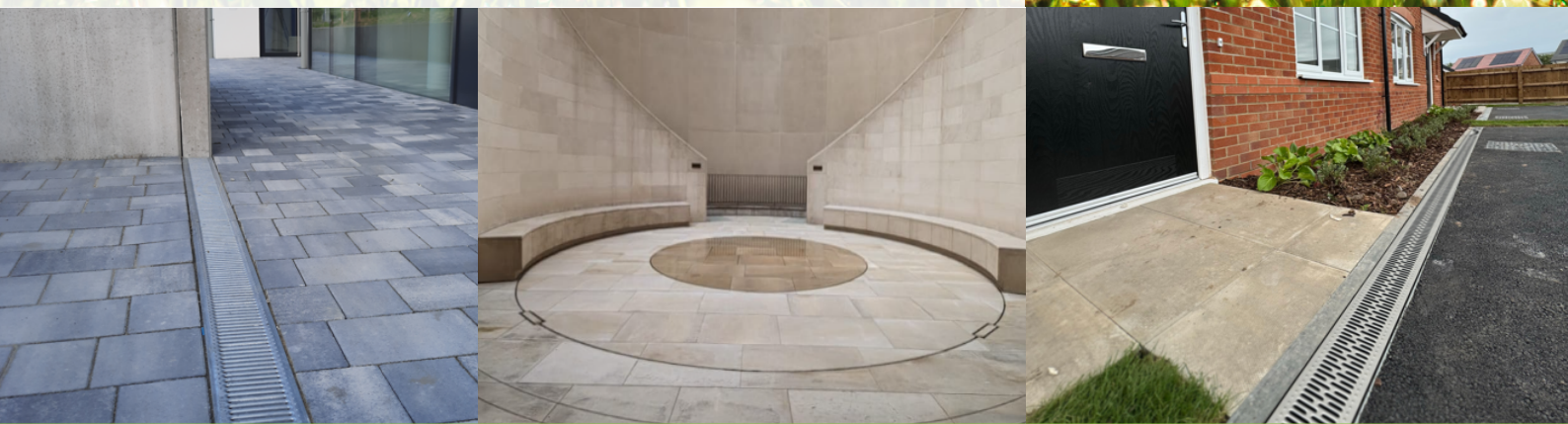




GRASPOINTNER  
Sustainable innovation.

## Home & Garden Range Overview. BG-Graspointner



Domestic Drainage & Landscaping

## Why **load classes** are important.






For most domestic and landscaping projects, a load class of up to C250 is sufficient. Driveways typically require a minimum of B125, but if heavier vehicles are expected, C250 would be more suitable.

Choosing the correct load class for each application ensures safety, performance, durability and compliance throughout your project.

This table shows different load classes to ensure you are using the recommended application for your project.

## Fields of Application

Classification as per EN 1433

Load Class	Application Area
 <b>A 15</b>	Traffic areas which are only used by pedestrians and cyclists and similar areas e.g. urban green and open spaces.
 <b>B 125</b>	Sidewalks, pedestrian areas and comparable areas, car parks or car parking decks, garages, driveways.
 <b>C 250</b>	Only applies to tops / drainage channels in the curbstone area which may extend 0.5 m into the carriageway and 0.2 m into the pavement, as measured from the curbside, and for roadsides not used by vehicles.
 <b>D 400</b>	Suited for use in roads, vehicular carriageways, high-traffic public areas (e.g. public car parks, transport hubs, bus and logistics stations).
 <b>E 600</b>	Private thoroughfares which are used by vehicles with heavy wheel loads, e.g. routes for industrial construction.
 <b>F 900</b>	Areas which are used by especially heavy wheel loads, e.g. air traffic areas of commercial airports.



# Contents.

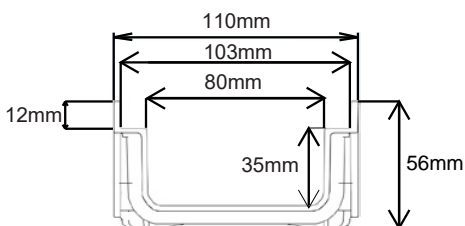
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BG-Plastic Self .....	1-2
BG-Plastic Self Plus .....	3-4
BG-Plastic Self Slot Plus .....	5-6
BG-Filcoten Self .....	7-10
BG-Plastic Threshold .....	11-12
BG-Plastic GrasGrid .....	13-14
BG-Filcoten Step .....	15-16



# BG-PLASTIC SELF

- Domestic Drainage Channel
- Quick and Easy to Install
- Height of 56mm
- Load Class A15
- Range of Accessories for easy Installation
- In compliance with EN 1433 Standards



## BG-Plastic Self Overview.

The BG Graspointner Plastic Self Range is available in Load Class A 15 with an option of Plastic or Galvanised Heel Safe slotted gratings.

Built from recycled polypropylene for high durability and strength for use in Domestic areas.

Each channel slots together which means no additional fixings or junctions as the channel connects at 90°.

End Caps with and without outlet are available as well as locking clips to keep the grating secure.

## Application Areas

- Paths and Patios
- Pedestrian Areas
- Garage Thresholds
- Block Paving



# BG-PLASTIC SELF

## Features



## Accessories

Item no.	PLASTIC self products	Load class	Weight	Pc./pallet
25010400	PLASTIC self NW 100 Channel H-56mm c/w PLAS Slotted Grate 1000mm	A 15	1.43 kg	190
25010401	PLASTIC self NW 100 Channel H-56mm c/w GALV Slotted Grate 1000mm	A 15	1.07 kg	190
29710400	PLASTIC self NW 100 End Caps		0.02 kg	
29710401	PLASTIC self NW 100 Outlet		0.10 kg	
29710402	PLASTIC self NW 100 Locking System		0.10 kg	



Galvanised steel slotted grate SW 10/100



Plastic slotted grate SW 10/100



End cap with outlet, plastic

# BG-PLASTIC SELF plus

- Domestic Drainage Channel
- Quick and Easy to Install
- Height of 75mm
- Load Class A15
- Range of Accessories for easy Installation
- In compliance with EN 1433 Standards



## BG-Plastic Self Plus Overview.

The BG Graspointner Plastic Self Plus Range is available in Load Class A 15 with an option of Plastic or Galvanised Heel Safe gratings.

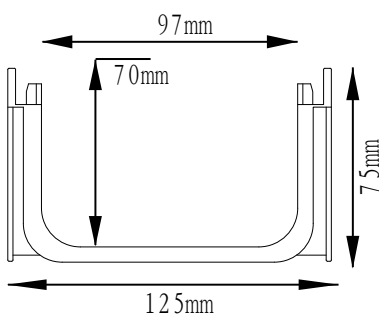
Built from recycled polypropylene for high durability and strength for use in Domestic areas.

Each channel slot together which means no additional fixings are required.

A full range of accessories are available to make installation quick and easy with the slot to fit mechanism.

## Application Areas

- Paths and Patios
- Pedestrian Areas
- Garage Thresholds
- Block Paving





# BG-PLASTIC SELF plus

## Features

### Grating Finish

- Plastic A15
- Galvanised A15

### Maximum Durability

Superior stability and durability with compressive strength far exceeding the requirements of EN 1433.



### Standard Outlets

Vertical outlet is possible in each channel body.

### Corners and T-Section

Channels designed to connect seamlessly at corners without the need of cutting, just interlock sections for a perfect fit.

## Accessories

Item no.	Description	Load Class	Weight (KG)	Pcs/Pallet
25010440	Plastic self Plus Domestic channel with black plastic grating	A 15	1.5kg	144
25010441	Plastic self Plus Domestic channel with galv. steel grating	A 15	1.9kg	144
29710443	Plastic self Plus outlet connector	N/A	0.10kg	1
29710444	Plastic self Plus end cap w/outlet DN50	N/A	0.10kg	1
29710408	Plastic self Plus Leaf Guard	N/A	0.10kg	1
29710409	Plastic self Plus Access Riser	N/A	0.10kg	1
25010480	Plastic self Plus Access /Junction unit with black plastic grating	N/A	0.40kg	1
25010481	Plastic self Plus Access /Junction unit with galv. steel grating (Low)	N/A	0.40kg	1



plastic end cap



bottom outlet connector



end cap with outlet,  
plastic



leaf guard



junction unit  
w/ galv grating

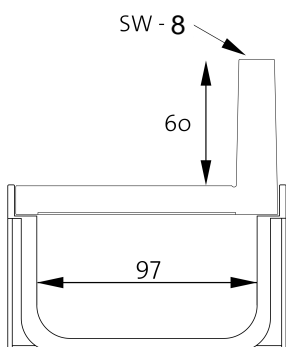


junction unit  
w/ plastic grating

# BG-PLASTIC SELF

## slot plus

- Domestic Drainage Channel
- Quick and Easy to Install
- Height of 75mm
- Up to Load Class B125
- Range of Accessories for easy Installation
- In compliance with EN 1433 Standards



### BG-Plastic Self Plus Overview.

The BG Graspointner Plastic Self Plus Range is available in Load Class up to B 125 with an option of A15 Plastic or B125 Galvanised finish Slot Top.

Built from recycled polypropylene for high durability and strength for use in Domestic areas.

Each channel slot together which means no additional fixings are required.

A full range of accessories are available to make installation quick and easy with the slot to fit mechanism.

### Application Areas

- Paths and Patios
- Pedestrian Areas
- Garage Thresholds
- Block Paving



# BG-PLASTIC SELF

## slot plus

### Features

#### Slot Finish

- Plastic A15
- Galvanised A15

#### Maximum Durability

Superior stability and durability with compressive strength far exceeding the requirements of EN 1433.

#### Standard Outlets

Vertical outlet is possible in each channel body.

#### Corners and T-Section

Channels designed to connect seamlessly at corners without the need of cutting, just interlock sections for a perfect fit.

### Accessories

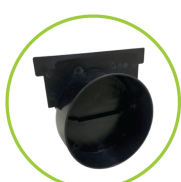
Item no.	Description	Load Class	Weight (KG)	Pcs/Pallet
25010840	Plastic self Plus Domestic channel with plastic Slot Top SH60-1000mm	A 15	1.6kg	98
25010841	Plastic self Plus Domestic channel with galv. Slot Top SH60-1000mm	B125	3kg	98
29710440	Plastic self Plus Endcap	N/A	0.10kg	1
29710443	Plastic self Plus outlet connector	N/A	0.10kg	1
29710444	Plastic self Plus end cap w/outlet DN50	N/A	0.10kg	1
29710408	Plastic self Plus Leaf Guard	N/A	0.10kg	1
29710409	Plastic self Plus Access Riser	N/A	0.10kg	1
25010480	Plastic self Plus Access /junction unit with black plastic grating	N/A	0.40kg	1
25010482	Plastic self Plus Access /junction unit with galv. steel grating (Tall)	N/A	0.40kg	1



plastic end cap



bottom outlet connector



end cap with outlet,  
plastic



leaf guard



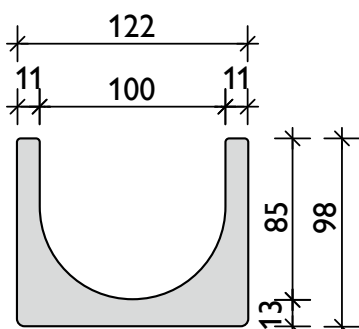
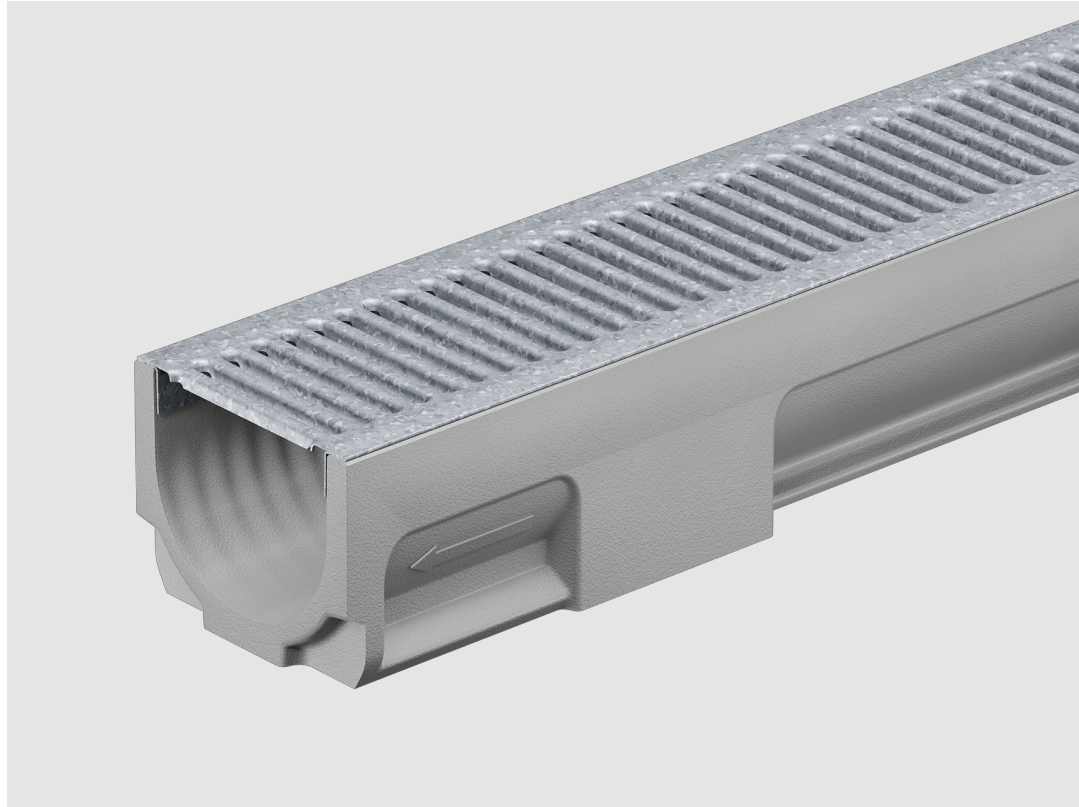
junction unit  
w/ plastic grating



junction unit  
w/ galv grating

# BG-FILCOTEN® self

- Domestic Drainage Channel
- Minimal Weight
- Quick & Easy Installation
- Height of 98mm
- Up to Load Class B125
- High Drainage Performance
- In compliance with EN 1433 Standards



## BG-FILCOTEN® self Overview.

Our BG-FILCOTEN self is exceptionally lightweight making it easy to handle thanks to its compact design - making it the perfect choice for a project in your home or garden.

Thanks to our FILCOTEN® HPC (High Performance Concrete) our channel is simultaneously light, robust and efficient as well as easy to install and maintain.

A full range of accessories and gratings up to B 125 are available.

## Application Areas

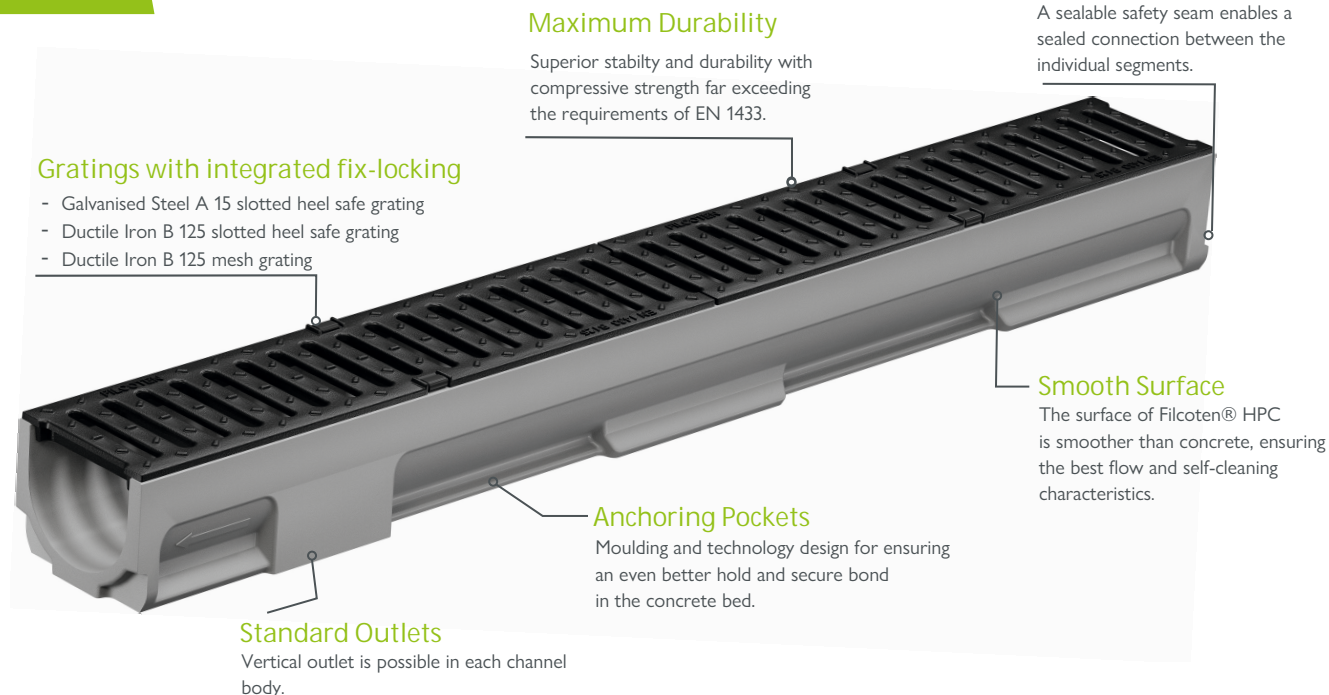
- Paths and Patios
- Pedestrian Areas
- Garage Thresholds
- Block Paving



# BG-FILCOTEN<sup>®</sup>

## self

### Features



### Accessories

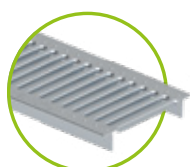
Item no.	SET-item	Load class	Weight	Pc./pallet
10710200	SET self L = 1000 mm incl. slotted grating SW 5/80	A 15	8.6 kg	48
10710280	SET self L = 500 mm incl. slotted grating SW 5/80	A 15	4.8 kg	48
10710100	SET self L = 1000 mm incl. ductile iron mesh grating MW 15/25	B 125	11.9 kg	48
10710180	SET self L = 500 mm incl. ductile iron mesh grating MW 15/25	B 125	8.9 kg	48
10710101	SET self L = 1000 mm incl. ductile iron slotted grating SW 10/85	B 125	11.0 kg	48
10710181	SET self L = 500 mm incl. ductile iron slotted grating SW 10/85	B 125	9.0 kg	48
Item no.	Accessories	Material	Weight	Pc./pallet
10710190	SET sump unit incl. ductile iron mesh grating and silt bucket		19.6 kg	10
10710191	SET sump unit incl. ductile iron mesh grating and silt bucket		19.8 kg	10
10710290	SET sump unit incl. slotted grating SW5/80 and silt bucket		17.8 kg	10
19010221	self front cap	galvanised	0.1 kg	
19010222	self end cap with outlet	galvanised	0.4 kg	



Ductile iron mesh grating  
MW 15/25



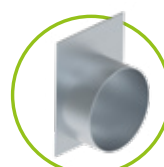
ductile iron slotted grating  
SW 10/85



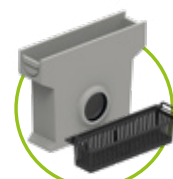
Slotted grating SW 5/80,  
galvanised



self front cap,  
galvanised



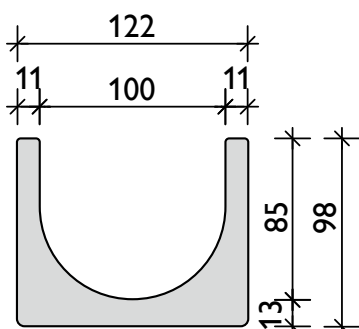
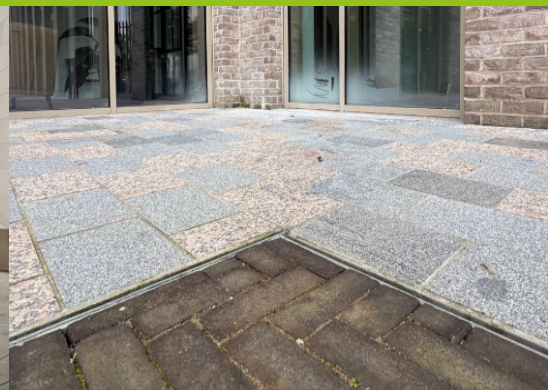
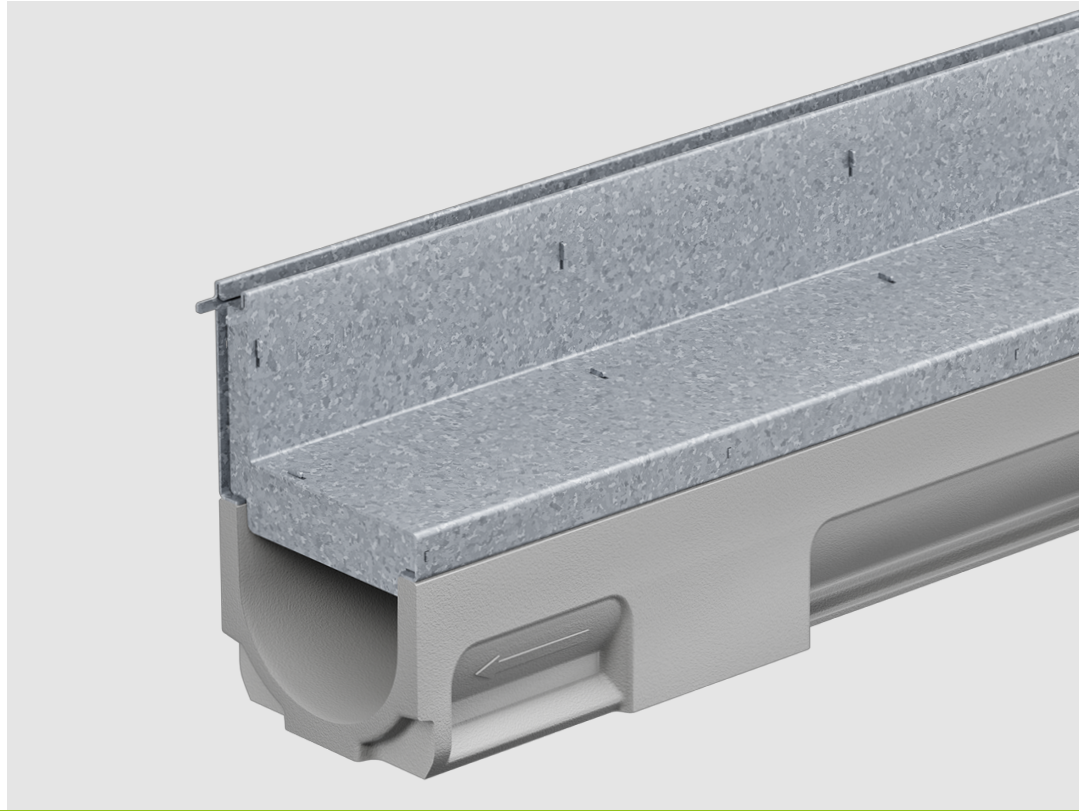
end cap with outlet,  
galvanised



self sump unit  
L = 500 mm incl. silt bucket  
made of plastic

# BG-FILCOTEN<sup>®</sup> self

- Domestic Drainage Channel
- Minimal Weight
- Quick & Easy Installation
- Height of 98mm
- Up to Load Class B125
- High Drainage Performance
- In compliance with EN 1433 Standards



## BG-FILCOTEN<sup>®</sup> self Overview.

Our BG-FILCOTEN self is exceptionally lightweight making it easy to handle thanks to its compact design - making it the perfect choice for a project in your home or garden.

Thanks to our FILCOTEN<sup>®</sup> HPC (High Performance Concrete) our channel is simultaneously light, robust and efficient as well as easy to install and maintain.

A full range of accessories and slot tops up to B 125 are available.

## Application Areas

- Paths and Patios
- Pedestrian Areas
- Garage Thresholds
- Block Paving



# BG-FILCOTEN® self

## Features

### Slot Tops

Slot Tops available in Galvanised and Stainless Steel in Load Class A 15 and B 125 including Maintenance Units.

### Maximum Durability

Superior stability and durability with compressive strength far exceeding the requirements of EN 1433.

### Safety Seam

A sealable safety seam enables a sealed connection between the individual segments.

### Smooth Surface

The surface of Filcoten® HPC is smoother than concrete, ensuring the best flow and self-cleaning characteristics.

### Anchoring Pockets

Moulding and technology design for ensuring an even better hold and secure bond in the concrete bed.

### Standard Outlets

Vertical outlet is possible in each channel body.

## Accessories

Item no.	Slot Top Items	Load class	Weight	Pc./pallet
10711000	BG-FILCOTEN, self NW 100, BH98, without slope	B 125	8.4 kg	48
10710080	BG-FILCOTEN, self NW 100, BH98, L=500 mm, without slope	B 125	6.43 kg	24
17110207	BG-FILCOTEN, slot top galvanised steel NW 100, asymmetric, SW 10, A15, 1000/123/94/SH80	A 15	2.87 kg	48
17110307	BG-FILCOTEN, slot top stainless steel NW 100, asymmetric, SW 10, A15, 1000/123/94/SH80	A 15	2.95 kg	48
10710203	SET self L = 1000 mm incl. slot top V NW 100, SW 12,5	B 125	12.1 kg	48
17110337	BG-FILCOTEN, slot top stainless steel NW 100, asymmetric, SW 12,5 B125, 1000/123/103/SH80	B 125	4.36 kg	48
Item no.	Accessories	Material	Weight	Pc./pallet
10710091	BG-FILCOTEN, self KIT NW 100, sump unit and silt bucket		17.2 kg	10
17110209	BG-FILCOTEN, maintenance unit galvanised steel NW 100, asymmetric, SW 10, A15, 500/123/94/SH80	galvanised	19.8 kg	10
17110309	BG-FILCOTEN, maintenance unit stainless steel NW 100, asymmetric, SW 10, A15, 500/123/94/SH80	stainless	19.8 kg	10
10710293	SET sump unit incl. maintenance unit B 125, SW 12,5 and silt bucket		21.1 kg	10
19010221	self front cap	galvanised	0.1 kg	
19010222	self end cap with outlet	galvanised	0.4 kg	



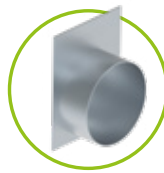
slot top class A 15,  
SH 80 mm, SW 10



slot top class B 125,  
SH 80 mm, SW 12,5



self front cap,  
galvanised



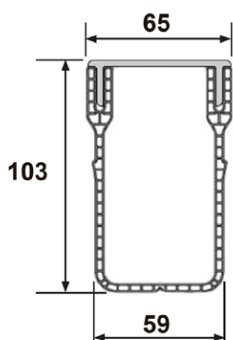
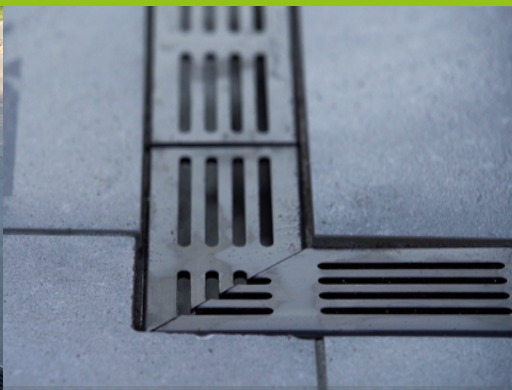
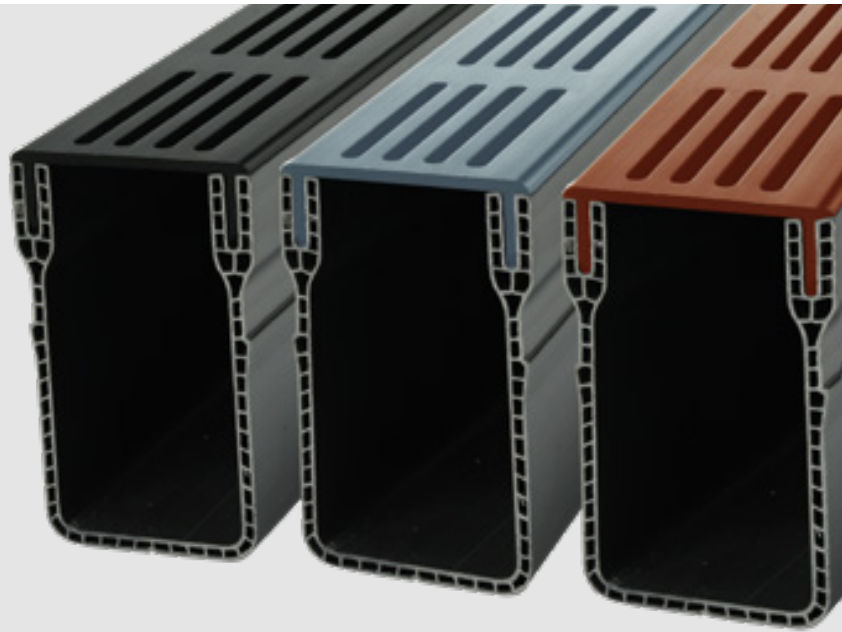
end cap with outlet,  
galvanised



self sump unit  
L = 500 mm incl. silt bucket  
made of plastic

# BG-PLASTIC threshold

- Domestic Drainage Channel
- Quick and Easy to Install
- Width of 65mm
- Load Class A15
- Range of Accessories for easy Installation
- In compliance with EN 1433 Standards



## BG-Threshold Overview.

The BG Graspointner Threshold range is designed for Domestic use, keeping water drained at external doors. Allowing water to be drained quickly and efficiently.

With a 65mm width it sits flush for maximum discretion.

Available in 4 finishes, a choice of Black/Grey Aluminum and Corten/ Stainless Steel Heel Safe Gratings.

This is Load Class A 15 with a wide range of Accessories including Corner Pieces and T-Pieces in the same aesthetic as your desired Threshold Option.

## Application Areas

- Paths and Patios
- Pedestrian Areas
- Garage Thresholds
- Block Paving

# BG-PLASTIC threshold

## Features

### Heel Safe Gratings

Available in 4 different finishes:

- Grey Aluminium
- Black Aluminium
- Stainless Steel
- Corten Steel

### Maximum Durability

Developed using high quality raw materials and processed using modern technologies delivering a high quality product for your project.

### Installation

Integrated system allows a seamless fitting across doorways, even accommodating drainage, sealing and structural needs in one component.

### Accessories

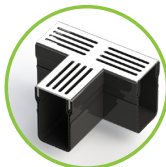
A full range of accessories including corner units and T-sections in a matching finish making installation quicker and simpler.

## Accessories

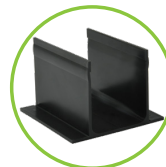
Item no.	PLASTIC threshold products w/ grey aluminium finish	Load class	Weight	Pc./pallet
25006401	PLASTIC threshold NW 65 channel, H 100, L 1000 mm	A 15	1.71 kg	100
25006402	PLASTIC threshold NW 65, H 100, corner 90°	A 15	0.4 kg	2
25006403	PLASTIC threshold NW 65, H 100, T-section	A 15	0.5 kg	2
Item no.	PLASTIC threshold products w/ black aluminium finish	Load class	Weight	Pc./pallet
25006411	PLASTIC threshold NW 65 channel, H 100, L 1000 mm	A 15	1.71 kg	100
25006412	PLASTIC threshold NW 65, H 100, corner 90°	A 15	0.4 kg	2
25006413	PLASTIC threshold NW 65, H 100, T-section	A 15	0.5 kg	2
Item no.	PLASTIC threshold products w/ corten steel finish	Load class	Weight	Pc./pallet
25006421	PLASTIC threshold NW 65 channel, H 100, L 1000 mm	A 15	2.9 kg	100
25006422	PLASTIC threshold NW 65, H 100, corner 90°	A 15	0.68 kg	2
25006423	PLASTIC threshold NW 65, H 100, T-section	A 15	0.8 kg	2
Item no.	PLASTIC threshold products w/ stainless steel finish	Load class	Weight	Pc./pallet
25006431	PLASTIC threshold NW 65 channel, H 100, L 1000 mm	A 15	2.24 kg	100
25006432	PLASTIC threshold NW 65, H 100, corner 90°	A 15	0.57 kg	2
25006433	PLASTIC threshold NW 65, H 100, T-section	A 15	0.65 kg	2
Item no.	Accessories	Load class	Weight	Pc./pallet
29706410	PLASTIC threshold connector	N/A	0.09 kg	50
29706411	PLASTIC threshold connector w / outlet DN 80	N/A	0.1 kg	50
29706400	PLASTIC threshold closed end cap	N/A	0.03 kg	50
29706401	PLASTIC threshold end cap w / outlet DN 50	N/A	0.03 kg	50
29706412	PLASTIC threshold connector/outlet PVC DN100	N/A	0.25 kg	50



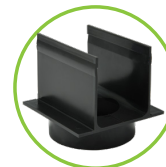
corner 90°



T-section



connector



connector w/ outlet DN 80



closed end cap



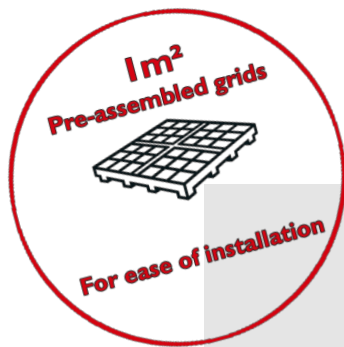
end cap w / outlet DN 50



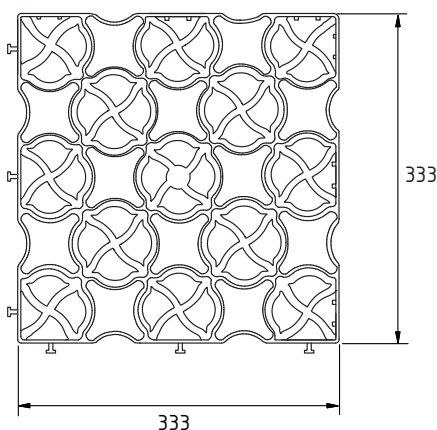
100mm bottom outlet



# BG-PLASTIC GrasGrid



- Ground Reinforcement Grid
- Quick and Easy to Install
- Pre-assembled 1m<sup>2</sup> (3x3 grids)
- Maximum load of 5,990kN/m<sup>2</sup>
- Superior Design: Stronger & more Durable
- Interlocking System
- In compliance with PTV 828 Standard



## BG-GrasGrid Overview.

The BG Graspointner GrasGrid is a high quality porous paving system made from 100% recycled plastics.

This means it is highly durable, environmentally friendly and strong.

The interlocking system allows for expansion and secure connections making installation efficient and secure.

These come in pre-assembled 1m<sup>2</sup> with parking delineators available.

With a grass or gravel finish, the paved area allows rainfall to drain through easily and is stable enough for vehicle use.

## Application Areas

- Car Parks
- Driveways/Landscaping

# BG-PLASTIC

## GrasGrid

### Features



### Accessories

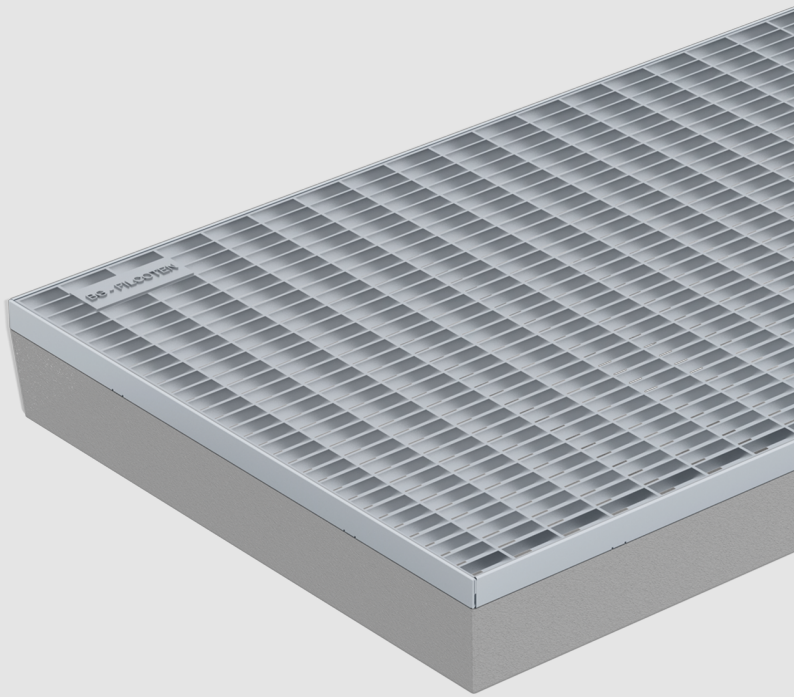
Item no.	GrasGrid Products	Weight	Pc./pallet
80090500	GrasGrid, Porous grid with integrated T-connector/slots, 333x333x40mm, black	0.46 kg	504
Item no.	Accessories	Weight	Pc./pallet
80090598	GrasGrid, Parking delineator insert, yellow	0.05 kg	
80090599	GrasGrid, Parking delineator insert, white	0.05 kg	



parking delineator (white/yellow)

# BG-FILCOTEN<sup>®</sup> step

- Quick and Easy to Install
- Walkable and Wheelchair accessible
- Easy Cleaning
- Lightweight Construction
- In compliance with EN 1433 Standards



## BG-FILCOTEN<sup>®</sup> step Overview.

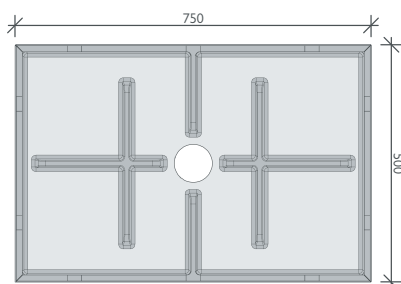
The BG-Filcoten step is the first shoe scraper made of Filcoten HPC. With all the resulting positives: lightweight construction and high stability.

Our well-engineered design ensures a firm fit and easy installation.

Available in three different size options with three different walkable and wheelchair accessible finishes.

## Application Areas

- Private Entrances
- Main Entrances
- Side Entrances
- Commercial Buildings



step 750/500/80  
(smaller and larger alternative available)



## Features

### Rubber profile mat, black

- Can also be used in exposed areas
- Wheelchair accessible and washable

### Ribbed mat, anthracite

- For reliable shoe dust and dirt removal
- For roofed areas
- Durable, robust, easy to vacuum

### Mesh grating MW 30/10

- Galvanised steel, tough, corrosion-resistant
- Recommended in exposed areas

### Galvanised steel edge

- Galvanised for a long service life
- Clean and elegant connection for surrounding surfaces

### Outlet

- Infiltration or sewer connection
- DN 100

### Box made of FILCOTEN® HPC

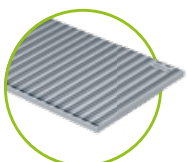
- smooth, highly homogeneous surface thanks to FILCOTEN® HPC (High Performance Concrete)
- Surface affords easy cleaning

### Your benefits at a glance:

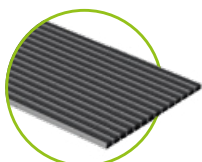
- Keeps entrances clean – with mesh grating, ribbed mat or rubber mat
- Secure hold, no shifting when shoe scraping
- Very easy to handle, perfect for self-installation
- Three different sizes are available

## Accessories

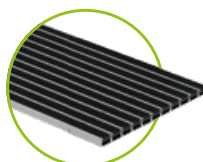
Item no.	Shoe-scraper box	Material	Weight	Pcs./Pallet
14155001	step, 600/400/80	FILCOTEN® HPC	13.5 kg	20
14155002	step, 750/500/80	FILCOTEN® HPC	21.7 kg	20
14155003	step, 1000/500/80	FILCOTEN® HPC	28.6 kg	10
Item no.	Gratings	Material	Weight	Pcs./Pallet
17555001	Mesh grating, 600/400/20, MW30/10	galvanised steel	4.4 kg	100
17555002	Mesh grating, 750/500/20, MW30/10	galvanised steel	6.9 kg	60
17555003	Mesh grating, 1000/500/20, MW30/10	galvanised steel	8.5 kg	30
17555011	Rubber mat, anthracite, 600/400/20	Alu / ribbed	3.0 kg	100
17555012	Rubber mat, anthracite, 750/500/20	Alu / ribbed	4.7 kg	60
17555013	Rubber mat, anthracite, 1000/500/20	Alu / ribbed	6.3 kg	30
17555021	Rubber profile mat, black, 600/400/20	Alu / rubber	4.3 kg	100
17555022	Rubber profile mat, black, 750/500/20	Alu / rubber	6.7 kg	60
17555023	Rubber profile mat, black, 1000/500/20	Alu / rubber	8.9 kg	30



Mesh grating MW30/10  
galvanised steel



Rips-mat  
anthracite



Rubber profile-mat  
black

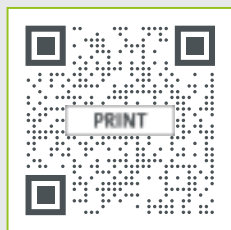








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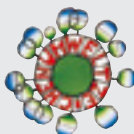


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