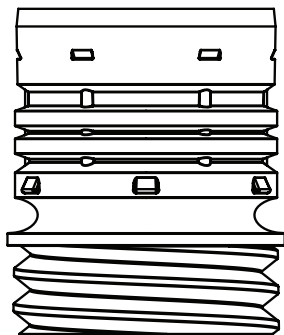
- Connects to multiple drain pipes
- Fits Stretch Drain 100mm Diameter

> Drainage Channel Coupling



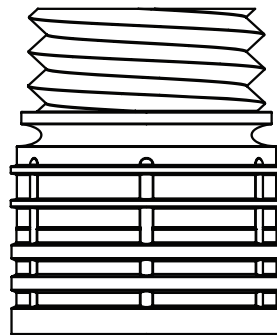
- Connects Stretch Drain to RELN surfacewater drainage system 90mm outlets

> Stretch Drain Spigot End



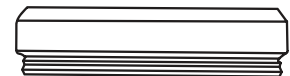
- For connecting Stretch Drain pipe sections
- Connects Stretch Drain Socket End
- Also connects to:
 - 90mm PVC Pipe
 - 100mm Draincoil
 - 100mm PVC Pipe

> Stretch Drain Socket End



- For connecting Stretch Drain pipe sections
- Connects to Socket End

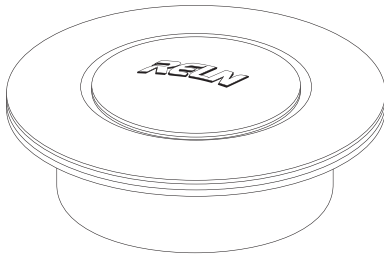
> Stretch Drain End Cap



- Seals Stretch Drain pipe end

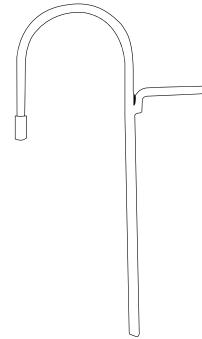


> Stretch Drain Pop Up Emitter



- Allows overflow of excess water
- Connect using Flexible Downpipe Adaptor

> Stretch Drain Hold Down Pegs



- Stretch Drain Hold down pegs
- For anchoring 100mm drainpipe
- Allows quick and easy expansion of Stretch Drain
- Anchor Stretch Drain end and pull other end to expand



> Stretch Drain Merchandising Stand

- Better return on store shelf space (Stretch Drain uses approx 20% of the space of corrugated pipe)
- Increase sales by bringing the total pipe and fitting package together in one professional Stretch Drain in store display
- Easy to install
- Hang pads and brochures available



POS Stretch Drain - 16m Header 1384 x 480mm

Product Code: 000519



9 319022 005193



Stretch Drain 100m Tubes / Stretch Drain 100mm Accessories

Stretch Drain 100mm -
8m Slotted Pipe Only

Product Code: 000514

Weight: 2.2kg



Stretch Drain 100mm -
8m Solid Pipe Only

Product Code: 000513

Weight: 2.2kg



Stretch Drain 100mm -
8m Slotted with Sock

Product Code: 000501

Weight: 2.5kg



Stretch Drain 100mm -
16m Slotted

Product Code: 000503

Weight: 4.5kg



Stretch Drain 100mm -
16m Solid

Product Code: 000502

Weight: 4.5kg



Stretch Drain 100mm -
16m Slotted with Sock

Product Code: 000504

Weight: 4.5kg



Stretch Drain 100mm -
Socket End

Product Code: 000508

Weight: 0.06kg



Stretch Drain 100mm -
Spigot End

Product Code: 000507

Weight: 0.07kg





Stretch Drain 100mm Accessories

Stretch Drain 100mm - End Cap



Product Code: 000509

Weight: 0.03kg



Stretch Drain 100mm - Tee Piece



Product Code: 000506

Weight: 0.2kg



Stretch Drain 100mm - Drainage Channel Coupling



Product Code: 000510

Weight: 0.03kg



Stretch Drain 100mm - Downpipe Adaptor 100 x 50



Product Code: 000505

Weight: 0.12kg



Stretch Drain 100mm - Drainage Peg



Product Code: 000516

Weight: 0.2kg

Load Rating:
Residential
Light Duty



Stretch Drain 100mm - Relief Valve



Product Code: 000532

Weight: 0.5kg

Load Rating:
Residential
Light Duty



POS Stretch Drain - Hang Pad



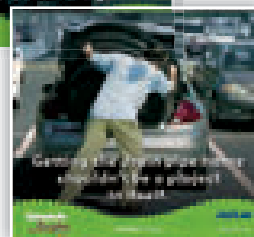
Product Code: 000515



POS Stretch Drain - Side Banners 2.8mm



Product Code: 000517





Stretch Drain 100mm Accessories / Stretch Drain 65mm Tubes / Stretch Drain 65mm Accessories

Stretch Drain 65mm - 8m Slotted with Sock

Product Code: 000554

Weight: 1.6kg



Stretch Drain 65mm - 8m Solid

Product Code: 000550

Weight: 1.5kg



Stretch Drain 65mm - 16m Solid

Product Code: 000551

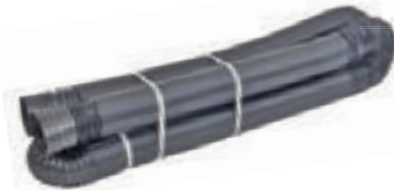
Weight: 1.6kg



Stretch Drain 65mm - 16m Slotted

Product Code: 000553

Weight: 3.1kg



Stretch Drain 65mm - 16m Slotted with Sock

Product Code: 000555

Weight: 3.1kg



Stretch Drain 65mm - End Cap

Product Code: 000556

Weight: 0.02kg



Stretch Drain 65mm - Socket End

Product Code: 000560

Weight: 0.04kg



Stretch Drain 65mm - Tee Piece

Product Code: 000557

Weight: 0.1kg





Stretch Drain 65mm Accessories / Merchandising



Stretch Drain 65mm - Spigot End

Product Code: 000561

Weight: 0.04kg



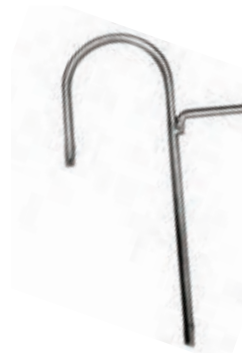
9 319022 005612

Stretch Drain 100mm - Drainage Peg

Product Code: 000516

Weight: 0.2kg

Load Rating:
Residential
Light Duty



9 319022 005162

Complete Drainage Solution Centre

Now there is a better way - Stretch Drain

Stretch Drain is more flexible than traditional corrugated pipe, allowing it to bend around any obstacle and retain its shape during installation.

- ✓ Fast and easy to install
- ✓ Saves time and money
- ✓ Complete range of accessories
- ✓ Compact design for easy transport
- ✓ Fits all popular drainage pipes and systems

Scan here to see how to install

Bends around anything!

Expands up to 4 times longer!

Connects 2 or more pipes!

Connects to Rein drainage!

Groundwater Products

The stretch is powered, a certain form of traditional piping.

**RELN
BLACKWATER**



RELN Septic and Holding Tanks

- 15 year warranty
- Australian Standards Approved AS/NZS1546:1:2008 On-site domestic wastewater treatment units – Septic Tanks Lic
- Unique stepped ribs for greater strength
- Lid and Manhole cover UV protected
- Lightweight and suitable for easy and cost effective transport



**15 YEAR
WARRANTY**



AS/NZS 1546.1
AMI1651



**3200L
Septic
Tank**



**3200L
Holding
Tank**



**3200L
Deep Invert
Septic Tank**



**3200L
Deep Invert
Holding Tank**



**4000L
Septic
Tank**



**4000L
Holding
Tank**

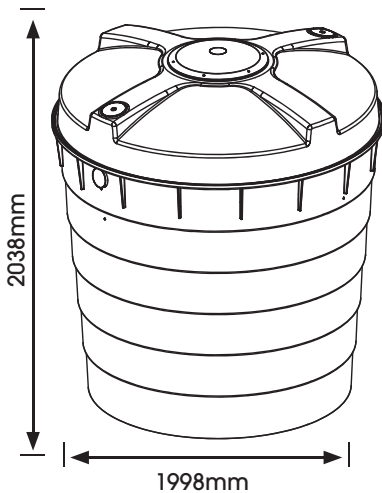
F Foundation **L** Landscape **Y** Yard



Septic and Holding Tanks

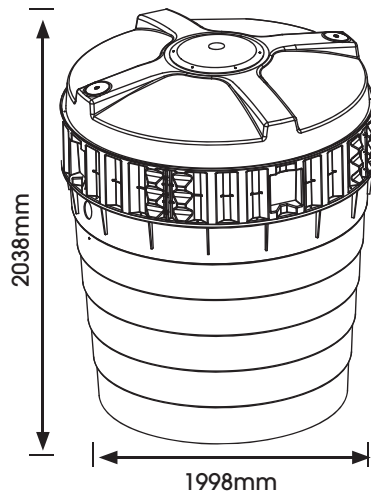
RELN's complete range of purpose designed blackwater tanks take quality, safety and convenience to the next level. The range is Australian Standards Approved and comes with a 15 year warranty.

> 3200L Septic Tank (2038 height x 1998mm diameter)



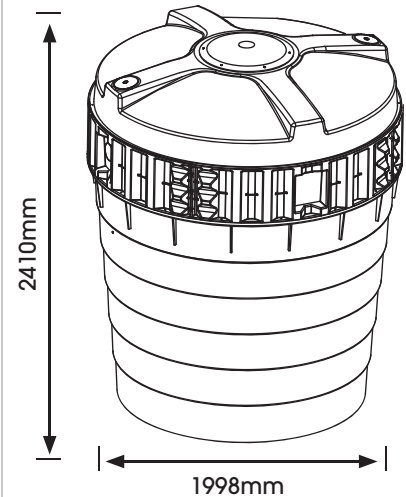
- Ideal for three to four bedroom homes
 - Australian Standards Approved - AS/ NZS1546.1:2008 On-site domestic wastewater treatment units –Septic tanks Lic AMI1651
 - Easy to Transport 122kg base, 139kg with baffle
 - Lightweight and easy to manage without a crane.
 - Riser kits packed and stored inside tank for delivery
 - Can be stacked for cost effective transport
 - Unique stepped ribbing for added strength
 - UV protected green lid reduces effect of sunlight
 - Built in locking alignment prevents incorrect fitting of lid to base
 - Septic Tanks are supplied as a complete kit including inlet and outlet T-Junctions
 - 15 Year Warranty
- Range:** Fully Moulded Baffle, Standard Septic Tank Installation Kit, Riser Kit
- Display:** Brochure Available

> 3200L Holding Tank (2038 height x 1998mm diameter)



- Ideal for holding excess effluent from Septic Tanks
 - Waste pumped out by effluent tanker
 - Australian Standards Approved - AS/ NZS1546.1:2008 On-site domestic wastewater treatment units –Septic tanks Lic AMI1651
 - Easy to Transport 122kg base, 139kg with baffle
 - Lightweight and easy to manage without a crane
 - Riser kits packed and stored inside tank for delivery
 - Can be stacked for cost effective transport
 - Unique stepped ribbing for added strength
 - UV protected grey lid reduces effect of sunlight
 - Built in locking alignment prevents incorrect fitting of lid to base
 - Septic Tanks supplied as a complete kit including inlet and outlet T-Junctions
 - 15 Year Warranty
- Range:** Standard Septic Tank Installation Kit
- Display:** Brochure Available

> 4000L Septic Tank (2410 height x 1998mm diameter)



- Ideal for four to five bedroom homes
 - Australian Standards Approved - AS/ NZS1546.1:2008 On-site domestic wastewater treatment units –Septic tanks Lic AMI1651
 - Easy to Transport 159kg base, 181kg with baffle
 - Lightweight and easy to manage without a crane
 - Unique stepped ribbing for added strength
 - Reinforced polypropylene structural brace ring prevents crushing when installed deep in the ground
 - Built in locking alignment prevents incorrect fitting of lid to base
 - Septic Tanks are supplied as a complete kit including inlet and outlet T-Junctions
 - 15 Year Warranty
- Range:** Fully Moulded Baffle, Standard Septic Tank Installation Kit
- Display:** Brochure Available

> Frequently Asked Questions

Q1. Can I get a riser for the 4000L Tank?

A. No.

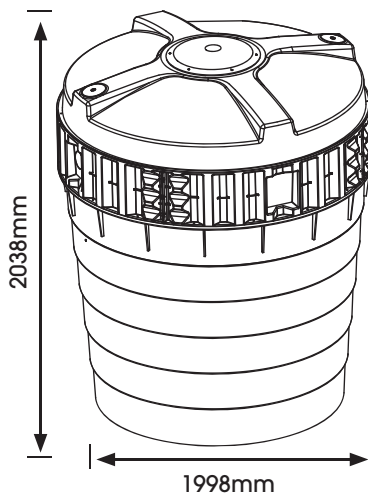
Q2. How big a tank do I need for my home?

A. Please check with your local council body for septic requirements.

Q3. Can I get replacement parts?

A. Yes. RELN supplies a 15 year warranty under the AS/NZS 1546. 1:2008 Standard Lic AMI1651

➤ **4000L Holding Tank**
(2410 height x 1998mm diameter)



- Ideal for holding excess effluent from Septic Tanks
- Waste is pumped out by effluent tanker
- Australian Standards Approved - AS/ NZS1546.1:2008 On-site domestic wastewater treatment units –Septic tanks Lic AM11651
- Easy to Transport 159kg base, 181 with baffle
- Lightweight and easy to manage without a crane
- Unique stepped ribbing for added strength
- To be maintained at 50% capacity to prevent floatation
- Stores effluent for pump out by effluent tanker
- UV protected grey lid reduces effect of sunlight
- Built in locking alignment prevents incorrect fitting of lid to base
- Septic Tanks supplied as a complete kit including inlet and outlet T-Junctions
- 15 Year Warranty

Range: Fully Moulded Baffle, Standard Septic Tank Installation Kit

Display: Brochure Available





3200L Septic Tank

Product Code	Description	Weight (kg)	Barcode
000780S	Septic Tank - 3200L Standard Pack - No Baffle, Drilled base, Lid, Manhole and Accessory	N/A	9 319022 007807
000780C	Septic Tank - 3200L complete with Drilled base, Lid, Manhole, Accessory and Injected Moulded Baffle	140kg	9 319022 007814
000992	Septic Tank - 3200L Drilled Base Only	94.5kg	9 319022 009924
000709	Septic Tank - 3700L No Drill Holes - Base Only	94.5kg	9 319022 007098





3200L Holding Tank

Product Code	Description	Weight (kg)	Barcode
000791	Holding Tank - 3200L Undrilled Base, Lid, Manhole and Accessory Pack	N/A	9 319022 007913
000790	Holding Tank - 3200L Undrilled Base, Lid, Manhole, Accessory Pack with no outlet	N/A	9 319022 007906
000802	Holding Tank - 3200L complete with Reinforcing Ring Only - Drilled	96.7kg	9 319022 008026
000801	Holding Tank - 3200L, No Holes, Undrilled base complete with Reinforcing Ring, inspection Box, Lid and Manhole Cover	140kg	9 319022 008019




3200L Septic Tank With Riser

Product Code	Description	Weight (kg)	Barcode
000845	3200L Deep Invert Septic Tank, Undrilled Base complete with Reinforcing Ring, Riser, Lid, Accessory Pack, Manhole Cover and Lid	N/A	 9 319022 008453
000844	3200L Deep Invert Septic Tank, Undrilled Base complete with Reinforcing Ring, riser, lid, Manhole Cover, Accessory Pack, Lid and Baffle.	190kg	 9 319022 008446





3200L Holding Tank with Riser

Product Code	Description	Weight (kg)	Barcode
000846	3200L Deep Invert Holding Tank, Undrilled Base complete with Reinforcing Ring, Riser, Lid, Accessory Pack no outlet, Manhole Cover and Lid.	4.5kg	 9 319022 008460




4000L Septic Tank

Product Code	Description	Weight (kg)	Barcode
000841	Septic Tank - 4000L Standard without Baffle, Undrilled Base, Reinforcing Ring, Riser, Lid and Accessory Pack	N/A	 9 319022 008415
000840	Septic Tank - 4000L complete Undrilled Base, Reinforcing Ring, Riser, Lid, Accessory Pack and Injected Moulded Baffle	190kg	 9 319022 008408



4000L Holding Tank

Product Code	Description	Weight (kg)	Barcode
000842	Holding Tank - 4000L Complete No Holes, Drill Base, Reinforcing Ring, Riser, Manhole, Lid, Accessory Pack and no Outlet	170kg	 9 319022 008422



Septic Tank - Accessories

Septic Tank - 3200L Green Lid Only



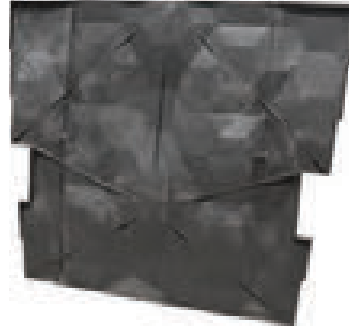
Product Code: 000994

Weight: 37kg

Diameter: 1940kg



Septic Tank - 3200L Baffle



Product Code: 000988

Weight: 17kg



Septic Tank - 3200L Accessory Pack



Product Code: 000655

Weight: 2.2kg



Septic Tank - Manhole Cover - Green



Product Code: 000662

Weight: 2.8kg



Septic Tank - Inspection Box Lid Only - Green



Product Code: 000983

Weight: 0.2kg



Septic Tank - Inlet T Junction



Product Code: 000996

Weight: N/A



Septic Tank - Outlet T Junction



Product Code: 000998

Weight: 0.7kg



Septic Tank - Induct Vent Complete



Product Code: 000990

Weight: 0.3kg





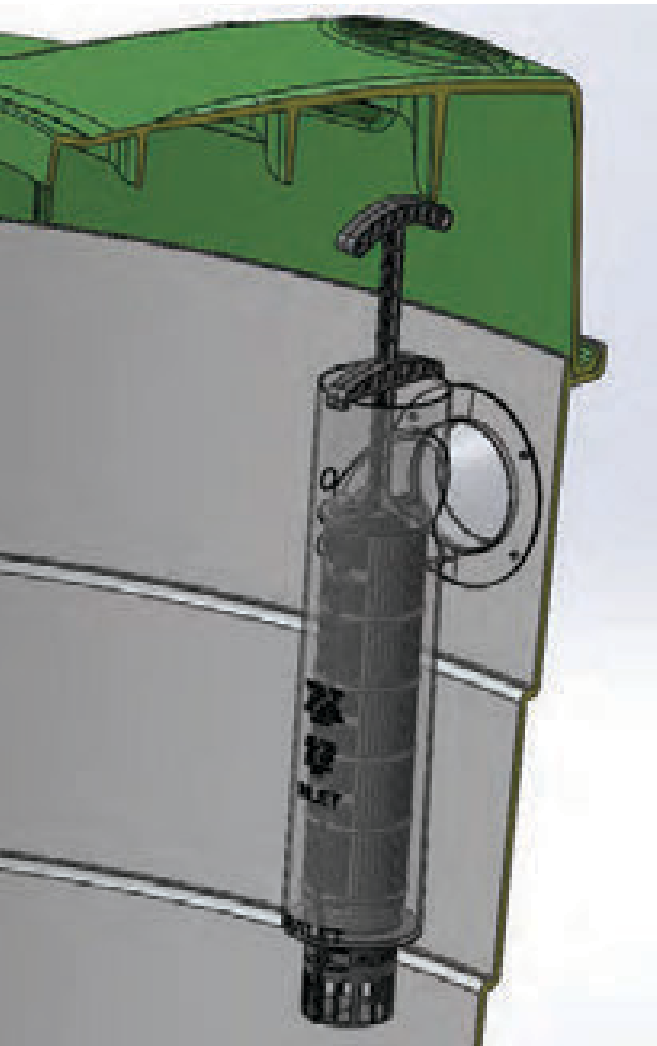
**Septic Tank -
Outlet Junction Filter**

Product Code: 000997

Weight: 0.5kg

Features & Benefits:

Prolong the life of your trench by filtering your water.



ISO TYPE 5

CERTIFICATE OF CONFORMITY



ApprovalMark International hereby grants:

RELN PTY LTD

14B Williamson Road
Ingleburn, NSW 2565
AUSTRALIA

ISO Type 5 Certificate of Conformity

Evaluated to:

AS/NZS 1546.1:2008 – On-site domestic wastewater treatment units – Septic Tanks

The ISO Type 5 License shall comply with all the terms and conditions as stipulated by the governance of the operating rules of the ISO Type 5 Scheme and shall comply with the standard requirements at all times including when the standard is amended. The ISO Type 5 License only covers the product which is identified in the attached product schedule.

Certificate No. AMI 1651

Issued: 7th July 2022

Current Certification: 7th July 2022

Expires: 7th July 2025

John PRASAD

Director

ApprovalMark International Pty Ltd
18/33 Holbeche Road, Amdell Park 2148, Australia
www.approvalmark.com



Registered by: ApprovalMark International Pty Ltd (ABN 69 143 259 974) Unit 18, 33 Holbeche Road, Amdell Park NSW 2148 Australia. The assessment was carried with appropriate skill and assessment by ApprovalMark International Pty Ltd, however it will only accept its responsibility for proven negligence. The certificate remains the property of ApprovalMark International Pty Ltd.

ApprovalMark™

Approvals:

RELN Standard Mark Licence AS/NZS1546.1
NSW Approval
NT Approval
QLD Approval
SA Approval
TAS Approval
VIC Approval
WA Approval

Associations:

Master Plumbers
AS/NZS 1547:2012

Septic Care:

NSW Dept Local Govt (The Easy Septic Guide)
WA Department of Health (Understanding Septic Tank Systems)
VIC EPA (Installing Operating and Maintaining Septic Tanks) TAS
(Septic Tank Systems)
SA Health (Maintenance of Septic Tank Systems)

RELN

A series of horizontal dotted lines for writing notes.

RELN
BLACKWATER

**THE ORIGINAL RAIN DRAIN TRENCHING.
STILL THE BEST.**



Jumbo

H: 410 W: 540 L: 1520mm Long

Large

H: 350 W: 535 L: 1520mm Long

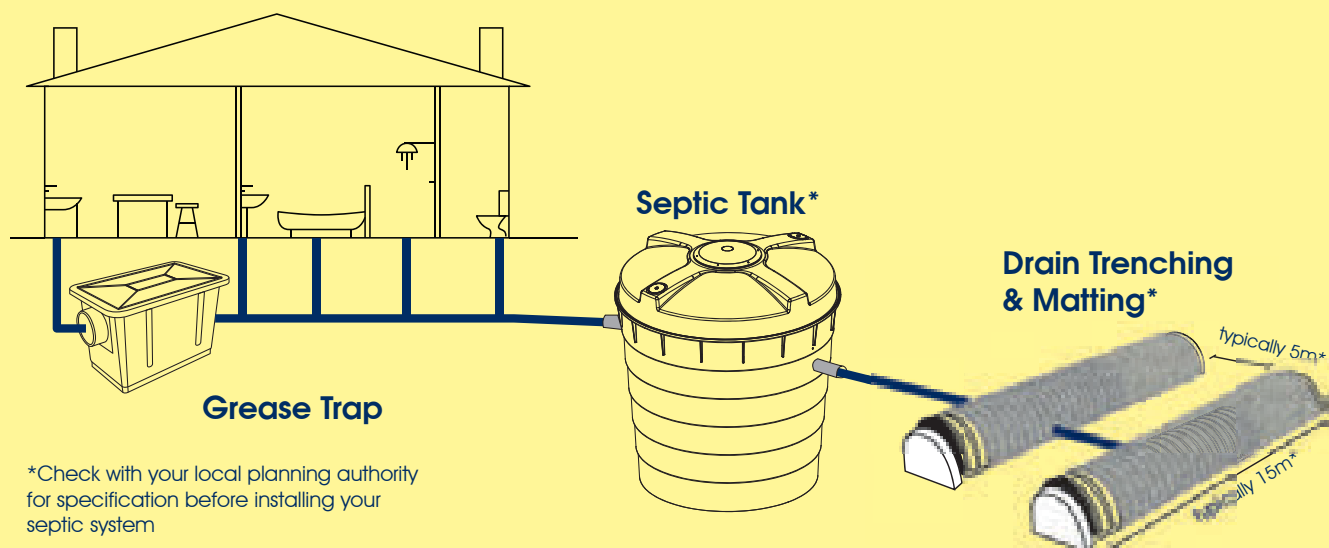
Standard

H: 230 W: 515 L: 1520mm Long

RELN Drain Trenching

- S1547 Disposal Method Approved by health authorities in all Australian States and New Zealand
- Ideal for septic effluent, sullage waste or stormwater
- End caps for each size
- Australian Made out of tough, durable recycled plastic
- AS1547 requires RELN Drain Matting to be used when installing RELN Drain Trenching with RELN Septic Tanks

Longest Length in the market



*Check with your local planning authority for specification before installing your septic system

F Foundation **L** Landscape **Y** Yard

Blackwater Products

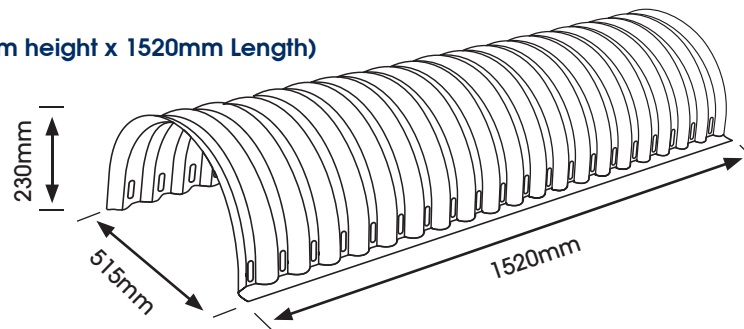
RELN.com.au



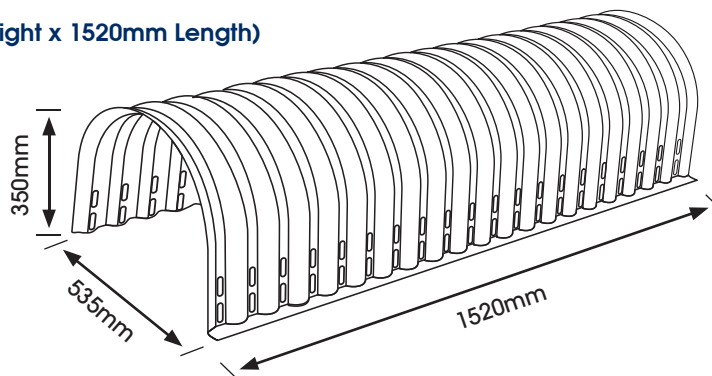
RELN Drain Trenching

RELN Drain Trenching was launched in 1968, and represented a breakthrough in trenching. The current range is made in Australia from strong and durable recycled plastic, and is available in three sizes, to suit every soil type. Ideal for septic effluent, sullage waste or stormwater.

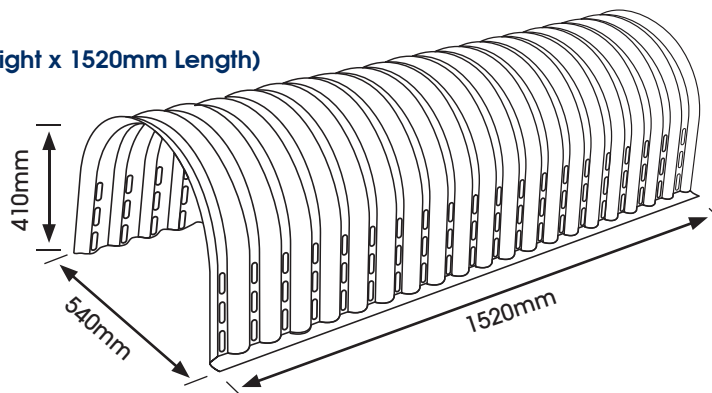
- > **Standard**
(515mm width x 230mm height x 1520mm Length)



- > **Large**
(535mm width x 350mm height x 1520mm Length)



- > **Jumbo**
(540mm width x 410mm height x 1520mm Length)



- AS1547 Disposal Method Approved by health authorities in all Australian States and New Zealand
- Ideal for septic effluent, sullage waste or stormwater
- End caps for each size
- AS 1547 requires RELN Drain Matting to be used when installing RELN Drain Trenching with Septic Tanks

Display: Flyer Available

> Frequently Asked Questions

Q1. What size RELN Trenches do you have?

A. Standard 230mm, Large 350mm and Jumbo 410mm

Q2. What accessories can I get for RELN Trenches?

A. End caps and A12 grade drain matting.

Q3. How much trench will I need for my job?

A. Please ask for guidance from your local council, especially when working with effluent disposal



Standard, Large and Jumbo

Standard Drain - 230mm

Product Code: 000877

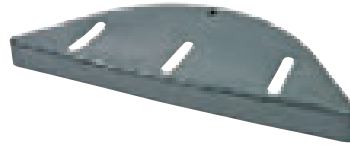
Weight: 2.6kg



Standard Drain - End Caps - 230mm

Product Code: 000891

Weight: 0.2kg



Large Drain - 350mm

Product Code: 000884

Weight: 3.8kg



Large Drain - End Caps - 350mm

Product Code: 000907

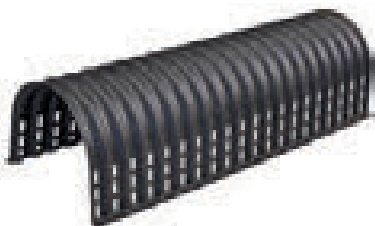
Weight: 0.5kg



Jumbo Drain - 410mm

Product Code: 000890

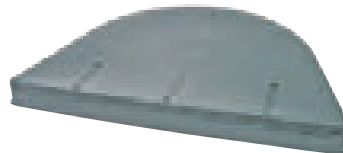
Weight: 4.5kg



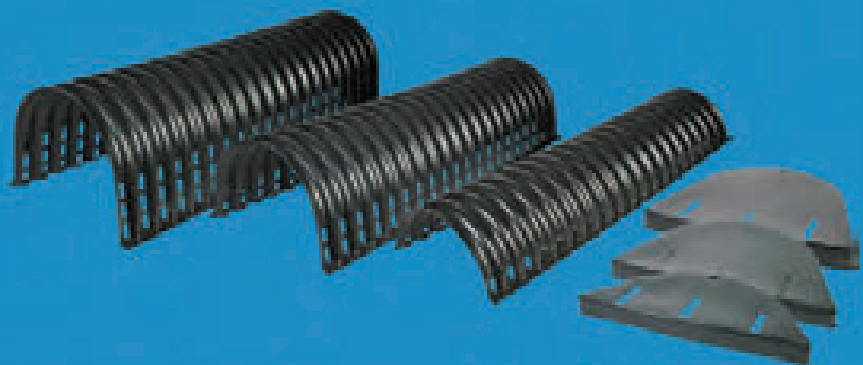
Jumbo Drain - End Caps - 410mm

Product Code: 000895

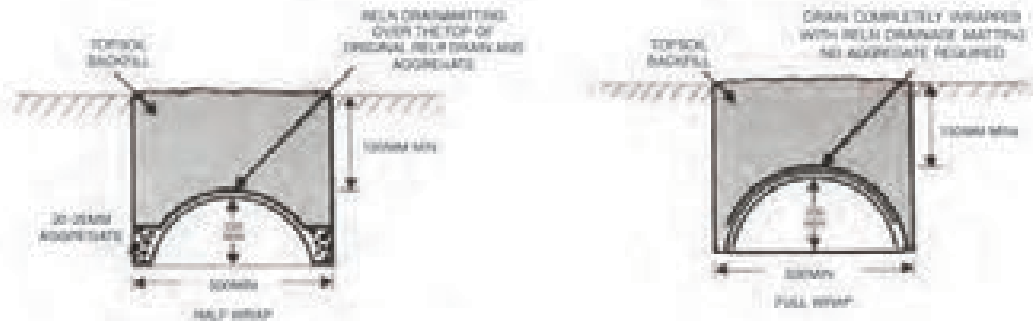
Weight: 0.6kg



The Original Reln
Drain Trenching.
Still the best.



Method of Installations



1. Dig trenches to suit your ReIn Drain installation. Trenches should be level along the contour of the land to provide a uniform loading of liquid to the soil. Trenches must be at least 150 mm deeper than the top of the ReIn Drain and deep enough to allow the required fall for pipework. On sloping land the first trench of ReIn Drain should be fully utilised before overflowing into the next ReIn Drain trench.

2. Where required, cut an inlet hole suitable to accept the 100mm effluent inlet pipe in the top of the ReIn Drain.

3. Completely wrap ReIn Drain in ReIn Drain Matting (2m x 6m pack) and lay ReIn Drain in trench. Ensure each length of ReIn Drain overlaps to join. (Alternative: ReIn Drain can be layed straight into the base of the trench). 20mm-40mm size aggregate laid along outside edge of drain to cover drainage slots then half wrap with ReIn Drain Matting (600mm x 6m pack).

4. Fit ReIn Drain End Caps at each end. Cover End Caps with ReIn Drain Matting.

5. Install inlet pipe to ReIn Drain.

6. Cover trench with topsoil making suitable allowance for settlement.

7. ReIn Drain Matting makes trench or slot drains impervious to external flows. Therefore ReIn Drain Matting can extend the life of your effluent drainage system.

8. Saves time and money, when Original ReIn Drain is completely wrapped in ReIn Drain Matting, aggregate/blue metal is not required.

Always consult your local authorities when installing drainage systems.

Australian Standards 1547 requires matting is used on all effluent disposal systems.

Do not subject to vehicular traffic.



Technical Specifications. Approximate sizes:

	Jumbo (410mm)	Large Drain (350mm)	Standard Drain (330mm)
Height	410mm	350mm	290mm
Length	1520mm	1520mm	1520mm
External Width	500mm	584mm	515mm
Internal Width	460mm	533mm	480mm
Storage Capacity	260 Litres	227 Litres	120 Litres
Weight	21kg per bundle of 5	19kg per bundle of 5	22kg per bundle of 10
	Large End Cap	Large End Cap	Standard End Cap
Height	425mm	385mm	290mm
Width	565mm	585mm	545mm



ReIn Plastics 148 Williamson Road, Ingleburn, NSW 2565
Telephone 02 9605 9999 Fax 02 9605 9222.

RELN
>blackwater



**RELN
BLACKWATER**



RELN Drain Matting

- Ideal for retaining walls and with blackwater RELN Trenching
- No aggregate/blue metal required
- Saves time and money
- Available in an extensive range of lengths and widths

*Check with your local planning authority for specification before installing your septic system

Perfect for use with RELN Drain Trenching (top right), RELN Soakwell (bottom left) and RELN Stretch Drain (Bottom Right)



Available as rolls or single packs

Non-decaying polymer geofabric

F Foundation L Landscape Y Yard

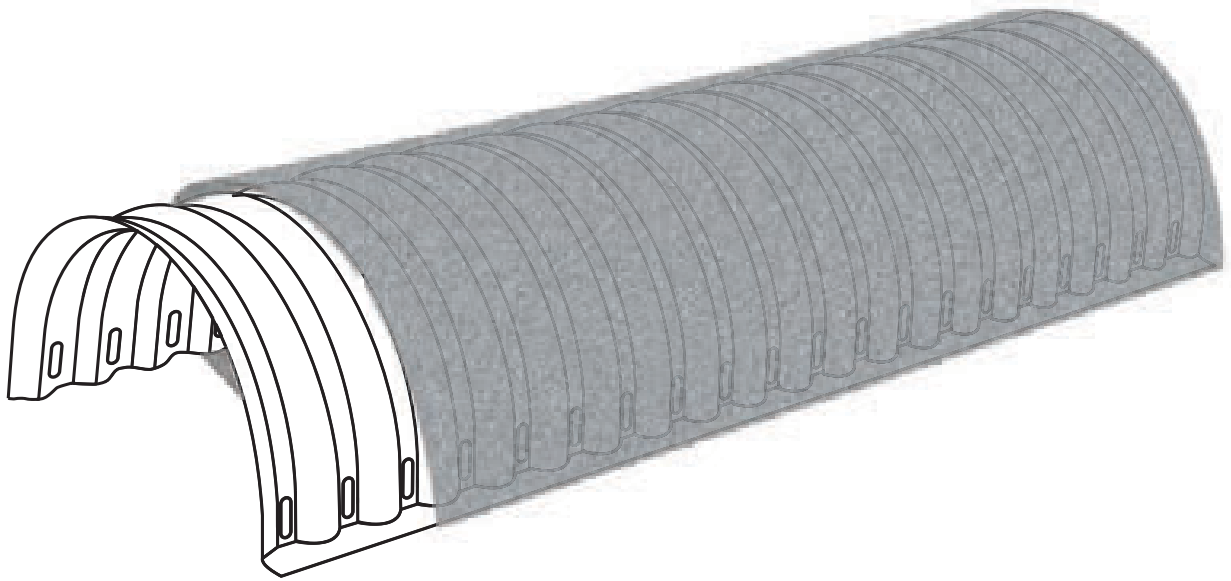
Blackwater Products

RELN.com.au



Drain Matting

RELN Drain Matting is a non-decaying continuous polymer geofabric, designed to be a replacement for applications where heavy, expensive blue metal or aggregate is normally required. Can be used with the original RELN Drain Trenching, absorption trenches and septic tank drainage.



- Ideal for retaining walls
- No aggregate / blue metal required
- Saves time and money!
- Available in an extensive range of lengths and widths
- Available in rolls or as a single pack

> Frequently Asked Questions

Q1. What grade is RELN's Drain Matting?

A. RELN Drain Matting is a GLS150, which is an equivalent of Geofabric Australia's A12.

Q2. What size does Drain Matting come in?

A. RELN Drain Matting comes in a range of sizes, lengths and quantities. See our full range in this product guide.



Drain Matting Single Packs / Drain Matting Rolls

**Drain Matting -
2m x 6m - Single Pack**



Product Code: 001256

Weight: 1.8kg

Available in display
box of 4 units



**Drain Matting -
600mm x 6m - Single Pack**



Product Code: 001249

Weight: 0.3kg

Available in display
box of 12 units



**Drain Matting -
Soakwell Sock - Single Pack**



Product Code: 001245

Weight: 0.1kg

Available in display
box of 20 units



**Drain Matting -
600mm x 50m Roll**



Product Code: 001263

Weight: 4.6kg



**Drain Matting -
1.0m x 50m Roll**



Product Code: 001280

Weight: 7.73kg



**Drain Matting -
1.2m x 50m Roll**



Product Code: 001287

Weight: 9.9kg



**Drain Matting -
2m x 50m Roll**



Product Code: 001294

Weight: 15.5kg



**Drain Matting -
2m x 200m Roll**



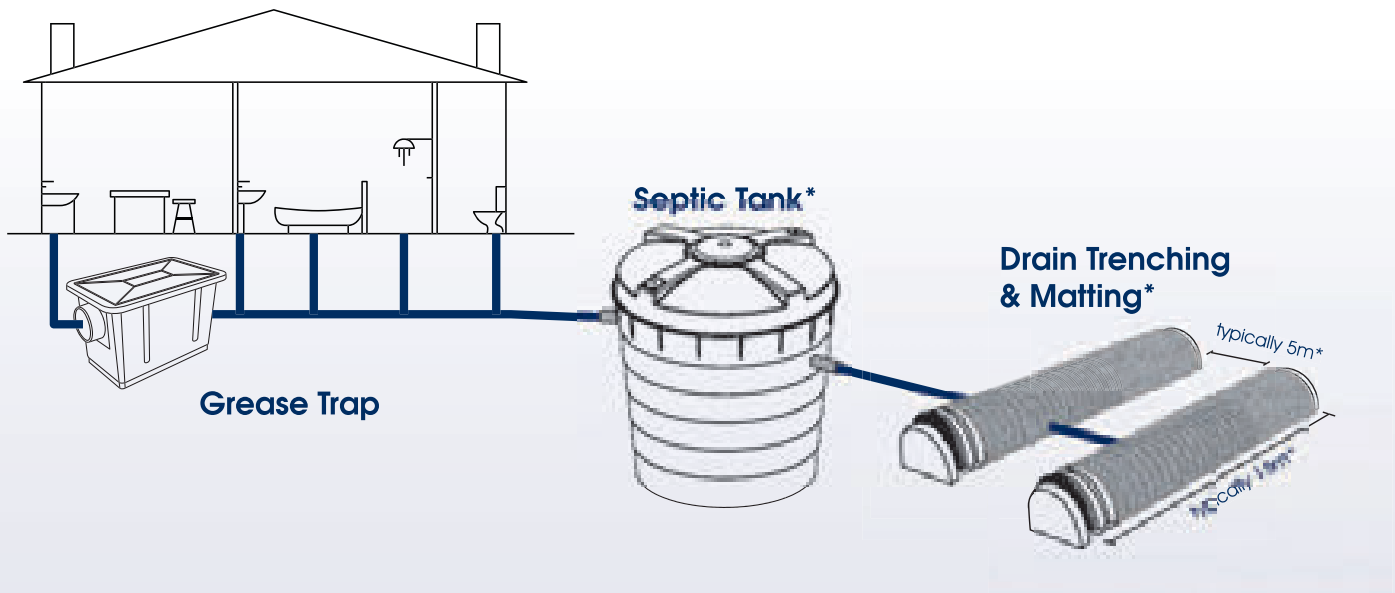
Product Code: 001300

Weight: 60kg

Special Order Only



RELN
BLACKWATER



RELN 18L Grease Trap

- Reduces fats and oils entering Septic Tanks from the kitchen sink
- Suits 100mm AS/NZS1260 DWV uPVC Pipe
- 100mm Inlet Socket
- 100mm Outlet Spigot
- Heavy Duty 10mm thick walls
- 3 Baffles

*Check with your local planning authority for specification before installing your septic system

Install at ground level in a safe, non-traffic area for easy cleaning access

Connects with 100mm PVC sewer pipe with silicone

Components:



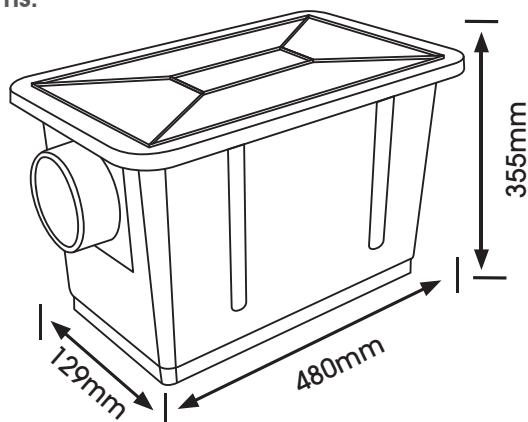


Grease Trap

RELN Grease Trap has been designed specifically for domestic effluent disposal, to reduce fats and oils entering septic tanks from kitchen sinks. Install Grease Trap at ground level in a safe non-traffic area for easy cleaning access, in between kitchen 100mm PVC pipe and Septic Systems.

> Grease Trap
Capacity 18L
480mm x 260mm x 355mm

- Suits 100mm AS/NZS1260 DWV uPVC Pipe
- 100mm Inlet Socket
- 100mm Outlet Spigot
- Heavy Duty 10mm thick walls
- 3 Baffles
- Invert fall of 30mm

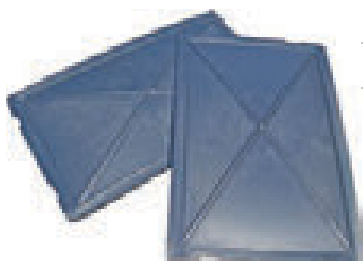


18L Grease Trap

Grease Trap - 18L Baffle Only

Product Code: 000921

Weight: 0.12kg



Grease Trap - 18L Complete

Product Code: 000914

Weight: 6.5kg



Grease Trap - 18L Lid Only

Product Code: 000945

Weight: 1.5kg



Grease Trap - 18L Bin Only

Product Code: 000938

Weight: 4.9kg



> Frequently Asked Questions

Q1. Where is the grease trap used?

A. Grease traps are used before the Septic Tank system, connected to the pipe run from your kitchen. The grease trap reduces the amount of fats and oils entering your Septic Tank.

Q2. Why should a grease trap be used?

A. Fats and oils increase the "Biological load" in a tank and

reduce the ability of anaerobic bacteria to digest the effluent sludge. Fats and oils overflowing into evapo-transpiration trenches is a major cause of trench system failure.

Q3. Does the Grease Trap need to be cleaned?

A. You will need to clean your grease trap regularly. Please contact your local grease trap disposal company for cleaning.

RELN
BLACKWATER



RELN Distribution Pit

- Ensures wastewater output from septic system is equally shared into RELN Drain Trenching
- Internal Stainless Steel Dividers
- Proven injection moulded lid
- Australian Made

Can be used to divide wastewater from septic tanks into RELN Drain Trenching, or surfacewater into groundwater products such as RELN Stretch Drain and RELN Ag-Pipe

300mm riser available

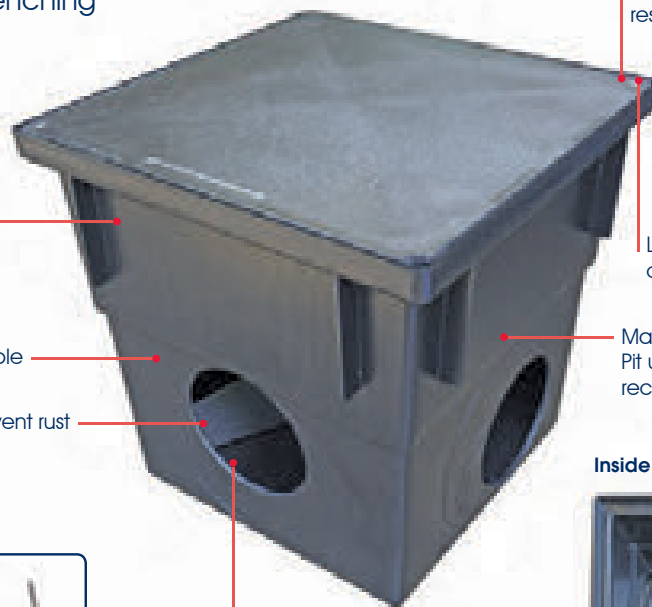
Stainless Steel dividers to prevent rust

Grate perfect for residential areas

Lock down feature on grates

Made from Series 300 Pit using UV-stabilised recycled plastic

Components:



2x Inlets and 1x Outlet
Inlets are higher than outlet

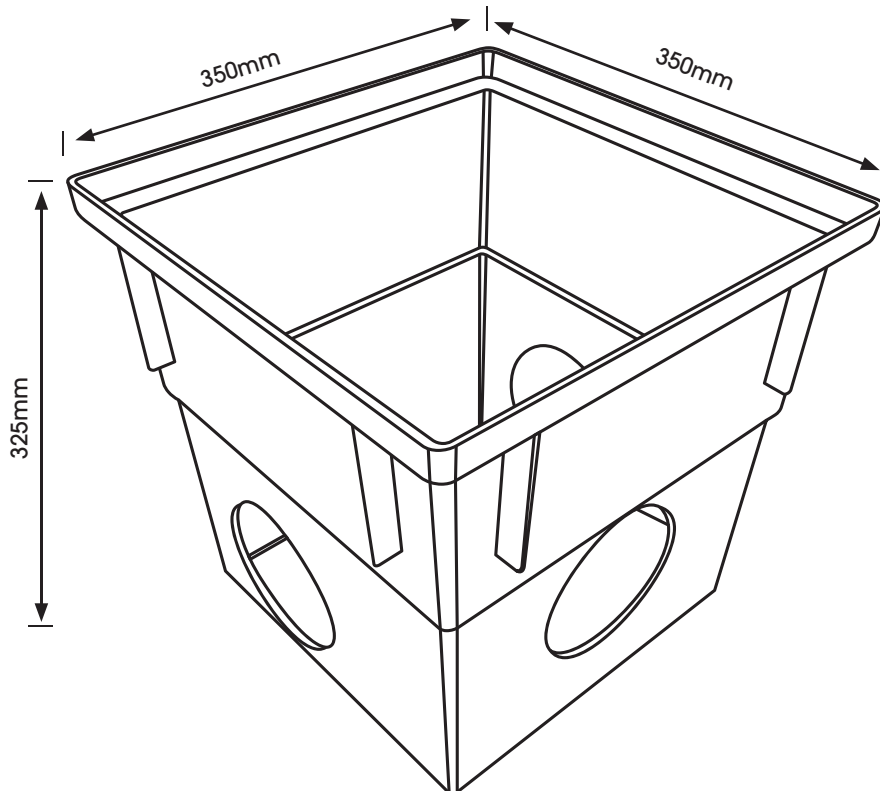
Inside





Distribution Pit

The RELN Distribution Pit is designed to ensure that wastewater output is equally shared, for example, to split wastewater flow from a Septic Tank to an evapo-transpiration trench.



- Internal Stainless Steel Dividers
- Proven injection moulded lid
- Australian made

Grate included (330 x 330 x 20mm); Solid Alloy Lid

Riser: Use RELN Series 300 Pit Riser if greater pipe depth is required.

> Frequently Asked Questions

Q1. What does the Distribution Pit do?

A. The internal dividers in the pit (known as Baffles) ensure that the wastewater output is equally shared.

Q2. What does the Distribution Pit come with?

A. Series 300 pit, Stainless Steel dividers (baffles), Solid Alloy Lid.

Q3. Can you use a Riser for the Distribution Pit?

A. Yes. The RELN 300 Series Risers can be used to achieve greater depth.



Series 300 Distribution Pit complete with Grate

Series 300 Distibution Pit complete with Solid Aluminium Lid



Product Code: 000588

Weight: 3.65kg

Load Rating:
Residential
Light Duty



Series 300 Distribution Pit Base Only



Product Code: 000590

Weight: 3kg



Series 300 Distribution Pit Solid Lid Aluminium Only



Product Code: 001041

Weight: 1.9kg

Load Rating:
Residential
Light Duty



Series 300 Riser - 250mm



Product Code: 001004

Weight: 2kg



RELN Distribution Pit

Can be used to divide wastewater from septic tanks into RELN Drain Trenching, or surfacewater into groundwater products such as RELN Stretch Drain and RELN Ag-Pipe

300mm riser available

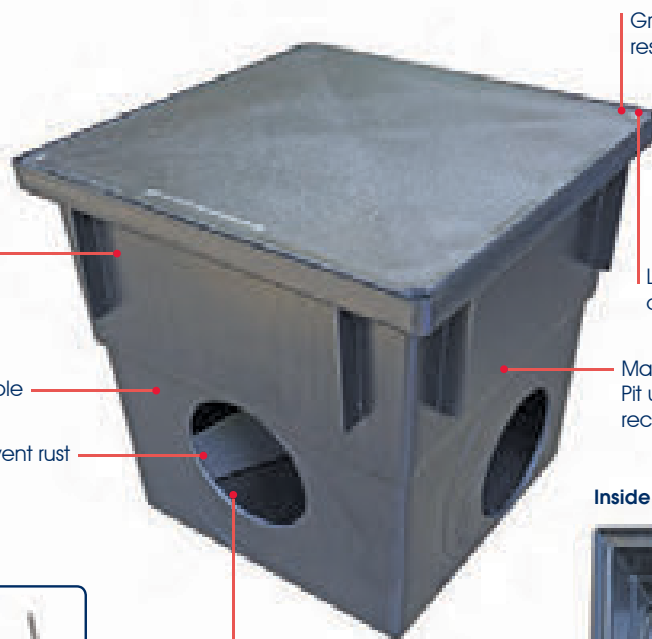
Stainless Steel dividers to prevent rust

Grate perfect for residential areas

Lock down feature on grates

Made from Series 300 Pit using UV-stabilised recycled plastic

Components:



2x Inlets and 1x Outlet
Inlets are higher then outlet

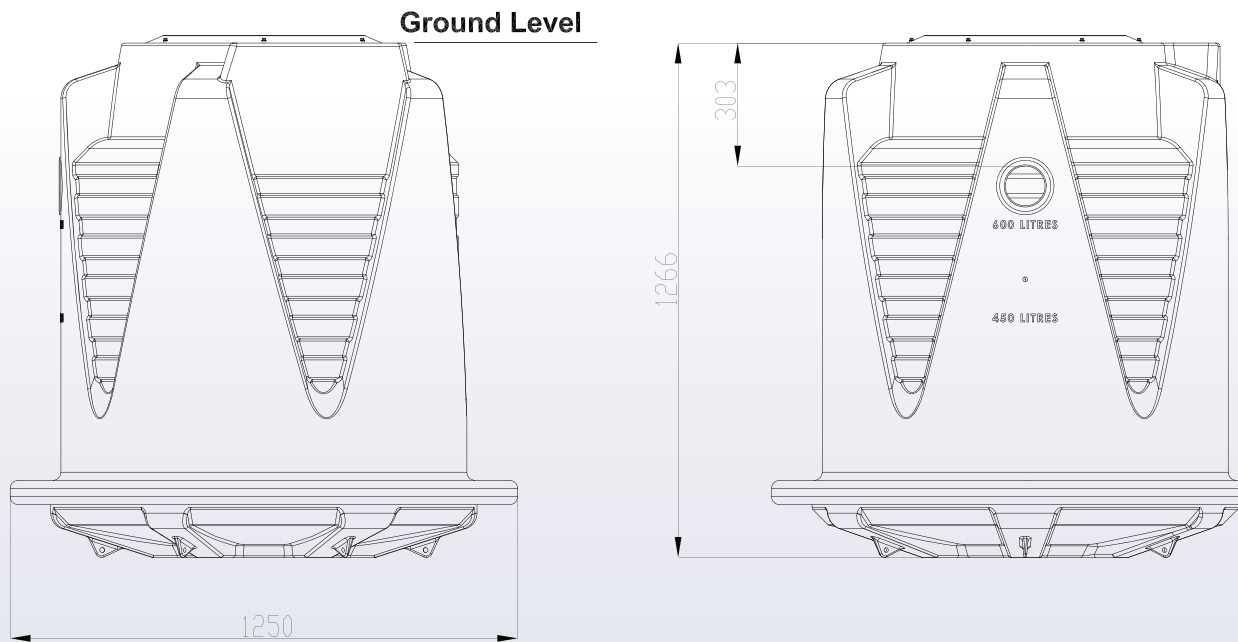
Inside



RELN

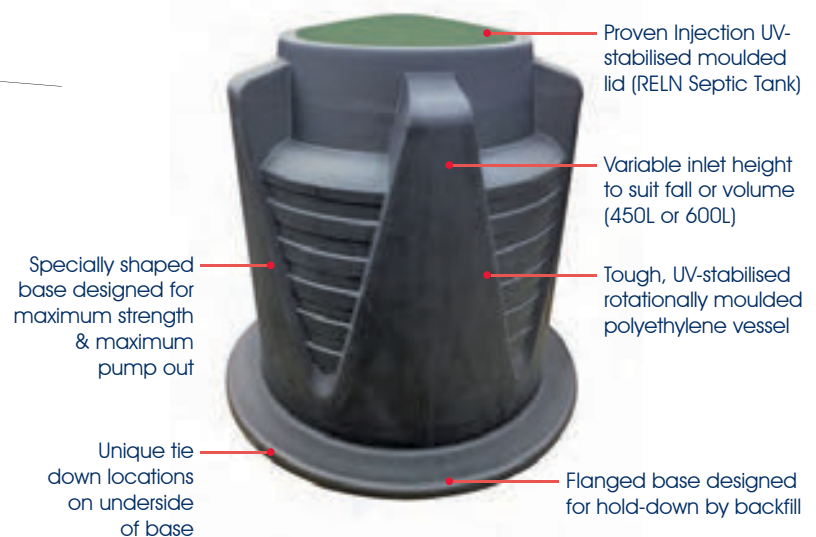
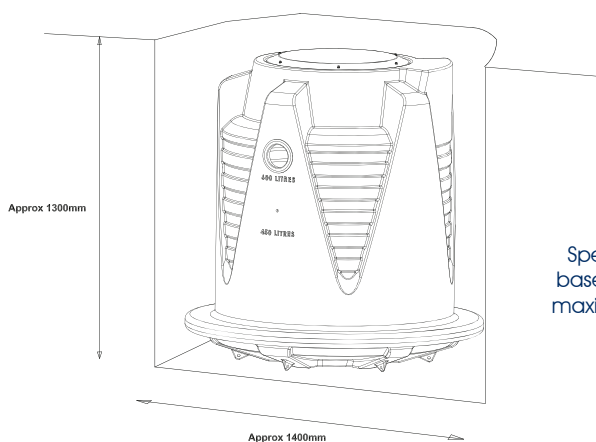
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RELN
BLACKWATER



RELN 600L Pumpwell

- Pumpwell is a housing for black and greywater pumps
- Designed to pump wastewater in domestic systems where flow in the pipe is required to be pumped to a higher location
- 600L capacity (minimum requirement for NSW)
- Approved to requirements of Australian Standard AS/NZS1546.1



F Foundation L Landscape Y Yard

Blackwater Products

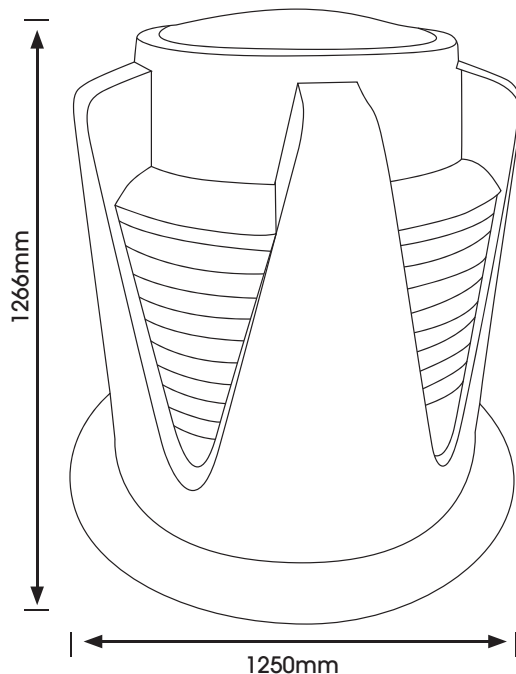
RELN.com.au



Pumpwell

RELN Pumpwell is a housing for Black and Grey water pumps, designed to pump wastewater in domestic systems where the flow in the pipe is required to be pumped to a higher location.

> Pumpwell (1266mm height x 1250mm diameter)



Pump Well

Pump Well - 600 Litre

Product Code: 000836

Weight: 45kg



9 319022 008361

- 600L Capacity (Minimum requirement for NSW)
- Approved to requirements of Australian Standard AS/NZS1546.1
- Tough UV stabilised rotationally moulded polyethylene vessel
- Proven Injection UV stabilised moulded lid (RELN Septic Tank)
- Size 1266 mm high x 1250mm diameter
- Easy 100mm PVC Sewer pipe connection via Pipe seal Gasket
- Variable inlet height to suit fall or volume required (between 450L and 600L). Simply drill to desired height in marked positions
- Flanged based designed for hold-down by backfill
- Unique tie down locations on underside of base suit attachment with reo bar set in concrete base for higher water table areas
- Specially shaped base designed for maximum strength and maximum pump out

Range: Base, Manhole Cover, Screws 10g Self Tapping, Uni-Seal gasket ring

Display: Brochure available.

> Frequently Asked Questions

Q1. What size hole do I need to dig to fit my Pumpwell?

A. Approximately 1400mm width by 1300mm height.

Q2. Do you bury the tank lid?

A. No. The manhole cover must be finished at normal ground level for ongoing Pumpwell inspection and maintenance.

Q3. Where can I place my Pumpwell?

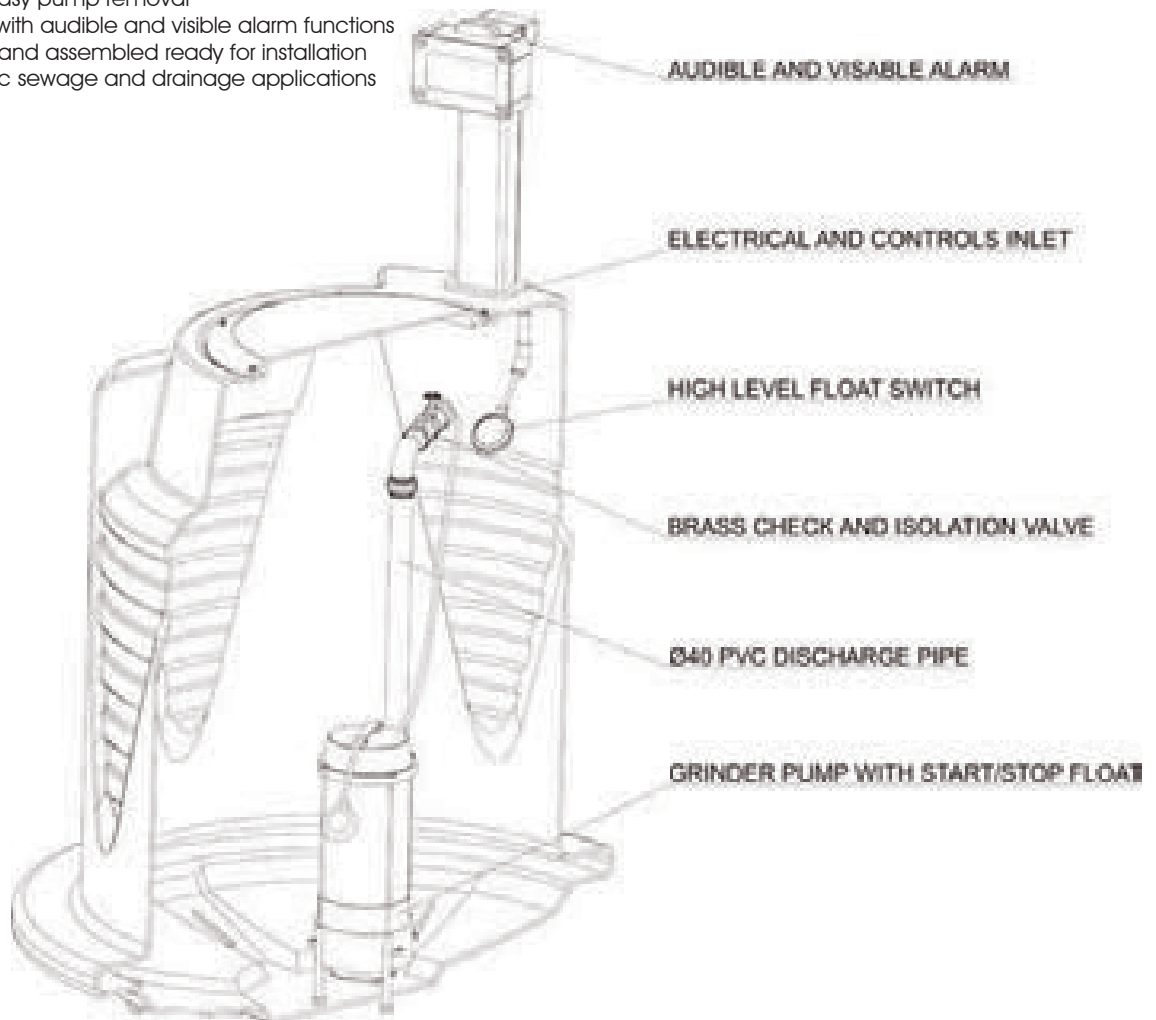
A. Please contact your local council for placement advice. Pumpwell should never be placed near trafficable areas, building foundations, farms animals or livestock.



Pump Station

RELN Pump Station tanks are designed to take Black and Greywater tanks with flexibility to the next level.

- Heavy Duty Roto-molded 600L polyethylene
- Bianco B120GS2 grinder pump with automatic control
- Complete with 40mm discharge piping, valves and fittings including brass gate and swing check valve and barrel union for easy pump removal
- High level alarm with audible and visible alarm functions
- Australian made and assembled ready for installation
- Ideal for Domestic sewage and drainage applications



Pump Station Grey Water
- 600 Litre

Product Code: WESPPS-GW

Weight: 95kg



Pump Station Sewage
- 600 Litre

Product Code: WESPPS-S

Weight: 95kg



TERMS AND CONDITIONS OF SALE AGREEMENT

The Customer set out in the Reference Schedule (Customer) has requested RELN Pty Ltd (ABN 68 003 197 108) (Reln) to supply goods and services (Goods) on the following terms and conditions:

General

The Goods sold by RELN to the Customer are sold on these terms and conditions. Nothing in these terms and conditions, however, shall be construed as affecting any rights the Customer may have under the **Competition and Consumer Act 2010** (Cth) and any relevant State or Territory Legislation which gives the Customer rights and remedies which cannot be modified or excluded.

Acceptance

The Customer acknowledges that it has been made aware of these terms and conditions, by either signing them or having them delivered in writing. These terms and conditions are deemed to be accepted on the earlier of the signing of these terms and conditions or when the Customer proceeds with an order with RELN.

Orders

RELN will only supply Goods upon receipt of an official written purchase order from the Customer. Orders may only be cancelled with RELN's written consent, on terms, which will reimburse RELN for any costs or loss (including but not limited to loss of profit) incurred. RELN may approve or reject a purchase order at its discretion.

Custom Moulding

Where the Customer has engaged RELN to manufacture Goods as a Custom Moulder, RELN will manufacture to the minimum order quantities quoted, and RELN reserves the right to vary the quantity manufactured from the Customer's original order quantity by up to plus or minus 10%. RELN will not take action to order Goods from suppliers on any account prior to receipt of the Customer's written purchase order. RELN will advise a lead time for the order, but will not be liable for any lead-time for supply of any local or imported raw materials.

Where the Customer engages RELN to supply plastic injection moulded Goods on a Custom Moulding basis, the Customer will supply RELN with all required tooling and will at its own expense insure and keep insured the tooling while in the care and custody of RELN. The Customer will supply RELN with tooling which is in a condition capable of producing the Customer's product specification for the Goods. Where required, RELN may arrange to have the tooling repaired at the Customer's expense to return the tooling to a condition capable of achieving the Customer's specification for the Goods. All jigs and fixtures, tool fittings, repairs and or modifications supplied by RELN, shall be charged directly to the Customer's account. The Customer agrees to pay Reln for all costs associated with tooling trials based upon an hourly rate as quoted for machine, labour, materials and technicians. The Customer agrees all tooling, jigs and fixtures shall remain in the care, custody and control of RELN until all outstanding payments owed by the Customer to RELN are paid in full and therefore RELN will hold a lien over those items until such time as it is paid in full by the Customer on all accounts.

Information and Drawings

All descriptive specifications, illustrations, drawings, dimensions, weights and data supplied by RELN or otherwise available in brochures, price lists or other written or electronic media are approximate only, intended to provide general information which is subject to alteration without notice. It is the Customer's sole responsibility to determine the products suitability for the Customer's intended application and RELN will not be liable to the Customer under any circumstance in that regard.

Price

The price charged shall be RELN's price as supplied in writing and charged to the Customer's account at the price current for the date of delivery. Unless otherwise stated or advised by RELN, RELN's price offers or quotes are valid from notification for a period of thirty (30) days. All prices are subject to variation, at RELN's discretion, whether by annual % increase by Sydney CPI, by material price variation directly incurred by RELN or other method as deemed suitable by RELN at its absolute discretion. RELN reserves the right to add a surcharge for orders placed that are of less than a minimum order value. RELN reserves the right to alter agreed Custom Moulding pricing subject to tooling trials. All prices offered are net and exclude GST or any other government imposts. Should such charges become applicable they will be charged to the Customer's account.

Payment

Unless otherwise specified in an invoice issued by RELN, payment for the Goods shall be made by the Customer to RELN no later than the 30th day of the month following the month in which the Goods were delivered. The Customer must pay all invoices in full and shall not withhold payment or make deductions from the full amount for any items such as but not limited to rebates, claims, part claims or transaction costs.

The Customer agrees to indemnify RELN against all costs and expenses incurred by RELN in recovering payment owing by the Customer to RELN. If all or any part of the payment due to RELN by the Customer, is not made by the due date, RELN shall be entitled to charge the Customer interest on the amount outstanding, which shall be calculated at the margin of 5% per annum, above the Westpac Business Overdraft rate then charged, from the due date to the actual date of payment. The Customer also acknowledges that RELN may list the Customer as a defaulter with a relevant credit reporting agency should the Customer fail to settle any outstanding amount.



Credit

RELN will determine the credit limit (if any) for the Customer. RELN reserves the right to vary the credit limit or terminate a credit arrangement without giving prior notice. The Customer will indemnify RELN for any damage or loss suffered from any variation or termination of the Customer's credit limit. If RELN does not receive payment in full by the due date, then RELN may without notice place the Customer on Stop Credit and suspend supply of Goods until payment including any applicable interest charge is received in full and the Customer cannot make any claim (of any nature) if RELN elects to do so.

Risk and title

The risk in the Goods will transfer to the Customer upon delivery to the Customer or upon delivery to the Customer's nominated carrier, whichever occurs earlier, or where Goods are stored as agreed on behalf of the Customer, at the time Goods are transferred to RELN's storage area.

Ownership of, and title to, the Goods will remain with RELN until such time the Customer has paid all amounts owing for the particular Goods to RELN and met all other obligations due to RELN pursuant to these terms and conditions.

Personal Property Security Interests

The Customer acknowledges and agrees that under this clause RELN has a Security Interest for the purposes of the *Personal Property Securities Act 2009* (Cth) (**PPS Act**) in the Goods and any proceeds until payment is received in full by RELN and which includes a purchase money security interest (**PMSI**) as defined by the PPS Act. The Customer acknowledges and agrees that this agreement constitutes a Security Agreement and that under this agreement the Customer grants Security Interests to RELN including without limitation, a retention of title in respect of the Goods and secondly, a charge over the Goods. A PMSI has attached to all Goods supplied now or in the future to the Customer and the Customer agrees that the attachment of the PMSI has in no way been deferred or postponed.

If the Goods are used by the Customer in any way, or sold by the Customer, the Customer must hold such part of the proceeds of any such sale as represents the invoice price of the Goods sold in a separate identifiable account as the beneficial property of RELN, until payment in full for the Goods is made to RELN.

The Customer acknowledges that RELN may perfect its Security Interests by lodging a financing statement on the Personal Property Securities Register established under the PPS Act and acknowledges that the Security Interest over the Goods (and the proceeds) is a PMSI under the PPS Act to the extent that it secures payment of the amounts owing in relation to the Goods. The Customer will do anything reasonably required by RELN to enable it to register the Security Interest, with the priority RELN requires, and to maintain the registration. The Customer also irrevocably and unconditionally grants RELN, its agents and servants, leave and license to enter any premises occupied by the Customer without liability for any trespass or any resulting damage and retake possession of the Goods. The Customer expressly agrees to contract out of the enforcement provisions referred to at sections 115(1)(a) to (r) (inclusive) of the PPS Act and waives its right to receive a copy of any financing statement or any financing change statement, verification statement and/or notice in relation to a registration event under the PPS Act in respect of the Security Interest created by these terms and conditions.

Delivery

RELN will advise its best estimate for delivery date and shall not be held liable for late or non delivery. RELN reserves the right to choose the method of transport and to make delivery by instalments if required.

Unless otherwise stated in writing, Goods are supplied free in store (FIS) to the metropolitan areas of either, Adelaide, Melbourne, Sydney, Newcastle, Wollongong, Brisbane, Gold Coast, Sunshine Coast, Canberra, Perth, Townsville, Darwin and Hobart. For delivery outside these areas, RELN will deliver to the Customer's nominated transport depot in the said metropolitan areas, with freight costs and insurance from that point on being the responsibility of the Customer, otherwise, the Customer authorises RELN to make arrangements on its behalf with the Customer's nominated carrier for delivery of Goods, to the Customer's nominated delivery address, at the Customer's expense and risk.

Unless otherwise stated in writing, the Goods will be packed in accordance with RELN's customary standard of packing. Any special packaging required by the Customer shall be specified by the Customer or if deemed necessary, specified by RELN, such specified packaging shall be charged for at the Customer's expense.

Force Majeure

RELN shall not be responsible for any failure to fulfil any term of these terms and conditions if fulfilment has been delayed, curtailed or prevented by any circumstances whatsoever which are outside of RELN's control, or due to failure of RELN's machinery or failure of a supplier of RELN.

Claims

Claims of non-receipt, quality or short shipment of Goods must be received by RELN in writing within seven (7) days from the date of delivery or date of notification of product being ready for shipment. RELN is not obliged to process a claim if received after this seven (7) day period. RELN will not accept any Goods returned for credit without prior written approval from RELN. Goods returned for credit (if accepted by RELN) must be in original condition, are returned at the Customer's cost and will be subject to a handling charge and minimum restocking fee of 15%.



Limitation of Liability

The Customer acknowledges that it has not relied on any representation or warranty made by or on behalf of RELN, except for those required or implied by legislation. RELN's liability for a breach of a condition or warranty is limited to, in the case of Goods, the replacement of the goods, the payment of the cost of the Goods, the repair or cost of repair the Goods or the supply or the cost of supply of equivalent Goods and in the case of services, supplying the service again or payment of the cost of having the service supplied again. Except to the extent the law provides that liability is not able to be excluded, RELN is not liable for physical, or financial injury, loss or damage or for consequential loss (including but not limited to liquidated damages, loss of business, loss of contract, loss of production, loss of profits or goodwill, loss of revenue, loss of opportunities or legal costs) or damage of any kind arising directly or indirectly in respect of the Goods, any services supplied by RELN or the failure of RELN to comply with these terms and conditions.

Intellectual Property Rights

The patent, registered design, trademark and copyright rights held by RELN and relating to Goods offered or supplied by RELN shall remain the absolute intellectual property of RELN and such intellectual property shall not be reproduced or disclosed without RELN's written consent. It is specifically agreed by the Customer that purchase of the Goods does not confer on the Customer any licence or rights to the intellectual property and the Customer shall not use any intellectual property of RELN to the advantage of the Customer nor to the detriment of RELN.

The Customer warrants that any design or instruction furnished to RELN shall not be such as will cause RELN to infringe any patent, registered design, trademark or copyright or involve the unauthorised disclosure of confidential information in the execution of the Customer's order and the Customer agrees to indemnify RELN against any infringement or threatened infringement or allegation of unauthorised use of patents, registered designs, trademarks, copyright or confidential information arising out of the manufacture or use of the Goods.

Conflict

Where any conflict exists between any other agreement between the Customer and RELN and this agreement, this agreement prevails.

Personal Guarantee by Director(s)

This clause applies where the "Customer" named in the Reference Schedule is a company. Each Director set out in the Reference Schedule (**Guarantor**) personally irrevocably and unconditionally guarantees to RELN the due and punctual payment of all monies by the Customer to RELN and the performance of all the obligations undertakings and provisions contained in or implied by these terms and condition on the Customer.

The Guarantor irrevocably and unconditionally indemnifies RELN against all costs, expenses, damages and losses suffered or incurred by RELN as a result of any failure by the Customer to pay in a due and punctual manner any monies in accordance with these terms and conditions or any breach of any of the covenants and conditions contained in or implied by these terms and conditions on the Customer and/or the Guarantor. Each Guarantor charges its rights, title and interest in any real property owned by him or her in favour of RELN to secure their obligations under these terms and conditions and which gives RELN a right to lodge a caveat over any such property.

If there is more than one (1) Guarantor, then these terms apply to each of them severally and jointly. The guarantee and indemnity in this clause continues to apply despite the Customer becoming insolvent or due to any other act or thing.

Variation

Any agreed variation between the Customer and RELN shall be in writing and signed by an authorised officer of the Customer and of RELN. RELN reserves the right to review and alter these Terms and Conditions Of Sales from time to time.

Assignment

The Customer must not assign, transfer or otherwise deal with its rights and obligations under these terms and conditions without the prior written consent of RELN. RELN may assign, transfer or otherwise deal with its rights and obligations under these terms and conditions by providing notice in writing to the Customer.

Governing Law

This agreement is made in New South Wales and the Customer agrees that supply of the Goods by RELN to the Customer and these terms and conditions will be governed by the laws of New South Wales, Australia.

RELN



For further information on all RELN products, visit www.reln.com.au

Call: 1300 137 356

Email: sales@reln.com.au

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We thank you for supporting
Australian Businesses and Manufacturing

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