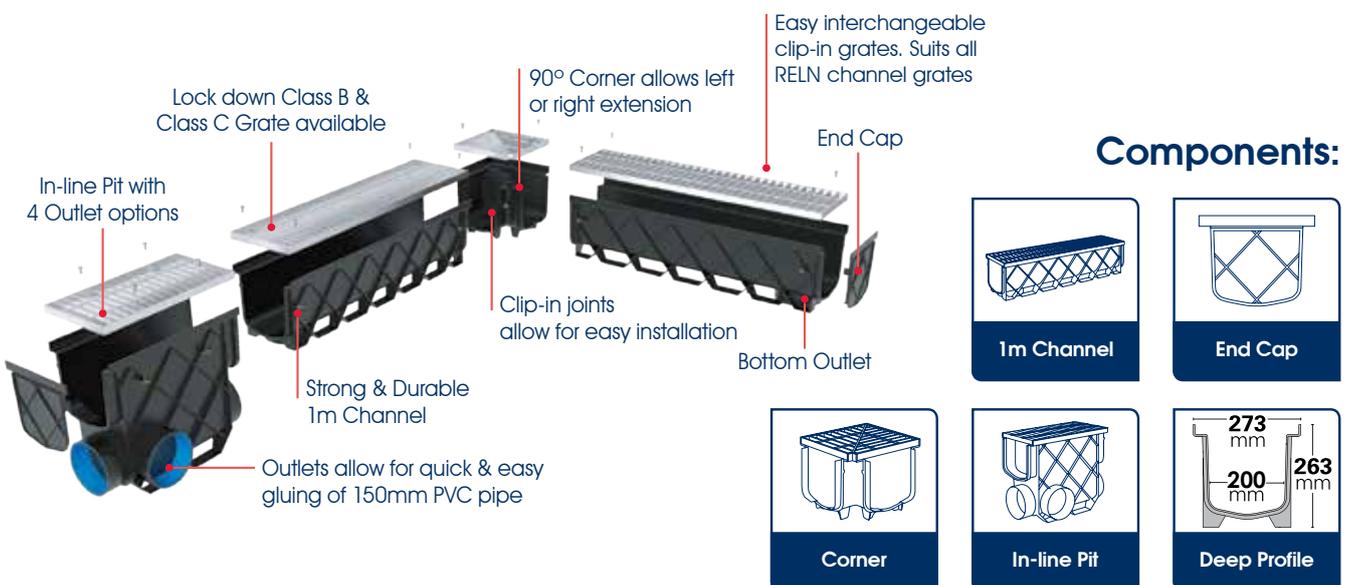




Commercial Sized Drainage

- 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

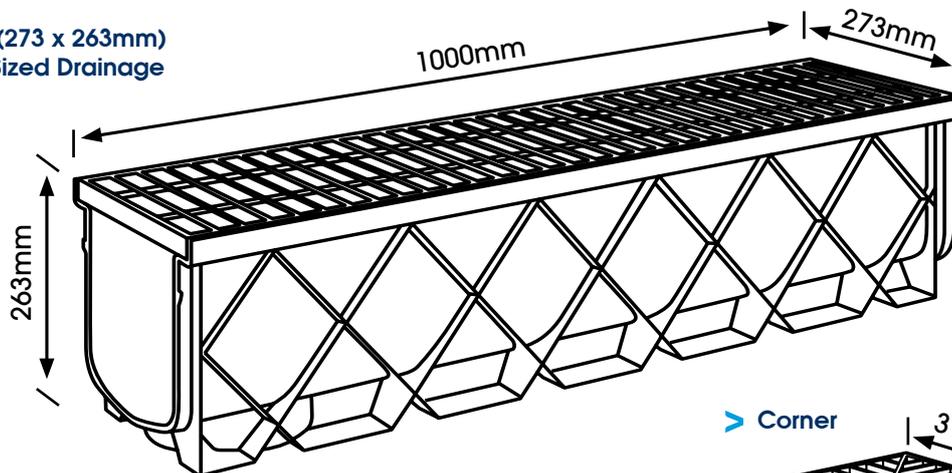




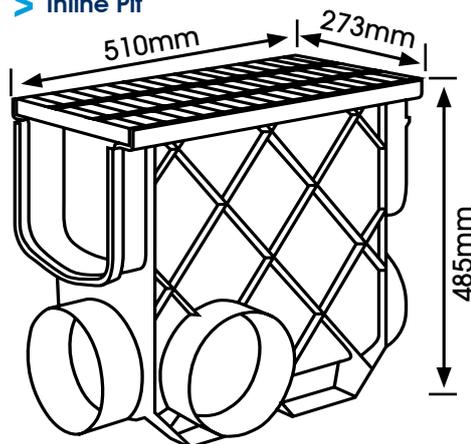
Storm Master - Commercial Sized Drainage

RELN Storm Master commercial drainage has been created specifically for heavy-use commercial applications, where heavy surfacewater 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.

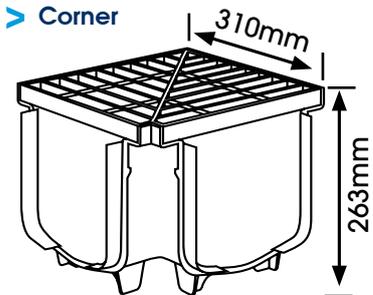
> Storm Master (273 x 263mm) Commercial Sized Drainage



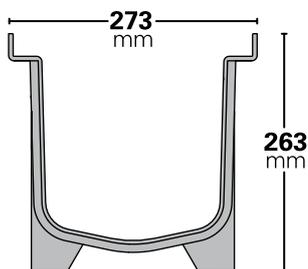
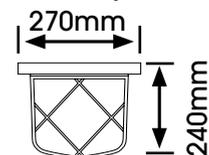
> Inline Pit



> Corner



> End Cap



- Ideal for collection of high surfacewater 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



9 319022 001522

**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



9 319022 255093

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



Product Code: 000156

Weight: 4.15kg

Load Rating:
CLASS > B

2670kg Medium Duty



9 319022 001560

**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



9 319022 255062

Storm Master - End



Product Code: 000153

Weight: 0.2kg

Load Rating:
N/A



9 319022 001539

**Storm Master -
Corner Base Only**



Product Code: 000159

Weight: 0.75kg

Load Rating:
N/A



9 319022 001591

**Storm Master - Base Only
Inline Pit**



Product Code: 000158

Weight: 3.1kg

Load Rating:
5 Tonne in Concrete



9 319022 001584

**Storm Master - 1m
Base Only**



Product Code: 000157

Weight: 3.14kg

Load Rating:
N/A



9 319022 001577



POS Material for RELN - Storm Master Hang Pad

Product Code: 002881



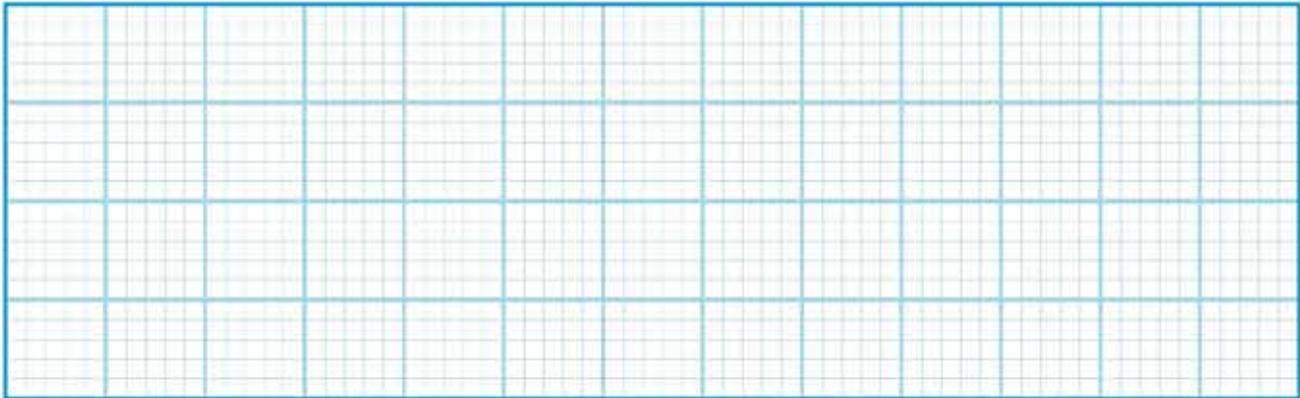
Class Loading Table

	Class Loading	Typical Use	Nominal Wheel Loading kg	Serviceability Design Load kN	Ultimate Limit State Design Load kN
	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

RELN

DIY 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 Master®



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