

GATIC

DRAINAGE & ACCESS COVERS



Gatic Kerbdrain Overview Brochure

ALUMASC

WATER MANAGEMENT SOLUTIONS



The Light weight Gatic Kerbdrain range of products conform to manual handling regulations, cutting out the cost of any mechanical handing equipment. Installation time is exceptionally quick on the whole Gatic Kerbdrain System, as well as reducing the RISK of personal injury.

Reputation built through innovation

The Gatic Kerbdrain product range has proven to be one of the lightest, and robust units on the market.

We have now been able to develop a method of manufacturing the Gatic Kerbdrain unit as a single, solid and monolithic system. Compared to the two part systems previously on the market. Improvements have also been made to the mix of recycled plastic content used which in the past would have been considered non-recyclable and destined for landfill.



Features & Benefits



Environmentally Friendly

Made with up to 70% Recycled material, every 500mm long unit is made from 199 plastic bottles, caps & closures

Lightweight

Each Gatic Kerbdrain component has been designed to be installed manually. The standard unit weighs only 7kg.

Strong and Robust

The material used in manufacture is exceptionally strong and complies with BS EN 1433:2002 Group 3 kerb side installations

(load class C250kN) and HIGHWAY AGENCY IAN117/08 Rev 2 Group 4 (load class D400kN). The product has the added advantage over traditional materials in offering exceptional strength and improved impact resistance provided it is installed correctly and to our specification.

Improved Performance

The Gatic Kerbdrain has been designed to an increased performance. Our single 305mm depth unit achieves 50% greater capacity than most other 305mm deep systems on the market. Providing cost effective solutions whilst maintaining high performance.

Chemical Resistance

The product is resistant to all forms of effluents found in highway situations such as road-salts, petrol, diesel etc.

Aesthetics

Gatic Kerbdrain, through a policy of material and process development, has a finish almost identical to a standard concrete kerb. Further large investment in new tooling and production techniques has allowed for improved aesthetics over the original product.



Retail Parks & Drive-throughs

Drive throughs and retail parks need unobtrusive but effective drainage to maintain an attractive environment. Looks, style and performance are all important characteristics for these projects.



Highways and Motorways

Highways and motorways are under constant strain from heavy traffic and vehicles of various sizes. It's important the surface drainage can manage large volumes of rainfall so that the road remains free and safe from excess water.

High impact resistance is also a key requirement in areas where impact from moving vehicles is likely.



Distribution Yards and Industrial Units

Distribution yards and industrial units typically have large surface areas. Kerbdrain provides boundary to a site whilst encapsulating an efficient drainage system, and is often used alongside a high capacity linear Slot Drain in this application.



Car Parks

In car parks, slow turning traffic and a constant flow of vehicles make for a demanding and harsh environment for any surface water drainage system. Strength and durability of the Kerbdrain system are essential in these high traffic areas.



Residential

A continued rise in housing development has placed an emphasis on how rainwater is collected and managed in an effective yet unobtrusive manner. Gatic Kerbdrain manages surface water from the road and surrounding areas and offers its robust properties which protect against large volumes of traffic from vehicles that can vary in size.

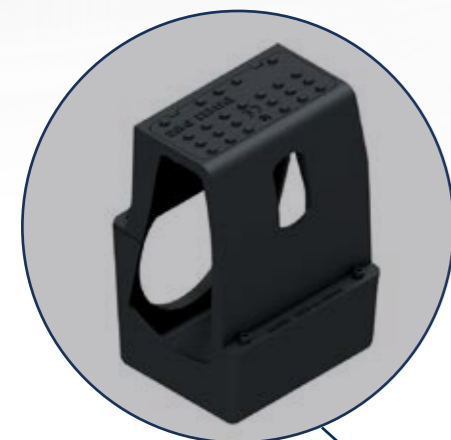
System Components

Ductile Iron Rodding Access Unit

A half battered ductile iron rodding access unit with rear pipe connection. Rodding units are installed to allow access for cleaning & maintenance purposes.

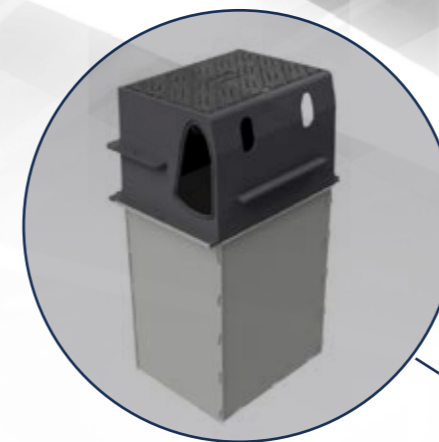
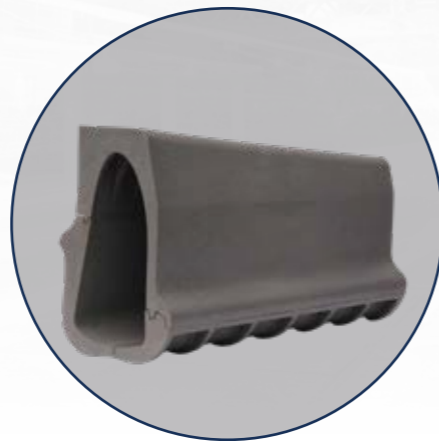
Units should be installed at the run-head, high point or required intervals. Also includes 162mm rear pipe connection.

Also includes 162mm rear pipe connection if required.



Drop Kerb Unit

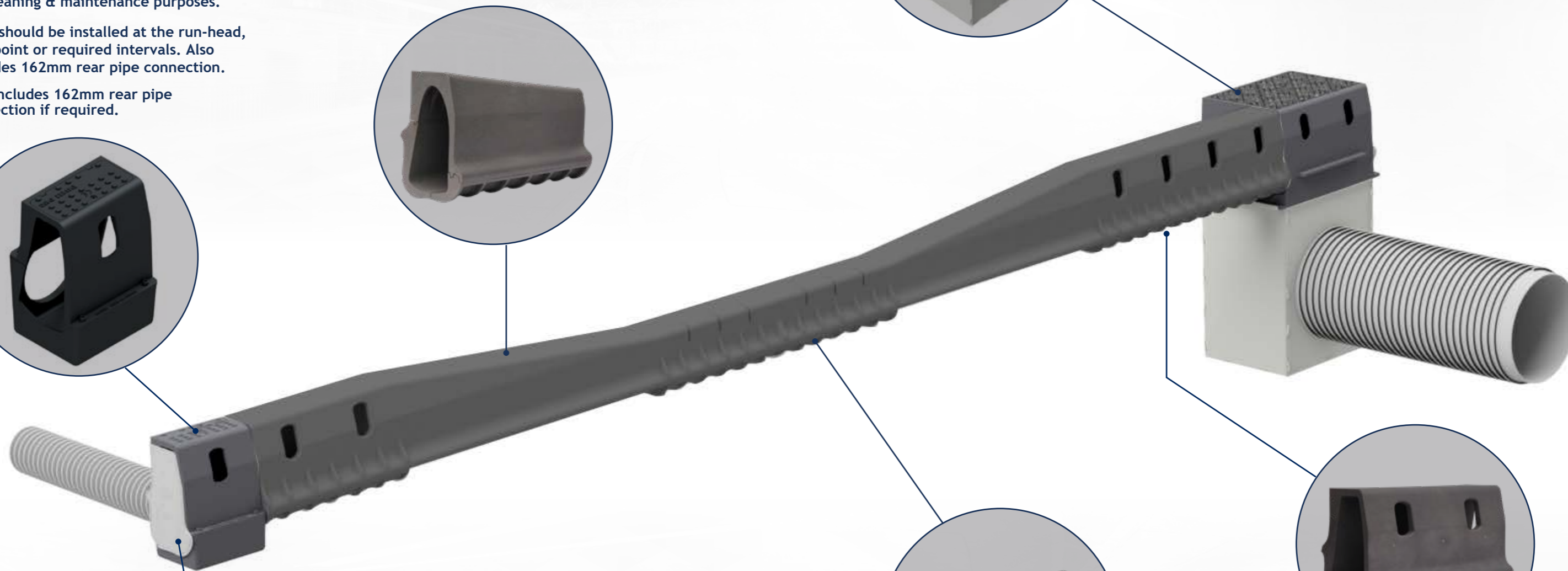
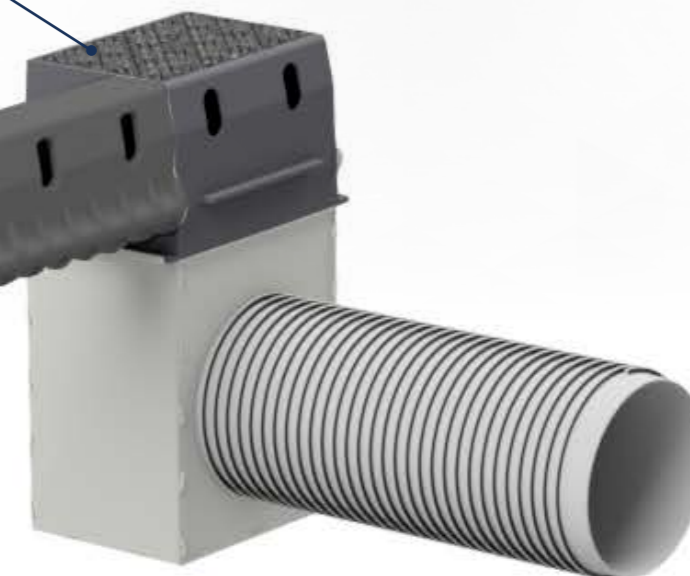
An inner & outer drop unit are installed together to form a 1000mm total length taking the channel from pavement level to road level whilst maintaining a consistent flow. For use in areas such as pedestrian crossings, driveways and access routes.



Combined Road Gully Outfall

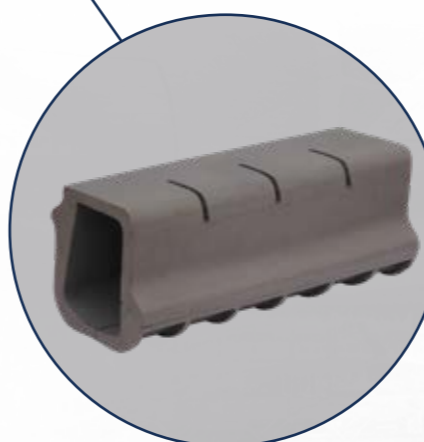
The Gully Outfall is manufactured in Ductile Iron. The cover is removable to allow access for cleaning and maintenance purposes. The gully is also lockable to restrict unauthorised access.

The Gully Outfall is designed to sit over the Gatic Kerbdrain Road Gully, which is fabricated in galvanised mild steel and includes removable circular knockouts for various pipe sizes with a sump for debris capture.



Universal End Cap

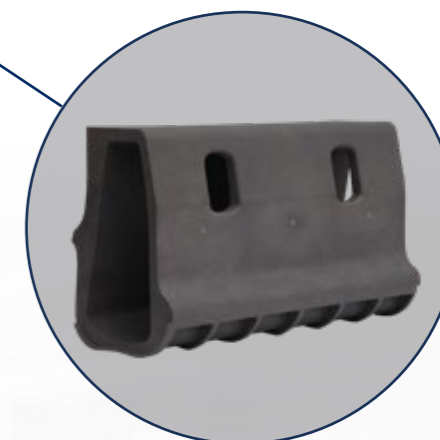
The Universal End Cap can be fitted to Gatic Kerbdrain Standard units, Gully Sump and Rodding Access/Outlet units to close off one end. These would typically be used at the start of a run. Simply apply sealant and fix. End Caps can be cut to allow for below ground pipe connections.



Drainable Centre Stone

Centre stones are supplied with vertical 8mm pedestrian friendly inlets.

They are typically used between Drop Kerb Units to maintain intake and flow at road level.



Standard Unit

A standard unit is a 500mm long one-piece unit designed for ease of installation. At 7kg it is the lightest product available on the market.

This unit will form the main part of any Gatic Kerbdrain installation.

	Product Code	Description
	KERB/HB/SU	Gatic Kerb Drain 305 HB Standard Unit
	KERB/HB/IR/1	Gatic Kerb Drain 305 HB Internal Radius Unit 6/5
	KERB/HB/IR/2	Gatic Kerb Drain 305 HB Internal Radius Unit 10/7
	KERB/HB/IR/3	Gatic Kerb Drain 305 HB Internal Radius Unit 16/11
	KERB/HB/ER/1	Gatic Kerb Drain 305 HB External Radius Unit 6/5
	KERB/HB/ER/2	Gatic Kerb Drain 305 HB External Radius Unit 10/7
	KERB/HB/ER/3	Gatic Kerb Drain 305 HB External Radius Unit 16/11
	KERB/HB/AO	Gatic Kerb Drain 305 HB Rodding Access/Outlet Unit
	KERB/HB/GO	Gatic Kerb Drain 305 HB Gully Outfall
	KERB/RGA	Gatic Kerb Drain Road Gully
	KERB/HB/DO/LH	Gatic Kerb Drain HB Left Hand Drop Kerb - Outer
	KERB/HB/DO/RH	Gatic Kerb Drain HB Right Hand Drop Kerb - Outer
	KERB/HB/DI/LH	Gatic Kerb Drain HB Left Hand Drop Kerb - Inner
	KERB/HB/DI/RH	Gatic Kerb Drain HB Right Hand Drop Kerb - Inner
	KERB/CS/D	Gatic Kerb Drain Drainable Centre Stone
	KERB/HB/CI	Gatic Kerb Drain HB 90 Degree Corner - Internal
	KERB/HB/CE	Gatic Kerb Drain HB 90 Degree Corner - External
	KERB/CS/CI	Gatic Kerb Drain 90 Degree Corner Centre Stone - Internal
	KERB/CS/CE	Gatic Kerb Drain 90 Degree Corner Centre Stone - External
	KERB/HB/EO	Gatic Kerb Drain 305 HB End Cap/Outlet
	KERB/SG	Gatic Kerb Drain Sealant - Grey (600ml)
	KERB/SA	Gatic Kerb Drain Sealent Applicator

Midway Park, Northampton



Ascent Logistics, Leighton Buzzard



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