



GRASPOINTNER
Sustainable innovation.



Seaport Southampton, Great Britain

Brings water
on line – and
on distance.

Line drainage & retention

GATIC® CastSlot
UltraSlot

Drainage systems

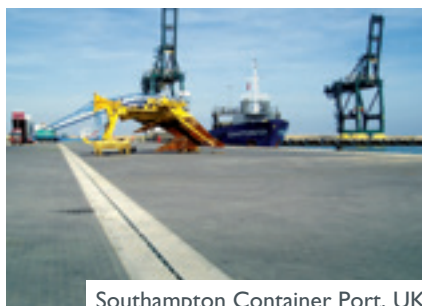
Perfect performance
in challenging environments.



Singapore Airport



Ottawa Airport, Canada



Southampton Container Port, UK



Heathrow Airport, London



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GATIC®

BG-Graspointner & GATIC Slotdrain: Because the **best** only work with the **best**.

In Gatic, we have found a partner who stands for innovation and cutting-edge technology – and who is therefore the perfect partner. Together we can offer you a unique set of truly special products.

Just the way we like it: The innovative solution for ports, airports and other heavy-duty locations.

Gatic Slotdrain is an innovative system that combines high-performance line drainage and effective retention – for the ultimate hydraulic requirements under extreme conditions. An ideal addition to our product portfolio.

Two becomes one: Gatic Slotdrain combines line drainage and retention in a single component.

In addition to this, Gatic Slotdrain offers many other innovations. Here is an overview of all the highlights:

- Line drainage and retention for the ultimate hydraulic requirements under extreme conditions (up to load class F900)
- Safely accommodate and control large volumes of water
- Large storage capacity for retention
(the hexagonal profile acts as a storage chamber)
- Safe and quick drainage of large quantities of rain water
- Significantly less additional channel construction work required
- Light components for easy handling at the construction on site
- Quick installation without the need of heavy lifting equipment
- Low point loading for the system due to fully reduced cover surface

Customised software –
digital service.

With a state-of-the-art development software, our partner company is offering the perfect tool for you to plan your line drainage system.

All of your planning using just a single tool.

The user-friendly program guides you through the whole planning process to ensure all your project requirements are met. It is hardly surprising that this software is already being used around the world for the most advanced surface drainage models.

And best of all: you can get the software for free from **www.gatic.com**. After registering with MyGatic, you can then download the software in the download area or simply send us an e-mail to request the planning tool.



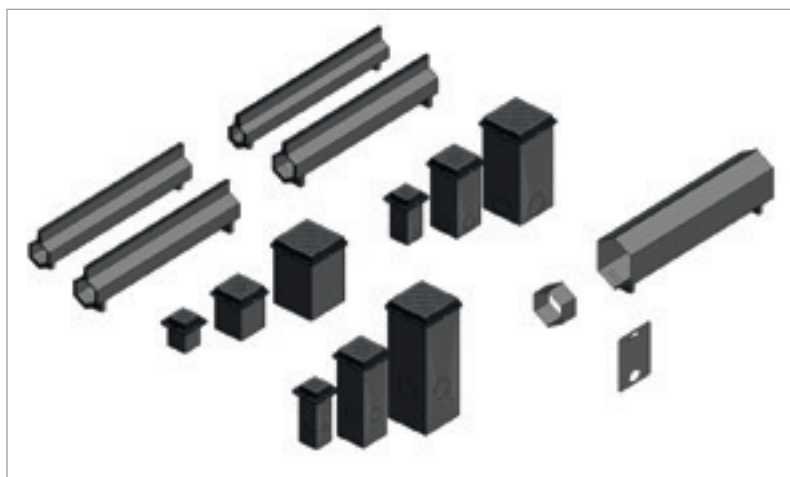
Gatic Slotdrain channel with graphical user interface and 3D view

building information modeling – **BIM** data:

Because the most innovative line drainage merits the most efficient planning.

BIM data for all products of the Gatic system are of course also available for computer-aided planning. But data is not merely data. Here too we are offering you ultimate user-friendliness and maximum efficiency:

- Low amount of data despite extreme precision (LOD/LOI 300-400)
- Line lengths easy to adapt
- Gratings can be selected and viewed visually – including slot covers
- Automatic positioning of the channel including grating on the surface
- End plates can be chosen with or without outlet
- Concrete casing for “clash detection”, material consumption provided for excavation and amount of concrete per load class
- Item numbers of the channels and covers
- Links to homepage for additional information about installation, system, declarations of performance



Screenshot of BIM database

Proven
performance.



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Gatic Slotdrain delivers what it promises. This is demonstrated by the various demanding standards to which it complies:

- **ISO 9001** - recognised standard for improving the quality of products, processes and services.
- **European Standard EN 1433 'Drainage Channels for Vehicular and Pedestrian Areas'** - The only internationally recognised standard that has been specifically drawn up for drainage channels and slot channel systems. This standard takes into consideration load classes between A15 and F900.
- **BS EN 877** - This standard applies to cast iron pipes and fittings, their joints and accessories for draining water from buildings. It includes various requirements, test methods and a comprehensive quality assurance framework along with topics such as sustainability and the environment.

Highest demands – including environmental protection

Another reason why we decided to work alongside Gatic is that environmental protection is also extremely important to our partner company.

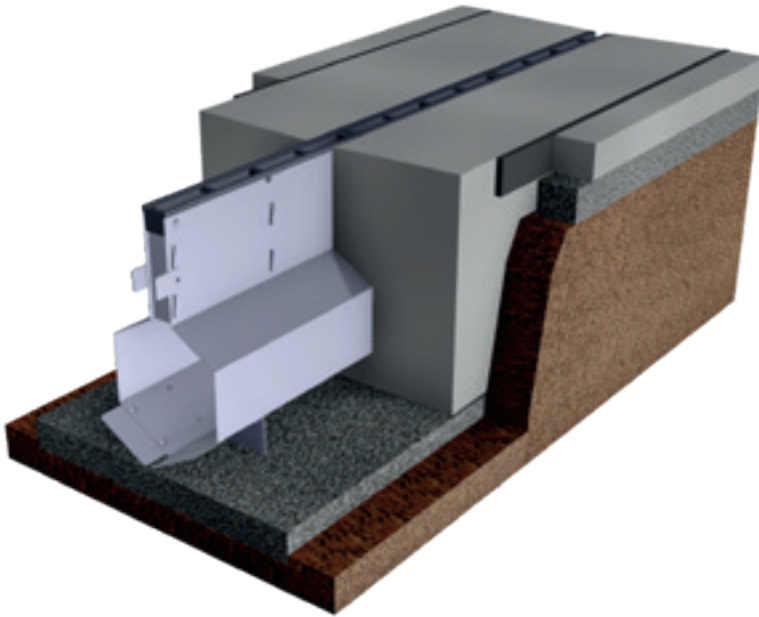
Gatic demonstrably champions the implementation of environmentally friendly business practices in all of its procedures.

The following standards are met:

- **ISO 14001 for environmental management systems** - ISO 14001 ensures a continuous improvement process as a means of achieving the environmental protection goals of a company. This guarantees that the set goals are actually achieved.
- **BREEAM** - The world's foremost assessment system for the ecological quality of buildings. Development teams use BREEAM as a process to improve the performance of their buildings and in general to expand their knowledge in the field of sustainable construction. Gatic channels have been used in numerous projects with BREEAM.

Areas of application: Always **right**, when the going gets **tough**.

Gatic CastSlot and CastSlot Treadsafe:



The nondescript profile of CastSlot sits neatly within concrete, asphalt and paved surfaces - and the system is also extremely robust.

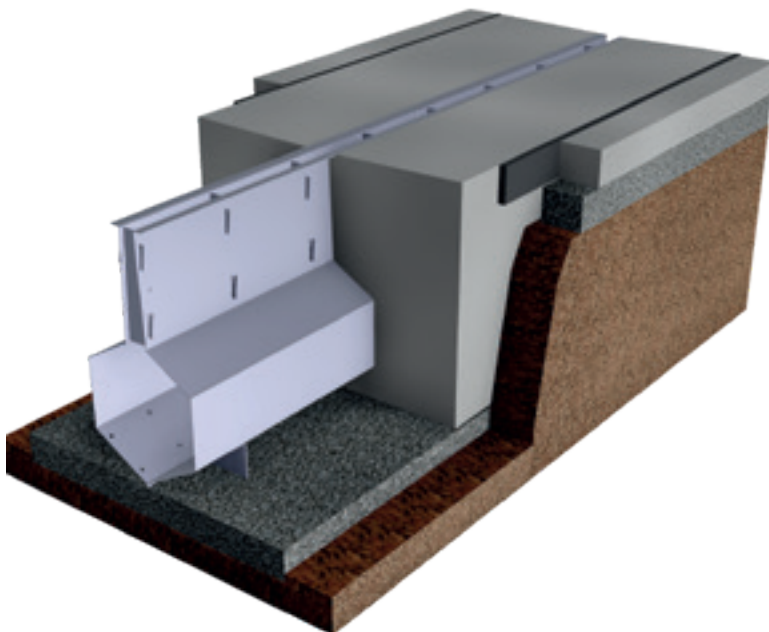
How? Using sophisticated technology: CastSlot features a CDP-coated ductile iron throat section, which is securely anchored into the galvanised steel channel body.

CastSlot is available as standard with a 30 mm opening and can be enhanced with a Treadsafe option whereby the slot opening is reduced to 2 x 10 mm wide slots.

Load class: D400 to F900



Gatic UltraSlot and UltraSlot Treadsafe:



UltraSlot is used in outdoor concrete areas such as airports, ports, motorways and similar areas. The system has been developed for irregular ultra-heavy-duty loads.

With the Treadsafe design, the slot opening is reduced from 30 mm to 2 x 9 mm wide slots.

Load class: D400 to F900



Heavy rain, large volumes of water, heavy loads,

a nightmare for some but the ideal conditions for the Gatic line drainage system. Thanks to its unique technology, which combines line drainage and retention, such challenging environments are the perfect installation site for this product:

Motorways and highways

Motorways and highways are under constant strain, whether from heavy traffic volumes or a rise in the number of trucks. The drainage system must therefore not only drain large volumes of rainfall, it must also be extremely resilient – perfect requirements for our system.



Logistics centres and industrial facilities

Logistics centres and industrial facilities not only have large surface areas or road networks, they must also cope with heavy-duty vehicles using them. Here too, Gatic Slotdrain provides efficient and durable drainage.



Container ports and distribution centres

Container ports and distribution centres are extremely challenging environments, which are continuously subjected to extreme loads from tractor and trailer units. Gatic Slotdrain has been specifically designed for such environments.



Ports and docks

Large ports and docks are occupied by heavy-duty vehicles such as trucks and cranes, which place high demands on the drainage system. Only products with the highest specifications are fit for this purpose – e.g. Gatic Slotdrain.



Airports

On airport runways in particular, the Gatic line drainage system is able to exploit its full potential. Airport traffic and aircraft weights are increasing year on year and are proving to be quite a challenge for the drainage channels.



Perfectly designed to meet your requirements.

Listening to the customer, analysing the requirement.

The hexagonal channel profile by Gatic Slotdrain was developed following this principle and in collaboration with experts from the aviation industry.

Efficient, whether large-scale or small.

The concept has proved infinitely scalable and has been further developed into a comprehensive range of different products, which are also suitable for smaller projects such as landscaping projects, shopping centres and car parks.

Intelligent design and easy to handle.

The current range includes CastSlot and UltraSlot, and together with the complementary accessories, offer total planning flexibility. All channels are manufactured from galvanised steel in 3 metre, 1 metre and 0.5 metre lengths, benefiting from fewer joints and improved flow performance.

Customised units are available on request to suit specific design requirements and are also available in stainless steel. Gatic Slotdrain channels are suitable for applications up to load class F900 (depending on the system type).

Top performance – when it comes to maintenance too.

The hexagonal profile ensures our systems can handle any amount of water with similar efficiency. The V-shaped channel base aids a self-cleaning flow, and a tapered throat helps prevent blockages.

Retention

Channel bodies up to 600 mm width allows a retention of the rainwater and a throttled drain to the storm sewer.

Tapered throat
prevents blockages

End plates
with preformed, round outlets

V-shaped channel body
supports self-cleaning

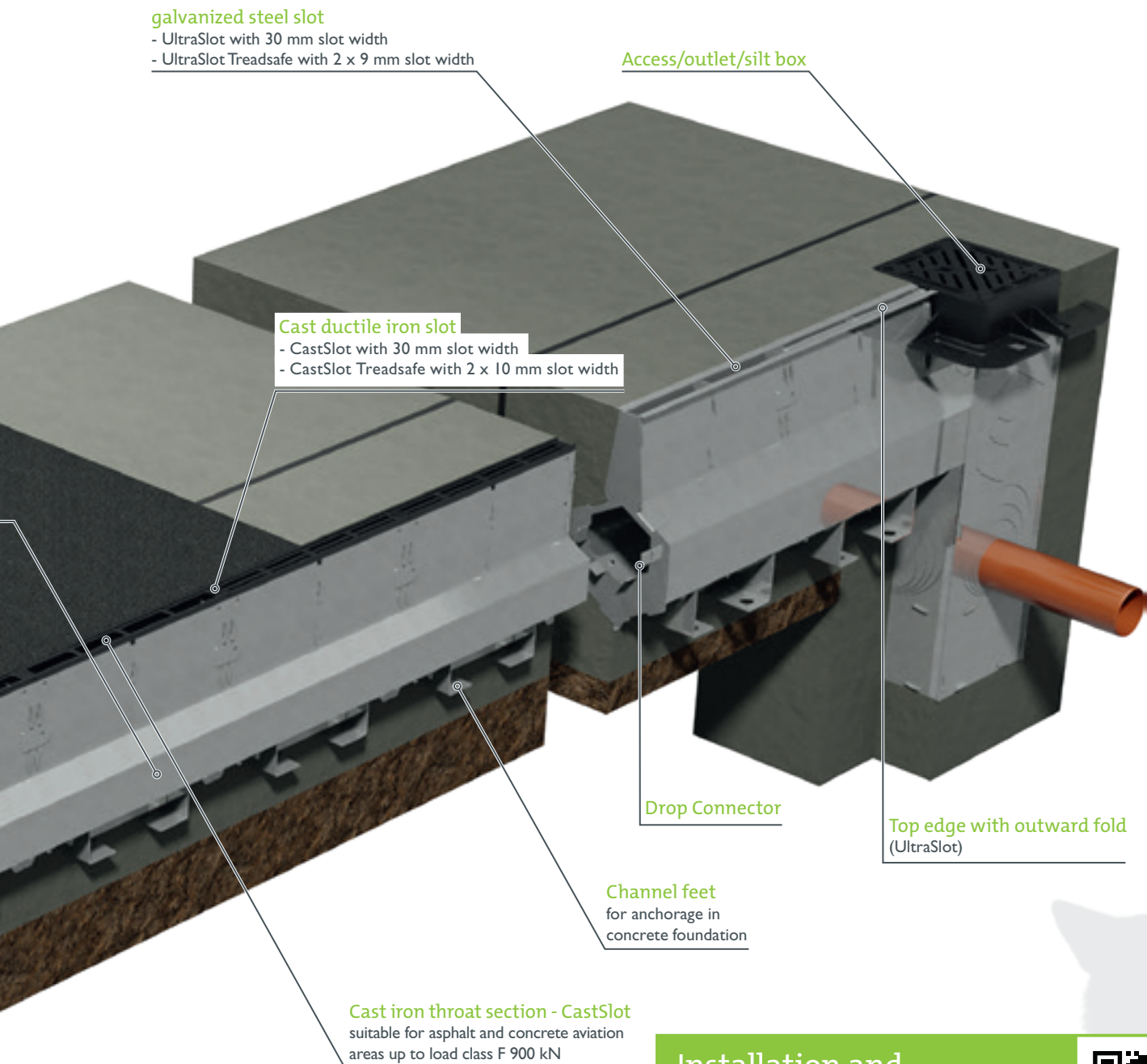
Hexagonal profile
for best flow properties



GRASPOINTNER
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Sustainable manufacturing and installation.

Gatic Slotdrain is installed mechanically. This eliminates the need for welding and minimises energy usage in the manufacturing process. A significant proportion of the raw materials used are from recycled sources. Gatic Slotdrain is manufactured from sheet steel and is 100% recyclable.



Installation and maintenance guidelines

for the safe installation and maintenance of Gatic products, please download from here.



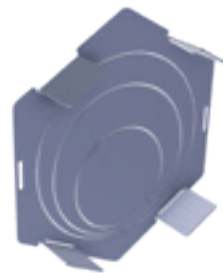
Slotdrain accessories

Accessories

A comprehensive range of accessories is available to suit every conceivable system design.

The range of standard accessories (shown here) is available to suit all types and sizes of Slotdrain channels.

- **Cover and gratings are delivered with locking bolts.**



Universal end caps



Access box -
shown with grating



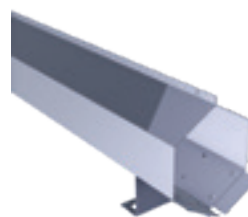
Outlet box -
shown with grating



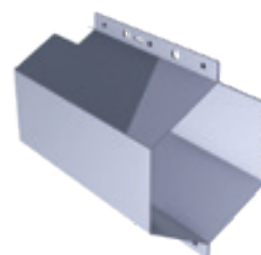
Silt box -
shown with facade slot



Drop connector



Channel pipes



Catchpit connectors



Flow regulators

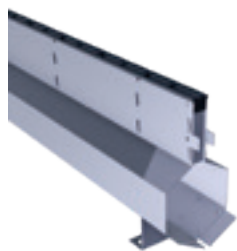
References



Slotdrain product selector

Gatic CastSlot

CastSlot 3m Channels, Ductile iron slot unit EN-GJS-450-10



Code	Description	Load class	Surface coating	Length (mm)	Sheet thickness (mm)	
55010230	100mm CastSlot - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55015230	150mm CastSlot - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55022230	225mm CastSlot - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55030230	300mm CastSlot - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55035230	350mm CastSlot - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55040230	400mm CastSlot - 3m	Up to F900	Concrete / Asphalt / Paving	3000	2,5	
55050230	500mm CastSlot - 3m	Up to F900	Concrete / Asphalt / Paving	3000	2,5	
55060230	600mm CastSlot - 3m	Up to F900	Concrete / Asphalt / Paving	3000	3	

CastSlot 1m Channels, Ductile iron slot unit EN-GJS-450-10



Code	Description	Load class	Surface coating	Length (mm)	Sheet thickness (mm)	
55010210	100mm CastSlot - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55015210	150mm CastSlot - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55022210	225mm CastSlot - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55030210	300mm CastSlot - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55035210	350mm CastSlot - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55040210	400mm CastSlot - 1m	Up to F900	Concrete / Asphalt / Paving	1000	2,5	
55050210	500mm CastSlot - 1m	Up to F900	Concrete / Asphalt / Paving	1000	2,5	
55060210	600mm CastSlot - 1m	Up to F900	Concrete / Asphalt / Paving	1000	3	

CastSlot 500mm Channels, Ductile iron slot unit EN-GJS-450-10



Code	Description	Load class	Surface coating	Length (mm)	Sheet thickness (mm)	
55010205	100mm CastSlot - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55015205	150mm CastSlot - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55022205	225mm CastSlot - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55030205	300mm CastSlot - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55035205	350mm CastSlot - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55040205	400mm CastSlot - 500mm	Up to F900	Concrete / Asphalt / Paving	500	2,5	
55050205	500mm CastSlot - 500mm	Up to F900	Concrete / Asphalt / Paving	500	2,5	
55060205	600mm CastSlot - 500mm	Up to F900	Concrete / Asphalt / Paving	500	3	

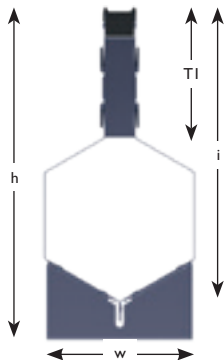
CastSlot Drop Connectors



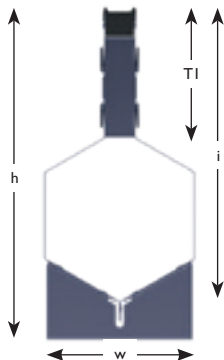
Code	Description	From channel width (mm)	To channel width (mm)	Weight (kg)
55900220	100-150mm Drop Connector	100	150	0.4
55900221	150-225mm Drop Connector	150	225	0.7
55900222	225-300mm Drop Connector	225	300	1
55900223	300-350mm Drop Connector	300	350	0.9
55900224	350-400mm Drop Connector	350	400	1.7
55900225	400-500mm Drop Connector	400	500	2.7
55900226	500-600mm Drop Connector	500	600	5.9



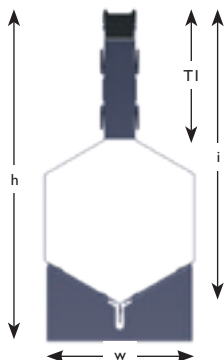
	Volume (l/m)	Width (w) (mm)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	100	357	308	200	51	30	263,5	43.3
	20	150	415	366	200	51	30	263,5	49.5
	44	225	501	452	200	51	30	263,5	59.7
	78	300	587	538	200	51	30	263,5	68.9
	107	350	645	596	200	51	30	263,5	75.1
	139	400	712	652	200	51	30	263,5	124.8
	217	500	828	768	200	51	30	263,5	145.4
	405	600	1091	1031	200	51	30	263,5	215.1



	Volume (l/m)	Width (w) (mm)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	100	357	308	200	51	30	263,5	15.2
	20	150	415	366	200	51	30	263,5	17.3
	44	225	501	452	200	51	30	263,5	21.5
	78	300	587	538	200	51	30	263,5	24.6
	107	350	645	596	200	51	30	263,5	26.7
	139	400	712	652	200	51	30	263,5	45.2
	217	500	828	768	200	51	30	263,5	52.2
	405	600	1091	1031	200	51	30	263,5	75.5



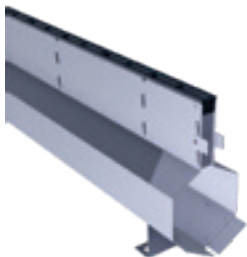
	Volume (l/m)	Width (w) (mm)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	100	357	308	200	51	30	263,5	8.1
	20	150	415	366	200	51	30	263,5	9.2
	44	225	501	452	200	51	30	263,5	11.8
	78	300	587	538	200	51	30	263,5	13.4
	107	350	645	596	200	51	30	263,5	14.5
	139	400	712	652	200	51	30	263,5	25.3
	217	500	828	768	200	51	30	263,5	28.9
	405	600	1091	1031	200	51	30	263,5	40.6



Slotdrain product selector

Gatic CastSlot Treadsafe

CastSlot Treadsafe 3m Channels, Ductile iron slot unit EN-GJS-450-10



Code	Description	Load class	Surface coating	Length (mm)	Sheet thickness (mm)	
55110230	100mm CastSlot Treadsafe - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55115230	150mm CastSlot Treadsafe - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55122230	225mm CastSlot Treadsafe - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55130230	300mm CastSlot Treadsafe - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55135230	350mm CastSlot Treadsafe - 3m	Up to F900	Concrete / Asphalt / Paving	3000	1,5	
55140230	400mm CastSlot Treadsafe - 3m	Up to F900	Concrete / Asphalt / Paving	3000	2,5	
55150230	500mm CastSlot Treadsafe - 3m	Up to F900	Concrete / Asphalt / Paving	3000	2,5	
55160230	600mm CastSlot Treadsafe - 3m	Up to F900	Concrete / Asphalt / Paving	3000	3	

CastSlot Treadsafe 1m Channels, Ductile iron slot unit EN-GJS-450-10



Code	Description	Load class	Surface coating	Length (mm)	Sheet thickness (mm)	
55110210	100mm CastSlot Treadsafe - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55115210	150mm CastSlot Treadsafe - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55122210	225mm CastSlot Treadsafe - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55130210	300mm CastSlot Treadsafe - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55135210	350mm CastSlot Treadsafe - 1m	Up to F900	Concrete / Asphalt / Paving	1000	1,5	
55140210	400mm CastSlot Treadsafe - 1m	Up to F900	Concrete / Asphalt / Paving	1000	2,5	
55150210	500mm CastSlot Treadsafe - 1m	Up to F900	Concrete / Asphalt / Paving	1000	2,5	
55160210	600mm CastSlot Treadsafe - 1m	Up to F900	Concrete / Asphalt / Paving	1000	3	

CastSlot Treadsafe 500mm Channels, Ductile iron slot unit EN-GJS-450-10



Code	Description	Load class	Surface coating	Length (mm)	Sheet thickness (mm)	
55110205	100mm CastSlot Treadsafe - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55115205	150mm CastSlot Treadsafe - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55122205	225mm CastSlot Treadsafe - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55130205	300mm CastSlot Treadsafe - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55135205	350mm CastSlot Treadsafe - 500mm	Up to F900	Concrete / Asphalt / Paving	500	1,5	
55140205	400mm CastSlot Treadsafe - 500mm	Up to F900	Concrete / Asphalt / Paving	500	2,5	
55150205	500mm CastSlot Treadsafe - 500mm	Up to F900	Concrete / Asphalt / Paving	500	2,5	
55160205	600mm CastSlot Treadsafe - 500mm	Up to F900	Concrete / Asphalt / Paving	500	3	

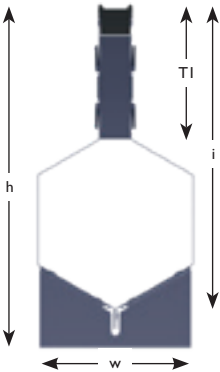
CastSlot Treadsafe Drop Connectors



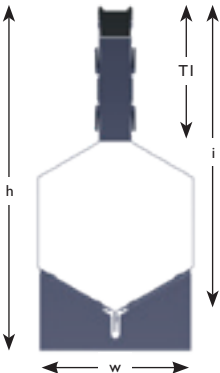
Code	Description	From channel width (mm)	To channel width (mm)	Weight (kg)
55900220	100-150mm Drop Connector	100	150	0.4
55900221	150-225mm Drop Connector	150	225	0.7
55900222	225-300mm Drop Connector	225	300	1
55900223	300-350mm Drop Connector	300	350	0.9
55900224	350-400mm Drop Connector	350	400	1.7
55900225	400-500mm Drop Connector	400	500	2.7
55900226	500-600mm Drop Connector	500	600	5.9



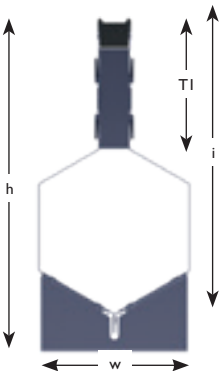
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	9	100	357	308	200	51	2 × 10	175	44.7
	20	150	415	366	200	51	2 × 10	175	51
	44	225	501	452	200	51	2 × 10	175	61.1
	78	300	587	538	200	51	2 × 10	175	70.3
	107	350	645	596	200	51	2 × 10	175	76.6
	139	400	712	652	200	51	2 × 10	175	126.2
	217	500	828	768	200	51	2 × 10	175	146.9
	405	600	1091	1031	200	51	2 × 10	175	216.6



	Volume (l/m)	Width (w) (mm)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	100	357	308	200	51	2 × 10	175	15.6
	20	150	415	366	200	51	2 × 10	175	17.8
	44	225	501	452	200	51	2 × 10	175	21.8
	78	300	587	538	200	51	2 × 10	175	25
	107	350	645	596	200	51	2 × 10	175	27.1
	139	400	712	652	200	51	2 × 10	175	45.7
	217	500	828	768	200	51	2 × 10	175	52.7
	405	600	1091	1031	200	51	2 × 10	175	76



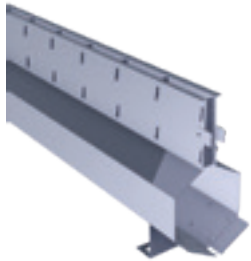
	Volume (l/m)	Width (w) (mm)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	100	357	308	200	51	2 × 10	175	8.4
	20	150	415	366	200	51	2 × 10	175	9.5
	44	225	501	452	200	51	2 × 10	175	12
	78	300	587	538	200	51	2 × 10	175	13.7
	107	350	645	596	200	51	2 × 10	175	14.8
	139	400	712	652	200	51	2 × 10	175	25.5
	217	500	828	768	200	51	2 × 10	175	29.1
	405	600	1091	1031	200	51	2 × 10	175	40.9



Slotdrain product selector

Gatic UltraSlot

UltraSlot 3m Channels



Code	Description	Load class	Surface coating	Length (mm)	Width (w) (mm)	Sheet thickness (mm)	
55210230	100mm UltraSlot - 3m	Up to F900	Concrete	3000	100	1,5	
55215230	150mm UltraSlot - 3m	Up to F900	Concrete	3000	150	1,5	
55222230	225mm UltraSlot - 3m	Up to F900	Concrete	3000	225	1,5	
55230230	300mm UltraSlot - 3m	Up to F900	Concrete	3000	300	1,5	
55235230	350mm UltraSlot - 3m	Up to F900	Concrete	3000	350	1,5	
55240230	400mm UltraSlot - 3m	Up to F900	Concrete	3000	400	2,5	
55250230	500mm UltraSlot - 3m	Up to F900	Concrete	3000	500	2,5	
55260230	600mm UltraSlot - 3m	Up to F900	Concrete	3000	600	3	

UltraSlot 1m Channels



Code	Description	Load class	Surface coating	Length (mm)	Width (w) (mm)	Sheet thickness (mm)	
55210210	100mm UltraSlot - 1m	Up to F900	Concrete	1000	100	1,5	
55215210	150mm UltraSlot - 1m	Up to F900	Concrete	1000	150	1,5	
55222210	225mm UltraSlot - 1m	Up to F900	Concrete	1000	225	1,5	
55230210	300mm UltraSlot - 1m	Up to F900	Concrete	1000	300	1,5	
55235210	350mm UltraSlot - 1m	Up to F900	Concrete	1000	350	1,5	
55240210	400mm UltraSlot - 1m	Up to F900	Concrete	1000	400	2,5	
55250210	500mm UltraSlot - 1m	Up to F900	Concrete	1000	500	2,5	
55260210	600mm UltraSlot - 1m	Up to F900	Concrete	1000	600	3	

UltraSlot 500mm Channels



Code	Description	Load class	Surface coating	Length (mm)	Width (w) (mm)	Sheet thickness (mm)	
55210205	100mm UltraSlot - 500mm	Up to F900	Concrete	500	100	1,5	
55215205	150mm UltraSlot - 500mm	Up to F900	Concrete	500	150	1,5	
55222205	225mm UltraSlot - 500mm	Up to F900	Concrete	500	225	1,5	
55230205	300mm UltraSlot - 500mm	Up to F900	Concrete	500	300	1,5	
55235205	350mm UltraSlot - 500mm	Up to F900	Concrete	500	350	1,5	
55240205	400mm UltraSlot - 500mm	Up to F900	Concrete	500	400	2,5	
55250205	500mm UltraSlot - 500mm	Up to F900	Concrete	500	500	2,5	
55260205	600mm UltraSlot - 500mm	Up to F900	Concrete	500	600	3	

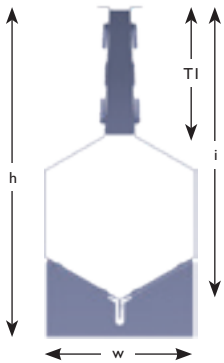
UltraSlot Drop Connectors



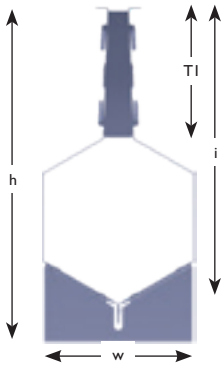
Code	Description	From channel width (mm)	To channel width (mm)	Weight (kg)
55900220	100-150mm Drop Connector	100	150	0.4
55900221	150-225mm Drop Connector	150	225	0.7
55900222	225-300mm Drop Connector	225	300	1
55900223	300-350mm Drop Connector	300	350	0.9
55900224	350-400mm Drop Connector	350	400	1.7
55900225	400-500mm Drop Connector	400	500	2.7
55900226	500-600mm Drop Connector	500	600	5.9



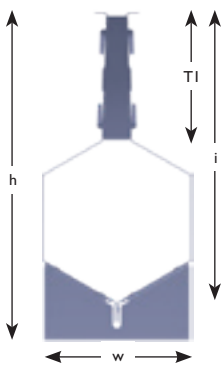
	Volume (l/m)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	357	308	200	70	30	30l	31.7
	20	415	366	200	70	30	30l	37.9
	44	501	452	200	70	30	30l	48.1
	78	587	538	200	70	30	30l	57.3
	107	645	596	200	70	30	30l	63.6
	139	713	653	200	70	30	30l	114.4
	217	829	769	200	70	30	30l	135
	405	1091	1031	200	70	30	30l	205.4



	Volume (l/m)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	357	308	200	70	30	30l	11.2
	20	415	366	200	70	30	30l	13.3
	44	501	452	200	70	30	30l	17.4
	78	587	538	200	70	30	30l	20.6
	107	645	596	200	70	30	30l	22.7
	139	713	653	200	70	30	30l	41.6
	217	829	769	200	70	30	30l	48.6
	405	1091	1031	200	70	30	30l	72.2

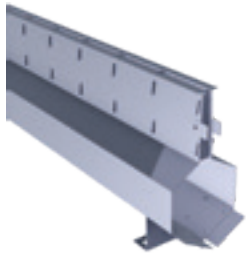


	Volume (l/m)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	357	308	200	70	30	30l	6
	20	415	366	200	70	30	30l	7.1
	44	501	452	200	70	30	30l	9.7
	78	587	538	200	70	30	30l	11.3
	107	645	596	200	70	30	30l	12.4
	139	713	653	200	70	30	30l	23.4
	217	829	769	200	70	30	30l	27
	405	1091	1031	200	70	30	30l	38.8



Slotdrain product selector

Gatic UltraSlot Treadsafe



UltraSlot Treadsafe 3m Channels

Code	Description	Load class	Surface coating	Length (mm)	Width (w) (mm)	Sheet thickness (mm)	
55310230	100mm UltraSlot Treadsafe - 3m	Up to F900	Concrete	3000	100	1,5	
55315230	150mm UltraSlot Treadsafe - 3m	Up to F900	Concrete	3000	150	1,5	
55322230	225mm UltraSlot Treadsafe - 3m	Up to F900	Concrete	3000	225	1,5	
55330230	300mm UltraSlot Treadsafe - 3m	Up to F900	Concrete	3000	300	1,5	
55335230	350mm UltraSlot Treadsafe - 3m	Up to F900	Concrete	3000	350	1,5	
55340230	400mm UltraSlot Treadsafe - 3m	Up to F900	Concrete	3000	400	2,5	
55350230	500mm UltraSlot Treadsafe - 3m	Up to F900	Concrete	3000	500	2,5	
55360230	600mm UltraSlot Treadsafe - 3m	Up to F900	Concrete	3000	600	3	



UltraSlot Treadsafe 1m Channels

Code	Description	Load class	Surface coating	Length (mm)	Width (w) (mm)	Sheet thickness (mm)	
55310210	100mm UltraSlot Treadsafe - 1m	Up to F900	Concrete	1000	100	1,5	
55315210	150mm UltraSlot Treadsafe - 1m	Up to F900	Concrete	1000	150	1,5	
55322210	225mm UltraSlot Treadsafe - 1m	Up to F900	Concrete	1000	225	1,5	
55330210	300mm UltraSlot Treadsafe - 1m	Up to F900	Concrete	1000	300	1,5	
55335210	350mm UltraSlot Treadsafe - 1m	Up to F900	Concrete	1000	350	1,5	
55340210	400mm UltraSlot Treadsafe - 1m	Up to F900	Concrete	1000	400	2,5	
55350210	500mm UltraSlot Treadsafe - 1m	Up to F900	Concrete	1000	500	2,5	
55360210	600mm UltraSlot Treadsafe - 1m	Up to F900	Concrete	1000	600	3	



UltraSlot Treadsafe 500mm Channels

Code	Description	Load class	Surface coating	Length (mm)	Width (w) (mm)	Sheet thickness (mm)	
55310205	100mm UltraSlot Treadsafe - 500mm	Up to F900	Concrete	500	100	1,5	
55315205	150mm UltraSlot Treadsafe - 500mm	Up to F900	Concrete	500	150	1,5	
55322205	225mm UltraSlot Treadsafe - 500mm	Up to F900	Concrete	500	225	1,5	
55330205	300mm UltraSlot Treadsafe - 500mm	Up to F900	Concrete	500	300	1,5	
55335205	350mm UltraSlot Treadsafe - 500mm	Up to F900	Concrete	500	350	1,5	
55340205	400mm UltraSlot Treadsafe - 500mm	Up to F900	Concrete	500	400	2,5	
55350205	500mm UltraSlot Treadsafe - 500mm	Up to F900	Concrete	500	500	2,5	
55360205	600mm UltraSlot Treadsafe - 500mm	Up to F900	Concrete	500	600	3	

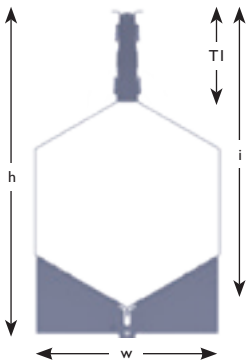


UltraSlot Treadsafe Drop Connectors

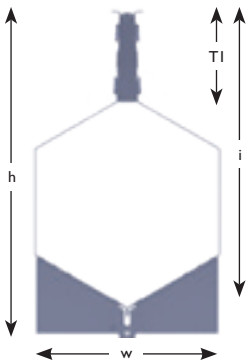
Code	Description	From channel width (mm)	To channel width (mm)	Weight (kg)
55900220	100-150mm Drop Connector	100	150	0.4
55900221	150-225mm Drop Connector	150	225	0.7
55900222	225-300mm Drop Connector	225	300	1
55900223	300-350mm Drop Connector	300	350	0.9
55900224	350-400mm Drop Connector	350	400	1.7
55900225	400-500mm Drop Connector	400	500	2.7
55900226	500-600mm Drop Connector	500	600	5.9



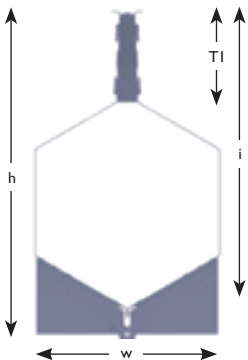
	Volume (l/m)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	357	308	200	70	2 X 9	181	34.5
	20	415	366	200	70	2 X 9	181	40.7
	44	501	452	200	70	2 X 9	181	50.8
	78	587	538	200	70	2 X 9	181	60.1
	107	645	596	200	70	2 X 9	181	66.3
	139	713	653	200	70	2 X 9	181	117.1
	217	829	769	200	70	2 X 9	181	137.8
	405	1091	1031	200	70	2 X 9	181	208.2



	Volume (l/m)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	357	308	200	70	2 X 9	181	12.1
	20	415	366	200	70	2 X 9	181	14.2
	44	501	452	200	70	2 X 9	181	18.3
	78	587	538	200	70	2 X 9	181	21.5
	107	645	596	200	70	2 X 9	181	23.6
	139	713	653	200	70	2 X 9	181	42.6
	217	829	769	200	70	2 X 9	181	49.6
	405	1091	1031	200	70	2 X 9	181	73.1



	Volume (l/m)	Height (h) (mm)	Invert (i) (mm)	Throat depth (TI) (mm)	Throat width (mm)	Slot width (mm)	Inlet cross section (cm ²)	Weight (kg)
	9	357	308	200	70	2 X 9	181	6.4
	20	415	366	200	70	2 X 9	181	7.6
	44	501	452	200	70	2 X 9	181	10.1
	78	587	538	200	70	2 X 9	181	11.8
	107	645	596	200	70	2 X 9	181	12.9
	139	713	653	200	70	2 X 9	181	23.8
	217	829	769	200	70	2 X 9	181	27.4
	405	1091	1031	200	70	2 X 9	181	39.3



Slotdrain product selector

Boxes



Access Box C/W Treadsafe Double Triangular Grating (CastSlot/UltraSlot)

Code	Description	To suit channels	Load class	Surface coating	
55922201	Access Box c/w Double Triangular Grating	Up to 225	Up to D400	Asphalt / Paving	
55940201	Access Box c/w Double Triangular Grating	From 225 to 400	Up to D400	Asphalt / Paving	
55960201	Access Box c/w Double Triangular Grating	From 400 to 600	Up to D400	Asphalt / Paving	
55922202	Access Box c/w Double Triangular Grating	Up to 225	Up to F900	Concrete	
55940202	Access Box c/w Double Triangular Grating	From 225 to 400	Up to F900	Concrete	
55960202	Access Box c/w Double Triangular Grating	From 400 to 600	Up to F900	Concrete	



Outlet Box C/W Treadsafe Double Triangular Grating (CastSlot/UltraSlot)

Code	Description	To suit channels	Load class	Surface coating	
55922203	Outlet Box c/w Double Triangular Grating	Up to 225	Up to D400	Asphalt / Paving	
55940203	Outlet Box c/w Double Triangular Grating	From 225 to 400	Up to D400	Asphalt / Paving	
55960203	Outlet Box c/w Double Triangular Grating	From 400 to 600	Up to D400	Asphalt / Paving	
55922204	Outlet Box c/w Double Triangular Grating	Up to 225	Up to F900	Concrete	
55940204	Outlet Box c/w Double Triangular Grating	From 225 to 400	Up to F900	Concrete	
55960204	Outlet Box c/w Double Triangular Grating	From 400 to 600	Up to F900	Concrete	



Silt Box C/W Treadsafe Double Triangular Grating (CastSlot/UltraSlot)

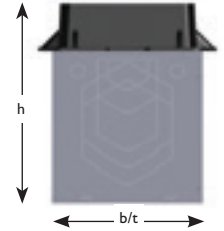
Code	Description	To suit channels	Load class	Surface coating	
55922205	Silt Box c/w Double Triangular Grating	Up to 225	Up to D400	Asphalt / Paving	
55940205	Silt Box c/w Double Triangular Grating	From 225 to 400	Up to D400	Asphalt / Paving	
55960205	Silt Box c/w Double Triangular Grating	From 400 to 600	Up to D400	Asphalt / Paving	
55922206	Silt Box c/w Double Triangular Grating	Up to 225	Up to F900	Concrete	
55940206	Silt Box c/w Double Triangular Grating	From 225 to 400	Up to F900	Concrete	
55960206	Silt Box c/w Double Triangular Grating	From 400 to 600	Up to F900	Concrete	

*with Silt bucket

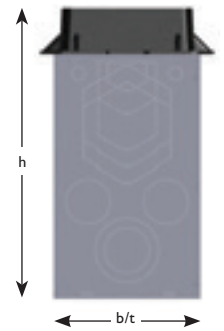


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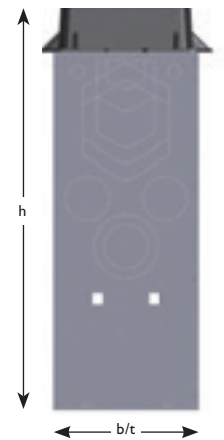
	Height (h) (mm)	Width (w) (mm)	Depth (d) (mm)	Inlet cross section (cm ²)	Pipe outlet sizes (mm)	Box weight (kg)	Cover/Grate weight (kg)	Total weight (kg)
	475	308	308	90	N/A	6.7	38.4	45.1
	675	485	485	335	N/A	26.7	67.6	94.3
	1055	686	686	828	N/A	73.1	122.9	196.0
	475	308	308	90	N/A	6.7	40.1	46.8
	675	485	485	335	N/A	26.7	76.7	103.4
	1055	686	686	828	N/A	73.1	146.2	219.3



	Height (h) (mm)	Width (w) (mm)	Depth (d) (mm)	Inlet cross section (cm ²)	Pipe outlet sizes (mm)	Box weight (kg)	Cover/ Grate weight (kg)	Total weight (kg)
	740	308	308	90	115/ 165/ 205/ 255	10.6	38.4	49.0
	1125	485	485	335	205/ 255/ 320/ 360/ 440	44.0	67.6	111.6
	1495	686	686	828	320/ 360/ 440	101.7	122.9	224.6
	740	308	308	90	115/ 165/ 205/ 255	10.6	40.1	50.7
	1125	485	485	335	205/ 255/ 320/ 360/ 440	44.0	76.7	120.7
	1495	686	686	828	320/ 360/ 440	101.7	146.2	247.9



	Height (h) (mm)	Width (w) (mm)	Depth (d) (mm)	Inlet cross section (cm ²)	Pipe outlet sizes (mm)	Box weight (kg)	Cover/Grate weight (kg)	Total weight (kg)
	930	308	308	90	115/ 165/ 205/ 255	14.1	38.4	52.5
	1415	485	485	335	205/ 255/ 320/ 360/ 440	57.1	67.6	124.7
	1935	686	686	828	320/ 360/ 440	133.8	122.9	256.7
	930	308	308	90	115/ 165/ 205/ 255	14.1	40.1	54.2
	1415	485	485	335	205/ 255/ 320/ 360/ 440	57.1	76.7	133.8
	1935	686	686	828	320/ 360/ 440	133.8	146.2	280.0

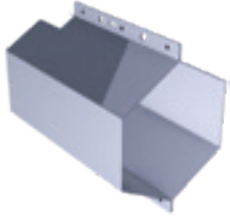


Slotdrain product selector

Catchpit Connectors, Pipes, End Caps & Outlets

Catchpit Connector

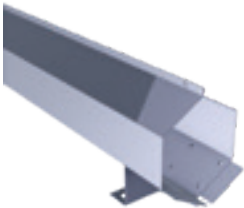
CastSlot / CastSlot Treadsafe / UltraSlot / UltraSlot Treadsafe



Code	Description	
55910240	100mm Catchpit Connector	
55915240	150mm Catchpit Connector	
55922240	225mm Catchpit Connector	
55930240	300mm Catchpit Connector	
55935240	350mm Catchpit Connector	
55940240	400mm Catchpit Connector	
55950240	500mm Catchpit Connector	
55960240	600mm Catchpit Connector	

Channel Pipes

CastSlot / CastSlot Treadsafe / UltraSlot / UltraSlot Treadsafe



Code	Description	
55910250	100mm Channel Pipe – 3m	
55915250	150mm Channel Pipe – 3m	
55922250	225mm Channel Pipe – 3m	
55930250	300mm Channel Pipe – 3m	
55935250	350mm Channel Pipe – 3m	
55940250	400mm Channel Pipe – 3m	
55950250	500mm Channel Pipe – 3m	
55960250	600mm Channel Pipe – 3m	

End Caps / End Cap Outlets

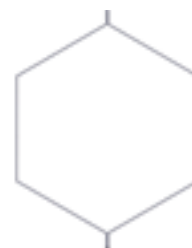
CastSlot / CastSlot Treadsafe / UltraSlot / UltraSlot Treadsafe



Code	Description	
55910230	100mm End Cap / Outlet	
55915230	150mm End Cap / Outlet	
55922230	225mm End Cap / Outlet	
55930230	300mm End Cap / Outlet	
55935230	350mm End Cap / Outlet	
55940230	400mm End Cap / Outlet	
55950230	500mm End Cap	
55960230	600mm End Cap	



	To suit channel	Length (mm)	Effective length (mm)	Weight (kg)
	100	375	300	1.9
	150	375	300	2.6
	225	375	300	3.9
	300	375	300	5
	350	375	300	5.8
	400	375	300	10.9
	500	375	300	13.5
	600	375	300	21.9



	To suit channel	Length (mm)	Weight (kg)
	100	3000	17.1
	150	3000	23.3
	225	3000	33.5
	300	3000	42.7
	350	3000	49
	400	3000	91.4
	500	3000	112
	600	3000	178.6



	To suit channel	Pipe outlet sizes (mm)	Weight (kg)
	100	92	0.2
	150	115	0.4
	225	115/165/205	0.7
	300	115/165/205/255	1.2
	350	115/165/205/255/320	1.6
	400	115/165/205/255/320/360	3.3
	500	N/A	4.9
	600	N/A	10.6



Gatic Flow Regulators

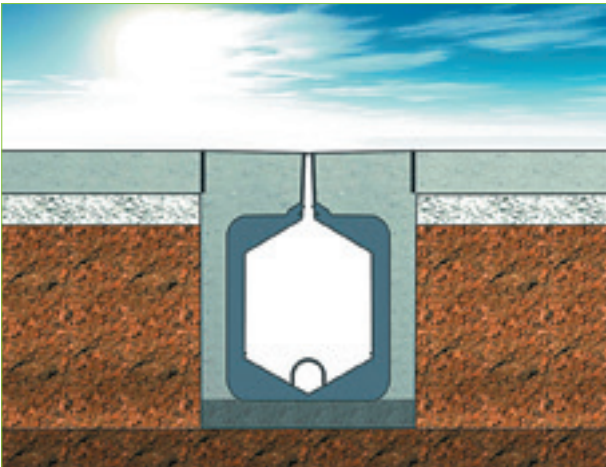


Available for all Slotdrain
(for use with Chambers formed on site)

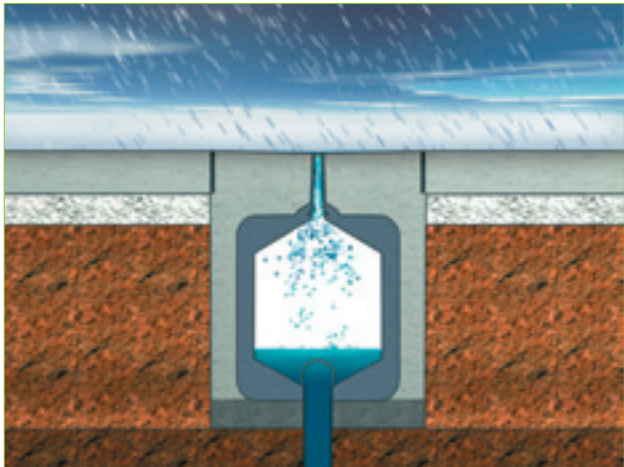
Code	Description	
55922260	225mm Flow Regulator	
55930260	300mm Flow Regulator	
55935260	350mm Flow Regulator	
55940260	400mm Flow Regulator	
55950260	500mm Flow Regulator	
55960260	600mm Flow Regulator	

Retention

During a heavy rain event, the Slotdrain gathers the rainwater and allows only a throttled amount of water running through the flow regulator steadily. This reduces hydraulic peaks and relieves the storm sewer.



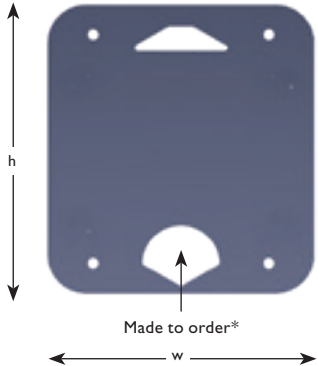
Dry weather conditions.



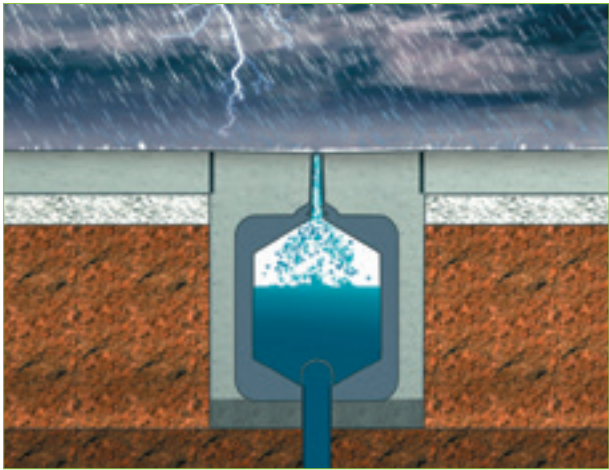
Rainfall starts, the Slotdrain begins to fill with water and discharges via the flow regulator.



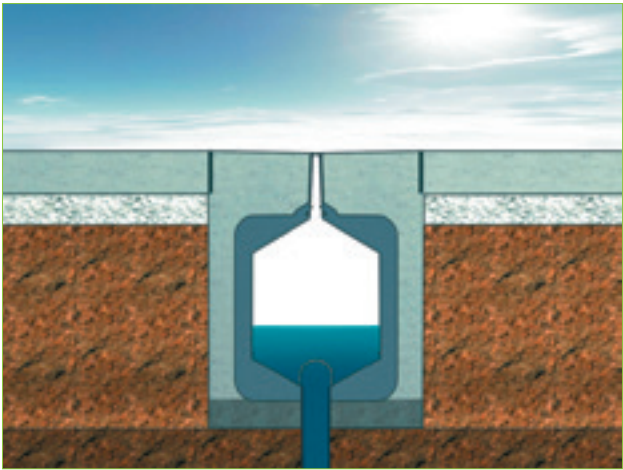
	To suit channel	Height (h)	Width (w)	Weight (kg)
	225	295	275	1.9
	300	380	350	3.1
	350	440	400	4.1
	400	495	450	5.4
	500	610	550	8.1
	600	875	650	13.7



*Outlet size made to order on all Flow Regulators



Water level in the Slotdrain system rises with storm intensity. Outflow reaches designed regulated flow rate without flooding surrounding area.



Storm ceases, controlled outflow continues and water level in the Slotdrain system falls.



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