

At last. A drainage system that beats
conventional channels and gratings.



GATIC® ProSlot

Specialised Engineering. Special Advice.

Why Gatic ProSlot is better.



Intake capacity (l/s per linear metre)				
Slot	Feed both sides	Single side @ gradient		
		1:40	1:80	1:200
8	7.6	2.4	3.2	2.9
10	8.5	2.6	3.5	3.2

Despite appearances, ProSlot takes in at least as much water as more conventional systems.



Blink and you'll miss it. ProSlot is hard to spot on all but the plainest surface.

✓ High intake capacity.

Tests by an independent hydraulics consultant indicate that the capacity of slot channel systems compares favourably with that of surface channel systems with conventional slot-
ted gratings. Test results are available on request.

✓ Tapered throat to help prevent blockages.

Maximum intake capacity is always available with ProSlot. Its tapered throat is designed to help prevent blockages.

✓ Unique, low maintenance profile.

ProSlot's innovative profile, proved by years of experience with Slotdrain, its highly successful big brother, is designed to be self-cleansing. Flow is kept up, whatever the water volume, minimising maintenance.

✓ Minimal visual impact.

In most applications ProSlot is barely visible once the installation is complete. Only the surface water is harder to spot.

✓ Easy on the environment.

Our plastic components are manufactured using re-processed materials, such as old car bumpers, in order to help cut down on landfill waste.

✓ Eliminates troublesome gratings.

With ProSlot, there are no removable parts such as gratings, to get loose, lost, broken or displaced.

✓ Easy to transport.

Transportation issues are a thing of the past with ProSlot. Its injection molded fittings and pre-galvanised sheet steel construction make it relatively light and easily palletised.

✓ Easy to install.

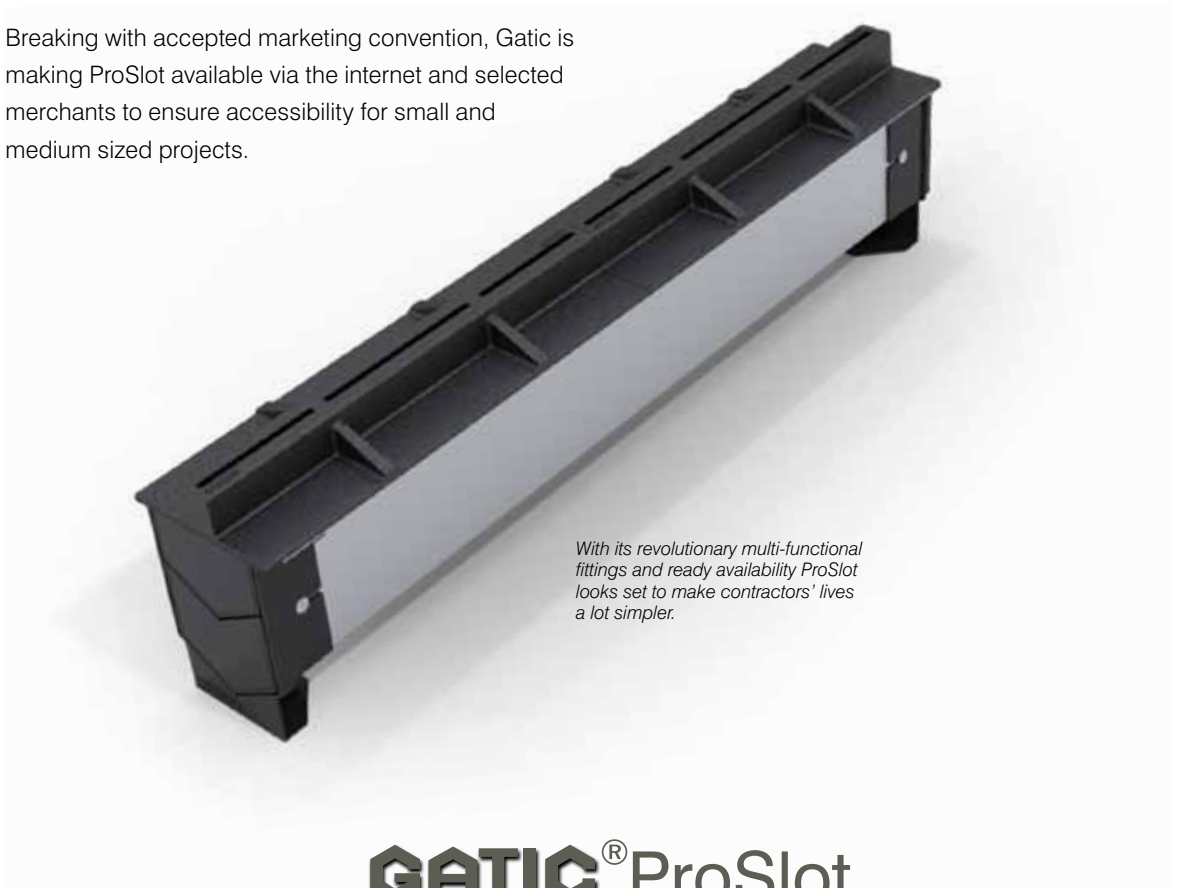
ProSlot's multi-function end plates and jointing fittings allow rapid progress on site and simple straightforward installation.

✓ Easy to order.

Breaking with accepted marketing convention, Gatic is making ProSlot available via the internet and selected merchants to ensure accessibility for small and medium sized projects.



Say goodbye to all this!



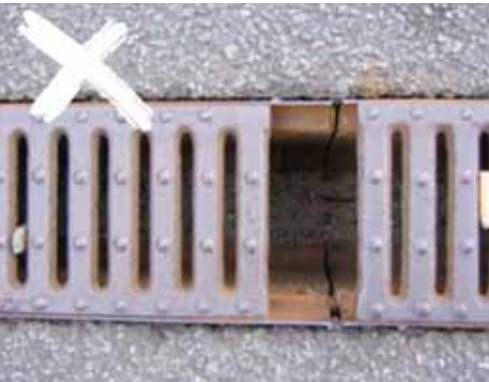
With its revolutionary multi-functional fittings and ready availability ProSlot looks set to make contractors' lives a lot simpler.

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ProSlot provides efficient drainage

with a simple yet comprehensive range.



✓ No blockages.
No breakages.
Fit it and forget it.

With ProSlot you can avoid all the usual pitfalls of ordinary drainage systems. No more gratings to get lost, blocked or broken. ProSlot is as hard to block as it is to damage in normal use. No more fragile polymer channels either. It really is just a case of 'fit it and forget it'.

✓ Easy to install.

Putting it together is easy with ProSlot's multifunctional, injection moulded connectors. Each channel section comes with these end pieces already fitted, making it a simple matter to slot the next section into place and build up the complete modular system in whatever order the job demands.

✓ Easy on the eye.

Alternative tops mean that ProSlot can be used as neatly and efficiently with paving, concrete or tarmac. The cleverly-shaped intake throat helps prevent loose stones and debris from getting caught and causing a blockage.



✓ Easy to move.

Robust but light-weight construction, together with the compact dimensions of its components, makes ProSlot easy to move by pallet. This means you might get away with a smaller van and cuts the chance of wastage from damage in transit, compared with polymer-cast channel.

✓ ProSlot keeps it simple – with modular construction and our unique jointing system.

Key to the simplicity and ease of use of the ProSlot system are the clever injection moulded end connectors. 1

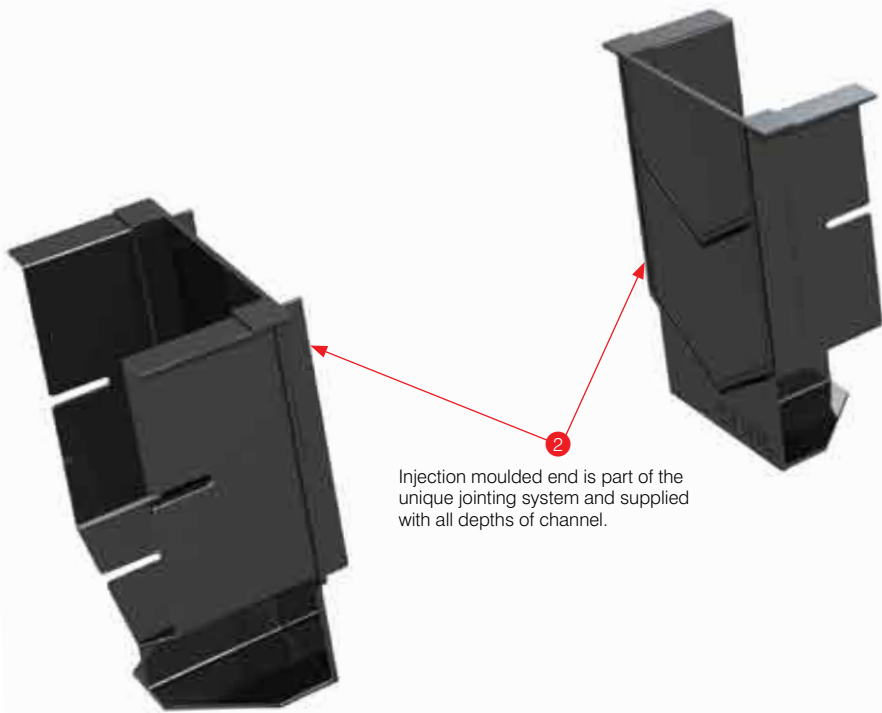
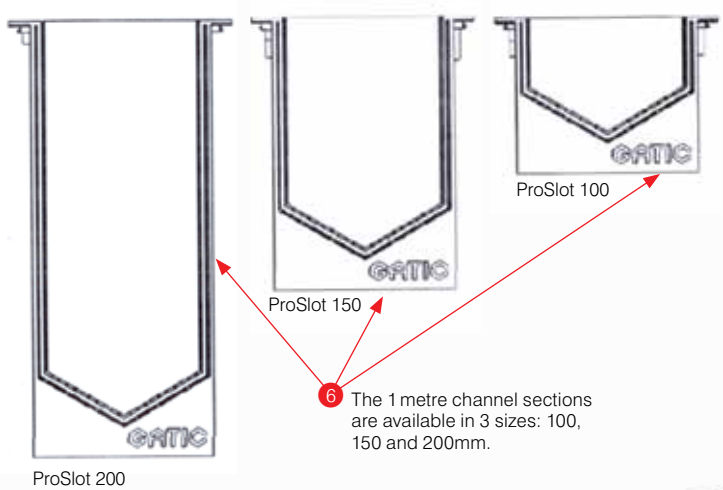
This system enables ProSlot channels and components to be simply slotted together in almost any combination, 2 making for easy and rapid installation.

The galvanised sheet steel channel sections 3 are supplied in 1 metre lengths, fitted with ductile iron cast tops 4 or alternatively with deeper tops for use with concrete slabs and block paving. 5 Three sizes of channel are available and the plastic end connectors are designed to fit all sizes. 6

Ancillary components such as access boxes and silt boxes are designed to be fitted using the same end connectors. 7

With no gratings to get lost or damaged, ProSlot needs little maintenance, once installed. Its surrounding infill material keeps it completely rigid.

The exploded view of the system, shown here, is for illustrative purposes only. All ProSlot sections come fully assembled.



ProSlot's v-shaped channel profile means that the system has excellent flow characteristics.

Injection moulded end is part of the unique jointing system and supplied with all depths of channel.

All channel sections come in convenient 1 metre lengths.

Male and female connections on the ends of each unit for both changing channel sizes and easy connection.

Universal channel silt box is designed to accommodate common outlet pipe sizes.

Injection moulded end connectors simply push together and can be sized to suit each channel by cutting out the appropriate pre-formed cut-out.

Access and silt boxes are supplied with ductile iron top covers.

Removeable silt basket supplied with silt boxes.

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whatever the weather.

Unique profile. Aids water management. Cuts maintenance.

ProSlot's unique channel shape is developed from our wide range of larger Slotdrain products. These are world famous for offering efficient but unobtrusive surface water drainage at airports, sea-ports and on other large-scale projects – especially in areas with rapidly changing, extreme weather conditions.

The principle works as well on a small scale as it does on these huge projects.

- Like Slotdrain, ProSlot is equally efficient at disposing of large and small volumes of surface water.

- Like Slotdrain, ProSlot's intake throat features a divergent taper that helps prevent blockages.

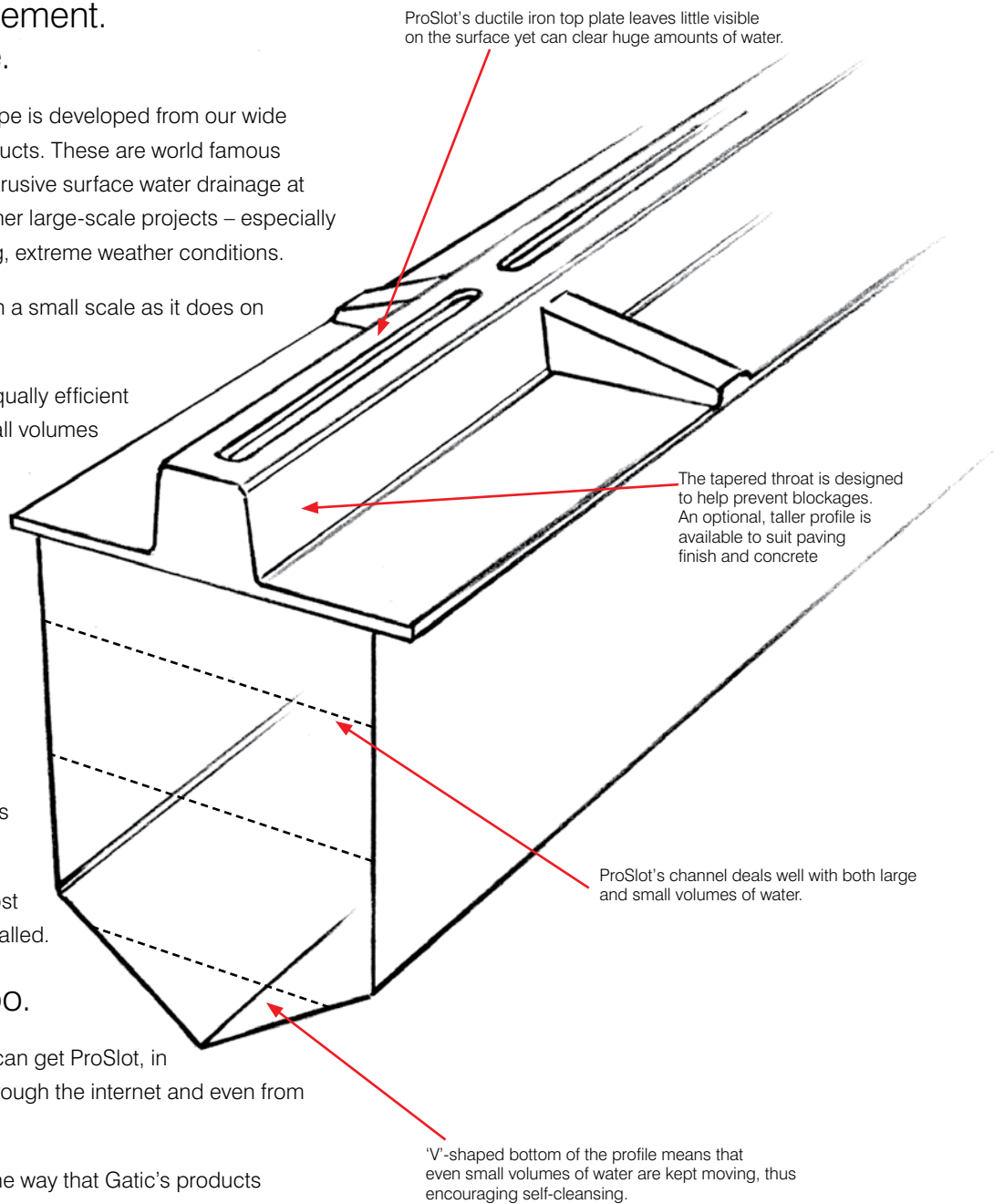
- Like Slotdrain, ProSlot has the same smooth, galvanised internal finish and 'V' section bottom to maintain good flow at low volume. This maximises self cleansing.

- And like Slotdrain, it's almost completely invisible once installed.

Easy availability too.

Unlike Slotdrain though, you can get ProSlot, in whatever quantity you like, through the internet and even from selected merchants.

This is a major departure in the way that Gatic's products are usually marketed but one which we feel you'll find useful and convenient. ProSlot will bring all the benefits of the larger Slotdrain systems to projects of the scope and scale that you might normally take on.



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ProSlot brings Slotdrain benefits to smaller projects.

Gatic makes life easier.

The launch of Gatic ProSlot means that for the first time, contractors will have easy access via the internet, to a state-of-the-art drainage system preferred by many specifiers and top architects. Gatic Slotdrain, from which ProSlot has been developed, has a world-wide reputation for excellence, efficiency and ease of installation. ProSlot takes this a step further and makes these benefits more easily available for less industrial projects.

From now on, smaller projects need not be limited by the shortcomings and inconveniences of traditional drainage systems simply because that is the only product available through the normal trade outlets. Simply log on to www.proslot.co.uk and follow the links.

We'll help you choose what you need.

Overleaf, you will find details of the range of components available, dimensions and other details to help you decide what would best suit your project. There is a helpline available on 01304 203545, should you need further guidance.

Visit us at www.proslot.co.uk to order online or to find your nearest local merchant.



Shopping centres



Gardens and open spaces



Schools and community amenities



Communal areas and urban landscaping



Walk-ways and pedestrian areas



Car parks and garage forecourts

Straightforward installation.

The following suggestions will help achieve a trouble free and successful installation. If however, you are unsure of any aspect of the processes described, you are advised to seek the advice of a suitably qualified engineer.

1. General Ground Conditions:

Ensure that the size of the suggested concrete surround for Gatic ProSlot installation is suitable for the existing ground conditions.

2. Asphalt Pavements:

When using Gatic ProSlot with a 'Cast' top in asphalt pavements, to achieve a good bond between the cast top, concrete and the asphalt, it is recommended that a suitable 'tack / bond coat' is used.

Contact between the compaction equipment and the channel should be avoided. Contact can be prevented by ensuring that the finished surface level lies above the 'slot' level by at least 3mm.

3. Block Pavements:

When using Gatic ProSlot with a 'Pave' top, the blocks or paving stones adjacent to the channel throat must be restrained from movement by bedding securely, using a suitable polymer modified mortar.

4. Concrete Pavements:

When using Gatic ProSlot with a 'Pave' top within a full concrete surround, crack control and movement joints may be required.

5. Installation Drawings:

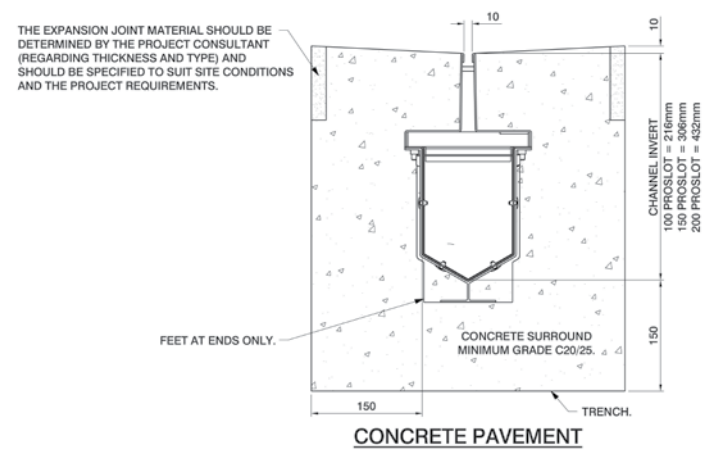
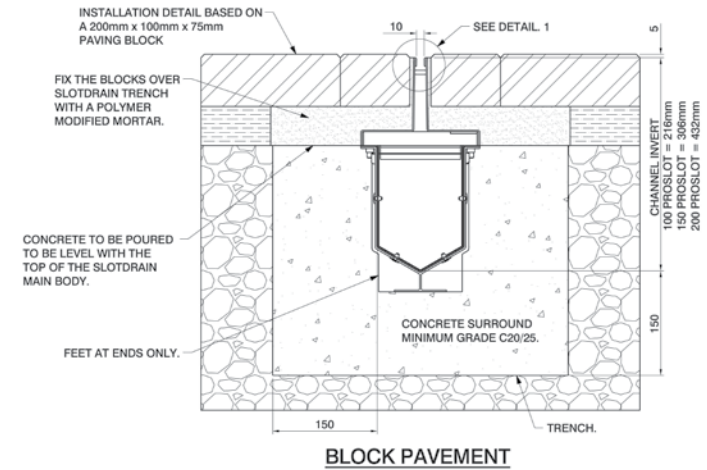
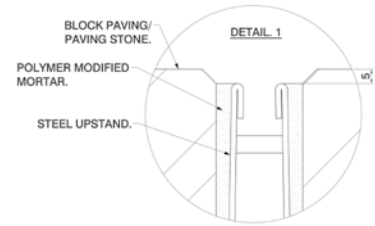
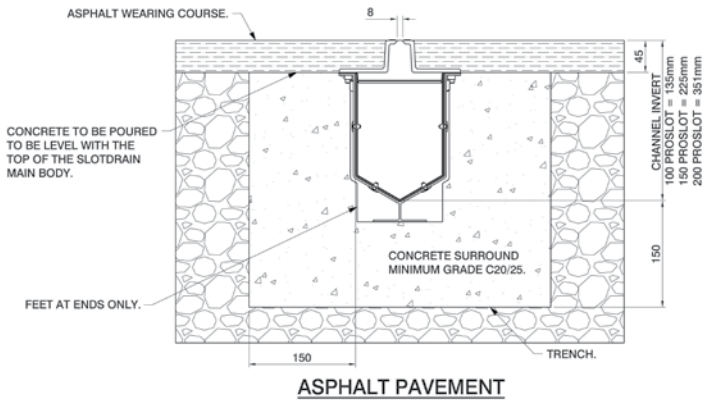
Detailed installation drawings for the ProSlot product range are available from www.proslot.co.uk

6. Certification and Place of Installation:

In accordance with BS EN 1433:2002, Gatic ProSlot is CE marked and Kitemarked (KM 91491) from load class A15 to D400* and is suitable for pedestrian streets (slow moving vehicles) and parking areas for all types of road vehicles.



*Gatic ProSlot is not suitable for carriageways, public roads or motorways. Engineering advice may be required.



Simple to choose. Simple to use.



Code	Product	Top	Drawing	Load Rating	Length (mm)		Width (w) (mm)	Depth (d) (mm)	Invert (i) (mm)	Throat Depth (t) (mm)	Slot Orifice (o) (mm)	Intake Area/ Metre (mm2)	Weight (kg)
A111005	PROSLOT 100	Cast	WC/4513/A	D400	1000		170	165	135	45	8	7272	15
A111010	PROSLOT 150	Cast	WC/4513/A	D400	1000		170	255	225	45	8	7272	17
A111015	PROSLOT 200	Cast	WC/4513/A	D400	1000		170	381	351	45	8	7272	20



Code	Product	Top	Drawing	Load Rating	Length (mm)		Width (w) (mm)	Depth (d) (mm)	Invert (i) (mm)	Throat Depth (t) (mm)	Slot Orifice (o) (mm)	Intake Area/ Metre (mm2)	Weight (kg)
A112005	PROSLOT 100	Pave	WC/4514/A	D400	1000		170	246	216	124	10	10000	13
A112010	PROSLOT 150	Pave	WC/4514/A	D400	1000		170	336	306	124	10	10000	15
A112015	PROSLOT 200	Pave	WC/4514/A	D400	1000		170	462	432	124	10	10000	18



Code	Product	Top	Drawing	Load Rating	Length (mm)		Width (w) (mm)	Depth (d) (mm)	Invert (i) (mm)	Throat Depth (t) (mm)	Slot Orifice (o) (mm)	Intake Area/ Metre (mm2)	Box Weight (kg)	Cover Weight (kg)	Total Weight (kg)
A211005	PROSLOT 100 Access Box	Cast	WC/4507/A	D400	500		170	165	135	45	NA	NA	6	9	15
A211010	PROSLOT 150 Access Box	Cast	WC/4507/A	D400	500		170	255	225	45	NA	NA	7	9	16
A211015	PROSLOT 200 Access Box	Cast	WC/4507/A	D400	500		170	381	351	45	NA	NA	8	9	17



Code	Product	Top	Drawing	Load Rating	Length (mm)	Width (w) (mm)		Depth (d) (mm)	Invert (i) (mm)	Throat Depth (t) (mm)	Slot Orifice (o) (mm)	Intake Area/ Metre (mm2)	Box Weight (kg)	Cover Weight (kg)	Total Weight (kg)
A212005	PROSLOT 100 Access Box	Pave	WC/4509/B	D400	500	170		246	216	124	10	5000	5	7	12
A212010	PROSLOT 150 Access Box	Pave	WC/4509/B	D400	500	170		336	306	124	10	5000	7	7	14
A212015	PROSLOT 200 Access Box	Pave	WC/4509/B	D400	500	170		462	432	124	10	5000	8	7	15
A311005	PROSLOT SILT BOX	Cast	WC/4515/A	D400	500	170		610	580	45	NA	N/A	17	7	24
A312005	PROSLOT SILT BOX	Pave	WC/4516/A	D400	500	170		691	661	124	10	5000	14	7	21
A411005	PROSLOT OUTLET MALE	NA	WC/4518/A	NA	NA	As Channel		NA	As Channel	NA	NA	NA	NA	NA	1
A411010	PROSLOT OUTLET FEMALE	NA	WC/4518/A	NA	NA	As Channel		NA	As Channel	NA	NA	NA	NA	NA	1



How to order ProSlot

Buy from your local merchant. Check online for your nearest stockist or call 01304 203545

Buy online at www.proslot.co.uk

Or simply buy over the phone.

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The development of ProSlot.



Original 1928 Gatic cover – still in service.



Decades of development mean Gatic covers are still the best.

Who are we?

Gatic ProSlot can trace its origins to as far back as 1928. That was the year when Gatic (then known as Elkington) installed one of its first products, a **Gas Air-Tight Inspection Cover**. The name Gatic is taken from this description.

So efficient and precisely engineered were these covers that some of them, like the one at the Shell garage in Malta (shown left) remain in service to this day. The engineering standards set back then are maintained today across all Gatic products.

Why Slotdrain?

The Slotdrain concept emerged as a result of the worldwide success of Gatic covers. The covers were increasingly being installed at large air and sea port locations, often in parts of the world, subject to extreme and sometimes, rapidly changing climatic conditions.

Something had to be done to effectively cope with the huge volumes of water, which could otherwise cause flash-floods and bring these vital facilities grinding to a halt. Slotdrain provided the answer.

The perfect solution – and no gratings

Slotdrain's unique profile enables it to deal with large or small amounts of water with equal efficiency and the system's modular design means it's relatively easy and quick to install and maintain on site. There are no separate gratings to get lost or broken.

The concept is easily scaleable and has been developed into a wide range of products to suit practically any drainage application.

Where does ProSlot fit in?

ProSlot is the latest development of the Slotdrain concept and brings it within practical and economic reach for smaller projects, which may previously have been unable to access its benefits. It is readily available for contractors to purchase via the Internet and selected merchants.

Purpose built

ProSlot differs in design from Slotdrain and has a simplified but equally effective profile that enables the use of a unique multifunctional fitting, designed to serve as an endplate to connect other components and further sections of channel. This is a major development, seriously reducing parts count and transforming the practicality of the Slotdrain concept for smaller urban landscaping, office car parks, walkways and even residential areas.

What does this mean to me?

With ProSlot, you can now buy a modern, efficient, fast to install and virtually maintenance-free, drainage system. A system that is convenient and easily accessible via the Internet or merchants, on a scale suited to your kind of projects. More importantly, a system from a company with a track record of success in some of the harshest environments in the world, stretching back over 80 years.



Gatic ProSlot is the logical development of the Slotdrain principle, proven around the world in the harshest conditions.



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website: www.proslot.co.uk

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Why Gatic ProSlot is better.

- ✓ No troublesome gratings
- ✓ Tapered throat to help prevent blockages
- ✓ Minimal visual impact
- ✓ Low maintenance
- ✓ Easy to install
- ✓ Easy to order
- ✓ Next day delivery

Buy from your local merchant. Check online for
your nearest stockist or call **01304 203545**

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Or simply buy over the phone.