

Product Guide
Effective from 1st January 2022

P22

ACO Civils + Infrastructure

Drainage solutions for
civil engineering and
infrastructure projects

Why choose ACO Water Management: Civils + Infrastructure products?

ACO Water Management: Civils + Infrastructure supplies intelligent solutions for civils drainage professionals.

The portfolio offers a wide variety of surface water management systems designed to provide the optimum solution in stormwater control.

Suitable for a range of applications including parking areas, retail and commercial developments, highways and residential



































developments, the product range includes oil separators, stormwater attenuation and infiltration systems, high capacity and channel drainage systems to suit all specifications.

These products save contractors' time and stockists' space by keeping the product ranges strictly relevant to the civils market requirements.

This document details products in the ACO Water Management: Civils + Infrastructure ranges.










These ranges fall into two primary categories: the first, **Surface Water Drainage**, deals with the direct and immediate collection and drainage of surface water from a particular area. The second, **Stormwater Control**, deals with the storage and control of accumulated water that may be from more than one drained area.

ACO Water Management: Civils + Infrastructure Product Selector







PRODUCT	ACO MULTILINE SEALIN	ACO MULTIDRAIN MD SYSTEM	ACO MULTIDRAIN PPD SYSTEM	ACO LIGHTPOINT	ACO S RANGE	ACO SLIMLINE	ACO MULTISLOT	ACO MONODRAIN	ACO ROADRAIN
LOAD CLASS									
APPLICATIONS	PAGE 8	PAGE 10	PAGE 12	PAGE 42	PAGE 43	PAGE 49	PAGE 50	PAGE 51	PAGE 63
THRESHOLD DRAINAGE	✓	✓	✓	✗	✗	✗	✗	✗	✗
DOMESTIC LANDSCAPING	✗	✗	✗	✗	✗	✗	✗	✗	✗
PUBLIC LANDSCAPING	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAR PARKING	✓	✓	✓	✓	✓	✗	✓	✓	✓
HGV PARKING	✓	✓	✓	✗	✓	✗	✗	✓	✓
PETROL STATION DELIVERY AREA	✗	✗	✗	✗	✓	✗	✗	✗	✗
LIGHT INDUSTRIAL	✓	✓	✓	✗	✓	✗	✗	✓	✓
HEAVY	✗	✗	✗	✗	✓	✗	✗	✗	✓
PUBLIC HIGHWAYS	✗	✗	✗	✗	✗	✗	✗	✗	✓
DISTRIBUTION YARDS	✗	✗	✗	✗	✓	✗	✗	✗	✓
AIRPORT (AIRSIDE)	✗	✗	✗	✗	✓	✗	✗	✗	✓
PORT AND DOCK SIDES	✗	✗	✗	✗	✓	✗	✗	✗	✓
SECURITY AREAS	✗	✗	✗	✗	✓	✗	✗	✗	✓
SUDS	✓	✓	✓	✓	✓	✓	✓	✓	✓
PRODUCT TYPE									
HYDRAULIC CAPACITY									
GRATING CHOICE						NA			NA

Key:

PRODUCT TYPE

-  CHANNEL DRAINAGE
-  CHANNEL LIGHTING SYSTEMS
-  LANDSCAPING SYSTEMS
-  OIL SEPARATORS
-  COMBINED KERB DRAINAGE
-  ATTENUATION / INFILTRATION SYSTEMS
-  MONOCAST CHANNEL DRAINAGE
-  VORTEX FLOW CONTROL
-  SLOT DRAINAGE

LOAD CLASSES AND TYPICAL USES

-  **A 15:** Pedestrian, cycleways, minimally trafficked area (light domestic vehicles only)
-  **D 400:** Public highways, parking areas for all types of vehicles.
-  **B 125:** Pedestrian precincts, light vehicles, private car parks.
-  **E 600:** Industrial areas, heavy wheel loads, slow-moving HGV's and forklifts, service stations.
-  **C 250:** Parking areas, service stations (cars) and slow-moving light commercial vehicles.
-  **F 900:** Airport runways, very heavy industrial and military installations, service yards and lorry parks.

*Not suitable for carriageways of public roads or motorways.

In addition, ACO have added the **Rail, Sports** and **Wildlife** ranges to this product guide. For Rail please go to page 113. For Sports please go to page 116 and for the Wildlife range go to page 122.

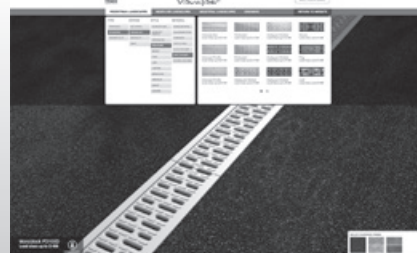


Surface + Grating Visualiser

A clever, yet easy to use software program that visualises how our range of grating designs could look in your project.

To make specification easier, the software will suggest our most suitable ranges based on the project requirements.

You can then select from the available options and visualise how these may look in different surface finishes. Once a choice is made, a simple, yet detailed specification



sheet provides full product information. Visit www.aco.co.uk/gratingvisualiser to find out more.

ACO H RANGE RD	ACO H RANGE SD	ACO KERBDRAIN	ACO QMAX	ACO Q-CEPTOR	ACO QUADRACEPTOR	ACO STORMBRIX	ACO Q-BRAKE VORTEX	ACO Q-PLATE	ACO SUDS SWALE INLET
				NA	NA	NA	NA	NA	NA
PAGE 66	PAGE 70	PAGE 72	PAGE 91	PAGE 106	PAGE 108	PAGE 109	PAGE 112	PAGE 112	PAGE 120
×	×	×	×	×	×	×	×	×	×
×	×	×	×	×	×	✓	×	×	×
✓	✓	✓	✓	×	×	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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✓	×	×	✓	✓	✓	✓	✓	✓	×
✓	×	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
									NA
									NA
NA	NA	NA		NA	NA	NA	NA	NA	NA

SUITABILITY

✓ RECOMMENDED
× NOT RECOMMENDED

HYDRAULIC CAPACITY

LOW MEDIUM HIGH

GRATING CHOICE

LIMITED SMALL WIDE



General information

ACO products are subject to weight and dimensional tolerances. The weights and dimensions shown in this document are for guidance purposes only. ACO products are made from naturally occurring materials and may be subject to variations in colour, texture and marking. These aesthetic variations do not affect the performance or functionality of our goods. The appearance of products shown in our company documentation is for illustration purposes only.



Compliance documentation for ACO products that are covered by the Construction Products Regulation can be downloaded at www.aco.co.uk

ACO Water Management: Civils + Infrastructure

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ACO Water Management

Contact Details



Registered Office Address and Contact Details:

ACO Technologies plc
ACO Business Park
Hitchin Road
Sheffield
Bedfordshire, UK
SG17 5TE

Tel: +44(0)1462 816666
Fax: +44(0)1462 815895
Email: technologies@aco.co.uk

Company Registration No: 1854115
VAT No: GB 650 7977 05

www.aco.co.uk

ACO Water Management Sales Office:

Tel: 01462 816666
Fax: 01462 815895
Email: customersupport@aco.co.uk

- Product availability, delivery lead times, and all other order queries including collections, returns and complaints.

ACO Water Management Project Pricing:

Tel: 01462 816666
Fax: 01462 815895
Email: awmprojects@aco.co.uk

- A complete pricing service to stockists, contractors and clients.

ACO Water Management Design Services Team:

Tel: 01462 816666
Fax: 01462 851081
Email: technical@aco.co.uk

- Technical and installation advice.
- Detailed design and “Value Engineering” advice.
- Hydraulic calculations and AutoCAD drawings.
- Advice on the suitability of ACO equivalent products.

ACO Stormwater Management:

Tel: 01462 816666
Email: uk-swc@aco.co.uk

- Dedicated stormwater management team for all commercial and technical queries

Product Training – ACO Academy:

Tel: 01462 816666
Fax: 01462 815895
Email: academy@aco.co.uk

- Bespoke training workshops held in person at our Head Office in Sheffield or your branch/office and hosted online via live streaming or recorded content. Some training services are certified by CPDSO.
- ACO Academy is a flexible training resource that provides a range of courses that will keep you up to date with all the latest developments.

Training is available

- Online
- At branch
- Academy – Sheffield

Marketing & Media Support:

Tel: 01462 816666
Fax: 01462 815895
Email: marketing@aco.co.uk

- For all product brochures or imagery requests.

ACO Water Management: Civils + Infrastructure

Lead Times and Delivery Charges - effective from 1st January 2022

Deliveries		Stock Yard Deliveries	Site Delivery
Product	Lead Time	Minimum Order Value	Minimum Order Value

Core Stock Products

MultiDrain® M100D channels	4 days	<ul style="list-style-type: none">• > £2,000 nett. Full packs only.• A charge of £225 applies for orders or call-offs below £2,000 nett.	<ul style="list-style-type: none">• > £4,500 nett.• A charge of £225 applies for orders or call-offs below £4,500 nett.
MultiDrain® M100D gratings*			
MultiDrain® M150Dand M200D channels and gratings*			
S100 1-20 constant and sloping channels			
All accessories for above products can be ordered separately			

Non Core Stock Products

Non Core Stock Products				
MultiDrain® M100PPD/M150PPD/M200PPD channels	4 days		<ul style="list-style-type: none">• > £2,000 nett. Full packs only.• A charge of £120 applies for orders or call-offs below £2,000 nett.	<ul style="list-style-type: none">• > £4,500 nett.• A charge of £120 applies for orders or call-offs below £4,500 nett.
MonoDrain™ PD100D/PD150D (black)				
RoadDrain® 100				
KerbDrain®				
Slimline®	10 days			
MultiDrain® M100D Channel Footpath Drainage				
MultiDrain® M100D/M100PPD, M150D/M150PPD and M200D/M200PPD galvanised Brickslot ST gratings				
S100 21-30 constant and sloping channels, S150, S200, S300				
RoadDrain® 200				
Polymer concrete repair kit				
Multiline Sealin	Call Sales for best delivery			
Qmax® and Qmax® accessories				
MonoDrain™ PD100D/PD150D (natural, grey)				
H Range				
SuDS Swale Inlet				

Non Core Stock Products (Stormwater Control)

Non-Core Stock Products (Semi-water control)			
Q-Cepto	Call Sales for best delivery	• No minimum order value.	• No minimum order value.
Q-Brake Vortex			
QuadraCepto		• A charge of £250 applies for orders or call-offs below £5,000 nett	• A charge of £250 applies for orders or call-offs below £5,000 nett
Q-Plate			
Q-Chamber			
V-Septor			
StormBrixx	• A charge of £40 applies for orders or call-offs below £250 nett	• A charge of £40 applies for orders or call-offs below £250 nett	
Separator Alarms			

Other Products

MultiDrain® M100DS / M150DS / M200DS channels and gratings (inc. Stainless steel Brickslot ST gratings).	Call Sales for best delivery	<ul style="list-style-type: none"> > £2,000 nett. A charge of £120 applies for orders or call-offs below £2,000 nett. 	<ul style="list-style-type: none"> > £4,500 nett. A charge of £120 applies for orders or call-offs below £4,500 nett.
Gratings to special order			
LightPoint			
Drain Specials			
Rail		<ul style="list-style-type: none"> A charge of £50 applies for orders or call-offs below £2,500 nett. 	<ul style="list-style-type: none"> A charge of £50 applies for orders or call-offs below £2,500 nett.
Sport			
Combipoint SSA, Infiltration Channel Outlets, Overflow Gullies			
Wildlife			

*Please see specific product pages as some grating lead times may vary.

Important Notes:

Areas	This document refers to England and Wales excluding post code areas (For Channel Islands, Isle of Wight, Isle of Man, N. Ireland & Eire please contact the Sales Office).					
Pack Quantities	This document refers to Scotland excluding post code areas IV, KW, AB, HS and ZE, for these post codes please contact the Sales Office.					
Customer orders	Minimum recommended order quantities are shown against individual products in this product guide.					
	ACO do not accept verbal orders. Written orders can be sent via fax, e-mail or EDI.					
Order Cut Off Times	All orders for stock items accepted before 12 noon will be delivered 3 working days later (for 4 day lead times) and are subject to public holidays.					
	Orders received by 12.00 noon on:	Monday	Tuesday	Wednesday	Thursday	Friday
	Delivery due:	Thursday	Friday	Monday	Tuesday	Wednesday
Lead Times	Lead times quoted are subject to availability and order volumes.					
Deliveries	Standard deliveries are Monday to Friday between 8am and 5pm, out of hour's delivery may be possible POA. Please contact the Sales Office for further details.					
Delivery Offload	All deliveries are made on curtain-sided vehicles for off-load by the customer. Specialist offload services may be available, check for availability and price*. This may have an impact on lead times.					
Delivery Postponement	Postponement of deliveries must be received a minimum of 48 hours prior to date of delivery and a charge may be incurred for storage.					
Scheduled Order Agreement	A scheduled order agreement may be required for specials and call offs.					
Order Amendments	Any amendment request must be in writing and may affect quoted lead times/prices.					
Order Cancellations	Order cancellations must be received in writing and are subject to the current status of the order i.e. processed, picked or en-route. Charges may apply.					
Stock Returns	Returns are subject to prior written agreement and a 35% re-stocking charge. Additional transport charges may apply. Goods must be in a re-saleable condition as delivered, safely palletised and labelled prior to collection.					

Delivery Charges

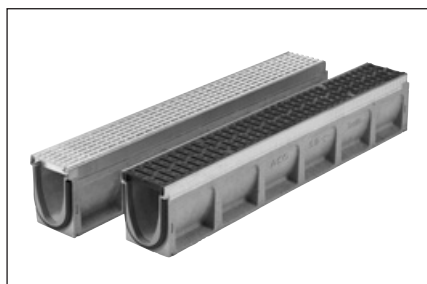
Standard delivery is £225.00 for core stock products and £120.00 for non core stock products where applicable and Stormwater Control are in the table above. Other delivery services are available. Please contact the Sales Office for pricing and lead times.

This document is in addition to our standard Conditions of Sale which can be found at the back of this product guide. Further copies are also available from the ACO Water Management Sales Office. To contact the Sales Office please call 01462 816666.

Collection:

- Collections must be pre-arranged 48 hours or more prior to collection date
- ACO collection reference must be quoted at time of collection
- Collections only possible Monday to Friday between 8am and 4pm

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ACO Multiline Sealin

Suitable for load class applications A 15, B 125, C 250, D 400†

Description

ACO Multiline Sealin integrated seal channel drainage system.

All channels are manufactured from polymer concrete with integrated seal, and have 100mm internal width with galvanised steel protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

ACO Multiline Sealin polymer concrete constant depth channels, 1000mm galvanised steel rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
132330	Multiline Sealin V100S 0.0	1000	135	150	15.0	24	Call Sales
132340	Multiline Sealin V100S 5.0	1000	135	175	17.1	24	Call Sales
132350	Multiline Sealin V100S 10.0	1000	135	200	19.6	24	Call Sales
132370	Multiline Sealin V100S 20.0	1000	135	250	22.3	12	Call Sales



ACO Multiline Sealin V100S 0.0

ACO Multiline Sealin polymer concrete constant depth channels, 500mm galvanised steel rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
132332	Multiline Sealin V100S 0.1	500	135	150	8.5	10	Call Sales
132342	Multiline Sealin V100S 5.1	500	135	175	9.4	10	Call Sales
132352	Multiline Sealin V100S 10.1	500	135	200	10.4	10	Call Sales
132372	Multiline Sealin V100S 20.1	500	135	250	12.3	10	Call Sales



ACO Multiline Sealin V100S 0.1

ACO Multiline Sealin polymer concrete constant depth channels with vertical outlet, 500mm galvanised steel rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
132333	Multiline Sealin V100S 0.2*	500	135	150	9.1	10	Call Sales
132343	Multiline Sealin V100S 5.2*	500	135	175	10.2	10	Call Sales
132353	Multiline Sealin V100S 10.2*	500	135	200	11.3	10	Call Sales
132373	Multiline Sealin V100S 20.2*	500	135	250	13.2	10	Call Sales



ACO Multiline Sealin V100S 0.2*

ACO Multiline Sealin polymer concrete sloping depth channels, 1000mm galvanised steel rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
132301	Multiline Sealin V100S No 1	1000	135	150/155	15.0	12	Call Sales
132302	Multiline Sealin V100S No 2	1000	135	155/160	15.5	12	Call Sales
132303	Multiline Sealin V100S No 3	1000	135	160/165	16.0	12	Call Sales
132304	Multiline Sealin V100S No 4	1000	135	165/170	16.5	12	Call Sales
132305	Multiline Sealin V100S No 5	1000	135	170/175	17.0	12	Call Sales
132306	Multiline Sealin V100S No 6	1000	135	175/180	17.5	12	Call Sales
132307	Multiline Sealin V100S No 7	1000	135	180/185	18.0	12	Call Sales
132308	Multiline Sealin V100S No 8	1000	135	185/190	18.5	12	Call Sales
132309	Multiline Sealin V100S No 9	1000	135	190/195	19.0	12	Call Sales
132310	Multiline Sealin V100S No 10	1000	135	195/200	19.5	12	Call Sales



ACO Multiline Sealin V100S

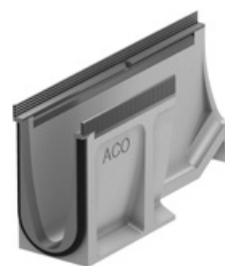
* Indicates channels supplied with vertical liquid-tight pipe connection Ø110mm

† Not suitable for carriageways of public roads or motorways.

Note: Gratings supplied separately, please refer to pages 14 and 15. ACO Brickslot ST galvanised steel gratings also available for this channel system, please see page 16. For gully details please refer to page 71.

ACO Multiline Sealin polymer concrete step channel, galvanised steel rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
132375	Step unit channel 10-20	500	135	250	15.0	6	Call Sales



Step unit channel 10-20

ACO Multiline Sealin sump unit with galvanised steel rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
132391	ACO Multiline Sealin Sump 0-10, 110mm outlet with plastic silt bucket	500	135	460	26.9	10	Call Sales
132398	ACO Multiline Sealin Sump 0-10, 160mm outlet with plastic silt bucket	500	135	460	26.9	10	Call Sales
132392	ACO Multiline Sealin Sump 0-20, 110mm outlet with plastic silt bucket	500	135	610	34.7	10	Call Sales
132399	ACO Multiline Sealin Sump 0-20, 160mm outlet with plastic silt bucket	500	135	610	34.7	10	Call Sales



ACO Multiline Sealin Sump 0-10, 110mm outlet w. bucket

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
132385	Universal closing endcap V100S 0-20	1.6	10	Call Sales
132846	Outlet 110mm diameter 30mm length V100S 0	1.4	6	Call Sales
132847	Outlet 110mm diameter 30mm length V100S 5	1.5	6	Call Sales
132848	Outlet 110mm diameter 30mm length V100S 10	1.7	6	Call Sales
132849	Outlet 110mm diameter 30mm length V100S 20	2.3	6	Call Sales
132723	Adaptor for flow direction change V100S 0	1.8	6	Call Sales
132724	Adaptor for flow direction change V100S 5	1.9	6	Call Sales
132725	Adaptor for flow direction change V100S 10	2.1	6	Call Sales
132726	Adaptor for flow direction change V100S 20	2.7	6	Call Sales
132756	Adaptor for corner, T and cross connection V100S 0	1.0	6	Call Sales
132757	Adaptor for corner, T and cross connection V100S 5	1.1	6	Call Sales
132758	Adaptor for corner, T and cross connection V100S 10	1.3	6	Call Sales
132759	Adaptor for corner, T and cross connection V100S 20	1.8	6	Call Sales
132495	Silicone grease ♦	0.1	5	4 Days
02769	Leaf trap 110mm diameter	0.5	10	Call Sales
0056	820 Drain union PVC-U Ø110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2640	920 Foul air-trap PVC-U Ø110mm	0.5	5	4 days
32599	Polymer concrete repair kit †	1.0	1	10 days

† Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

♦ Silicone grease

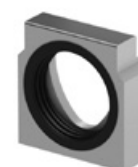
Corresponds to the guideline of the UBA for sanitary lubricants, food-technical lubricant according to EN ISO 21469, suitable for drinking water, O-ring compatible.

Contents: 23g

0.0 approx. 40 channel seals

10.0 approx. 30 channel seals

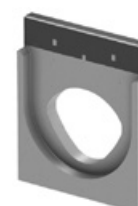
20.0 approx. 20 channel seals



Outlet 110mm diameter 30mm length V 100S 0



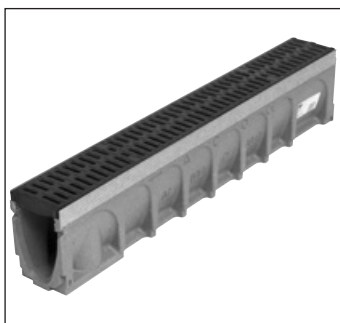
Adaptor for flow direction change V100S 0.



Adaptor for corner, T and cross connection V100S 0



Polymer concrete repair kit



ACO MultiDrain® M100D

Suitable for Load Class applications A 15, B 125, C 250, D 400†



Description

ACO MultiDrain® M100D general purpose channel drainage system.

All channels are manufactured from Viente®, a polymeric based recycled material and have 100mm internal width with UltraSTEEL™ galvanised protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

Image shows channel with grating. Grating supplied separately please see note.

ACO M100D polymer concrete constant and sloping depth channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23000	M100D No. 0.0*	1000	135	150	130	1/3	12.9	40	4 days
23050	M100D No. 0.1J*	500	135	150	130	1/3	7.6	16	4 days
23001	M100D No. 1	1000	135	150/155	130/135	2	13.5	16	4 days
23002	M100D No. 2	1000	135	155/160	135/140	2	13.8	16	4 days
23003	M100D No. 3	1000	135	160/165	140/145	2	14.1	16	4 days
23004	M100D No. 4	1000	135	165/170	145/150	2	14.4	16	4 days
23005	M100D No. 5	1000	135	170/175	150/155	2	14.7	16	4 days
23006	M100D No. 6	1000	135	175/180	155/160	2	15.0	16	4 days
23007	M100D No. 7	1000	135	180/185	160/165	2	15.3	16	4 days
23008	M100D No. 8	1000	135	185/190	165/170	2	15.6	16	4 days
23009	M100D No. 9	1000	135	190/195	170/175	2	15.9	16	4 days
23010	M100D No.10	1000	135	195/200	175/180	2	16.2	16	4 days
23100	M100D No.10.0*	1000	135	200	180	1/3	15.9	40	4 days
23101	M100D No.10.1J*	500	135	200	180	1/3	9.2	16	4 days
23011	M100D No.11	1000	135	200/205	180/185	2	16.5	16	4 days
23012	M100D No.12	1000	135	205/210	185/190	2	16.8	16	4 days
23013	M100D No.13	1000	135	210/215	190/195	2	17.1	16	4 days
23014	M100D No.14	1000	135	215/220	195/200	2	17.4	16	4 days
23015	M100D No.15	1000	135	220/225	200/205	2	17.7	16	4 days
23016	M100D No.16	1000	135	225/230	205/210	2	18.0	16	4 days
23017	M100D No.17	1000	135	230/235	210/215	2	18.3	16	4 days
23018	M100D No.18	1000	135	235/240	215/220	2	18.6	16	4 days
23019	M100D No.19	1000	135	240/245	220/225	2	18.9	16	4 days
23020	M100D No.20	1000	135	245/250	225/230	2	19.2	16	4 days
23200	M100D No.20.0*	1000	135	250	230	1/3	21.8	32	4 days
23201	M100D No.20.1J*	500	135	250	230	1/3	10.8	16	4 days
23300	M100D No.30.0*	1000	135	300	280	1/3	25.4	32	4 days
23301	M100D No.30.1J*	500	135	300	280	1/3	12.5	16	4 days



ACO M100D 1m constant depth channel



ACO M100D 0.5m constant depth channel

* Indicates channels supplied with a preformed Ø110mm knockout for vertical outlet.

J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.

† Not suitable for carriageways of public roads or motorways.

Note: Gratings supplied separately, please refer to pages 14 and 15. ACO Brickslot ST galvanised steel gratings also available for this channel system, please see page 16. For gully details please refer to page 71.

ACO M100D polymer concrete constant depth shallow channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23075	M100D No. 075	1000	135	75	55	1	9.2	40	4 days
23076	M100D No. 075V	1000	135	75	55	1	8.9	40	4 days
23110	M100D No. 0100	1000	135	100	80	1	11.0	40	4 days
23111	M100D No. 0100V	1000	135	100	80	1	10.7	40	4 days



ACO M100D shallow channel

ACO M100D step connector for stepped drainage systems

Product code	Description	Weight (kg)	Pack qty	Lead time
12601	M100D 123 50mm step connector	0.4	10	4 days



ACO M100D V channel



ACO M100D 123 50mm step connector

ACO M100D multifunctional end cap (closing/inlet/outlet)

Product code	Description	Weight (kg)	Pack qty	Lead time
23404	M100D 306 multifunctional end cap	0.2	25	4 days



ACO M100D 306 multifunctional end cap

ACO M100D sump unit with UltraSTEEL™ galvanised protective edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23410	M100D universal sump with plastic silt bucket	500	135	635	615	-	32.8	8	4 days



ACO M100D universal sump with plastic silt bucket

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2640	920 Foul air-trap PVC-U Ø110mm	0.5	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7931	940 Roddable foul air-trap MDPE Ø110mm	0.4	5	4 days
7932	950 Roddable foul air-trap MDPE Ø160mm	0.8	5	4 days
32599	Polymer concrete repair kit	1.0+	1	10 days



820 drain union 822 drain union 920 foul air-trap



922 foul air-trap 940 roddable foul air-trap 950 roddable foul air-trap

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

V Indicates channel with cast-in TPE triple lipped seals for Ø110mm watertight pipe connection

Note: Gratings supplied separately, please refer to pages 14 and 15. ACO Brickslot ST galvanised steel gratings also available for this channel system, please see page 16.

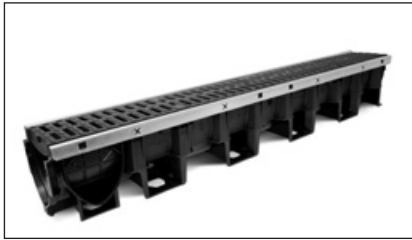


Image shows channel with grating. Grating supplied separately please see note.

ACO MultiDrain® M100PPD

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO MultiDrain® M100PPD general purpose channel drainage system.

All channels are manufactured using recycled polypropylene and have 100mm internal width with galvanised steel protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

ACO M100PPD recycled polypropylene constant depth channel

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11100	M100PPD No.0.0J*	1000	142	150	125	1	3.5	60	4 days



ACO M100PPD 1m constant depth channel

ACO M100PPD recycled polypropylene shallow constant depth channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11104	M100PPD No. 075*	1000	142	75	56	1	2.63	80	4 days
11105	M100PPD No. 0100*	1000	142	100	75	1	2.90	50	4 days



ACO M100PPD 075 – 0100 channel

ACO M100PPD closing end caps

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11085	ACO M100PPD shallow channel universal end cap	11	138	105	-	-	0.10	10	4 days
11086	ACO M100PPD universal closing end cap	11	138	150	-	-	0.10	10	4 days



ACO M100PPD universal closing end cap

ACO M100PPD sump unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11385	Black plastic sump unit assembly c/w silt bucket††	-	Ø160	510	-	-	3.0	5	4 days



ACO M100PPD sump unit

* Indicates channels supplied with vertical outlet knockout for use with Ø110mm and Ø160mm outlet connectors.

J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.

† Not suitable for carriageways of public roads or motorways.

†† Sump assembly consists of a Ø160mm vertical outlet connector, silt bucket and sump body.

Note: Gratings supplied separately, please refer to pages 14 and 15. ACO Brickslot ST galvanised steel gratings also available for this channel system, please see page 16. For gully details please refer to page 71.

Accessories

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11285	Ø110mm vertical outlet connector	-	Ø110	60	-	-	0.1	5	4 days
11286	Ø160mm vertical outlet connector	-	Ø160	80	-	-	0.1	5	4 days
11191	Ø110mm roddable foul air-trap	240	Ø110	400	-	-	1.2	5	4 days
11192	Ø160mm roddable foul air-trap	340	Ø160	415	-	-	1.4	5	4 days

Note: For gully details please refer to page 71.



**ACO M100PPD Ø110mm
vertical outlet connector**



**ACO M100PPD Ø160mm
vertical outlet connector**

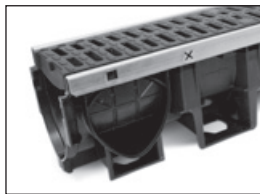
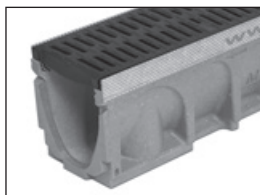


**ACO M100PPD
Ø110mm roddable foul air-trap**



**ACO M100PPD
Ø160mm roddable foul air-trap**

ACO M100PPD



Gratings for use with ACO MultiDrain® M100D/M100PPD channels

Suitable for Load Class applications A 15, B 125, C 250, D 400†
Also compatible with Multiline Sealin V100S

Description

ACO Drainlock™ gratings for use with the ACO MultiDrain® M100D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M100PPD channels with galvanised steel protective edge rail.

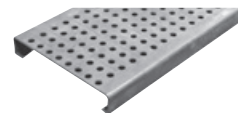


Gratings for Load Class A 15 applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
12610	Slotted galvanised steel grate ↗	1000	123	2.0	200	4 days
12611	Slotted galvanised steel grate ↗	500	123	1.0	200	4 days
12666	Perforated galvanised steel grate ↗	1000	123	2.6	200	4 days
12667	Perforated galvanised steel grate ↗	500	123	1.3	200	4 days



12610 / 12611 Slotted galvanised steel grate

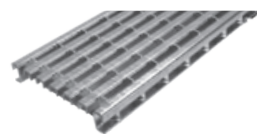


12666 / 12667 Perforated galvanised steel grate



Grating for load class B 125 applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
132555	Intercept-Profile galvanised steel grate ⚙ ↗	1000	123	4.1	100	4 days
132550	Intercept-Profile galvanised steel grate ⚙ ↗	500	123	2.0	100	4 days

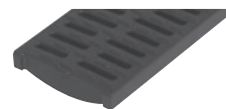


132555 / 132550 Intercept-Profile galvanised steel grate



Gratings for Load Class C 250 applications

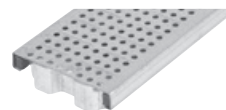
Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
132720	Heelguard™ composite - black grate ⚙ ↗	500	123	1.0	204	4 days
12614	Slotted galvanised steel grate ↗	1000	123	5.0	200	4 days
12615	Slotted galvanised steel grate ↗	500	123	2.5	200	4 days
12656	Perforated galvanised steel grate ↗	1000	123	4.8	200	4 days
12657	Perforated galvanised steel grate ↗	500	123	2.4	200	4 days
132880	Heelguard™ mesh galvanised steel grate ⚙ ↗	1000	123	4.2	200	4 days
132881	Heelguard™ mesh galvanised steel grate ⚙ ↗	500	123	2.1	200	4 days



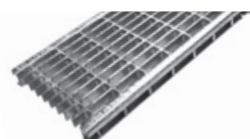
132720 Heelguard™ composite grate



12614 / 12615 Slotted galvanised steel grate



12656 / 12657 Perforated galvanised steel grate



132880 / 132881 Mesh galvanised steel grate

† Not suitable for carriageways of public roads or motorways









⚙ Indicates security locking feature is available

↗ HeelGuard™ grating

Note: ACO Brickslot ST galvanised gratings also available for this channel system, please see page 16.



Gratings for Load Class D 400† applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23405	Heelguard™ ductile iron grate 	500	123	4.1	200	4 days
23510	Heelguard™ Intercept ductile iron grate 	500	123	3.65	200	4 days
23511	NEW! Heelguard™ 6mm Rail Intercept, ductile iron grate 	500	123	4	200	Call Sales*
23406	Ductile iron solid cover grate 	500	123	4.5	200	4 days
23408	Slotted ductile iron grate	500	123	3.8	200	4 days
132042	Flag ductile iron grate 	500	123	4.9	200	Call Sales
132043	Leaf ductile iron grate 	500	123	4.7	200	Call Sales
132885	Heelguard™ mesh galvanised steel grate 	500	123	5.1	100	4 days
132886	Heelguard™ mesh galvanised steel grate 	500	123	2.5	100	4 days



FREESTYLE



Design your own bespoke ductile iron grates with ACO Freestyle. ACO's expertise in manufacturing high quality grates will be utilised to create your own artistic grates. ACO Freestyle gives designers and architects the ability to extend their design concept throughout the external landscape.

Grates are compatible with ACO MultiDrain® channels, are load

class D 400 and incorporate ACO's Drainlock™ boltless locking system.

ACO Freestyle range also offers a large range of ready-to-order grates which have previously been designed.



Please visit www.aco.co.uk to download the ACO Freestyle Brochure.



ACO ATec high performance finish

Gratings for Load class D 400† applications with ACO ATec corrosion resistant coating



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23409	ATec coated Heelguard™ ductile iron grate 	500	123	4.1	200	4 days
23417	ATec mosaic ductile iron grate 	500	123	4.1	200	4 days



ACO ATec coating is a high performance finish that provides a superior resistance to corrosion. The electrochemically applied finish is strong and durable, making maintenance easier than on water-based surface coatings. The ATec finish also enhances long term durability in demanding environments and is particularly well suited for low trafficked areas. Please download our ATec datasheet for more information.

† Not suitable for carriageways of public roads or motorways

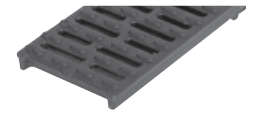
 Indicates security locking feature is available

 HeelGuard™ grating

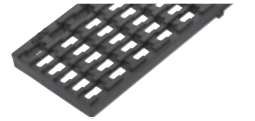
* Product launch expected Q3 please enquire for exact dates

Note: ACO Brickslot ST galvanised gratings also available for this channel system, please see page 16.

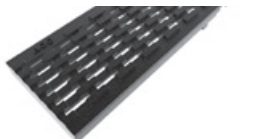
See page 40 for grating accessories.



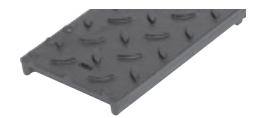
23405 Heelguard™ ductile iron grate



23510 Heelguard™ Intercept ductile iron grate



23511 Heelguard™ 6mm Rail Intercept, ductile iron grate



23406 Ductile iron solid cover grate



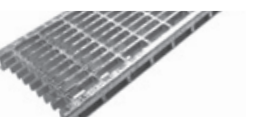
23408 Slotted ductile iron grate



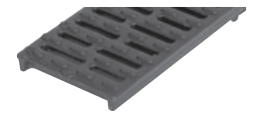
132042 Flag ductile iron grate



132043 Leaf ductile iron grate



132885/132886 Mesh galvanised steel grate

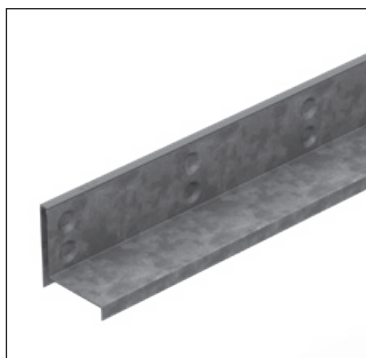


23409 ATec coated Heelguard ductile iron grate



23417DL ATec mosaic ductile iron grate

Gratings for
ACO M100D / ACO M100PPD



ACO MultiDrain® M100D / M100PPD galvanised steel Brickslot ST gratings

Suitable for Load Class applications A 15, B 125, C 250, D 400†
Also compatible with Multiline Sealin V100S

Description

ACO MultiDrain® M100D / M100PPD galvanised steel Brickslot ST gratings and access units.

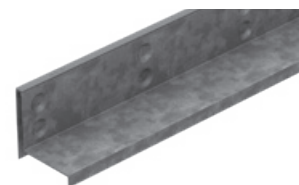
A range of galvanised steel discreet slot drainage gratings and access units for use with ACO MultiDrain® M100D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M100PPD channels with galvanised steel protective edge rail. The offset grating has a 10mm Heelguard™ drainage inlet, and is compatible with most types of pavements, setts and flags up to a maximum of 100mm deep.

ACO Brickslot ST gratings for use with ACO MultiDrain® M100D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M100PPD channels with galvanised steel protective edge rail



Gratings for Load Class C 250 applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
445598	Brickslot ST galvanised steel grate ↗	1000	123	5.1	72	10 days
445599	Brickslot ST galvanised steel grate ↗	500	123	2.6	100	10 days

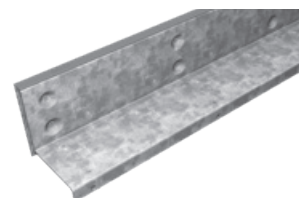


445598 / 445599 Brickslot ST galvanised steel grate

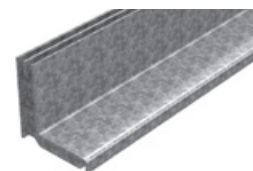


Gratings for Load Class D 400† applications

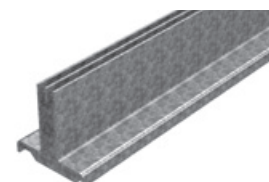
Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446015	Brickslot ST galvanised steel grate ↗	1000	123	7.1	60	10 days
446016	Brickslot ST galvanised steel grate ↗	500	123	3.7	100	10 days
23480	Twinslot offset galvanised steel grate ↗	1000	123	12.9	72	10 days
23481	Twinslot offset galvanised steel grate ↗	500	123	6.1	108	10 days
23483	Twinslot central galvanised steel grate ↗	1000	123	12.5	68	10 days
23484	Twinslot central galvanised steel grate ↗	500	123	7.0	136	10 days



446015 / 446016 Brickslot ST galvanised steel grate



23480 Twinslot offset galvanised steel grate



23483 Twinslot offset galvanised steel grate

† Not suitable for carriageways of public roads or motorways

↗ HeelGuard™ grating

Note: The ACO MultiDrain® M100D and the ACO MultiDrain® M100PPD Brickslot ST gratings and access units are sold separately from the ACO MultiDrain® M100D and M100PPD channel units.

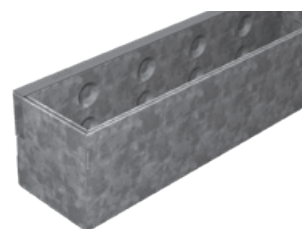
For information on the channels to suit these gratings and access units, for ACO MultiDrain® M100D channels see page 10 and for ACO MultiDrain® M100PPD channels see page 12.

ACO Brickslot ST access units for use with ACO MultiDrain® M100D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M100PPD channels with galvanised steel protective edge rail



Access units for Load Class C 250 applications




Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
445603	Brickslot ST access unit galvanised steel 	500	123	5.4	60	10 days

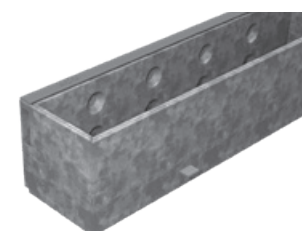


445603 Brickslot ST access unit galvanised steel




Access units for Load Class D 400† applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446017	Brickslot ST access unit galvanised steel 	500	123	7.2	60	10 days
23482	Twinslot offset access unit galvanised steel 	500	123	8.1	72	10 days
23485	Twinslot central access unit galvanised steel 	500	123	8.2	54	10 days



446017 Brickslot ST access unit galvanised steel

† Not suitable for carriageways of public roads or motorways

 HeelGuard™ grating

Note: The ACO MultiDrain® M100D and the ACO MultiDrain® M100PPD Brickslot ST gratings and access units are sold separately from the ACO MultiDrain® M100D and M100PPD channel units.

For information on the channels to suit these gratings and access units, for ACO MultiDrain® M100D channels see page 10 and for ACO MultiDrain® M100PPD channels see page 12.

Removal Instructions

To remove the ACO Brickslot ST access unit, insert the lifting tools as shown in figure 1. Then lift the tray vertically from the frame (figure 2). Details of the lifting tool (Product Code 1367) can be found on page 41.

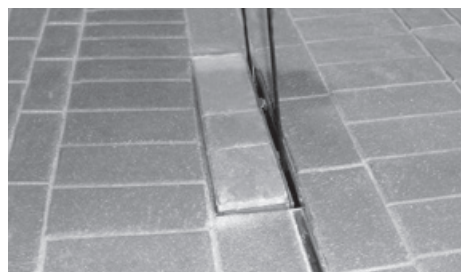


Figure 1

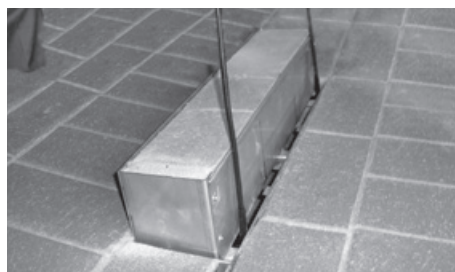


Figure 2

Gratings for
ACO M100D / ACO M100PPD

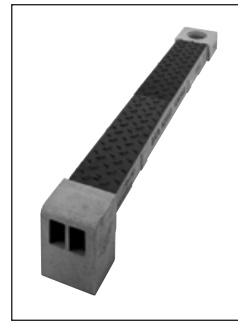
ACO MultiDrain® M100D Channel Footpath Drainage

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

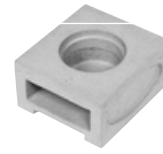
ACO MultiDrain® M100D Channel Footpath Drainage.

A range of accessories including downpipe connectors and kerb outlets for use with ACO MultiDrain® M100D and M100DS shallow channels.

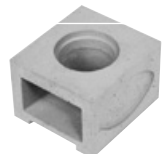


Downpipe connectors

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23450	CFD075 Downpipe connector grey	150	135	75	55	-	2.4	75	10 days
23451	CFD0100 Downpipe connector grey	150	135	100	80	-	3.0	56	10 days



CFD 075
Downpipe
connector



CFD 0100
Downpipe
connector

Kerb outlets

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23452	CFD Kerb outlet half batter grey	125	135	225	-	-	6.7	78	10 days
23453	CFD Kerb outlet bullnose grey	125	135	225	-	-	7.0	78	10 days



CFD Kerb outlet
half batter



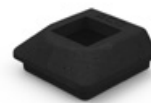
CFD Kerb
outlet bullnose

† Not suitable for carriageways of public roads or motorways

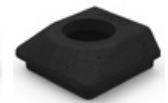
ACO Downpipe connectors for use with ACO MultiDrain® M100D/PPD and M150D/PPD channels, connect downpipes with the channel system

Black polymer concrete downpipe connectors

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
27132	Downpipe connector, M100D/PPD Ø68mm*	142	133	60	1.07	1	10 days
27138	Downpipe connector, M100D/PPD □65mm*	142	133	60	1.04	1	10 days
27150	Downpipe connector, M150D/PPD Ø110mm	192	183	60	1.65	1	10 days
27152	Downpipe connector, M150D/PPD □100mm	192	183	60	1.66	1	10 days
27155	Downpipe connector, M200D/PPD Ø110mm	242	233	60	2.58	1	10 days



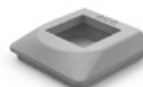
Downpipe
connector
□65mm



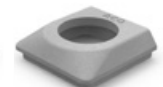
Downpipe
connector
Ø68mm

Grey polymer concrete downpipe connectors

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
27133	Downpipe connector, M100D/PPD Ø68mm*	142	133	60	1.07	1	10 days
27139	Downpipe connector, M100D/PPD □65mm*	142	133	60	1.04	1	10 days
27151	Downpipe connector, M150D/PPD Ø110mm	192	183	60	1.65	1	10 days
27153	Downpipe connector, M150D/PPD □100mm	192	183	60	1.66	1	10 days
27154	Downpipe connector, M200D/PPD Ø110mm	242	233	60	2.58	1	10 days



Downpipe
connector
□100mm



Downpipe
connector
Ø110mm

* Also compatible with HexDrain Pro and CivicDrain

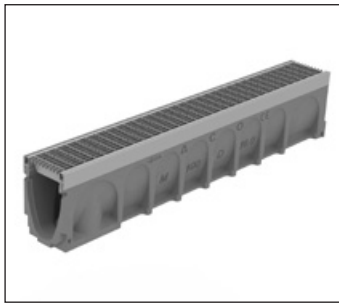


Image shows channel with grating.
Grating supplied separately please see note.

ACO MultiDrain® M100DS

Suitable for Load Class applications A 15, B 125, C 250, D 400†



Description

ACO MultiDrain® M100DS general purpose channel drainage system.

All channels are manufactured from Viente®, a polymeric based recycled material and have 100mm internal width with stainless steel protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

ACO M100DS polymer concrete constant depth channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
24000	M100DS No.0.0*	1000	135	150	130	1/3	14.9	40	Call Sales
24050	M100DS No.0.1J*	500	135	150	130	1/3	8.6	16	Call Sales
24100	M100DS No.10.0*	1000	135	200	180	1/3	17.9	40	Call Sales
24101	M100DS No.10.1J*	500	135	200	180	1/3	10.2	16	Call Sales
24200	M100DS No.20.0*	1000	135	250	230	1/3	21.0	32	Call Sales
24201	M100DS No.20.1J*	500	135	250	230	1/3	11.8	16	Call Sales



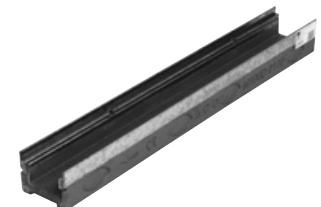
ACO M100DS 1m constant depth channel



ACO M100DS 0.5m constant depth channel

ACO M100DS polymer concrete constant depth shallow channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
24075	M100DS No. 075	1000	135	75	55	1	10.9	40	Call Sales
24076	M100DS No. 075V	1000	135	75	55	1	10.6	40	Call Sales
24110	M100DS No. 0100	1000	135	100	80	1	12.7	40	Call Sales
24111	M100DS No. 0100V	1000	135	100	80	1	12.4	40	Call Sales



ACO M100DS shallow channel

M100DS step connector for step drainage systems

Product code	Description	Weight (kg)	Pack qty	Lead time
12601	M100DS 123 50mm step connector	0.2	10	4 days



ACO M100DS 123 50mm step connector

M100DS multifunctional end cap (closing/inlet/outlet)

Product code	Description	Weight (kg)	Pack qty	Lead time
23404	M100DS 306 multifunctional end cap	0.2	25	4 days



ACO M100DS 306 multifunctional end cap

* Indicates channels supplied with a preformed Ø110mm knockout for vertical outlet.

J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel

V Indicates channel with cast in TPE triple lipped seals for Ø110mm watertight pipe connection

† Not suitable for carriageways of public roads or motorways

Note: Gratings supplied separately please refer to page 20.

ACO Brickslot ST stainless steel gratings also available for this channel system please see page 21.

For gully details please refer to page 71.

The protective edge rails used on these channels are manufactured from Grade 304 stainless steel.

ACO M100DS

ACO M100DS sump unit with stainless steel protective edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Weight (kg)	Pack qty	Lead time
24410	ACO M100DS universal sump with plastic silt bucket	500	135	635	615	33.9	8	Call Sales



ACO M100DS universal sump with plastic silt bucket

Accessories

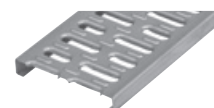
Please see page 11

ACO Drainlock™ gratings for use with ACO MultiDrain® M100DS channels with stainless steel protective edge rail

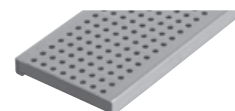
Gratings for Load Class A 15 applications



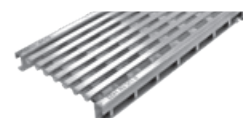
Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
12640	Slotted stainless steel grate ↗	1000	123	2.0	200	Call Sales
12641	Slotted stainless steel grate ↗	500	123	1.0	200	Call Sales
12664	Perforated stainless steel grate ↗	1000	123	2.6	200	Call Sales
12665	Perforated stainless steel grate ↗	500	123	1.3	200	Call Sales



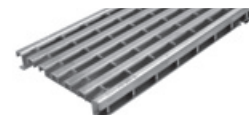
460DL / 461DL Slotted stainless steel



12664DL / 12665DL Perforated stainless steel



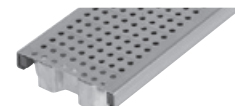
132557DL / 132552DL Intercept-Bar stainless steel



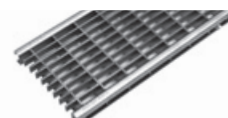
132556DL / 132551DL Intercept-Profile stainless steel



470DL / 471DL Slotted stainless steel



12654DL / 12655DL Perforated stainless steel



430DL / 431DL Mesh stainless steel



132887DL / 132888DL Mesh stainless steel

Gratings for load class B 125 applications



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
132557	Intercept-Bar stainless steel grate ⚠ ↗	1000	123	3.8	100	Call Sales
132552	Intercept-Bar stainless steel grate ⚠ ↗	500	123	1.9	100	Call Sales
132556	Intercept-Profile stainless steel grate ⚠ ↗	1000	123	3.7	100	Call Sales
132551	Intercept-Profile stainless steel grate ⚠ ↗	500	123	1.9	100	Call Sales

Gratings for Load Class C 250 applications



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
12644	Slotted stainless steel grate ↗	1000	123	5.0	200	Call Sales
12645	Slotted stainless steel grate ↗	500	123	2.5	200	Call Sales
12654	Perforated stainless steel grate ↗	1000	123	4.8	200	Call Sales
12655	Perforated stainless steel grate ↗	500	123	2.4	200	Call Sales
132882	Heelguard™ mesh stainless steel grate ⚠ ↗	1000	123	4.2	100	Call Sales
132883	Heelguard™ mesh stainless steel grate ⚠ ↗	500	123	2.1	100	Call Sales

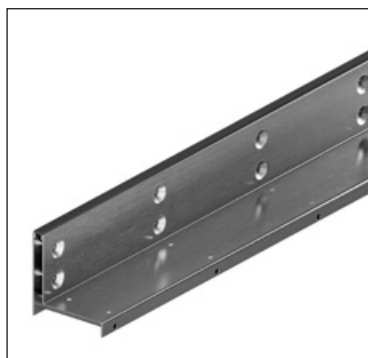
Gratings for Load Class D 400+ applications



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
132887	Heelguard™ mesh stainless steel grate ⚠ ↗	1000	123	5.2	100	Call Sales
132888	Heelguard™ mesh stainless steel grate ⚠ ↗	500	123	2.5	100	Call Sales

See page 41 for grating accessories.

Note: ACO MultiDrain® MD stainless steel gratings are manufactured from Grade 304 stainless steel and are fitted with ACO Drainlock™ as standard. ACO Brickslot ST Stainless Steel gratings also available for this channel system please see page 21.



ACO MultiDrain® M100DS stainless steel Brickslot ST gratings

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO MultiDrain® M100DS stainless steel Brickslot ST gratings and access units.

A range of stainless steel discreet slot drainage gratings and access units for use with ACO MultiDrain® M100DS channels with stainless steel protective edge rails. The offset grating has a 10mm Heelguard™ drainage inlet, and is compatible with most types of pavements, setts and flags up to a maximum of 100mm deep.

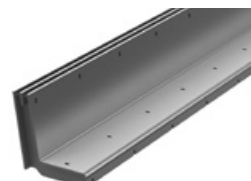
ACO Brickslot ST stainless steel gratings suitable for use with ACO MultiDrain® M100DS channels with stainless steel protective edge rail

Gratings for Load Class D 400†

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446018	Brickslot ST stainless steel ↗	1000	123	7.2	72	Call Sales
446019	Brickslot ST stainless steel ↗	500	123	3.7	100	Call Sales
23490	Twinslot offset stainless steel ↗	1000	123	13.0	72	Call Sales
23491	Twinslot offset stainless steel ↗	500	123	6.5	108	Call Sales
23493	Twinslot central stainless steel ↗	1000	123	11.7	68	Call Sales
23494	Twinslot central stainless steel ↗	500	123	5.8	136	Call Sales



446018 / 446019 Brickslot ST stainless steel



23490 Twinslot offset stainless steel



23493 Twinslot central stainless steel

ACO Brickslot ST stainless steel access unit suitable for use with ACO MultiDrain® M100DS channels with stainless steel protective edge rail

Access units for Load Class D 400†

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446020	Brickslot ST access unit stainless steel ↗	500	123	7.2	60	Call Sales
23492	Twinslot offset access unit stainless steel ↗	500	123	11.3	72	Call Sales
23495	Twinslot central access unit stainless steel ↗	500	123	14.2	54	Call Sales



446020 Brickslot ST access unit stainless steel

† Not suitable for carriageways of public roads or motorways

↗ HeelGuard™ grating

Note: The ACO MultiDrain® stainless steel Brickslot ST gratings and access units listed above are sold separately from the ACO MultiDrain® M100DS channel units. For information on channels to suit these gratings and access units see page 19.

Removal Instructions

To remove the ACO Brickslot ST access unit, insert the lifting tools as shown in figure 1. Then lift the tray vertically from the frame (figure 2). Details of the lifting tool (product code 1367) can be found on page 40.

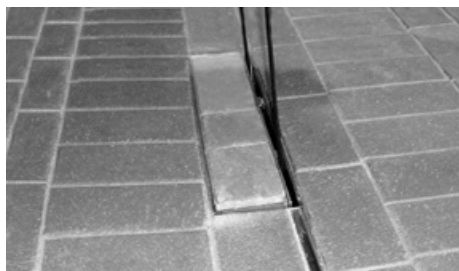


Figure 1

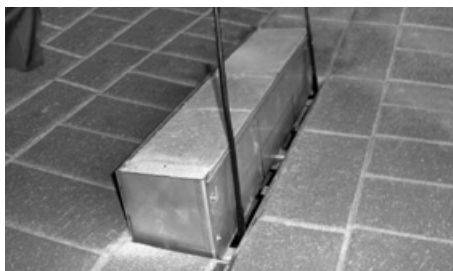


Figure 2



Image shows channel with grating.
Grating supplied separately please see note.

ACO MultiDrain® M150D

Suitable for Load Class applications A 15, B 125, C 250, D 400†



Description

ACO MultiDrain® M150D general purpose channel drainage system.

All channels are manufactured from Vienite®, a polymeric based recycled material and have 150mm internal width with UltraSTEEL™ galvanised steel protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

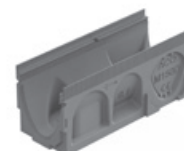
ACO M150D

ACO M150D polymer concrete constant depth channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23150	M150D No. 0.0*	1000	185	210	185	1/3	23.4	24	4 days
23153	M150D No. 0.1J*	500	185	210	185	1/3	12.7	12	4 days
23151	M150D No. 10.0*	1000	185	260	235	1/3	26.2	24	4 days
23154	M150D No. 10.1J*	500	185	260	235	1/3	14.6	12	4 days
23152	M150D No. 20.0*	1000	185	310	285	1/3	30.3	18	4 days
23155	M150D No. 20.1J*	500	185	310	285	1/3	16.4	12	4 days



M150D 1m constant depth channel



M150D 0.5m constant depth channel

ACO M150D polymer concrete constant depth shallow channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23156	M150D No. 0100	1000	185	100	75	1	15.0	24	4 days
23157	M150D No. 0100V	1000	185	100	75	1	14.9	24	4 days



M150D 0100 channel

ACO M150D step connector for stepped drainage systems

Product code	Description	Weight (kg)	Pack qty	Lead time
13001	M150D 123 50mm step connector	0.5	10	4 days



ACO M150D 0100V channel

ACO M150D multifunctional end cap (closing/inlet/outlet)

Product code	Description	Weight (kg)	Pack qty	Lead time
23159	M150D 306 multifunctional end cap	0.3	10	4 days



ACO M150D 123 50mm step connector



ACO M150D 306 multifunctional end cap

* Indicates channels supplied with a preformed Ø160mm knockout for vertical outlet.

J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel

V Indicates channel with cast in TPE triple lipped seals for Ø110mm water tight pipe connection.

† Not suitable for carriageways of public roads or motorways

Note: Gratings supplied separately please refer to page 25.

ACO Brickslot ST galvanised steel gratings also available for this channel system please see page 27.

For gully details please refer to page 71.

ACO M150D sump unit with UltraSTEEL™ galvanised steel protective edge rail

Product code	Description	Length (mm)	Width overall (mm)	Stepped depth (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23158	M150D universal sump with plastic silt bucket	500	185	735	715	-	43.4	6	4 days



ACO M150DS universal sump with

Accessories

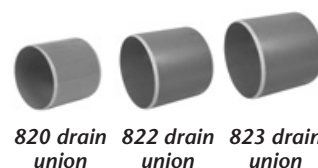
Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Union PVC-U Ø110mm	0.1	5	4 days
0058	822 Union PVC-U Ø160mm	0.5	5	4 days
2723	823 Union PVC-U Ø200mm	0.6	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7932	950 Roddable foul air-trap MDPE Ø160mm	0.8	5	4 days
32599	Polymer concrete repair kit	1.0+	1	10 days

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

Note: Gratings supplied separately please refer to pages 25.

ACO Brickslot ST galvanised steel gratings also available for this channel system please see page 27.

For gully details please refer to page 71.



820 drain union 822 drain union 823 drain union



922 foul air-trap 950 roddable foul air-trap

ACO M150D



Polymer concrete repair kit

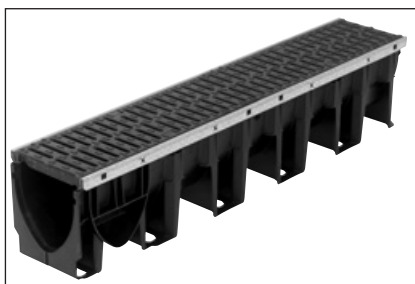


Image shows channel with grating. Grating supplied separately please see note.

ACO MultiDrain® M150PPD

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO MultiDrain® M150PPD general purpose channel drainage system.

All channels are manufactured using recycled polypropylene and have 150mm internal width with galvanised steel protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

ACO M150PPD recycled polypropylene constant depth channel

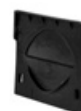
Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11111	M150PPD No.0.0]*	1000	188	210	170	1	4.02	28	4 days



ACO M150PPD 1m constant depth channel

ACO M150PPD universal closing end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11093	ACO M150PPD universal closing end cap	11	188	210	-	-	0.14	10	4 days



ACO M150PPD universal closing end cap

ACO M150PPD sump unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11386	Black plastic sump unit assembly c/w bucket††	-	Ø160	510	-	-	3.7	18	4 days



ACO M150PPD sump unit

Accessories

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11288	Ø160mm vertical outlet connector	-	Ø160	80	-	-	0.3	5	4 days
11191	Ø110mm roddable foul air-trap	240	Ø110	400	-	-	1.2	5	4 days
11192	Ø160mm roddable foul air-trap	340	Ø160	415	-	-	1.4	5	4 days



ACO M150PPD Ø160mm vertical outlet connectors



ACO M150PPD Ø110mm roddable foul air-trap



ACO M150PPD Ø160mm roddable foul air-trap

* Indicates channels supplied with vertical outlet knockout for use with Ø160mm outlet connectors.

] Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.

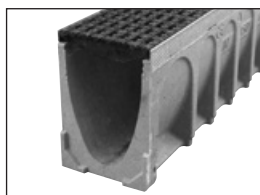
† Not suitable for carriageways of public roads or motorways.

†† Sump assembly consists of a Ø160mm vertical outlet connector, silt bucket and sump body.

Note: Gratings supplied separately please refer to pages 25.

ACO Brickslot ST galvanised steel gratings also available for this channel system please see page 27.

For gully details please refer to page 71.



Gratings for use with ACO MultiDrain® M150D/M150PPD channels









Suitable for Load Class applications A 15, B 125, C 250, D 400†

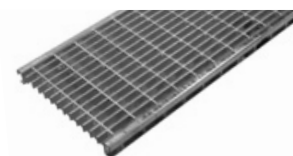
Description

ACO Drainlock™ gratings for use with the ACO MultiDrain® M150D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M150PPD channels with galvanised steel protective edge rail.

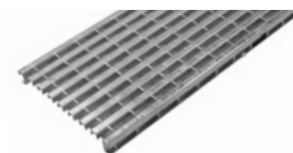


Gratings for Load Class B 125 applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133601	Heelguard™ mesh galvanised steel grate  	1000	173	5.44	100	4 days
133602	Heelguard™ mesh galvanised steel grate  	500	173	2.7	50	4 days
133625	Intercept-Profile galvanised steel grate  	1000	173	5.1	100	4 days
133626	Intercept-Profile galvanised steel grate  	500	173	2.51	50	4 days



Heelguard™ mesh galvanised steel



Intercept-Profile galvanised steel



Gratings for Load Class C 250










Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133605	Heelguard™ mesh galvanised steel grate  	1000	173	5.76	100	4 days
133606	Heelguard™ mesh galvanised steel grate  	500	173	2.84	50	4 days

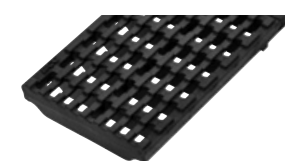


Heelguard™ ductile iron

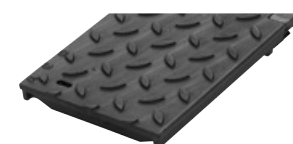


Gratings for Load Class D 400† applications

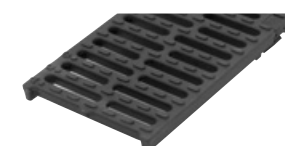
Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23161	Heelguard™ ductile iron grate  	500	173	6.8	96	4 days
23515	Heelguard™ Intercept ductile iron grate	500	173	6.4	96	4 days
23516	NEW! Heelguard™ 6mm Rail Intercept, ductile iron grate  	500	173	6.6	96	Call sales*
23160	Solid iron ductile iron grate 	500	173	7.7	96	4 days
23164	Slotted ductile iron grate	500	173	6.4	96	4 days
133609	Heelguard™ mesh galvanised steel grate  	1000	173	8.02	100	4 days
133610	Heelguard™ mesh galvanised steel grate  	500	173	4.01	50	4 days



Heelguard™ Intercept ductile iron



Ductile iron solid cover



Slotted ductile iron

† Not suitable for carriageways of public roads or motorways

 Indicates security locking feature is available

 HeelGuard™ grating

* Product launch expected early Q3 please enquire for exact dates

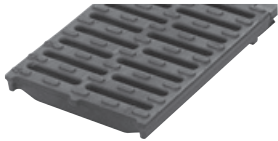
Gratings for
ACO M150D / ACO M150PPD

ACO ATec high performance finish

Gratings for Load class D 400[†] applications with
ACO ATec corrosion resistant coating



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23169	ATec coated Heelguard™ ductile iron grate 	500	173	6.8	96	Call sales

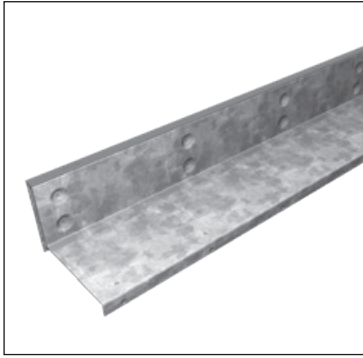


23169 ATec coated
Heelguard™ ductile iron



ACO ATec coating is a high performance finish that provides a superior resistance to corrosion. The electrochemically applied finish is strong and durable, making maintenance easier than on water-based surface coatings. The ATec finish also enhances long term durability in demanding environments and is particularly well suited for low trafficked areas. Please download our ATec datasheet for more information.

See page 40 for grating accessories.



ACO MultiDrain® M150D/M150PPD galvanised steel Brickslot ST gratings

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

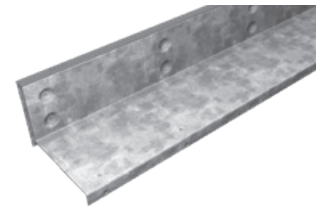
ACO MultiDrain® M150D / M150PPD galvanised steel Brickslot ST gratings and access units.

A range of galvanised steel discreet slot drainage gratings and access units for use with ACO MultiDrain® M150D channels with UltraSTEEL™ galvanised steel protective edge rail and the ACO MultiDrain® M150PPD channels with galvanised steel protective edge rail. The offset grating has a 10mm Heelguard™ drainage inlet, and is compatible with most types of paviments, setts and flags up to a maximum of 100mm deep.

ACO Brickslot ST gratings for use with ACO MultiDrain® M150D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M150PPD channels with galvanised steel protective edge rail

Gratings for Load Class D 400† applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446027	Brickslot ST galvanised steel grate 	1000	173	8.7	40	10 days
446028	Brickslot ST galvanised steel grate 	500	173	4.5	80	10 days



446027 / 446028 Brickslot ST galvanised steel

ACO Brickslot ST access units for use with ACO MultiDrain® M150D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M150PPD channels with galvanised steel protective edge rail

Access units for Load Class D 400† applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446029	Brickslot ST access unit galvanised steel grate 	500	173	9.1	48	10 days



446029 Brickslot ST access unit galvanised steel

† Not suitable for carriageways of public roads or motorways

 HeelGuard™ grating

Note: The ACO MultiDrain® M150D and the ACO MultiDrain® M150PPD Brickslot ST gratings and access units listed above are sold separately from the ACO MultiDrain® M150D and M150PPD channel units. For information on the channels to suit these gratings and access units, for ACO MultiDrain® M150D channels see page 22 and for ACO MultiDrain® M150PPD channels see page 24.

Gratings for
ACO M150D / ACO M150PPD



ACO MultiDrain® M150DS

Suitable for Load Class applications A 15, B 125, C 250, D 400†



Description

ACO MultiDrain® M150DS general purpose channel drainage system.

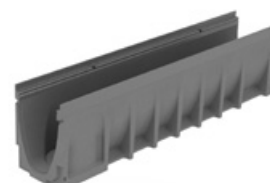
All channels are manufactured from Viente®, a polymeric based recycled material and have 150mm internal width with stainless steel protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

Image shows channel with grating.
Grating supplied separately please see note.

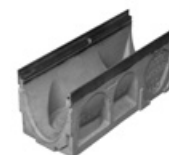
ACO M150DS

ACO M150DS polymer concrete constant depth channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
24150	M150DS No. 0.0*	1000	185	210	185	1/3	25.4	24	Call Sales
24153	M150DS No. 0.1J*	500	185	210	185	1/3	13.7	12	Call Sales
24151	M150DS No.10.0*	1000	185	260	235	1/3	28.0	24	Call Sales
24154	M150DS No. 10.1J*	500	185	260	235	1/3	15.6	12	Call Sales
24152	M150DS No.20.0*	1000	185	310	285	1/3	32.1	18	Call Sales
24155	M150DS No. 20.1J*	500	185	310	285	1/3	17.4	12	Call Sales



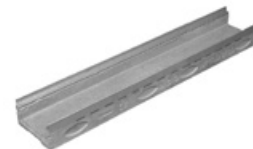
ACO M150DS 1m constant depth channel



ACO M150DS 0.5m constant depth channel

ACO M150DS polymer concrete constant depth shallow channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
24156	M150DS No. 0100	1000	185	100	75	1	16.7	24	Call Sales
24157	M150DS No. 0100V	1000	185	100	75	1	15.9	24	Call Sales



ACO M150DS 0100 channel

ACO M150DS step connector for step drainage systems

Product code	Description	Weight (kg)	Pack qty	Lead time
13001	M150DS 123 50mm step connector	0.5	10	10 days



ACO M150DS 0100V channel

ACO M150DS multifunctional end cap (closing/inlet/outlet)

Product code	Description	Weight (kg)	Pack qty	Lead time
23159	M150DS 306 multifunctional end cap	0.3	10	10 days



ACO M150D 123 50mm step connector



ACO M150D 306 multifunctional end cap

* Indicates channels supplied with a preformed Ø160mm knockout for vertical outlet.

J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.

V Indicates channel with cast in TPE triple lipped seals for Ø110mm watertight pipe connection.

† Not suitable for carriageways of public roads or motorways

Note: Gratings supplied separately please refer to page 29.

ACO Brickslot ST stainless steel gratings also available for this channel system please see page 30. For gully details please refer to page 71.

The protective edge rails used on these channels are manufactured from Grade 304 stainless steel.

ACO M150DS sump unit with stainless steel protective edge rail

Product code	Description	Length (mm)	Width overall (mm)	Stepped depth (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
24158	M150DS universal sump with plastic silt bucket	500	185	735	715	-	44.5	6	Call Sales

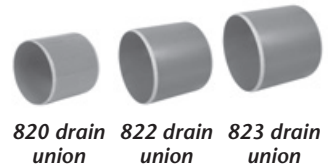


ACO M150DS universal sump with plastic silt bucket

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Union PVC-U Ø110mm	0.1	5	4 days
0058	822 Union PVC-U Ø160mm	0.5	5	4 days
2723	823 Union PVC-U Ø200mm	0.6	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7932	950 Roddable foul air-trap MDPE Ø160mm	0.8	5	4 days
32599	Polymer concrete repair kit	1.0+	1	10 days

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets



820 drain union 822 drain union 823 drain union















922 foul air-trap 950 roddable foul air-trap

ACO Drainlock™ gratings for use with ACO MultiDrain® M150DS channels with stainless steel protective edge rail







Gratings for Load Class B 125 applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133603	Heelguard™ mesh stainless steel grate  	1000	173	5.34	100	Call Sales
133604	Heelguard™ mesh stainless steel grate  	500	173	2.73	50	Call Sales
133627	Intercept-Profile stainless steel grate  	1000	173	5.1	100	Call Sales
133628	Intercept-Profile stainless steel grate  	500	173	2.55	50	Call Sales
133633	Intercept-Bar stainless steel grate  	1000	173	6.35	100	Call Sales
133634	Intercept-Bar stainless steel grate  	500	173	3.13	50	Call Sales







Gratings for Load Class C 250 applications


Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133607	Heelguard™ mesh stainless steel grate  	1000	173	5.66	100	Call Sales
133608	Heelguard™ mesh stainless steel grate  	500	173	2.85	50	Call Sales



Gratings for Load Class D 400 applications

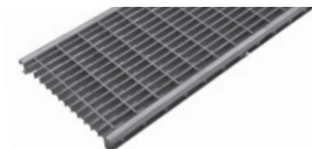
Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133611	Heelguard™ mesh stainless steel grate  	1000	173	8.04	100	Call Sales
133612	Heelguard™ mesh stainless steel grate  	500	173	4.06	50	Call Sales

 Indicates security locking feature is available

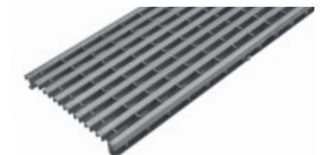
 HeelGuard™ grating

See page 48 for grating accessories.

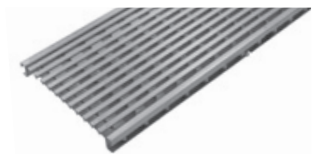
Note: ACO MultiDrain® MD stainless steel gratings are manufactured from Grade 304 stainless steel and are fitted with ACO Drainlock™ as standard. ACO Brickslot ST Stainless Steel gratings also available for this channel system please see page 30. For gully details please refer to page 71.



133603DL Heelguard™ mesh stainless steel

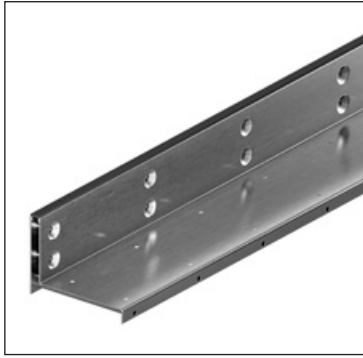


133627DL Intercept-Profile stainless steel



133633DL Intercept-Bar stainless steel

ACO M150DS



ACO MultiDrain® M150DS stainless steel Brickslot ST gratings

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO MultiDrain® M150DS stainless steel Brickslot ST gratings and access units.

A range of stainless steel discreet slot drainage gratings and access units for use with ACO MultiDrain® M150DS channels with stainless steel protective edge rails. The offset grating has a 10mm Heelguard™ drainage inlet, and is compatible with most types of paviers, setts and flags up to a maximum of 100mm deep.

ACO Brickslot ST stainless steel gratings suitable for ACO MultiDrain® M150DS channels with stainless steel protective edge rail

Gratings for Load Class D 400†



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446030*	Brickslot ST stainless steel grate ✓	1000	173	8.7	40	Call Sales
446031*	Brickslot ST stainless steel grate ✓	500	173	4.5	80	Call Sales



446030 / 446031 Brickslot ST stainless steel

ACO Brickslot ST stainless steel access unit suitable for ACO MultiDrain® M150DS channels with stainless steel protective edge rail

Access unit for Load Class D 400†



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446032*	Brickslot ST access unit stainless steel grate ✓	500	173	9.1	48	Call Sales



446032 Brickslot ST access unit stainless steel

† Not suitable for carriageways of public roads or motorways

✓ HeelGuard™ grating

* As stock transitions, the original Brickslot design may be supplied depending on stock levels

Note: The ACO MultiDrain® stainless steel Brickslot ST gratings and access units listed above are sold separately from the ACO MultiDrain® M150DS channel units. For information on channels to suit these gratings and access units see page 28.

Removal Instructions;

To remove the ACO Brickslot ST access unit, insert the lifting tools as shown in figure 1. Then lift the tray vertically from the frame (figure 2). Details of the lifting tool (Product Code 1367) can be found on page 40.

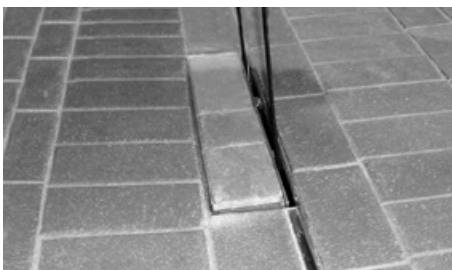


Figure 1



Figure 2



Image shows channel with grating.
Grating supplied separately please see note.

ACO MultiDrain® M200D

Suitable for Load Class applications A 15, B 125, C 250, D 400†



Description

ACO MultiDrain® M200D general purpose channel drainage system.

All channels are manufactured from Vienite® a polymeric based recycled material and have 200mm internal width with UltraSTEEL™ galvanised steel protective edge rails. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

ACO M200D polymer concrete constant depth channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23210	M200D No. 0.0*	1000	235	265	240	1/3	33.0	12	4 days
23213	M200D No. 0.1J*	500	235	265	240	1/3	17.9	8	4 days
23211	M200D No. 10.0*	1000	235	315	290	1/3	37.4	12	4 days
23214	M200D No. 10.1J*	500	235	315	290	1/3	19.9	8	4 days
23212	M200D No. 20.0*	1000	235	365	340	1/3	40.4	8	4 days
23215	M200D No. 20.1J*	500	235	365	340	1/3	21.9	8	4 days



ACO M200D 1m constant depth channel

ACO M200D

ACO M200D polymer concrete constant depth shallow channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23216	M200D No. 0100	1000	235	100	75	1	17.5	16	4 days
23217	M200D No. 0100V	1000	235	100	75	1	17.0	16	4 days



ACO M200D 0.5m constant depth channel



ACO M200D 0100 channel



ACO M200D 0100V channel

ACO M200D step connector for stepped drainage systems

Product code	Description	Weight (kg)	Pack qty	Lead time
13401	M200D 123 50mm step connector	0.6	10	4 days



ACO M200D 123 50mm step connector

ACO M200D multifunctional end cap (closing/inlet/outlet)

Product code	Description	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
23219	M200D 306 multifunctional end cap	235	365/100	0.4	10	4 days



ACO M200D 306 multifunctional end cap

* Indicates channels supplied with a preformed Ø160mm knockout for vertical outlet.

J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel

V Indicates channel with cast in TPE triple lipped seals for Ø110mm watertight pipe connection.

† Not suitable for carriageways of public roads or motorways

Note: Gratings supplied separately please refer to page 34.

ACO Brickslot ST galvanised steel gratings also available for this channel system please see page 36.

For gully details please refer to page 71.

ACO M200D sump unit with UltraSTEEL™ galvanised steel protective edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
23218	M200D universal sump with plastic silt bucket	500	235	790	765	-	47.0	6	4 days



ACO M200D universal sump with plastic silt bucket

Accessories

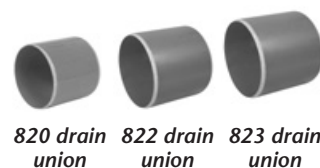
Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Union PVC-U Ø110mm	0.1	5	4 days
0058	822 Union PVC-U Ø160mm	0.5	5	4 days
2723	823 Union PVC-U Ø200mm	0.6	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7932	950 Roddable foul air-trap MDPE Ø160mm	0.8	5	4 days
32599	Polymer concrete repair kit	1.0+	1	10 days

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

Note: Gratings supplied separately please refer to page 34.

ACO Brickslot ST galvanised steel gratings also available for this channel system please see page 36.

For gully details please refer to page 71.



820 drain union 822 drain union 823 drain union



922 foul air-trap 950 roddable foul air-trap



Polymer concrete repair kit



Image shows channel with grating. Grating supplied separately please see note.

ACO MultiDrain® M200PPD

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO MultiDrain® M200PPD general purpose channel drainage system.

All channels are manufactured using recycled polypropylene and have 200mm internal width with galvanised steel protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

ACO M200PPD recycled polypropylene constant depth channel

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11118	M200PPD No.0.0j*	1000	238	265	220	1	4.9	15	4 days



ACO M200PPD 1m constant depth channel

ACO M200PPD universal closing end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11098	ACO M200PPD universal closing end cap	11	238	265	-	-	0.21	10	4 days



ACO M200PPD universal closing end cap

ACO M200PPD sump unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11387	Black plastic sump unit assembly c/w bucket††	-	Ø200	510	-	-	4.9	12	4 days



ACO M200PPD sump unit

Accessories

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
11289	Ø200mm vertical outlet connector	-	Ø200	100	-	-	0.4	5	4 days
11192	Ø160mm roddable foul air-trap	340	Ø160	415	-	-	1.4	5	4 days



ACO M200PPD Ø200mm vertical outlet connector



ACO M200PPD Ø160mm roddable foul air-trap

† Not suitable for carriageways of public roads or motorways.

* Indicates channels supplied with vertical outlet knockout for use with Ø200mm outlet connectors.

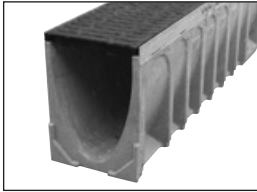
†† Sump assembly consists of a Ø200mm vertical outlet connector, silt bucket and sump body.

j Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.

Note: Gratings supplied separately please refer to page 34.

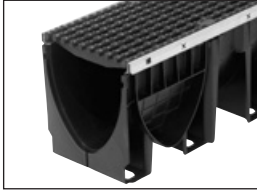
ACO Brickslot galvanised steel gratings also available for this channel system please see page 36.

For gully details please refer to page 77.



Gratings for use with ACO MultiDrain® M200D/M200PPD channels

Suitable for Load Class applications A 15, B 125, C 250, D 400†



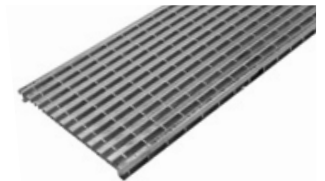
Description

ACO Drainlock™ gratings for use with the ACO MultiDrain® M200D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M200PPD channels with galvanised steel protective edge rail.

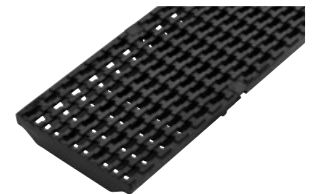


Gratings for Load Class B 125 applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133613	Heelguard™ mesh galvanised steel grate ⚙️ ↗️	1000	223	7.36	48	4 days
133614	Heelguard™ mesh galvanised steel grate ⚙️ ↗️	500	223	3.62	24	4 days
133629	Intercept-Profile galvanised steel grate ⚙️ ↗️	1000	223	7.4	48	4 days
133630	Intercept-Profile galvanised steel grate ⚙️ ↗️	500	223	3.63	24	4 days



133629 Intercept-Profile galvanised steel grate



23520 Intercept ductile iron grate

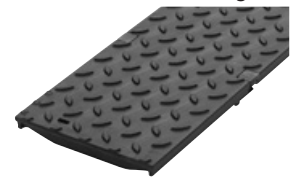


Gratings for Load Class C 250 applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133617	Heelguard™ mesh galvanised steel grate	1000	223	10.68	48	4 days
133618	Heelguard™ mesh galvanised steel grate	500	223	5.21	24	4 days



23221 Heelguard™ ductile iron grate



23220 Ductile iron solid cover grate



Gratings for Load Class D 400† applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23221	Heelguard™ ductile iron grate ⚙️ ↗️	500	223	10.3	90	4 days
23520	Heelguard™ Intercept ductile iron grate ⚙️ ↗️	500	223	8.72	90	4 days
23521	NEW! Heelguard™ 6mm Rail Intercept, ductile iron grate ⚙️ ↗️	500	223	11.0	90	Call sales*
23220	Ductile iron solid cover grate	500	223	11.0	90	4 days
23224	Slotted ductile iron grate ↗️	500	223	9.8	90	4 days
133621	Heelguard™ mesh galvanised steel grate ⚙️ ↗️	1000	223	12.94	48	4 days
133622	Heelguard™ mesh galvanised steel grate ⚙️ ↗️	500	223	6.41	24	4 days



23224 Slotted ductile iron grate

† Not suitable for carriageways of public roads or motorways

⚙️ Indicates security locking feature is available

↗️ HeelGuard™ grating

* Product launch expected early Q3 please enquire for exact dates

ACO ATec high performance finish

Gratings for Load class D 400[†] applications with ACO ATec corrosion resistant coating



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23229	ATec coated Heelguard™ ductile iron grate  	500	223	10.3	90	Call sales



ATec coated Heelguard™
ductile iron grate



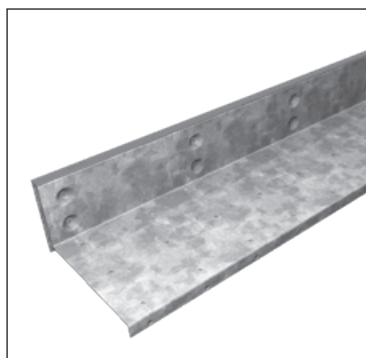
ACO ATec coating is a high performance finish that provides a superior resistance to corrosion. The electrochemically applied finish is strong and durable, making maintenance easier than on water-based surface coatings. The ATec finish also enhances long term durability in demanding environments and is particularly well suited for low trafficked areas. Please download our ATec datasheet for more information.

[†] Not suitable for carriageways of public roads or motorways

 Indicates security locking feature is available

 HeelGuard™ grating

See page 40 for grating accessories.



ACO MultiDrain® M200D / M200PPD galvanised steel Brickslot ST gratings

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO MultiDrain® M200D / M200PPD galvanised steel SlotTop gratings and access units.

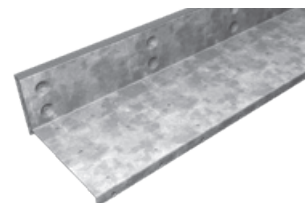
A range of galvanised steel discreet slot drainage gratings and access units for use with ACO MultiDrain® M200D channels with UltraSTEEL™ galvanised steel protective edge rail and the ACO MultiDrain® M200PPD channels with galvanised steel protective edge rail. The offset grating has a 10mm Heelguard™ drainage inlet, and is compatible with most types of pavements, setts and flags up to a maximum of 100mm deep.

ACO Brickslot ST gratings for use with ACO MultiDrain® M200D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M200PPD channels with galvanised steel protective edge rail



Gratings for Load Class D 400† applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446039*	Brickslot ST galvanised steel grate ✓	1000	223	8.1	36	10 days
446040*	Brickslot ST galvanised steel grate ✓	500	223	4.2	72	10 days



446039 / 446040 Brickslot ST galvanised steel grate

ACO Brickslot ST access units for use with ACO MultiDrain® M200D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M200PPD channels with galvanised steel protective edge rail



Access units for Load Class D 400† applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446041*	Brickslot ST access unit galvanised steel ✓	500	223	10.3	36	10 days



446041 Brickslot ST access unit galvanised steel

† Not suitable for carriageways of public roads or motorways

✓ HeelGuard™ grating

* As stock transitions, the original Brickslot design may be supplied depending on stock levels

Note: The ACO MultiDrain® M200D and the ACO MultiDrain® M200PPD Brickslot ST gratings and access units listed above are sold separately from the ACO MultiDrain® M200D and M200PPD channel units. For information on the channels to suit these gratings and access units, for ACO MultiDrain™ M200D channels see page 31 and for ACO MultiDrain® M200PPD channels see page 33.

Removal Instructions;

To remove the ACO Brickslot ST access unit, insert the lifting tools as shown in figure 1. Then lift the tray vertically from the frame (figure 2). Details of the lifting tool (Product Code 1367) can be found on page 40.

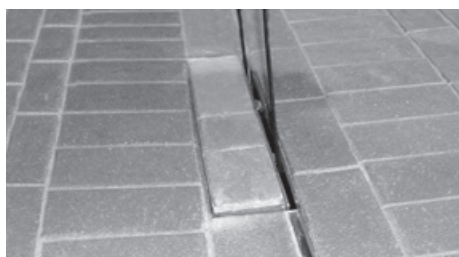


Figure 1

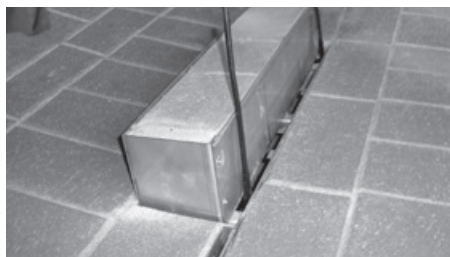
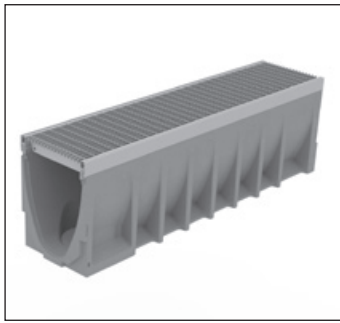


Figure 2



ACO MultiDrain® M200DS

Suitable for Load Class applications A 15, B 125, C 250, D 400†



Description

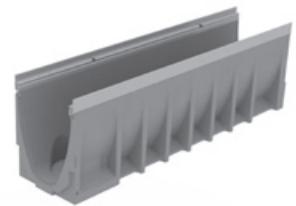
ACO MultiDrain® M200DS general purpose channel drainage system.

All channels are manufactured from Viente®, a polymeric based recycled material and have 200mm internal width with stainless steel protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.

Image shows channel with grating. Grating supplied separately please see note.

ACO M200DS polymer concrete constant depth channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
24210	M200DS No. 0.0*	1000	235	265	240	1/3	34.8	12	Call Sales
24213	M200DS No. 0.1J*	500	235	265	240	1/3	18.9	8	Call Sales
24211	M200DS No. 10.0*	1000	235	315	290	1/3	39.2	12	Call Sales
24214	M200DS No. 10.1J*	500	235	315	290	1/3	20.9	8	Call Sales
24212	M200DS No. 20.0*	1000	235	365	340	1/3	42.2	8	Call Sales
24215	M200DS No. 20.1J*	500	235	365	340	1/3	22.9	8	Call Sales



ACO M200DS 1m constant depth channel

ACO M200DS polymer concrete constant depth shallow channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
24216	M200DS No. 0100	1000	235	100	75	1	19.4	16	Call Sales
24217	M200DS No. 0100V	1000	235	100	75	1	18.7	16	Call Sales



ACO M200DS 0.5m constant depth channel



ACO M200DS 0100 channel



ACO M200DS 0100V channel

ACO M200DS step connector for step drainage systems

Product code	Description	Weight (kg)	Pack qty	Lead time
13401	M200DS 123 50mm step connector	0.6	10	10 days



ACO M200DS 123 50mm step connector

ACO M200DS multifunctional end cap (closing/inlet/outlet)

Product code	Description	Weight (kg)	Pack qty	Lead time
23219	M200DS 306 multifunctional end cap	0.4	10	10 days



ACO M200DS 306 multifunctional end cap

* Indicates channels supplied with a preformed Ø160mm knockout for vertical outlet.

J Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.

V Indicates channel with cast in TPE triple lipped seals for Ø110mm watertight pipe connection.

† Not suitable for carriageways of public roads or motorways.

Note: Gratings supplied separately please refer to page 38.

ACO Brickslot stainless steel gratings also available for this channel system please see page 39.

For gully details please refer to page 71.

The protective edge rails used on these channels are manufactured from Grade 304 stainless steel.

ACO M200DS

ACO M200DS sump unit with stainless steel protective edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Split pack charge	Lead time
24218	M200DS universal sump with plastic silt bucket	500	235	790	765	-	48.0	6	No	Call Sales

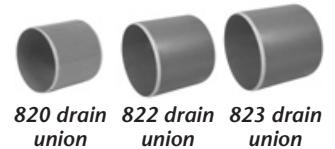


ACO M200DS universal sump with plastic silt bucket

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Union PVC-U Ø110mm	0.1	5	4 days
0058	822 Union PVC-U Ø160mm	0.5	5	4 days
2723	823 Union PVC-U Ø200mm	0.6	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7932	950 Roddable foul air-trap MDPE Ø160mm	0.8	5	4 days
32599	Polymer concrete repair kit	1.0+	1	10 days

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets



820 drain union 822 drain union 823 drain union



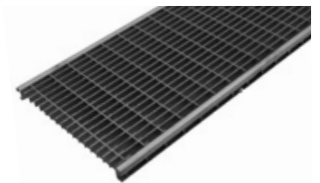
922 foul air-trap 950 roddable foul air-trap

ACO Drainlock™ gratings for use with ACO MultiDrain® M200DS channels with stainless steel protective edge rail



Gratings for Load Class B 125 applications

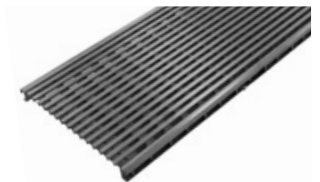
Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133615	Heelguard™ mesh stainless steel grate ⚙️ ↗️	1000	223	7.22	48	Call Sales
133616	Heelguard™ mesh stainless steel grate ⚙️ ↗️	500	223	3.65	24	Call Sales
133631	Intercept-Profile stainless steel grate ⚙️ ↗️	1000	223	7.42	48	Call Sales
133632	Intercept-Profile stainless steel grate ⚙️ ↗️	500	223	3.68	24	Call Sales
133635	Intercept-Bar stainless steel grate ⚙️ ↗️	1000	223	8.07	48	Call Sales
133636	Intercept-Bar stainless steel grate ⚙️ ↗️	500	223	4.02	24	Call Sales



Heelguard™ mesh stainless steel



Intercept-Profile stainless steel



Intercept-Bar stainless steel



Gratings for Load Class C 250 applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133619	Heelguard™ mesh stainless steel grate ⚙️ ↗️	1000	223	10.72	48	Call Sales
133620	Heelguard™ mesh stainless steel grate ⚙️ ↗️	500	223	5.27	24	Call Sales

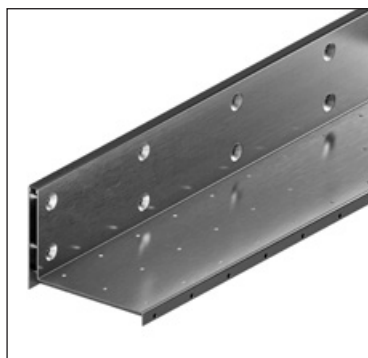


Gratings for Load Class D 400 applications

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
133623	Heelguard™ mesh stainless steel grate ⚙️ ↗️	1000	223	12.96	48	Call Sales
133624	Heelguard™ mesh stainless steel grate ⚙️ ↗️	500	223	6.47	24	Call Sales

⚙️ Indicates security locking feature is available

↗️ HeelGuard™ grating



ACO MultiDrain® M200DS stainless steel Brickslot ST gratings

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO MultiDrain® M200DS stainless steel Brickslot ST gratings and access units.

A range of stainless steel discreet slot drainage gratings and access units for use with ACO MultiDrain® M200DS channels with stainless steel protective edge rails. The offset grating has a 10mm Heelguard™ drainage inlet, and is compatible with most types of pavements, setts and flags up to a maximum of 100mm deep.

ACO Brickslot ST stainless steel gratings suitable for ACO MultiDrain® M200DS channels with stainless steel protective edge rail

Gratings for Load Class D 400†

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446042	Brickslot ST stainless steel grate ↗	1000	223	8.1	36	10 days
446043	Brickslot ST stainless steel grate ↗	500	223	4.1	72	10 days



446042 / 446043 Brickslot ST stainless steel grate

ACO Brickslot ST stainless steel access unit suitable for ACO MultiDrain® M200DS channels with stainless steel protective edge rail

Access units for Load Class D 400†

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
446044	Brickslot ST access unit stainless steel grate ↗	500	223	10.3	36	10 days



446044 Brickslot ST access unit stainless steel grate

† Not suitable for carriageways of public roads or motorways

Note: The ACO MultiDrain® stainless steel Brickslot gratings and access units listed above are sold separately from the ACO MultiDrain® M200DS channel units. For information on channels to suit these gratings and access units see page 37.

Removal Instructions;

To remove the ACO Brickslot access unit, insert the lifting tools as shown in figure 1. Then lift the tray vertically from the frame (figure 2). Details of the lifting tool (Product Code 1367) can be found on page 40.

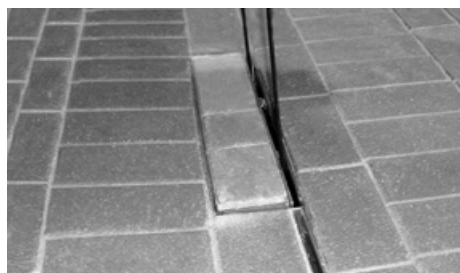


Figure 1

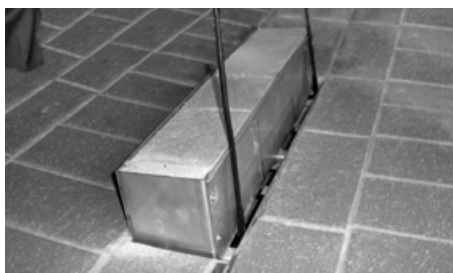


Figure 2

SlotTop gratings
for ACO M200DS

ACO MultiDrain® Ductile and Galvanised Steel Grating Accessories

Drainlock™ security locking for select M100D grates

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23415	Drainlock™ security locking assembly For use with: 132720, 23405, 23409, 23417, 23511	96	20	0.1	1	4 days
445828	Drainlock™ security locking assembly Mesh B125 & C250* For use with: 132880, 132881	96	27	0.07	1	Call sales
445745	Drainlock™ security locking assembly Mesh D400* For use with: 132885, 132886	96	27	0.06	1	Call sales
445830	Drainlock™ security locking assembly Profile* For use with: 132555, 132550	96	27	0.06	1	Call sales
23416	Drainlock™ security key For use with: 132720, 23405, 23409, 23417	75	30	0.01	1	4 days
1367	Drainlock™ grating lifting tool For use with: All gratings	400	150	0.2	1	4 days



23415 M100D Drainlock™ security locking assembly



NEW! M100D Drainlock™ security locking assembly



23165 M150D Drainlock™ security locking assembly



NEW! M150D Drainlock™ security locking assembly



23225 M200D Drainlock™ security locking assembly



NEW! M200D Drainlock™ security locking assembly



Drainlock™ security key



Drainlock™ grating lifting tool

Drainlock™ security locking for select M150D grates

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23165	Drainlock™ security locking assembly For use with: 23161, 23169, 23516	146	20	0.1	1	4 days
445831	Drainlock™ security locking assembly Mesh* For use with: 133601, 133602, 133605, 133606, 133609, 133610	146	27	0.1	1	Call sales
445833	Drainlock™ security locking assembly Profile* For use with: 133625, 133626	146	27	0.1	1	Call sales
23416	Drainlock™ security key For use with: 23161, 23169	75	30	0.01	1	4 days
1367	Drainlock™ grating lifting tool For use with: All gratings	400	150	0.2	1	4 days

Drainlock™ security locking for select M200D grates

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23225	Drainlock™ security locking assembly For use with: 23221, 23229, 23521	195	20	0.1	1	4 days
445834	Drainlock™ security locking assembly Mesh* For use with: 133613, 133614, 133617, 133618, 133621, 133622	195	27	0.13	1	Call sales
445836	Drainlock™ security locking assembly Profile* For use with: 133629, 133630	195	27	0.11	1	Call sales
23416	Drainlock™ security key For use with: 23221, 23229	75	30	0.01	1	4 days
1367	Drainlock™ grating lifting tool For use with: All gratings	400	150	0.2	1	4 days

* Security key 23416 not compatible, allen key required

Note: 1m grates require 2pcs of Security locking assemblies and 0.5m grates require 1pc.

ACO MultiDrain® Stainless Steel Grating Accessories

Drainlock™ security locking for select M100DS grates

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
445828	Drainlock™ security locking assembly Mesh B125 & C250 For use with: 132882, 132883	96	27	0.7	1	Call sales
445745	Drainlock™ security locking assembly Mesh D400 For use with: 132887, 132888	96	27	0.06	1	Call sales
445830	Drainlock™ security locking assembly Profile For use with: 132551, 132556	96	27	0.06	1	Call sales
445829	Drainlock™ security locking assembly Bar For use with: 132552, 132557	96	27	0.07	1	Call sales
1367	Drainlock™ grating lifting tool For use with: All gratings	400	150	0.2	1	4 days



M100D Drainlock™ security locking assembly



NEW! M150D Drainlock™ security locking assembly

Drainlock™ security locking for select M150DS grates

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
445831	Drainlock™ security locking assembly Mesh For use with: 133603, 133604, 133607, 133608, 133611, 133612	146	27	0.1	1	Call sales
445833	Drainlock™ security locking assembly Profile For use with: 133627, 133628	146	27	0.1	1	Call sales
445832	Drainlock™ security locking assembly Bar For use with: 133633, 133634	146	27	0.1	1	Call sales
1367	Drainlock™ grating lifting tool For use with: All gratings	400	150	0.2	1	4 days



NEW! M200D Drainlock™ security locking assembly

Drainlock™ security locking for select M200DS grates

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
445834	Drainlock™ security locking assembly Mesh For use with: 133615, 133616, 133619, 133620, 133623, 133624	195	27	0.13	1	Call sales
445836	Drainlock™ security locking assembly Profile For use with: 133631, 133632	195	27	0.11	1	Call sales
445835	Drainlock™ security locking assembly Bar For use with: 133635, 133636	195	27	0.13	1	Call sales
1367	Drainlock™ grating lifting tool For use with: All gratings	400	150	0.2	1	4 days



Drainlock™ grating lifting tool

Note: 1m grates require 2pcs of Security locking assemblies and 0.5m grates require 1pc.

Locking mechanisms for stainless steel grates require a standard allen key.

Security key 23416 is not required.

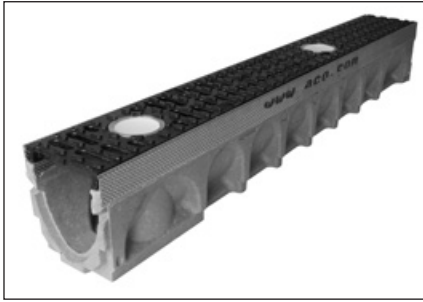


Image shows ACO MultiDrain® M100D with ACO LightPoint gratings. Gratings and channels supplied separately.

ACO LightPoint lighting system

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO LightPoint high quality spotlight gratings are available with a single LED spotlight with stainless steel surround.

The spotlights are available in a choice of colours, white or blue. RGB LED lighting is available to special order. The gratings can be combined with ACO MultiDrain® MD or PPD 100mm or 200mm wide channels to provide an attractive lighting and drainage system. Gratings are finished with a high quality black KTL coating.

ACO LightPoint

ACO LightPoint gratings



Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
49505	MD/PPD 100 ductile iron grating for use with spotlights	500	123	21	4.1	200	Call Sales
13478	MD/PPD 200 ductile iron grating for use with spotlights	500	223	30	9.6	90	Call Sales
49506	MD/PPD 100 ductile iron grating not for use with spotlights	500	123	21	4.1	200	Call Sales
13477	MD/PPD 200 ductile iron grating not for use with spotlights	500	223	30	11.6	90	Call Sales



Ductile iron grating for use with spotlights
(Product code 49505 or 13478)



Standard ductile iron gratings not for use with spotlights
(49506 or 13477)

ACO LightPoint kits and accessories

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
12691	ACO LightPoint basic kit with 2 white spotlights*	-	-	-	3.0	45	Call Sales
12692	ACO LightPoint basic kit with 2 blue spotlights*	-	-	-	3.0	45	Call Sales
12693	ACO LightPoint extension kit with 1 white spotlight**	-	-	-	1.05	125	Call Sales
12694	ACO LightPoint extension kit with 1 blue spotlight**	-	-	-	1.05	125	Call Sales
12695	Accessories kit***	-	-	-	0.2	125	Call Sales
32599	Polymer concrete repair kit	-	-	-	1 †	1	10 days

† Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

† Not suitable for carriageways of public roads or motorways

For details of the channels to suit this system please refer to the relevant ACO MultiDrain® MD or ACO MultiDrain® PPD sections within this document.



ACO LightPoint basic kit*

* ACO LightPoint basic kit consists of 1 x LED spotlight for continuous wiring, 1 x LED spotlight for single or terminating wiring, 1 x transformer unit (for up to 18 spotlights), 1 x 0.65m extension cable and 3 x safety sleeves.



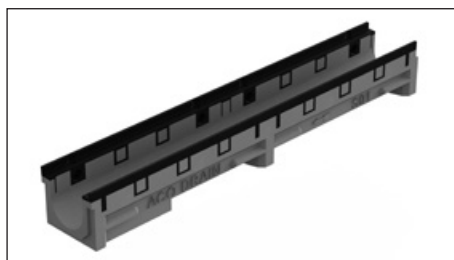
ACO LightPoint extension kit**

** ACO LightPoint extension kit consists of 1 x LED spotlight for continuous wiring and 1 x safety sleeve.



Accessories kit***

***Accessories kit contains 1 x 0.65m extension cable and 1 x safety sleeve.



Grating supplied separately please see note.

ACO S100

Suitable for Load Class applications D 400†, E 600, F 900



Description

ACO S100 polymer concrete channel.

All channels are manufactured from Viente®, a polymeric based recycled material and have 100mm internal width with cast iron edge rail. Channels have a choice of lockable ductile iron gratings.

ACO S100 polymer concrete constant depth and sloping channels: 1-20

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert type	Invert type	Weight (kg)	Pack qty	Lead time
0269	S01*	1000	155	137	112	1/3	20.4	28	4 days
0270	S1	1000	155	137/143	112/118	2	20	14	4 days
0271	S2	1000	155	143/149	118/124	2	20.3	14	4 days
0272	S3	1000	155	149/155	124/130	2	20.4	14	4 days
0273	S4	1000	155	155/161	130/136	2	20.9	14	4 days
0274	S05*	1000	155	161	136	1/3	21.9	28	4 days
0275	S5	1000	155	161/167	136/142	2	21	14	4 days
0276	S6	1000	155	167/173	142/148	2	21.1	14	4 days
0277	S7	1000	155	173/179	148/154	2	22.9	14	4 days
0278	S8	1000	155	179/185	154/160	2	23.3	14	4 days
0279	S9	1000	155	185/191	160/166	2	24.1	14	4 days
0403	S010*	1000	155	191	166	1/3	25.3	28	4 days
0280	S110J*	500	155	191	166	1/3	13.7	28	4 days
0281	S10	1000	155	191/197	166/172	2	24.7	14	4 days
0282	S11	1000	155	197/203	172/178	2	24.8	14	4 days
0283	S12	1000	155	203/209	178/184	2	24.9	14	4 days
0284	S13	1000	155	209/215	184/190	2	25	14	4 days
0285	S14	1000	155	215/221	190/196	2	25.7	14	4 days
0286	S15	1000	155	221/227	196/202	2	25.8	14	4 days
0287	S16	1000	155	227/233	202/208	2	26.3	14	4 days
0288	S17	1000	155	233/239	208/214	2	27.4	14	4 days
0289	S18	1000	155	239/245	214/220	2	27.7	14	4 days
0290	S19	1000	155	245/251	220/226	2	28.5	14	4 days
0405	S020*	1000	155	251	226	1/3	28.9	28	4 days
0291	S120J*	500	155	251	226	1/3	17.4	28	4 days
0292	S20	1000	155	251	226/232	2	28.8	14	4 days

* Indicates channels supplied with a preformed Ø110mm round knockout for vertical outlet

J Indicates availability of side junction for 90° bends.

† Not suitable for carriageways of public roads or motorways.

Note: Gratings sold separately please refer to page 45.



ACO S100 1m channel



ACO S100 500mm junction unit

ACO S100

Range continued: ACO S100 polymer concrete constant depth and sloping channels: 21 – 30

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert type	Invert type	Weight (kg)	Pack qty	Lead time
0293	S21	1000	155	257/263	232/238	2	29.2	7	10 days
0294	S22	1000	155	263/269	238/244	2	29.3	7	10 days
0295	S23	1000	155	269/275	244/250	2	30	7	10 days
0296	S24	1000	155	275/281	250/256	2	31.1	7	10 days
0297	S25	1000	155	281/287	256/262	2	31.2	7	10 days
0298	S26	1000	155	287/293	262/268	2	31.3	7	10 days
0299	S27	1000	155	293/299	268/274	2	32.3	7	10 days
0300	S28	1000	155	299/305	274/280	2	32.7	7	10 days
0301	S29	1000	155	305/311	280/286	2	33.1	7	10 days
0407	S030*	1000	155	311	286	1/3	33.3	21	4 days
0302	S130J*	500	155	311	286	1/3	19.7	28	4 days
0303	S30	1000	155	311/317	286/292	2	34.7	7	10 days



ACO S100 channel

ACO S100 polymer concrete sump unit

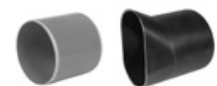
Product code	Description	Weight (kg)	Pack qty	Lead time
4223	S900 Sump unit c/w silt bucket	38.3	14	4 days



ACO S100 sump unit c/w silt bucket

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø110mm	0.1	5	4 days
0057	821 Oval to round drain union PVC-U Ø110/160mm	0.5	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2640	920 Foul air-trap PVC-U Ø110mm	0.5	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7931	940 Roddable foul air-trap MDPE Ø110mm	0.6	5	4 days
7932	950 Roddable foul air-trap MDPE Ø160mm	0.8	5	4 days
32599	Polymer concrete repair kit	1†	1	10 days



820 drain union 821 Oval to round drain union



920 foul air-trap 922 foul air-trap



950 roddable foul air-trap



Polymer concrete repair kit

† Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

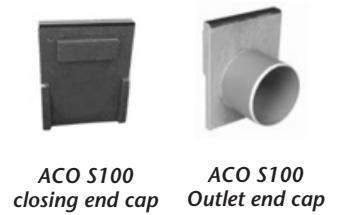
* Preformed Ø110mm round knockout for vertical outlet.

† Not suitable for carriageways of public roads or motorways.

Note: For gully details please refer to page 71.

Closing/outlet/inlet end caps with cast iron integral edge rail. Closing end caps are reversible to fit either end of channel.

Product code	Description	Weight (kg)	Pack qty	Lead time
0411	S106 Closing	1.0	10	4 days
0413	S206 Closing	1.3	10	4 days
0414	S306 Closing	1.7	10	4 days
0415	S108 Outlet	1.2	10	4 days
0416	S208 Outlet	1.5	10	4 days
0418	S308 Outlet	1.9	10	4 days
0419	S109 Inlet	1.1	10	4 days
0420	S209 Inlet	1.5	10	4 days
0421	S309 Inlet	1.9	10	4 days



ACO S100

Step connector for stepped drainage systems with invert difference of 60mm

Product code	Description	Weight (kg)	Pack qty	Lead time
0858	S100 123 60mm step connector	1.1	10	4 days

Gratings complete with 4 bolts for use with ACO S100 channels

Gratings for Load Class E600 applications



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
0776	Intercept ductile iron 776	500	139	6.8	156	Call Sales



Gratings for Load Class F900 applications



Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
4604	Slotted ductile iron 772	500	139	5.6	175	4 days
0774	Heelguard™ ductile iron 774	500	139	6.7	156	4 days
7626	Solid ductile iron 778	500	139	6.7	144	Call Sales
2324	Bolts only	-	-	-	400	4 days



Note: For gully details please refer to page 71.



ACO S150 with bolted grating

Suitable for Load Class applications D 400†, E 600, F 900



Description

ACO S150 polymer concrete channel.

All channels are manufactured from Viente®, a polymeric based recycled material and have 150mm internal width with cast iron edge rail.

Image shows complete channel assembly.

Channels are supplied with gratings fitted for safe mechanical handling.

ACO S150 polymer concrete constant depth channels with cast iron integral edge rail, complete with ductile iron slotted grating

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
1151	S150 1501*	1000	205	220	195	1/3	44.0	20	10 days
1176	S150 1504J*	500	205	220	195	1/3	26.1	20	10 days
1152	S150 1502*	1000	205	270	245	1/3	48.0	15	10 days
1154	S150 1505J*	500	205	270	245	1/3	28.6	20	10 days
1153	S150 1503*	1000	205	320	295	1/3	52.6	15	10 days



ACO S150 1m channel



ACO S150 500mm channel



ACO S150 sump top and base unit



ACO S150 closing end cap



ACO S150 50mm step connector

ACO S150 polymer concrete sump unit and accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0875	S150 sump unit assembly c/w silt bucket	62.7	8	10 days
1168	Raising piece	18.5	1	10 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2723	823 Drain union PVC-U Ø200mm	0.5	5	4 days
32599	Polymer concrete repair kit	1+	1	10 days

Closing and outlet end caps with cast iron integral edge rail, closing end caps are reversible to fit either channel end

Product code	Description	Weight (kg)	Pack qty	Lead time
1130	S150 Closing end cap to suit all channels	2.6	10	10 days
1131	S150 Outlet end cap 220 deep Ø160mm	2.4	10	10 days
1132	S150 Outlet end cap 270 deep Ø160mm	2.7	10	10 days
1133	S150 Outlet end cap 320 deep Ø160mm	3.0	10	10 days

Step connector for stepped drainage systems with invert difference of 50mm

Product code	Description	Weight (kg)	Pack qty	Lead time
1159	S150 1159 50mm step connector	1.0	10	10 days

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

* Preformed Ø160mm round knockout for vertical outlet.

† Not suitable for carriageways of public roads or motorways.

J Indicates availability of side junction for 90° bends.

Note: For gully details please refer to page 71.

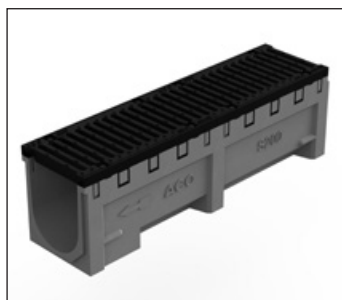


Image shows complete channel assembly.
Channels are supplied with gratings
fitted for safe mechanical handling.

ACO S200 with bolted grating

Suitable for Load Class applications D 400†, E 600, F 900



Description

S200 polymer concrete channel.

All channels are manufactured from Vientite®, a polymeric based recycled material and have 200mm internal width with cast iron edge rail.

ACO S200 polymer concrete constant depth channels with cast iron integral edge rail, complete with ductile iron slotted grating

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
1427	S200 2300*	1000	260	309	279	1	82.3	9	10 days
2847	S200 2310J*	500	260	309	279	1	40.0	16	10 days



ACO S200 1m channel



ACO S200 500mm channel

ACO S200

Closing and outlet end caps with cast iron integral edge rail, closing end cap is reversible to fit either channel end

Product code	Description	Weight (kg)	Pack qty	Lead time
1516	S200 Closing end cap	3.7	10	10 days
1517	S200 Outlet end cap Ø160mm	3.5	10	10 days



ACO S200 closing end cap



ACO S200 Outlet end cap

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
32599	Polymer concrete repair kit	1+	1	10 days



822 drain union



Polymer concrete repair kit

† Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

* Preformed Ø160mm round knockout for vertical outlet.

† Not suitable for carriageways of public roads or motorways.

J Indicates availability of side junction for 90° bends.

Note: For gully details please refer to page 71.

ACO S300 with bolted grating

Suitable for Load Class applications D 400†, E 600, F 900



Description

ACO S300 polymer concrete channel.

All channels are manufactured from Vienite®, a polymeric based recycled material and have 300mm internal width with cast iron edge rail.

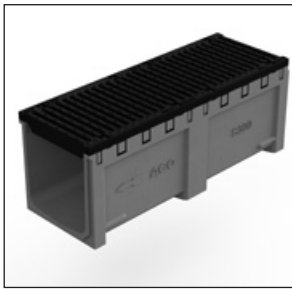


Image shows complete channel assembly.
Channels are supplied with gratings fitted for safe mechanical handling.

ACO S300 polymer concrete constant depth channels with cast iron integral edge rail, complete with ductile iron slotted grating

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
2632	S300 2400*	1000	360	390	360	1	128.0	6	10 days
1766	S300 1766J*	500	360	390	360	1	62.8	12	10 days

ACO S300 gully units and accessories

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
3102	S300 Gully top 2410	1000	360	390	360	1	133.2	6	10 days
1614	Shallow gully base only	500	320	365	n/a	n/a	25.4	8	10 days
4520	Deep gully base only	500	320	520	n/a	n/a	37.2	6	10 days
1697	Raising piece	500	320	300	n/a	n/a	24	4	10 days
1616	Bucket	n/a	n/a	n/a	n/a	n/a	4.7	1	4 days
0056	820 Drain union PVC-U Ø110mm	100	110	n/a	n/a	n/a	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	150	160	n/a	n/a	n/a	0.5	5	4 days
2723	823 Drain union PVC-U Ø200mm	200	200	n/a	n/a	n/a	0.6	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	-	160	n/a	n/a	n/a	1.9	5	4 days
7932	950 Roddable foul air-trap PVC-U Ø160mm	-	160	n/a	n/a	n/a	0.8	5	4 days

Polymer concrete repair kit is available please refer to page 47.

Closing and outlet end caps with cast iron integral edge rail, closing end cap is reversible to fit either channel end

Product code	Description	Weight (kg)	Pack qty	Lead time
2573	S300 Closing end cap	6.3	10	10 days
2574	S300 Outlet end cap Ø200mm	5.8	10	10 days

* Preformed Ø200mm round knockout for vertical outlet.

† Not suitable for carriageways of public roads or motorways

J Indicates availability of side junction for 90° bends.



ACO S300 1m channel



ACO S300 500mm channel



820 drain union 822 drain union 823 drain union



922 foul air-trap 950 roddable foul air-trap



ACO S300 closing end cap



ACO S300 Outlet end



ACO Slimline®

Suitable for Load Class applications A 15, B 125, C 250

Description

ACO Slimline® polymer concrete channel.

Internal width 110mm. Traditional slot channel drain.

ACO Slimline® channel and sump units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7110	Channel*	1000	146	146	128	1	15.0	56	10 days
7187	Channel	500	146	146	128	1	8.6	64	10 days
7174	Channel inspection assembly†*	540	146	146	128	1	12.3	1	10 days
7192	Inspection unit*	540	146	146	128	1	9.5	1	10 days
7189	Inspection unit polymer cover†	500	123	40	-	-	4.7	1	10 days
7191	Sump top	540	146	146	-	-	6.4	1	10 days
7190	Sump base	522	160	360	-	-	14.4	28	10 days
0872	Sump unit (polymer slot cover)† c/w silt bucket	540	146	506	-	-	27.7	1	10 days
0873	Sump unit (composite grating)†† c/w silt bucket	540	146	506	-	-	25.4	1	10 days



ACO Slimline® channel



ACO Slimline® sump c/w silt bucket

ACO Slimline®

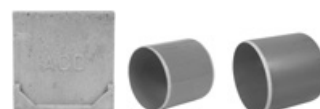
ACO Slimline® accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
7111	ACO Slimline® end cap	0.6	1	10 days
0056	820 Drain union PVC-U Ø110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2640	920 Foul air-trap PVC-U Ø110mm	0.5	5	4 days
01498	Sump bucket	0.5	1	10 days
7254	ACO Slimline® locking assembly	0.1	1	10 days

* Preformed Ø110mm round knockout for vertical outlet.

† To Load Class A 15.

†† To Load Class C 250..



End cap

820 drain union

822 drain union



920 foul air-trap

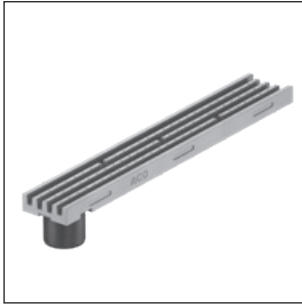
ACO Multislot

Suitable for Load Class applications C 250

Description

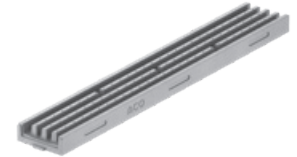
ACO Multislot polymer concrete channel.

All channels are manufactured from polymer concrete and are designed specifically to meet the drainage demands of multi-storey car parks. This low profile channel design is corrosion resistant and has no moveable parts which reduces overall noise.



ACO Multislot - Natural

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
135213	ACO Multislot 150 channel, natural	1000	150	50	12.2	16	Call Sales
135214	ACO Multislot 150 channel with outlet, natural	1000	150	50	12.1	4	Call Sales
135215	ACO Multislot 150 end cap start, natural	20	150	50	0.35	20	Call Sales
135216	ACO Multislot 150 end cap end, natural	40	150	50	0.5	20	Call Sales



ACO Multislot 150 channel, grey



ACO Multislot 150 channel with outlet, grey



ACO Multislot 150 end cap

ACO Multislot - Grey

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
135217	ACO Multislot 150 channel, grey	1000	150	50	12.2	16	Call Sales
135218	ACO Multislot 150 channel with outlet, grey	1000	150	50	12.1	4	Call Sales
135219	ACO Multislot 150 end cap start, grey	20	150	50	0.35	20	Call Sales
135220	ACO Multislot 150 end cap end, grey	40	150	50	0.5	20	Call Sales

ACO Multislot - Black

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
135221	ACO Multislot 150 channel, black	1000	150	50	12.2	16	Call Sales
135222	ACO Multislot 150 channel with outlet, black	1000	150	50	12.1	4	Call Sales
135223	ACO Multislot 150 end cap start, black	20	150	50	0.35	20	Call Sales
135224	ACO Multislot 150 end cap end, black	40	150	50	0.5	20	Call Sales

ACO Multislot Outlet

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
01043	ACO Multislot outlet with double clamping flange D110mm	360	360	250	4	1	Call Sales



ACO Multislot outlet



ACO MonoDrain™ PD100D - Black

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO MonoDrain™ PD100D black one-piece general purpose channel drainage system.

Internal width 100mm. One-piece channels manufactured from Viente®, a polymeric based recycled material. Full range accessories available including access and sump units for maintenance, silt management and outlet purposes. The system is CE marked and fully certificated to EN 1433:2002.

ACO PD100D Black polymer concrete constant depth channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20600	PD100D No. 0.0 Channel	1000	150	185	160	8	1/3	31.5	28	4 days
20603	PD100D No. 0.3J* Access Unit	500	150	185	160	-	1/3	16.8	28	4 days
20610	PD100D No. 10.0 Channel	1000	150	225	200	8	1/3	34.6	28	4 days
20613	PD100D No. 10.3J* Access Unit	500	150	225	200	-	1/3	18.5	28	4 days
20620	PD100D No. 20.0 Channel	1000	150	265	240	8	1/3	37.7	21	4 days
20623	PD100D No. 20.3J* Access Unit	500	150	265	240	-	1/3	20.1	28	4 days
20630	PD100D No. 30.0 Channel	1000	150	305	280	8	1/3	40.8	21	4 days
20633	PD100D No. 30.3J* Access Unit	500	150	305	280	-	1/3	21.7	28	4 days



ACO MonoDrain™
PD100D 1000mm
channel



ACO MonoDrain™
PD100D 500mm
access unit



ACO MonoDrain™
PD100D shallow channel



ACO MonoDrain™
PD100D shallow
access unit

ACO PD100D Black polymer concrete shallow depth channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20640	PD100D Shallow Channel	1000	150	135	110	8	1	26.1	35	4 days
20643	PD100D Shallow* Access Unit	500	150	135	110	-	1	13.6	28	4 days

* Indicates channels supplied with preformed Ø110mm knockout for vertical connection

J Indicates side knockouts for 90° channel connection. Knockout on both sides of the channel

Access units are supplied with black ductile iron covers

† Not suitable for carriageways of public roads or motorways

ACO PD100D step connector for stepped drainage systems

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20651	MonoDrain PD100D Step connector	100	90	40	-	-	-	0.9	10	4 days



ACO MonoDrain™ PD100D step connector

ACO PD100D multifunctional end cap (closing/inlet/outlet)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Outlet width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20601	MonoDrain PD100D Multifunctional end cap	-	150	175/295	50	110	-	0.2	10	4 days

Note. The closing end cap can be cut down to suit all PD100D channels

*PVC-U Ø110mm pipe connection



ACO MonoDrain™ PD100D multifunctional end cap

ACO PD100D sump unit with ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20650	MonoDrain PD100D sump	500	150	725	706	8	-	50.3	10	4 days

Sump unit supplied complete with black ductile iron grating

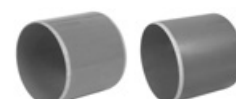


ACO MonoDrain™ PD100D sump unit

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø 110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø 160mm	0.5	5	4 days
2638	922 Foul air trap PVC-U Ø 160mm	1.9	5	4 days
7932	950 Roddable foul air trap MDPE Ø 160mm	0.8	5	4 days
32599	Polymer concrete repair kit	1 +	1	10 days

+ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets



820 drain union

822 drain union



922 foul air-trap

950 roddable foul air-trap

For gully details please refer to page 71.



ACO MonoDrain™ PD150D - Black

Suitable for Load Class applications A 15, B 125, C 250, D 400†



Description

ACO MonoDrain™ PD150D black one-piece general purpose channel drainage system.

Internal width 150mm. One-piece channels manufactured from Vienite®, a polymeric based recycled material. Full range accessories available including access and sump units for maintenance, silt management and outlet purposes. The system is CE marked and fully certificated to EN 1433:2002.

ACO PD150D Black polymer concrete constant depth channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20800	PD150D No. 0.0 Channel black	1000	200	235	210	10	1/3	48.6	15	4 days
20803	PD150D No. 0.3J* Access black	500	200	235	210	-	1/3	25.6	20	4 days
20810	PD150D No. 10.0 Channel black	1000	200	275	250	10	1/3	50.8	15	4 days
20813	PD150D No. 10.3J* Access black	500	200	275	250	-	1/3	27.1	20	4 days
20820	PD150D No. 20.0 Channel black	1000	200	315	290	10	1/3	54.8	15	4 days
20823	PD150D No. 20.3J* Access black	500	200	315	290	-	1/3	28.7	20	4 days



ACO MonoDrain™
PD150D 1000mm
channel



ACO MonoDrain™
PD150D 500mm
access unit

ACO PD150D step connector for stepped drainage systems

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20851	MonoDrain PD150D Step connector	120	150	40	-	-	-	1.12	10	4 days



ACO MonoDrain™
PD150D step connector

ACO PD150D multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20801	MonoDrain PD150D Multifunctional end cap	3	200	315	-	-	-	0.24	10	4 days



ACO MonoDrain™
PD150D multifunctional
end cap

* Indicates channels supplied with preformed Ø160mm knockout for vertical connection

J Indicates side knockouts for 90° channel connection. Knockout on both sides of the channel

Access units are supplied with black composite covers

† Not suitable for carriageways of public roads or motorways

ACO MonoDrain™

ACO PD150D sump unit with ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20850	MonoDrain PD150D sump	500	200	761	741	8	-	60.2	5	4 days

Sump unit supplied complete with black ductile iron grating



ACO MonoDrain™
PD150D sump unit

Accessories

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23165	MultiDrain® M150D/DS/PPD Drainlock™ security locking assembly	146	20	0.1	1	4 days
23416	Drainlock™ security key	75	30	0.01	1	4 days
1367	Drainlock™ grating lifting tool	400	150	0.2	1	4 days
0056	820 Drain union PVC-U Ø110mm			0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm			0.5	5	4 days
2638	922 Foul air trap PVC-U Ø160mm			1.9	5	4 days
7932	950 Roddable foul air trap MDPE Ø160mm			0.8	1	4 days
32599	Polymer concrete repair kit			1+	1	10 days

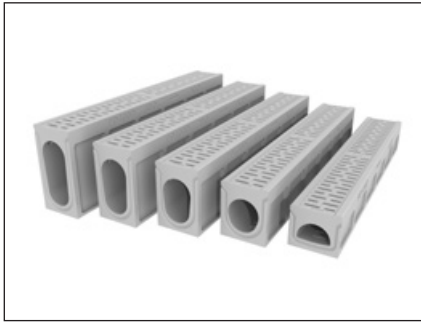


820 drain union 822 drain union



922 foul air-trap 950 roddable foul air-trap

† Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets



ACO MonoDrain™ PD100D - Grey

Suitable for Load Class applications A 15, B 125, C 250, D 400†

Description

ACO MonoDrain™ PD100D grey one-piece general purpose channel drainage system.

Internal width 100mm. One-piece channels manufactured from Viente®, a polymeric based recycled material. Full range accessories available including access and sump units for maintenance, silt management and outlet purposes. The system is CE marked and fully certificated to EN 1433:2002.

ACO PD100D Grey polymer concrete constant depth channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
26600	PD100D No. 0.0 Channel	1000	150	185	160	8	1/3	31.5	28	Call sales
26603	PD100D No. 0.3J* Access Unit	500	150	185	160	-	1/3	16.8	28	Call sales
26610	PD100D No. 10.0 Channel	1000	150	225	200	8	1/3	34.6	28	Call sales
26613	PD100D No. 10.3J* Access Unit	500	150	225	200	-	1/3	18.5	28	Call sales
26620	PD100D No. 20.0 Channel	1000	150	265	240	8	1/3	37.7	21	Call sales
26623	PD100D No. 20.3J* Access Unit	500	150	265	240	-	1/3	20.1	28	Call sales
26630	PD100D No. 30.0 Channel	1000	150	305	280	8	1/3	40.8	21	Call sales
26633	PD100D No. 30.3J* Access Unit	500	150	305	280	-	1/3	21.7	28	Call sales



ACO MonoDrain®
PD100D 1000mm
channel



ACO MonoDrain®
PD100D 500mm
access unit



ACO MonoDrain®
PD100D shallow channel



ACO MonoDrain®
PD100D shallow
access unit

ACO PD100D Grey polymer concrete shallow depth channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
26640	PD100D Shallow Channel	1000	150	135	110	8	1	26.1	35	Call sales
26643	PD100D Shallow* Access Unit	500	150	135	110	-	1	13.6	28	Call sales

* Indicates channels supplied with preformed Ø110mm knockout for vertical connection

J Indicates side knockouts for 90° channel connection. Knockout on both sides of the channel

Access units are supplied with black composite covers

† Not suitable for carriageways of public roads or motorways

ACO PD100D step connector for stepped drainage systems

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20651	MonoDrain PD100D Step connector	100	90	40	-	-	-	0.9	10	4 days



ACO MonoDrain™
PD100D step connector

ACO PD100D multifunctional end cap (closing/inlet/outlet)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Outlet width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20601	MonoDrain PD100D Multifunctional end cap	-	150	175/295	50	110	-	0.2	10	4 days

Note. The closing end cap can be cut down to suit all PD100D channels

*PVC-U Ø110mm pipe connection



ACO MonoDrain™
PD100D multifunctional end cap

ACO PD100D sump unit with ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20650	MonoDrain PD100D sump	500	150	725	706	8	-	50.3	10	4 days

Sump unit supplied complete with black ductile iron grating



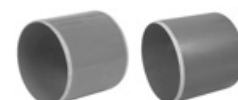
ACO MonoDrain™
PD100D sump unit

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø 110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø 160mm	0.5	5	4 days
2638	922 Foul air trap PVC-U Ø 160mm	1.9	5	4 days
7932	950 Roddable foul air trap MDPE Ø 160mm	0.8	5	4 days
32599	Polymer concrete repair kit	1 +	1	10 days

+ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

For gully details please refer to page 71.



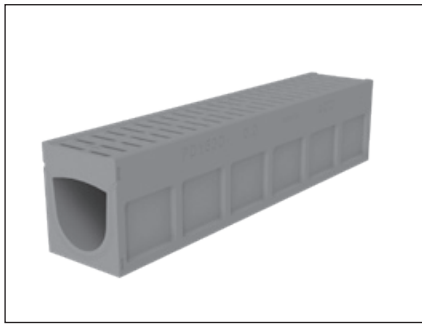
820 drain union

822 drain union



922 foul air-trap

950 roddable foul air-trap



ACO MonoDrain™ PD150D - Grey

Suitable for Load Class applications A 15, B 125, C 250, D 400†



Description

ACO MonoDrain™ PD150D grey one-piece general purpose channel drainage system.

Internal width 150mm. One-piece channels manufactured from Vienite®, a polymeric based recycled material. Full range accessories available including access and sump units for maintenance, silt management and outlet purposes. The system is CE marked and fully certificated to EN 1433:2002.

ACO PD150D Grey polymer concrete constant depth channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
26800	PD150D No. 0.0 Channel grey	1000	200	235	210	10	1/3	48.6	15	Call sales
26803	PD150D No. 0.3J* Access grey	500	200	235	210	-	1/3	25.6	20	Call sales
26810	PD150D No. 10.0 Channel grey	1000	200	275	250	10	1/3	50.8	15	Call sales
26813	PD150D No. 10.3J* Access grey	500	200	275	250	-	1/3	27.1	20	Call sales
26820	PD150D No. 20.0 Channel grey	1000	200	315	290	10	1/3	54.8	15	Call sales
26823	PD150D No. 20.3J* Access grey	500	200	315	290	-	1/3	28.7	20	Call sales



ACO MonoDrain™
PD150D 1000mm
channel



ACO MonoDrain™
PD150D 500mm
access unit

ACO PD150D step connector for stepped drainage systems

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20851	MonoDrain PD150D Step connector	120	150	40	-	-	-	1.12	10	4 days



ACO MonoDrain™
PD150D step connector

ACO PD150D multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20801	MonoDrain PD150D Multifunctional end cap	3	200	315	-	-	-	0.24	10	4 days



ACO MonoDrain™
PD150D multifunctional
end cap

* Indicates channels supplied with preformed Ø160mm knockout for vertical connection

J Indicates side knockouts for 90° channel connection. Knockout on both sides of the channel

Access units are supplied with black composite covers

† Not suitable for carriageways of public roads or motorways

ACO MonoDrain™

ACO PD150D sump unit with ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20850	MonoDrain PD150D sump	500	200	761	741	8	-	60.2	5	4 days



ACO MonoDrain™
PD150D sump

Accessories

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23165	MultiDrain® M150D/DS/PPD Drainlock™ security locking assembly	146	20	0.1	1	4 days
23416	Drainlock™ security key	75	30	0.01	1	4 days
1367	Drainlock™ grating lifting tool	400	150	0.2	1	4 days
0056	820 Drain union PVC-U Ø110mm			0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm			0.5	5	4 days
2638	922 Foul air trap PVC-U Ø160mm			1.9	5	4 days
7932	950 Roddable foul air trap MDPE Ø160mm			0.8	1	4 days
32599	Polymer concrete repair kit			1+	1	10 days

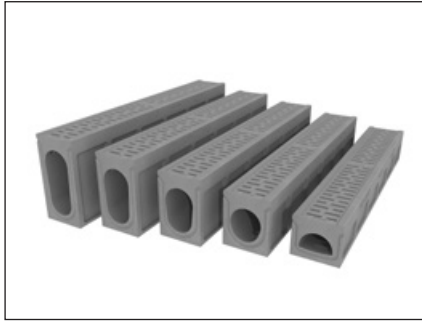


820 drain union 822 drain union



922 foul air-trap 950 roddable foul air-trap

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets



ACO MonoDrain™ PD100D - Natural

Suitable for Load Class applications A 15, B 125, C 250, D 400†

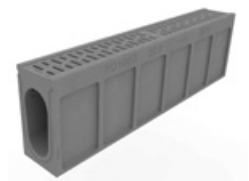
Description

ACO MonoDrain™ PD100D natural one-piece general purpose channel drainage system.

Internal width 100mm. One-piece channels manufactured from Viente®, a polymeric based recycled material. Full range accessories available including access and sump units for maintenance, silt management and outlet purposes. The system is CE marked and fully certificated to EN 1433:2002.

ACO PD100D Natural polymer concrete constant depth channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
28600	PD100D No. 0.0 Channel	1000	150	185	160	8	1/3	31.5	28	Call sales
28603	PD100D No. 0.3J* Access Unit	500	150	185	160	-	1/3	16.8	28	Call sales
28610	PD100D No. 10.0 Channel	1000	150	225	200	8	1/3	34.6	28	Call sales
28613	PD100D No. 10.3J* Access Unit	500	150	225	200	-	1/3	18.5	28	Call sales
28620	PD100D No. 20.0 Channel	1000	150	265	240	8	1/3	37.7	21	Call sales
28623	PD100D No. 20.3J* Access Unit	500	150	265	240	-	1/3	20.1	28	Call sales
28630	PD100D No. 30.0 Channel	1000	150	305	280	8	1/3	40.8	21	Call sales
28633	PD100D No. 30.3J* Access Unit	500	150	305	280	-	1/3	21.7	28	Call sales



ACO MonoDrain®
PD100D 1000mm
channel



ACO MonoDrain®
PD100D 500mm
access unit

ACO PD100D Natural polymer concrete shallow depth channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
28640	PD100D Shallow Channel	1000	150	135	110	8	1	26.1	35	Call sales
28643	PD100D Shallow* Access Unit	500	150	135	110	-	1	13.6	28	Call sales



ACO MonoDrain®
PD100D shallow channel



ACO MonoDrain®
PD100D shallow
access unit

* Indicates channels supplied with preformed Ø110mm knockout for vertical connection

J Indicates side knockouts for 90° channel connection. Knockout on both sides of the channel

Access units are supplied with black composite covers

† Not suitable for carriageways of public roads or motorways

ACO PD100D step connector for stepped drainage systems

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20651	MonoDrain PD100D Step connector	100	90	40	-	-	-	0.9	10	4 days



ACO MonoDrain™
PD100D step connector

ACO PD100D multifunctional end cap (closing/inlet/outlet)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Outlet width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20601	MonoDrain PD100D Multifunctional end cap	-	150	175/295	50	110	-	0.2	10	4 days

Note. The closing end cap can be cut down to suit all PD100D channels

*PVC-U Ø110mm pipe connection



ACO MonoDrain™
PD100D multifunctional end cap

ACO PD100D sump unit with ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20650	MonoDrain PD100D sump	500	150	725	706	8	-	50.3	10	4 days

Sump unit supplied complete with black ductile iron grating



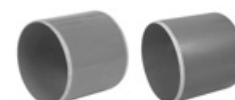
ACO MonoDrain™
PD100D sump unit

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø 110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø 160mm	0.5	5	4 days
2638	922 Foul air trap PVC-U Ø 160mm	1.9	5	4 days
7932	950 Roddable foul air trap MDPE Ø 160mm	0.8	5	4 days
32599	Polymer concrete repair kit	1 +	1	10 days

+ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

For gully details please refer to page 71.



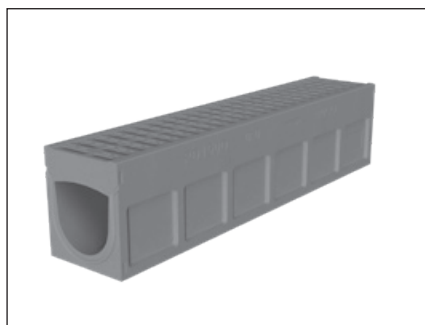
820 drain union

822 drain union



922 foul air-trap

950 roddable foul air-trap



ACO MonoDrain™ PD150D - Natural

Suitable for Load Class applications A 15, B 125, C 250, D 400†



Description

ACO MonoDrain™ PD150D natural one-piece general purpose channel drainage system.

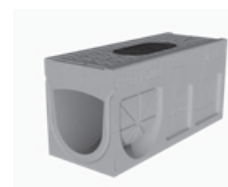
Internal width 150mm. One-piece channels manufactured from Vienite®, a polymeric based recycled material. Full range accessories available including access and sump units for maintenance, silt management and outlet purposes. The system is CE marked and fully certificated to EN 1433:2002.

ACO PD150D Natural polymer concrete constant depth channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
28800	PD150D No. 0.0 Channel natural	1000	200	235	210	10	1/3	48.6	15	Call sales
28803	PD150D No. 0.3J* Access natural	500	200	235	210	-	1/3	25.6	20	Call sales
28810	PD150D No. 10.0 Channel natural	1000	200	275	250	10	1/3	50.8	15	Call sales
28813	PD150D No. 10.3J Access natural	500	200	275	250	-	1/3	27.1	20	Call sales
28820	PD150D No. 20.0 Channel natural	1000	200	315	290	10	1/3	54.8	15	Call sales
28823	PD150D No. 20.3J Access natural	500	200	315	290	-	1/3	28.7	20	Call sales



ACO MonoDrain™
PD150D 1000mm
channel



ACO MonoDrain™
PD150D 500mm
access unit

ACO MonoDrain™

ACO PD150D step connector for stepped drainage systems

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20851	MonoDrain PD150D Step connector	120	150	40	-	-	-	1.12	10	4 days



ACO MonoDrain™
PD150D step connector

ACO PD150D multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20801	MonoDrain PD150D Multifunctional end cap	3	200	315	-	-	-	0.24	10	4 days



ACO MonoDrain™
PD150D multifunctional
end cap

* Indicates channels supplied with preformed Ø160mm knockout for vertical connection

J Indicates side knockouts for 90° channel connection. Knockout on both sides of the channel

Access units are supplied with black composite covers

† Not suitable for carriageways of public roads or motorways

ACO PD150D sump unit with ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Slot width (mm)	Invert type	Weight (kg)	Pack qty	Lead time
20850	MonoDrain PD150D sump	500	200	761	741	8	-	60.2	5	4 days



ACO MonoDrain™
PD150D sump

Accessories

Product code	Description	Length (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
23165	MultiDrain® M150D/DS/PPD Drainlock™ security locking assembly	146	20	0.1	1	4 days
23416	Drainlock™ security key	75	30	0.01	1	4 days
1367	Drainlock™ grating lifting tool	400	150	0.2	1	4 days
0056	820 Drain union PVC-U Ø110mm			0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm			0.5	5	4 days
2638	922 Foul air trap PVC-U Ø160mm			1.9	5	4 days
7932	950 Roddable foul air trap MDPE Ø160mm			0.8	1	4 days
32599	Polymer concrete repair kit			1+	1	10 days



820 drain union 822 drain union



922 foul air-trap 950 roddable foul air-trap

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets



ACO RoadDrain® 100

Suitable for Load Class applications D 400*, E 600 and F 900

Description

ACO RoadDrain® 100 channel.

Now carries the BSI Kitemark™ and is manufactured from Vientite®, a polymeric based recycled material.

Internal width 100mm. One-piece black polymer concrete drainage channel.

Access units incorporate a hinged ductile iron lid for system maintenance.

Note: For information regarding ACO RoadDrain® 200 please refer to page 71.



One-piece polymer concrete drainage channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
32101	PD100 F 10.1 channel	500	160	250	225	1/3	22.4	28	4 days
32201	PD100 F 20.1 channel	500	160	300	275	1/3	24.5	28	4 days
32301	PD100 F 30.1 channel	500	160	350	325	1/3	26.6	28	4 days
32401	PD100 F 40.1 channel	500	160	400	375	1/3	28.6	28	4 days
32501	PD100 F 50.1 channel	500	160	450	425	1/3	30.7	28	4 days
32103	PD100 F 10.3 access*	500	160	250	225	1/3	23.0	28	4 days
32303	PD100 F 30.3 access*	500	160	350	325	1/3	27.0	28	4 days
32503	PD100 F 50.3 access*	500	160	450	425	1/3	31.1	28	4 days

* Preformed Ø110mm round knockout for vertical outlet.



ACO RoadDrain® 100 channel



ACO RoadDrain® 100 access unit

ACO RoadDrain® 100

Closing and inlet/outlet end caps, reversible to fit either end of channel

Product code	Description	Weight (kg)	Pack qty	Lead time
32506	PD100 F 506 closing end cap	2.8	10	4 days
32308	PD100 F 308 inlet/outlet end cap	2.2	10	4 days
32508	PD100 F 508 inlet/outlet end cap	3.1	10	4 days



ACO RoadDrain® 100 end cap

Step connector for stepped drainage systems with invert difference of 50mm

Product code	Description	Weight (kg)	Pack qty	Lead time
30123	PD100 123 50mm step connector	0.9	10	4 days



ACO RoadDrain® 123 50mm step connector

ACO RoadDrain® polymer concrete sump unit

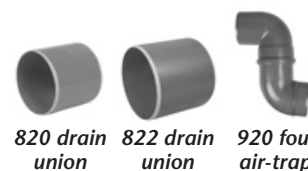
Product code	Description	Weight (kg)	Pack qty	Lead time
32900	PD900 F Sump unit c/w silt bucket	43.7	14	4 days



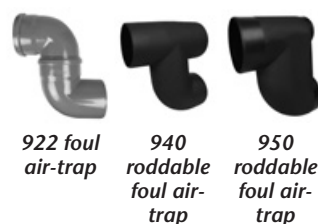
ACO RoadDrain® sump unit
c/w silt bucket

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2640	920 Foul air-trap PVC-U Ø110mm	0.5	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7931	940 Roddable foul air-trap MDPE Ø110mm	0.6	5	4 days
7932	950 Roddable foul air-trap MDPE Ø160mm	0.8	5	4 days
1367	Lifting tool No 835 (for access unit)	0.2	1	4 days
32599	Polymer concrete repair kit	1+	1	10 days



820 drain union 822 drain union 920 foul air-trap



922 foul air-trap 940 roddable foul air-trap 950 roddable foul air-trap

✦ *Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets*

Note: For gully details, please refer to page 71.



Drainlock™ grating lifting tool



Polymer concrete
repair kit



ACO RoadDrain® 200

Suitable for Load Class applications D 400*, E 600, F 900

Description

ACO RoadDrain® 200 channel.

Now carries the BSI Kitemark™ and is manufactured from Vienite®, a polymeric based recycled material.

Internal width 200mm. One-piece black polymer concrete drainage channel.

Access units incorporate a hinged ductile iron lid for system maintenance.



*BS EN 1433
KM 538858
D 400

One-piece polymer concrete drainage channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
33101	PD200 F 10.1 channel	500	260	400	370	1/3	52.0	16	10 days
33201	PD200 F 20.1 channel	500	260	450	420	1/3	54.5	16	10 days
33301	PD200 F 30.1 channel	500	260	500	470	1/3	58.3	16	10 days
33103	PD200 F 10.3 access*	500	260	400	370	1/3	58.9	16	10 days
33203	PD200 F 20.3 access*	500	260	450	420	1/3	61.0	16	10 days
33303	PD200 F 30.3 access*	500	260	500	470	1/3	63.1	16	10 days



ACO RoadDrain® 200 channel



ACO RoadDrain® 200 access unit

Closing and inlet/outlet end cap, reversible to fit either end of channel

Product code	Description	Weight (kg)	Pack qty	Lead time
33306	PD200 F 306 closing end cap	4.6	10	10 days
33108	PD200 F 108 inlet/outlet end cap	4.3	10	10 days
33208	PD200 F 208 inlet/outlet end cap	4.7	10	10 days
33308	PD200 F 308 inlet/outlet end cap	5.2	10	10 days



ACO RoadDrain® 200 closing end cap



ACO RoadDrain® 200 inlet/outlet end cap



ACO RoadDrain® 200 123 50mm step connector

Step connector for stepped drainage systems with invert difference of 50mm

Product code	Description	Weight (kg)	Pack qty	Lead time
33123	PD200F 123 50mm step connector	2.0	1	10 days

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
32599	Polymer concrete repair kit	1 +	1	10 days

+ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

* Preformed Ø160mm round knockout for vertical outlet.

Note: For Gully details please refer to page 71.



Polymer concrete repair kit

ACO RoadDrain® 200



ACO H Range RD 100V

Suitable for load class applications D 400, E 600 and F 900

Description

ACO H Range RD 100V one-piece natural polymer concrete channel.

Internal width 100mm. High capacity monocast channel suitable for highways and industrial applications.

One piece polymer concrete drainage channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
10763	H Range RD 100V channel	1000	160	265	50.5	1	Call Sales
10775	H Range RD 100V access unit	500	160	275	25.3	1	Call Sales



H Range RD 100V channel

Closing, inlet/outlet end cap and adapter to change flow direction

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
10781	H Range RD 100V Closing end cap for beginning of channel	30	160	265	1.9	1	Call Sales
10784	H Range RD 100V Closing end cap for end of channel	40	160	265	3.2	1	Call Sales
10787	H Range RD 100V inlet/outlet end cap	40	160	275	2.8	1	Call Sales
10790	H Range RD 100V reverse flow adapter	60	160	265	3	1	Call Sales



H Range RD 100V access unit



H Range RD 100V Closing end cap for beginning of channel



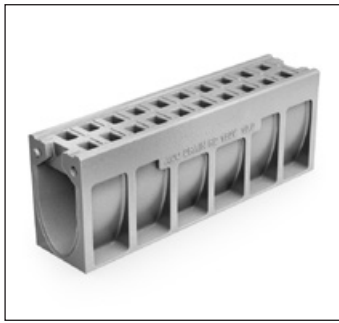
H Range RD 100V inlet/outlet end cap

H Range RD 100V polymer concrete sump units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
10769	H Range RD 100V Sump unit with Ø110mm outlet c/w silt bucket	500	160	525	55	1	Call Sales
10772	H Range RD 100V Sump unit with Ø160mm outlet c/w silt bucket	500	160	525	55	1	Call Sales



H Range RD 100V sump unit with Ø110mm outlet c/w silt bucket



ACO H Range RD 150V

Suitable for load class applications D 400, E 600 and F 900

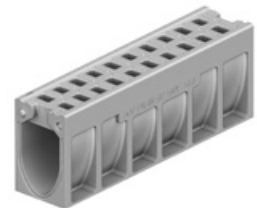
Description

ACO H Range RD 150V one-piece natural polymer concrete channel.

Internal width 150mm. High capacity monocast channel suitable for highways and industrial applications.

One piece polymer concrete drainage channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
130073	H Range RD 150V 0.0 channel	1000	210	280	66.3	1	Call Sales
130074	H Range RD 150V 10.0 channel	1000	210	380	74.9	1	Call Sales
130075	H Range RD 150V 20.0 channel	1000	210	480	83.6	1	Call Sales
130076	H Range RD 150V 0.0 access unit	660	210	280	44.3	1	Call Sales
130077	H Range RD 150V 10.0 access unit	660	210	380	51.7	1	Call Sales
130078	H Range RD 150V 20.0 access unit	660	210	480	59.1	1	Call Sales
130079	H Range RD 150V 0.0 access unit with Ø110mm outlet	660	210	280	44.8	1	Call Sales
130080	H Range RD 150V 10.0 access unit with Ø110mm outlet	660	210	380	51.1	1	Call Sales
130081	H Range RD 150V 20.0 access unit with Ø110mm outlet	660	210	480	58.3	1	Call Sales



H Range RD 150V 10.0 channel



H Range RD 150V 10.0 access unit

ACO H Range RD 150

Closing, inlet/outlet end caps

Product code	Description	Weight (kg)	Pack qty	Lead time
130085	H Range RD 150V 0.0 closing end cap	5.2	1	Call Sales
130086	H Range RD 150V 10.0 closing end cap	6.9	1	Call Sales
130087	H Range RD 150V 20.0 closing end cap	8.5	1	Call Sales
130088	H Range RD 150V 0.0 inlet/outlet end cap	3.8	1	Call Sales
130089	H Range RD 150V 10.0 inlet/outlet end cap	5.4	1	Call Sales
130090	H Range RD 150V 20.0 inlet/outlet end cap	7.9	1	Call Sales



H Range RD 150V 10.0 closing end cap



H Range RD 150V 10.0 inlet/outlet end cap

H Range RD 150V polymer concrete sump units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
130082	H Range RD 150V Sump unit - top section 0.0	660	210	330	48	1	Call Sales
130083	H Range RD 150V Sump unit - top section 10.0	660	210	430	53	1	Call Sales
130084	H Range RD 150V Sump unit - top section 20.0	660	210	530	65	1	Call Sales
10935	H Range RD 150V Sump unit - bottom section Ø160mm outlet	500	230	366	28.5	1	Call Sales
10936	H Range RD 150V Sump unit - bottom section Ø200mm outlet	500	230	365	27.5	1	Call Sales
13999	H Range RD 150V Sump unit - silt bucket					1	Call Sales



H Range RD 150V sump unit



ACO H Range RD 200V

Suitable for load class applications D 400, E 600 and F 900

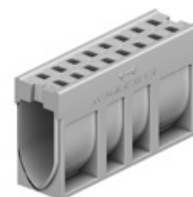
Description

ACO H Range RD 200V one-piece natural polymer concrete channel.

Internal width 200mm. High capacity monocast channel suitable for highways and industrial applications.

One piece polymer concrete drainage channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
130004	H Range RD 200V 0.0 channel	1000	260	330	92	1	Call Sales
130005	H Range RD 200V 0.0 channel (2000mm)	2000	260	330	184	1	Call Sales
130006	H Range RD 200V 20.0 channel	1000	260	530	111	1	Call Sales
130007	H Range RD 200V 20.0 channel (2000mm)	2000	260	530	228	1	Call Sales
130016	H Range RD 200V 0.0 access unit	660	260	330	51.6	1	Call Sales
130017	H Range RD 200V 20.0 access unit	660	260	530	67.6	1	Call Sales
130018	H Range RD 200V 0.0 access unit with Ø160mm outlet	660	260	330	51	1	Call Sales
130019	H Range RD 200V 20.0 access unit with Ø160mm outlet	660	260	530	67	1	Call Sales



H Range RD 200V 20.0 channel



H Range RD 200V 20.0 access unit

Closing, inlet/outlet end caps, adapter to change flow direction and slide connection adapter

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
130008	H Range RD 200V Closing end cap for beginning of channel 0.0	70	260	330	9	1	Call Sales
130009	H Range RD 200V Closing end cap for beginning of channel 20.0	70	260	530	12.4	1	Call Sales
130010	H Range RD 200V Closing end cap for end of channel 0.0	70	260	330	10	1	Call Sales
130011	H Range RD 200V Closing end cap for end of channel 20.0	70	260	530	14.9	1	Call Sales
130012	H Range RD 200V 0.0 inlet/outlet end cap	70	260	330	8.5	1	Call Sales
130013	H Range RD 200V 20.0 inlet/outlet end cap	70	260	530	13.1	1	Call Sales
130014	H Range RD 200V 0.0 reverse flow adapter	82	260	330	7.6	1	Call Sales
130015	H Range RD 200V 20.0 reverse flow adapter	82	260	530	9.8	1	Call Sales
130020	H Range RD 200V 0.0 side connection adapter	70	260	330	8	1	Call Sales
130021	H Range RD 200V 20.0 side connection adapter	70	260	530	9.9	1	Call Sales



H Range RD 200V Closing end cap for beginning of channel 0.0



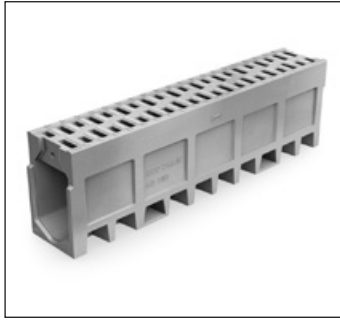
H Range RD 200V 0.0 inlet/outlet end cap

H Range RD 200V polymer concrete sump units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
130022	H Range RD 200V Sump unit - top section 0.0	660	260	360	48	1	Call Sales
130023	H Range RD 200V Sump unit - top section 20.0	660	260	560	65	1	Call Sales
10935	H Range RD 200V Sump unit - bottom section Ø160mm outlet	500	230	366	28.5	1	Call Sales
10936	H Range RD 200V Sump unit - bottom section Ø200mm outlet	500	230	365	27.5	1	Call Sales
13999	H Range RD 200V Sump unit - silt bucket	-	-	-	0.5	1	Call Sales



H Range RD 200V sump unit



ACO H Range RD 300V

Suitable for load class applications D 400, E 600 and F 900

Description

ACO H Range RD 300V one-piece natural polymer concrete channel.

Internal width 300mm. High capacity monocast channel suitable for highways and industrial applications.

One piece polymer concrete drainage channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
10820	H Range RD 300V Channel	2000	400	595	484	1	Call Sales
10803	H Range RD 300V Access unit	750	400	645	219	1	Call Sales

Closing, inlet/outlet end caps, adapter to change flow direction and slide connection adapter

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
10804	H Range RD 300V side connection adapter	-	400	595	29.2	1	Call Sales
10802	H Range RD 300V Closing end cap for end of channel	-	400	595	31.2	1	Call Sales
10801	H Range RD 300V Closing end cap for beginning of channel	-	400	595	38.8	1	Call Sales
10805	H Range RD 300V inlet/outlet end cap	-	400	595	29.5	1	Call Sales
10806	H Range RD 300V reverse flow adapter	-	400	595	34	1	Call Sales

H Range RD 300V polymer concrete sump units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
10821	H Range RD 300V Sump unit - top section	750	400	625	214	1	Call Sales
10822	H Range RD 300V Sump unit - middle section	-	520	330	72	1	Call Sales
10828	H Range RD 300V Sump unit - bottom section Ø315mm outlet	-	520	715	168	1	Call Sales
10823	H Range RD 300V Sump unit - bottom section Ø400mm outlet	-	520	715	168	1	Call Sales
10827	H Range RD 300V adapter for silt bucket	-	-	-	3.4	1	Call Sales
01617	H Range RD 300V Sump unit - silt bucket	-	-	-	6.2	1	Call Sales



H Range RD 300V Channel



H Range RD 300V Access unit



H Range RD 300V Closing end cap for end of channel



H Range RD 300V inlet/outlet end cap



H Range RD 300V sump unit

ACO H Range RD 300



ACO H Range SD 200V

Suitable for load class applications D 400

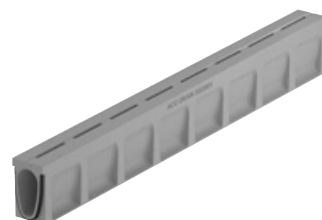
Description

ACO H Range SD 200V one-piece natural polymer concrete slotted channel with integrated seal.

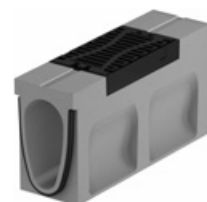
Internal width 200mm. High capacity monocast channel suitable for highways and industrial applications.

One piece polymer concrete drainage channels and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
130900	H Range SD 200V Channel	4000	300	510	575	1	Call Sales
130904	H Range SD 200V Access unit	1000	300	510	151.7	1	Call Sales
130905	H Range SD 200V Access unit with Ø160mm outlet	1000	300	510	154	1	Call Sales
130925	H Range SD 200V Access unit with Ø200mm outlet	1000	300	510	151	1	Call Sales



H Range SD 200V channel



H Range SD 200V Access unit

Closing, inlet/outlet end cap and adapter to change flow direction

Product code	Description	Weight (kg)	Pack qty	Lead time
130908	H Range SD 200V Closing end cap for beginning of channel	30	1	Call Sales
130909	H Range SD 200V Closing end cap for end of channel	21.2	1	Call Sales
130910	H Range SD 200V inlet/outlet end cap for end of channel	19	1	Call Sales
130914	H Range SD 200V reverse flow adapter	33.5	1	Call Sales



H Range SD 200V Closing end cap for beginning of channel



H Range SD 200V reverse flow adapter

H Range SD 200V polymer concrete sump units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
130907	H Range SD 200V Sump unit - top section	1000	300	570	177.2	1	Call Sales
10822	H Range SD 200V Sump unit - middle section	-	520	330	72	1	Call Sales
10828	H Range SD 200V Sump unit - bottom section Ø315mm outlet	-	520	715	168	1	Call Sales
10823	H Range SD 200V Sump unit - bottom section Ø440mm outlet	-	520	715	168	1	Call Sales
130915	H Range SD 200V Sump unit - silt bucket	-	-	-	6	1	Call Sales



SD Range sump unit

H Range SD 200V Combipoint inlet shaft

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
130906	Combipoint Upper section - Polymer concrete.	1000	300	540	158.2	1	Call Sales
89010	Combipoint 1A base with Ø160mm outlet			350	2.6	1	Call Sales
89011	Combipoint 2A base without outlet			350	2.5	1	Call Sales
89012	Combipoint Cone 11			350	2.6	1	Call Sales
89013	Combipoint Middle/upper part 5B/6A			350	2.6	1	Call Sales
89014	Combipoint Middle/upper part 3 with Ø160mm outlet			350	2.8	1	Call Sales
130922	Combipoint PP lower part - silt bucket				3.8	1	Call Sales



Combipoint 1A base with Ø160mm outlet



ACO Universal Gully

Suitable for Load Class applications A 15, B 125, C 250, D 400†, E 600, F 900

Description

Manufactured using recycled polyethylene and ductile iron.

For use with ACO drainage channels up to 200mm internal width.

ACO Universal Gully units - D 400 assemblies

Product code	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
33401	Gully assembly and bucket 601D	440	440	1315	870	1	52.5	1	4 days
33402	Gully assembly no bucket 602D	440	440	1315	870	1	51	1	4 days
33407	Gully top assembly only 607D	440	440	650	-	1	45	1	4 days
44355	Grating and frame 600D	400*	564 ††	100	-	1	40	1	4 days



ACO Universal Gully complete 601 D

ACO Universal Gully

ACO Universal Gully units - F 900 assemblies

Product code	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
33601	Gully assembly and bucket 601F	440	440	1315	870	1	78.8	1	4 days
33602	Gully assembly no bucket 602F	440	440	1315	870	1	77.4	1	4 days
33607	Gully top assembly only 607F	440	440	650	-	1	73.1	1	4 days
33604	Grating and frame 604F	400*	660 ††	100	-	1	69.5	10	4 days



ACO Universal Gully top assembly 607 F



ACO Grating and frame 604 F

ACO Universal Gully components

Product code	Description	Length overall (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7060	Gully connector 615	500	Ø500	40	-	1	7.0	1	4 days
33603	Gully intermediate unit 603	440	440	515	-	1	5.1	1	4 days
33605	Gully base unit 605	-	Ø375	750	310	1	4.3	1	4 days
33606	Bucket polyethylene 606	-	Ø275	250	-	1	1.4	1	4 days



ACO Universal Gully connector 615

* Clear opening size

† † Over frame size

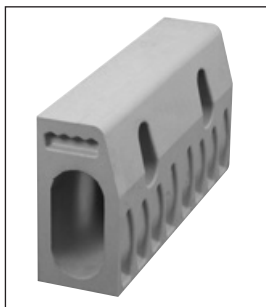


Image shown is ACO KDHB255 500mm

ACO KerbDrain® HB255

Suitable for Load Class applications C 250, D 400



Description

ACO KerbDrain® HB255 one-piece combined kerb and drainage unit.

The system carries the BSI Kitemark™ and is manufactured from Vientite®, a polymeric based recycled material.

The weight has been reduced to suit manual handling. The system is available in 1000mm and 500mm units. Internal width 80mm.

ACO KerbDrain® HB255 Half battered kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7950	KDHB255 1000mm	1000	125	255	235	1	37.2	18	4 days
7958	KDHB255 500mm	500	125	255	235	1	18.5	36	4 days



ACO KerbDrain® HB255 Half battered 500mm unit

ACO KerbDrain® HB255 Half battered access unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7949	KDHB255 access unit*	500	125/150	255	235	1	22.9	14	4 days



ACO KerbDrain® HB255 Half battered access unit

ACO KerbDrain® HB255 Half battered drop kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7956	KDHB255 LH drop kerb	1000	125/150	255/130	235/105	1	38.0	24	4 days
7957	KDHB255 RH drop kerb	1000	125/150	255/130	235/105	1	38.0	24	4 days



ACO KerbDrain® HB255 Half battered left hand drop kerb

ACO KerbDrain® HB255 Half battered centre stone

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7955	KDHB255 centre stone	1000	150	125	105	1	24.7	28	4 days



ACO KerbDrain® HB255 Half battered centre stone

ACO KerbDrain® HB255 Multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4941	KerbDrain® HB255, SP280 & HB305 multifunctional end cap	70	160	245	225	-	0.16	10	4 days



ACO KerbDrain® HB255 Multifunctional end cap

Note: For gully details please refer to page 78.

* Preformed Ø110mm round knockout for vertical outlet.



Image shown is ACO KDSP280 500mm

ACO KerbDrain® SP280

Suitable for Load Class applications C 250, D 400



Description

ACO KerbDrain® SP280 one-piece combined kerb and drainage unit.

The system carries the BSI Kitemark™ and is manufactured from Vienite®, a polymeric based recycled material.

The system is available in 500mm and 1000mm units. Internal width 100mm.

ACO KerbDrain® SP280 Splayed kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7930	KDSP280 1000mm	1000	150	280	255	1	44.9	14	4 days
7935	KDSP280 500mm	500	150	280	255	1	22.2	28	4 days



ACO KerbDrain® SP280 Splayed 500mm unit

ACO KerbDrain® SP280 Splayed access unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7937	KDSP280 access unit*	500	150/190	280	255	1	29.4	28	4 days



ACO KerbDrain® SP280 Splayed access unit

ACO KerbDrain® SP280 Splayed drop kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7938	KDSP280 LH drop kerb	1000	150	280	255	1	44.6	16	4 days
7939	KDSP280 RH drop kerb	1000	150	280	255	1	44.6	16	4 days



ACO KerbDrain® SP280 Splayed drop kerb unit

ACO KerbDrain® SP280 Splayed centre stone 25mm upstand

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7965	KerbDrain® SP280/ HB305 centre stone	915	150	205	180	1	45.0	21	4 days
4993	KerbDrain® HB305/ SP280 centre stone access unit	500	151	205	180	-	21.7	28	4 days
4982	KerbDrain® SP280/ HB305 perforated centre stone	915	150	205	180	1	42.9	21	4 days
4997	Heelguard™ insert (4 per unit required)	50	-	-	-	-	0.1	4	4 days



ACO KerbDrain® SP280 Splayed centre stone 25mm upstand

* Preformed Ø110mm round knockout for vertical outlet.

ACO KerbDrain® SP280

ACO KerbDrain® SP280 Splayed transition units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7941	KDSP280 LH transition unit	500	150	280/305	280/225	1	24.6	32	4 days
7940	KDSP280 RH transition unit	500	150	280/305	280/225	1	24.6	32	4 days



ACO KerbDrain® SP280 Splayed left hand transition unit

ACO KerbDrain® SP280 Multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4941	KerbDrain® HB255, SP280 & HB305 multifunctional end cap	70	160	245	225	-	0.16	10	4 days



ACO KerbDrain® SP280 Multifunctional end cap

ACO KerbDrain® SP280 Splayed gully unit assemblies

Product code	Description	Weight (kg)	Pack qty	Lead time
4380	KerbDrain® splayed gully access top assembly	76.7	1	4 days
4381	KerbDrain® splayed gully access and shallow base assembly*	110.47	1	4 days
4382	KerbDrain® splayed gully access top and deep base assembly*	119.14	1	4 days
4383	KerbDrain® splayed gully access top and foul air trap deep base*	119.44	1	4 days
4384	KerbDrain® splayed gully access top and road gully connector assembly*	88.41	1	4days

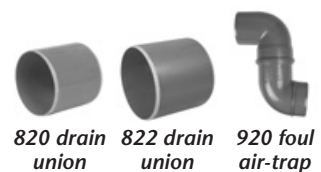


ACO KerbDrain Splayed Gully access top and deep base assembly

* Includes gully bucket

ACO KerbDrain® splayed gully unit components

Product code	Description	Weight (kg)	Pack qty	Lead time
4377	KerbDrain® splayed gully access frame and cover only	45.7	12	4 days
4930	KDSP Splayed gully top intermediate unit only	31.0	8	4 days
1614	Shallow gully base only	25.4	8	4 days
4520	Deep gully base only	37.2	6	4 days
7060	615 Gully pot connector only	7.0	28	4 days
1616	Gully bucket only	4.7	1	4 days



820 drain union 822 drain union 920 foul air-trap



922 foul air-trap 940 roddable foul air-trap 950 roddable foul air-trap

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2723	823 Drain union PVC-U Ø200mm	0.6	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7932	950 Roddable foul air-trap Ø160mm	0.8	5	4 days
1367	Lifting tool No 835 (for access unit)	0.2	1	4 days
32599	Polymer concrete repair kit	1+	1	10 days



Drainlock™ grating lifting tool 835

† Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets

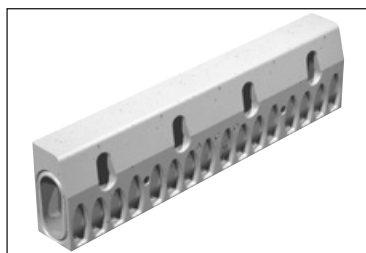


Image shown is ACO KDHB305 1000mm

ACO KerbDrain® HB305

Suitable for Load Class applications C 250, D 400



Description

ACO KerbDrain® HB305 one-piece combined kerb and drainage unit.

The system carries the BSI Kitemark™ and is manufactured from Vientite®, a polymeric based recycled material.

The system is available in 1000mm, 500mm and 250mm units. Internal width 100mm.

ACO KerbDrain® HB305 Half battered kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7959	KDHB305 1000mm	1000	150	305	280	1	53.1	14	4 days
7961	KDHB305 500mm	500	150	305	280	1	26.2	28	4 days
7972	KDHB305 500mm blind unit	500	150	305	280	1	28.5	28	4 days
7960	KDHB305 250mm	250	150	305	280	1	12.0	28	Call Sales



ACO KerbDrain® HB305 Half battered 500mm unit

ACO KerbDrain® HB305 Half battered access unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7962	KDHB305 access unit*	500	150	305	280	1	30.0	56	4 days



ACO KerbDrain® HB305 Half battered access unit

ACO KerbDrain® HB305 Half battered drop kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7966	KDHB305 LH drop kerb	915	150	305/205	280/180	1	49.5	20	4 days
7967	KDHB305 RH drop kerb	915	150	305/205	280/180	1	49.5	20	4 days



ACO KerbDrain® HB305 Half battered left hand drop kerb unit

ACO KerbDrain® SP280 Splayed centre stone 25mm upstand

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7965	KerbDrain® SP280/HB305 centre stone	915	150	205	180	1	45.0	21	4 days
4993	KerbDrain® HB305/SP280 centre stone access unit	500	151	205	180	-	21.7	28	4 days



ACO KerbDrain® HB305 Half battered centre stone

* Preformed Ø110mm round knockout for vertical outlet.

ACO KerbDrain® HB305

ACO KerbDrain® HB305 Half battered perforated centre stone 25mm upstand

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4982	KDHB305 perforated centre stone	915	150	205	180	1	42.9	21	4 days
4997	Heelguard™ insert (4 per unit required)	50	-	-	-	-	0.1	4	4 days



ACO KerbDrain® HB305 Half battered perforated centre stone

ACO KerbDrain® HB305 Bullnosed bus stop kerb units (180mm upstand)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4356	KDHB305 bus stop kerb	500	150	360	335	1	36.9	14	4 days



ACO KerbDrain® HB305 Bus Stop kerb unit

ACO KerbDrain® HB305 Bullnosed bus stop kerb transition units (180mm upstand)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4358	KDHB305 LH BS transition kerb	1000	150	360/305	280/335	1	68.2	12	4 days
4357	KDHB305 RH BS transition kerb	1000	150	360/305	280/335	1	68.2	12	4 days



ACO KerbDrain® HB305 Bus Stop LH transition kerb

ACO KerbDrain® HB305 Half battered left and right hand flush drainable drop kerb assembly straight

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7995	KDHB305 flush LH drop kerb	1500	150	305/180	280/155	1	75.5	1	4 days
7996	KDHB305 flush RH drop kerb	1500	150	305/180	280/155	1	75.5	1	4 days



ACO KerbDrain® HB305 Half battered flush drainable left hand drop kerb assembly

ACO KerbDrain® HB305 Half battered flush drainable centre stone straight 0-6mm upstand

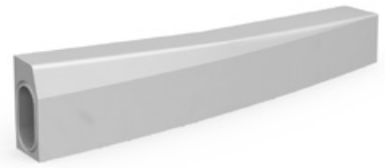
Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7992	KDHB305 drainable centre stone	1000	150	180	155	1	36.3	1	4 days



ACO KerbDrain® HB305 Half battered flush drainable centre stone straight 0-6mm upstand

ACO KerbDrain® HB305 Half battered left and right hand drop kerb assemblies 6m external radius

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4998	KDHB305 LH drop kerb	1500	150	305/180	280/155	1	77.5	1	4 days
4999	KDHB305 RH drop kerb	1500	150	305/180	280/155	1	77.5	1	4 days



ACO KerbDrain® HB305 Half battered left hand drop kerb assembly 6m external radius

ACO KerbDrain® HB305 Half battered flush drainable centre stone 6m external radius

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4985	KDHB305 flush drainable centre stone	496	150	180	155	1	18.3	21	4 days



ACO KerbDrain® HB305 Half battered flush drainable centre stone 6m external radius

ACO KerbDrain® HB305

ACO KerbDrain® HB305 Half battered mitre units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
7968	KDHB305 7-6m external mitre	500/487	150	305	280	1	26.9	28	4 days
7969	KDHB305 10-8m external mitre	500/490	150	305	280	1	26.7	28	4 days
7970	KDHB305 25-11m external mitre	500/493	150	305	280	1	26.5	28	4 days
7971	KDHB305 25-11m internal mitre	500/503	150	305	280	1	26.7	28	4 days



ACO KerbDrain® HB305 Half battered mitre units

ACO KerbDrain® HB305 Half battered 6m external radius kerb

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4984	KDHB305 6m external radius	496	150	305	280	1	27.8	28	4 days



ACO KerbDrain® HB305 Half battered 6m external radius kerb

ACO KerbDrain® HB305 Half battered 1.8m external radius kerb

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4990	KDHB305 1.8m radius	470	150	305	280	1	27.0	28	4 days



ACO KerbDrain® HB305 Half battered 1.8m external radius kerb

ACO KerbDrain® HB305 Half battered quadrant

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4992	KDHB305 quadrant	305	305	305	280	1	32.0	16	4 days



*ACO KerbDrain® HB305
Half battered quadrant*

ACO KerbDrain® HB305 Half battered 90° internal angle

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4991	KDHB305 internal angle	305	150	305	280	1	24.7	16	4 days



*ACO KerbDrain® HB305 Half battered
90° internal angle*

ACO KerbDrain® HB305 Multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4941	KerbDrain® HB255, SP280 & HB305 multifunctional end cap	70	160	245	225	-	0.16	10	4 days



*ACO KerbDrain® HB305
Multifunctional end cap*

ACO KerbDrain® Half battered gully unit assemblies

Product code	Description	Weight (kg)	Pack qty	Lead time
4928	KDHBG Half battered gully access top assembly	76.8	1	4 days
4182	KDHB610* Half battered gully access top and shallow base assembly	107.4	1	4 days
4183	KDHB611* Half battered gully access top and deep base assembly	124.2	1	4 days
4184	KDHB612RE* Half battered gully access top and deep base with roddable foul air trap assembly	124.5	1	4 days
4185	KDHB615* Half battered gully access top and Ø450mm road gully connector assembly	88.1	1	4 days



*ACO KerbDrain® HB305
Half battered gully unit 612RE*

ACO KerbDrain® Half battered gully unit components

Product code	Description	Weight (kg)	Pack qty	Lead time
4929	KDHB Half battered gully access frame and cover only	50.8	12	4 days
4930	KDHB Half battered gully top intermediate unit only	31.0	8	4 days
1614	Shallow gully base only	25.4	8	4 days
4520	Deep gully base only	37.2	6	4 days
7060	615 Gully pot conenctor only	7.0	28	4 days
1616	Gully bucket only	4.7	1	4 days

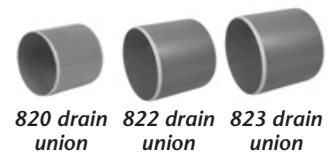


Gully bucket

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2723	823 Drain union PVC-U Ø200mm	0.6	5	4 days
2640	920 Foul air-trap PVC-U Ø110mm	0.5	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7932	950 Roddable foul air-trap MDPE Ø160mm	0.8	5	4 days
1367	Lifting tool No 835 (for access unit)	0.2	1	4 days
32599	Polymer concrete repair kit	1+	1	10 days

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets



820 drain union

822 drain union

823 drain union



920 foul air-trap

922 foul air-trap

950 roddable foul air-trap



Drainlock™ grating lifting tool 835

ACO KerbDrain® HB305

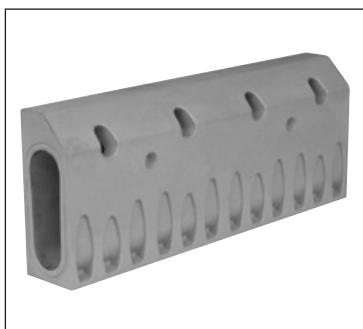


Image shown is ACO KDSP380 1000mm

ACO KerbDrain® SP380

Suitable for Load Class applications C 250, D 400



Description

ACO KerbDrain® SP380 one-piece combined kerb and drainage unit.

The system carries the BSI Kitemark and is manufactured from Vienite®, a polymeric based recycled material.

The system is available in 1000mm and 500mm units. Internal width 100mm.

ACO KerbDrain® SP380

ACO KerbDrain® SP380 Splayed kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4241	KDSP380 1000mm	1000	150	380	355	1	59.6	14	4 days
4240	KDSP380 500mm	500	150	380	355	1	29.0	28	4 days



ACO KerbDrain® SP380 Splayed kerb 500mm unit

ACO KerbDrain® SP380 Splayed access unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4242	KDSP380 access unit*	500	193	380	355	1	38.8	14	4 days



ACO KerbDrain® SP380 Splayed access unit

ACO KerbDrain® SP380 Splayed drop kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4243	KDSP380 LH drop kerb	1000	150	380/305	355/280	1	59.5	15	4 days
4244	KDSP380 RH drop kerb	1000	150	380/305	355/280	1	59.5	15	4 days



ACO KerbDrain® SP380 Splayed left hand drop kerb unit

ACO KerbDrain® SP380 Splayed centre stone

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4236	KDSP380 centre stone	1000	150	305	280	1	60.1	14	4 days
4350	KDSP380 perforated centre stone	1000	150	305	280	1	57.6	14	4 days
4997	Heelguard™ insert (4 per unit required)	50	-	-	-	-	0.1	4	4 days



ACO KerbDrain® SP380 Splayed centre stone

* Preformed Ø110mm round knockout for front, rear and vertical outlet

ACO KerbDrain® SP380 Splayed transition units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4245	KDSP380 LH transition unit**	500	150	405/380	380/355	14	31.0	24	4 days
4246	KDSP380 RH transition unit**	500	150	405/380	380/355	14	31.0	24	4 days



ACO KerbDrain® SP380 Splayed left hand transition unit

ACO KerbDrain® SP380 Multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4249	KerbDrain® SP380, HB405, SP455, HB480 & SP480 Multifunctional end cap	85	160	420	394	-	0.32	10	4 days



ACO KerbDrain® SP380 Multifunctional end cap

ACO KerbDrain® splayed gully unit assemblies

Product code	Description	Weight (kg)	Pack qty	Lead time
4380	KerbDrain® splayed gully access top assembly	76.7	1	4 days
4381	KerbDrain® splayed gully access and shallow base assembly*	110.47	1	4 days
4382	KerbDrain® splayed gully access top and deep base assembly*	119.14	1	4 days
4383	KerbDrain® splayed gully access top and foul air trap deep base*	119.44	1	4 days
4384	KerbDrain® splayed gully access top and road gully connector assembly*	88.41	1	4 days



ACO KerbDrain Splayed Gully access top and deep base assembly

ACO KerbDrain® Splayed gully unit components

Product code	Description	Weight (kg)	Pack qty	Lead time
4377	KerbDrain® splayed gully access frame and cover only	45.7	12	4 days
4930	KDSP Splayed gully top intermediate unit only	31.0	8	4 days
1614	Shallow gully base only	25.4	8	4 days
4520	Deep gully base only	37.2	6	4 days
7060	615 Gully pot connector only	7.0	28	4 days
1616	Gully bucket only	4.7	1	4 days

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2723	823 Drain union PVC-U Ø200mm	0.6	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7932	950 Roddable foul air-trap Ø160mm	0.8	5	4 days
1367	Lifting tool No 835 (for access unit)	0.2	1	4 days
32599	Polymer concrete repair kit	1 +	1	10 days

+ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets



820 drain union 822 drain union 823 drain union



920 foul air-trap 922 foul air-trap 950 roddable foul air-trap



Drainlock™ grating lifting tool

ACO KerbDrain® SP380

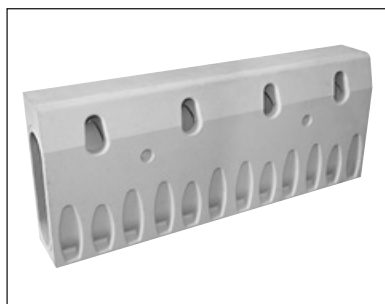


Image shown is ACO KDHB405 1000mm

ACO KerbDrain® HB405

Suitable for Load Class applications C 250, D 400



Description

ACO KerbDrain® HB405 one-piece combined kerb and drainage unit.

The system carries the BSI Kitemark™ and is manufactured from Vienite®, a polymeric based recycled material.

The system is available in 1000mm and 500mm units. Internal width 100mm.

ACO KerbDrain® HB405

ACO KerbDrain® HB405 Half battered kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4232	KDHB405 1000mm	1000	150	405	380	1	63.5	14	4 days
4231	KDHB405 500mm	500	150	405	380	1	30.9	28	4 days
4230	KDHB405 500mm blind unit	500	150	405	380	1	32.0	28	4 days



ACO KerbDrain® HB405 Half battered 1000mm and 500mm unit

ACO KerbDrain® HB405 Half battered access unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4233	KDHB405 access unit*	500	150	405	380	1	35.0	14	4 days



ACO KerbDrain® HB405 Half battered access unit

ACO KerbDrain® HB405 Half battered drop kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4234	KDHB405 LH drop kerb	1000	150	405/305	380/280	1	62.1	15	4 days
4235	KDHB405 RH drop kerb	1000	150	405/305	380/280	1	62.1	15	4 days



ACO KerbDrain® HB405 Half battered left hand drop unit

ACO KerbDrain® HB405 Half battered centre stone

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4236	KDHB405 centre stone	1000	150	305	280	1	60.1	14	4 days



ACO KerbDrain® HB405 Half battered centre stone

* Preformed Ø110mm round knockout for front, rear and vertical outlet and 160mm for front outlet

ACO KerbDrain® HB405 Half battered perforated centre stone 25mm upstand

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4350	KDHB405 perforated centre stone	1000	150	305	280	1	57.6	14	4 days
4997	Heelguard™ insert (4 per unit required)	50	-	-	-	-	0.1	4	4 days



ACO KerbDrain® HB405 Half battered perforated centre stone

ACO KerbDrain® HB405 Bullnosed bus stop kerb units (180mm upstand)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4359	KDHB405 bus stop kerb	500	150	460	435	1	41.7	14	4 days



ACO KerbDrain® HB405 Bus Stop kerb unit

ACO KerbDrain® HB405 Bullnosed bus stop kerb transition units (180mm upstand)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4361	KDHB405 LH BS transition kerb	1000	150	460/405	380/435	1	79.7	10	4 days
4360	KDHB405 RH BS transition kerb	1000	150	460/405	380/435	1	79.7	10	4 days



ACO KerbDrain® HB405 Bus Stop RH transition kerb

ACO KerbDrain® HB405 Half battered left and right hand flush drainable drop kerb assembly straight

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4367	KDHB405 flush LH drop kerb	1500	150	405/280	380/255	1	96.0	8	4 days
4368	KDHB405 flush RH drop kerb	1500	150	405/280	380/255	1	96.1	8	4 days



ACO KerbDrain® HB405 Half battered flush drainable left hand drop kerb assembly

ACO KerbDrain® HB405 Half battered flush drainable centre stone straight 0-6mm upstand

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4362	KDHB405 drainable centre stone	1000	150	280	255	1	46.4	14	4 days



ACO KerbDrain® HB405 Half battered flush drainable centre stone straight 0-6mm upstand

ACO KerbDrain® HB405

ACO KerbDrain® HB405 Half battered mitre units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4353	KDHB405 7-6m external mitre	500/487	150	405	380	1	31.5	28	4 days
4352	KDHB405 10-8m external mitre	500/490	150	405	380	1	31.6	28	4 days
4351	KDHB405 25-11m external mitre	500/493	150	405	380	1	31.7	28	4 days
4354	KDHB405 25-11m internal mitre	500/503	150	405	380	1	32.0	28	4 days



ACO KerbDrain® HB405
Half battered mitre units

ACO KerbDrain® HB405 Half battered 6m external radius kerb

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4355	KDHB405 6m external radius	496	150	405	380	1	32.7	28	4 days



ACO KerbDrain® HB405
Half battered 6m external radius kerb

ACO KerbDrain® HB405 Multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4249	SP380, HB405, SP455, HB480 & SP480 Multifunctional end cap	85	160	420	394	-	0.32	10	4 days



ACO KerbDrain® HB405
Multifunctional end cap

ACO KerbDrain® Half battered gully unit assemblies

Product code	Description	Weight (kg)	Pack qty	Lead time
4928	KDHBG Half battered gully access top assembly	76.8	1	4 days
4182	KDHB610* Half battered gully access top and shallow base assembly	107.4	1	4 days
4183	KDHB611* Half battered gully access top and deep base assembly	124.2	1	4 days
4184	KDHB612RE* Half battered gully access top and deep base with roddable foul air trap assembly	124.5	1	4 days
4185	KDHB615* Half battered gully access top and Ø450mm road gully connector assembly	88.1	1	4 days

* Includes gully bucket



ACO KerbDrain® HB405
Half battered gully unit 612RE

ACO KerbDrain® Half battered gully unit components

Product code	Description	Weight (kg)	Pack qty	Lead time
4929	KDHB Half battered gully access frame and cover only	50.8	12	4 days
4930	KDHB Half battered gully top intermediate unit only	31.0	8	4 days
1614	Shallow gully base only	25.4	8	4 days
4520	Deep gully base only	37.2	6	4 days
7060	615 Gully pot connector only	7.0	28	4 days
1616	Gully bucket only	4.7	1	4 days



Gully bucket

Accessories

Product code	Description	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø110mm	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	0.5	5	4 days
2723	823 Drain union PVC-U Ø200mm	0.6	5	4 days
2640	920 Foul air-trap PVC-U Ø110mm	0.5	5	4 days
2638	922 Foul air-trap PVC-U Ø160mm	1.9	5	4 days
7932	950 Roddable foul air-trap MDPE Ø160mm	0.8	5	4 days
1367	Lifting tool No 835 (for access unit)	0.2	1	4 days
32599	Polymer concrete repair kit	1+	1	10 days

✦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets



820 drain union

822 drain union

823 drain union



920 foul air-trap

922 foul air-trap

950 roddable foul air-trap



ACO KerbDrain® HB480

Suitable for Load Class applications C 250, D 400



Description

ACO KerbDrain® HB480 one-piece combined kerb and drainage unit.

The system carries the BSI Kitemark™ and is manufactured from Vienite®, a polymeric based recycled material.

Internal width 100mm.



ACO KerbDrain® HB480
Half battered unit



ACO KerbDrain® HB480
Half battered access unit



ACO KerbDrain® HB480 Half battered left
hand drop kerb unit



ACO KerbDrain® HB480 Half battered
centre stone



ACO KerbDrain® HB480 Half battered
perforated centre stone

ACO KerbDrain® HB480 Half battered kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4926	KDHB480 500mm	500	150	480	455	1	35.9	28	4 days
4923	KDHB480 500mm blind unit	500	150	480	455	1	36.4	28	4 days

ACO KerbDrain® HB480 Half battered access unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4927	KDHB480 access unit*	500	150	480	455	1	37.4	28	4 days

ACO KerbDrain® HB480 Half battered drop kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4931	KDHB480 LH drop kerb	915	150	480/375	455/350	1	66.7	10	4 days
4932	KDHB480 RH drop kerb	915	150	480/375	455/350	1	66.7	10	4 days

ACO KerbDrain® HB480 Half battered centre stone 25mm upstand

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4933	KDHB480 centre stone	915	150	375	350	1	59.8	14	4 days

* Preformed Ø110mm round knockout for vertical outlet.

ACO KerbDrain® HB480 Half battered perforated centre stone 25mm upstand

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4983	KDHB480 perforated centre stone	915	150	375	350	1	59.7	14	4 days
4997	Heelguard™ insert (4 per unit required)	50	-	-	-	-	0.1	4	4 days

ACO KerbDrain® HB480 Bullnosed bus stop kerb units (180mm upstand)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4964	KDHB480 bus stop kerb	500	150	535	510	1	44.9	28	4 days



ACO KerbDrain® HB480 Bus Stop kerb unit

ACO KerbDrain® HB480 Bullnosed bus stop kerb transition units (180mm upstand)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4965	KDHB480 LH BS transition kerb	1000	150	535/480	455/510	1	83.4	14	4 days
4966	KDHB480 RH BS transition kerb	1000	150	535/480	455/510	1	83.4	14	4 days



ACO KerbDrain® HB480 Bus Stop transition kerb

ACO KerbDrain® HB480 Half battered mitre units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4934	KDHB480 7-6m external mitre	500/487	150	480	455	1	36.2	28	4 days
4935	KDHB480 10-8m external mitre	500/490	150	480	455	1	35.7	28	4 days
4936	KDHB480 25-11m external mitre	500/493	150	480	455	1	35.2	28	4 days
4937	KDHB480 25-11m internal mitre	500/503	150	480	455	1	36.1	28	4 days



ACO KerbDrain® HB480 Half battered mitre units

ACO KerbDrain® HB480 Half battered cable loop unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4943	KDHB480 cable loop	150	150	480	455	1	12.2	16	4 days



ACO KerbDrain® HB480 Half battered cable loop unit

ACO KerbDrain® HB480 Multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4249	SP380, HB405, SP455, HB480 & SP480 Multifunctional end cap	85	160	420	394	-	0.32	10	4 days



ACO KerbDrain® HB480 Multifunctional end cap

ACO Junction channel black

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
32301	KDHB480 junction unit	500	160	350	325	1	26.0	28	4 days
32303	KDHB480 junction access unit	500	160	350	325	1	31.0	28	4 days



ACO RoadDrain® 100 channel



ACO RoadDrain® 100 access unit



ACO KerbDrain® HB480 Half battered junction channel inlet/outlet end cap

ACO KerbDrain® HB480 Half battered junction channel inlet/outlet end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
32308	KDHB480 junction end cap	25	160	350	325	1	2.1	10	4 days

* Preformed Ø110mm round knockout for vertical outlet.

ACO KerbDrain® Half battered gully unit assemblies

Product code	Description	Weight (kg)	Pack qty	Lead time
4928	KDHBG Half battered gully access top assembly	76.8	1	4 days
4182	KDHB610* Half battered gully access top and shallow base assembly	107.4	1	4 days
4183	KDHB611* Half battered gully access top and deep base assembly	124.2	1	4 days
4184	KDHB612RE* Half battered gully access top and deep base with roddable foul air trap assembly	124.5	1	4 days
4185	KDHB615* Half battered gully access top and Ø450mm road gully connector assembly	88.1	1	4 days

* Includes gully bucket



ACO KerbDrain® HB480 Half battered gully unit 612RE

ACO KerbDrain® Half battered gully unit components

Product code	Description	Weight (kg)	Pack qty	Lead time
4929	KDHB Half battered gully access frame and cover only	50.8	12	4 days
4930	KDHB Half battered gully top intermediate unit only	31.0	8	4 days
1614	Shallow gully base only	25.4	8	4 days
4520	Deep gully base only	37.2	6	4 days
7060	615 Gully pot connector only	7.0	28	4 days
1616	Gully bucket only	4.7	1	4 days



Gully bucket

Note: For Accessories details please refer to page 79.



ACO KerbDrain® SP455

Suitable for Load Class applications C 250, D 400

Description

ACO KerbDrain® SP455 Splayed one-piece combined kerb and drainage unit.

The system carries the BSI Kitemark™ and is manufactured from Vienite®, a polymeric based recycled material.



BS EN 1433
KM 538858

ACO KerbDrain® SP455 Splayed kerb unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4370	KerbDrain® SP455 channel unit	500	150	455	430	1	34.7	28	4 days



ACO KerbDrain® SP455 Splayed unit

ACO KerbDrain® SP455 Splayed access unit

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4371	KerbDrain® SP455 access unit	500	194	455	430	1	46.2	12	4 days



ACO KerbDrain® SP455 Splayed access unit

ACO KerbDrain® SP455 Splayed drop kerb units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4379	KerbDrain® SP455 LH drop kerb	915	150	455/375	429/348	1	58.3	10	4 days
4378	KerbDrain® SP455 RH drop kerb	915	150	455/375	429/348	1	59.1	10	4 days



ACO KerbDrain® SP455 Splayed drop kerb unit

ACO KerbDrain® SP455 Splayed centre stone 25mm upstand

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4933	KerbDrain® SP455/ HB480 centre stone	915	150	375	350	1	59.7	14	4 days
4983	KerbDrain® SP455/ HB480 perforated centre stone	915	150	375	350	1	59.7	14	4 days
4997	Heelguard™ insert (4 per unit required)	50	-	-	-	-	0.1	4	4 days

ACO KerbDrain® SP455

ACO KerbDrain® SP455 Splayed transition units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4372	KerbDrain® SP455 LH transition unit	500	150	480/430	455/430	1	36.1	24	4 days
4373	KerbDrain® SP455 RH transition unit	500	150	480/430	455/430	1	36.2	24	4 days

ACO KerbDrain® SP455 Multifunctional end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Invert (mm)	Invert type	Weight (kg)	Pack qty	Lead time
4249	SP380, HB405, SP455, HB480 & SP480 Multifunctional end cap	85	160	420	394	-	0.32	10	4 days



ACO KerbDrain® SP455 Multifunctional end cap

ACO KerbDrain® splayed gully unit assemblies

Product code	Description	Weight (kg)	Pack qty	Lead time
4380	KerbDrain® splayed gully access top assembly	76.7	1	4 days
4381	KerbDrain® splayed gully access and shallow base assembly*	110.4	1	4 days
4382	KerbDrain® splayed gully access top and deep base assembly*	119.1	1	4 days
4383	KerbDrain® splayed gully access top and foul air trap deep base*	119.4	1	4 days
4384	KerbDrain® splayed gully access top and road gully connector assembly*	88.4	1	4days



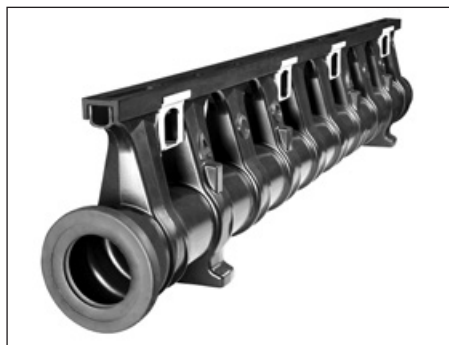
ACO KerbDrain Splayed Gully access top and deep base assembly

ACO KerbDrain® splayed gully unit components

Product code	Description	Weight (kg)	Pack qty	Lead time
4377	KerbDrain® splayed gully access frame and cover only	45.7	12	4 days
4930	KerbDrain® splayed gully top intermediate unit only	31.0	8	4 days
1614	Shallow gully base only	25.4	8	4 days
4520	Deep gully base only	37.2	6	4 days
7060	615 Gully pot connector only	7.0	28	4 days
1616	Gully bucket only	4.7	1	4 days



Gully bucket



ACO Qmax® 150 System

Suitable for Load Class applications A 15, B 125, C 250, D 400, E 600, F 900

Description

ACO Qmax® slot drainage system.

Recycled Polyethylene (PE) channels fitted with integral water seals are available with a choice of three edge rail details. Channels are fitted with integral water seals and are CE marked and fully certified to BS EN 1433:2002

Ductile iron ATec edge rails		Composite edge rails				Galvanised steel edge rails		
ACO Q-Flow ductile iron edge rail	ACO Q-Guard ductile iron edge rail	ACO Q-Flow composite edge rail – black	ACO Q-Flow composite edge rail – grey	ACO Q-Quard composite edge rail – black	ACO Q-Quard composite edge rail – grey	ACO Q-Flow steel edge rail	ACO Q-Guard steel edge rail	ACO Q-Slot steel edge rail

ACO Qmax® 150 with ACO Q-Flow ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
32990	ACO Qmax® 150 channel assembly complete with ACO Q-Flow ductile iron edge rail	2000	Ø210	405	22	1	Call sales

ACO Qmax® 150 with ACO Q-Guard ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Width overall (mm)	Weight (kg)	Pack qty	Lead time
32991	ACO Qmax® 150 channel assembly complete with ACO Q-Guard ductile iron edge rail	2000	Ø210	405	23	1	Call sales

ACO Qmax® 150 with ACO Q-Flow composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32893	ACO Qmax® 150 channel assembly complete with ACO Q-Flow composite edge rail -black	2000	Ø210	405	13.3	1	Call sales
32895	ACO Qmax® 150 channel assembly complete with ACO Q-Flow composite edge rail -grey	2000	Ø210	405	13.3	1	Call sales

NEW! ACO Qmax® 150 with ACO Q-Guard composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32894*	ACO Qmax® 150 channel assembly complete with ACO Q-Quard composite edge rail -black	2000	Ø210	405	13.6	1	Call sales
32896*	ACO Qmax® 150 channel assembly complete with ACO Q-Quard composite edge rail -grey	2000	Ø210	405	13.6	1	Call sales

ACO Qmax® 150 with ACO Q-Flow galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32992	ACO Qmax® 150 channel assembly complete with Q-Flow galvanised steel edge rail	2000	Ø210	405	12	1	Call sales

ACO Qmax® 150 with ACO Q-Guard galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32993	ACO Qmax® 150 channel assembly complete with ACO Q-Guard galvanised steel edge rail	2000	Ø210	405	12	1	Call sales

* Product available in the first quarter of 2019.

ACO Qmax® 150 with ACO Q-Slot galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32994	ACO Qmax® 150 channel assembly complete with ACO Q-Slot galvanised steel edge rail	2000	Ø210	500	20.5	1	Call sales

ACO Qmax® 150 multifunctional end cap (closing/outlet/inlet)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32997	ACO Qmax® 150 multifunctional end cap	240	Ø210	-	1	1	Call sales



ACO Qmax® 150 multifunctional end cap (closing/outlet/inlet)

ACO Qmax® 150 to 225 step connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32995	ACO Qmax® 150 to 225 step connector (M to F)	-	Ø310	25	0.4	1	Call sales



ACO Qmax® 150 to 225 step connector

ACO Qmax® ductile iron edge rail protector

Product code	Description	Length (m)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32854	ACO Qmax® ductile iron edge rail protector 15.25m roll	15.25	65	1.5	5	1	Call sales



ACO Qmax® 225 System

Suitable for Load Class applications A 15, B 125, C 250, D 400, E 600, F 900

Description

ACO Qmax® slot drainage system.

Recycled Polyethylene (PE) channels fitted with integral water seals are available with a choice of three edge rail details. Manufactured using recycled materials the system is CE marked and fully certificated to EN 1433:2002.

Ductile iron ATec edge rails		Composite edge rails				Galvanised steel edge rails		
ACO Q-Flow ductile iron edge rail	ACO Q-Guard ductile iron edge rail	ACO Q-Flow composite edge rail – black	ACO Q-Flow composite edge rail – grey	ACO Q-Quard composite edge rail – black	ACO Q-Quard composite edge rail – grey	ACO Q-Flow steel edge rail	ACO Q-Guard steel edge rail	ACO Q-Slot steel edge rail

ACO Qmax® 225 channels with ACO Q-Flow ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32800	ACO Qmax® 225 channel assembly complete with ACO Q-Flow ductile iron edge rail	2000	Ø290	480	24	1	Call sales

ACO Qmax® 225 with ACO Q-Guard ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32801	ACO Qmax® 225 channel assembly complete with ACO Q-Guard ductile iron edge rail	2000	Ø290	480	25	1	Call sales

ACO Qmax® 225 with ACO Q-Flow composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32905	ACO Qmax® 225 channel assembly complete with ACO Q-Flow composite edge rail - black	2000	Ø290	480	15.8	1	Call sales
32907	ACO Qmax® 225 channel assembly complete with ACO Q-Flow composite edge rail - grey	2000	Ø290	480	15.8	1	Call sales

NEW! ACO Qmax® 225 with ACO Q-Guard composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32906*	ACO Qmax® 225 channel assembly complete with ACO Q-Quard composite edge rail - black	2000	Ø290	480	16.1	1	Call sales
32908*	ACO Qmax® 225 channel assembly complete with ACO Q-Quard composite edge rail - grey	2000	Ø290	480	16.1	1	Call sales

ACO Qmax® 225 with ACO Q-Flow galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32802	ACO Qmax® 225 channel assembly complete with ACO Q-Flow galvanised steel edge rail	2000	Ø290	480	17.8	1	Call sales

ACO Qmax® 225 with ACO Q-Guard galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32803	ACO Qmax® 225 channel assembly complete with ACO Q-Guard galvanised steel edge rail	2000	Ø290	480	15.3	1	Call sales

* Product available in the first quarter of 2019.

ACO Qmax® 225 channels with ACO Q-Slot galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32804	ACO Qmax® 225 channel assembly complete with ACO Q-Slot galvanised steel edge rail	2000	Ø290	480	22.9	1	Call sales

ACO Qmax® 225 multifunctional end cap (closing/outlet/inlet)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
42221	ACO Qmax® 225 multifunctional end cap	240	Ø290	Ø290	1.4	1	Call sales



ACO Qmax® 225 multifunctional end cap (closing/outlet/inlet)

ACO Qmax® 225 to 350 step connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32880	ACO Qmax® 225 to 350 step connector (M to F)	25	Ø435	-	0.8	1	Call sales



ACO Qmax® 225 to 350 step connector

ACO Qmax® 225 downpipe connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
44344	ACO Qmax® 225 downpipe connector Ø110mm outlet	100	120	146	0.16	1	Call sales



ACO Qmax® downpipe connector Ø110mm outlet

ACO Qmax® ductile iron edge rail protector

Product code	Description	Length (m)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32854	ACO Qmax® ductile iron edge rail protector 15.25m roll	15.25	65	1.5	5	1	Call sales



ACO Qmax® 350 System

Suitable for Load Class applications A 15, B 125, C 250, D 400, E 600, F 900

Description

ACO Qmax® slot drainage system.

Recycled Polyethylene (PE) channels fitted with integral water seals are available with a choice of three edge rail details. Manufactured using recycled materials the system is CE marked and fully certificated to EN 1433:2002.

Ductile iron ATec edge rails		Composite edge rails				Galvanised steel edge rails		
ACO Q-Flow ductile iron edge rail	ACO Q-Guard ductile iron edge rail	ACO Q-Flow composite edge rail – black	ACO Q-Flow composite edge rail – grey	ACO Q-Quard composite edge rail – black	ACO Q-Quard composite edge rail – grey	ACO Q-Flow steel edge rail	ACO Q-Guard steel edge rail	ACO Q-Slot steel edge rail

ACO Qmax® 350 with ACO Q-Flow ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32810	ACO Qmax® 350 channel assembly complete with ACO Q-Flow ductile iron edge rail	2000	Ø415	600	28.3	1	Call sales

ACO Qmax® 350 with ACO Q-Guard ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32811	ACO Qmax® 350 channel assembly complete with ACO Q-Guard ductile iron edge rail	2000	Ø415	600	29.3	1	Call sales

ACO Qmax® 350 with ACO Q-Flow composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32915	ACO Qmax® 350 channel assembly complete with ACO Q-Flow composite edge rail - black	2000	Ø415	600	21.5	1	Call sales
32917	ACO Qmax® 350 channel assembly complete with ACO Q-Flow composite edge rail - grey	2000	Ø415	600	21.5	1	Call sales

NEW! ACO Qmax® 350 with ACO Q-Guard composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32916*	ACO Qmax® 350 channel assembly complete with ACO Q-Quard composite edge rail - black	2000	Ø415	600	21.8	1	Call sales
32918*	ACO Qmax® 350 channel assembly complete with ACO Q-Quard composite edge rail - grey	2000	Ø415	600	21.8	1	Call sales

ACO Qmax® 350 with ACO Q-Flow galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32812	ACO Qmax® 350 channel assembly complete with ACO Q-Flow galvanised steel edge rail	2000	Ø415	600	24.0	1	Call sales

ACO Qmax® 350 with ACO Q-Guard galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32813	ACO Qmax® 350 channel assembly complete with ACO Q-Guard galvanised steel edge rail	2000	Ø415	600	21.5	1	Call sales

* Product available in the first quarter of 2019.

ACO Qmax® 350 with ACO Q-Slot galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32814	ACO Qmax® 350 channel assembly complete with ACO Q-Slot galvanised steel edge rail	2000	Ø415	700	29.1	1	Call sales

ACO Qmax® 350 multifunctional end cap (closing/outlet/inlet)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
42351	ACO Qmax® 350 multifunctional end cap	260	Ø415	Ø415	2.6	1	Call sales



ACO Qmax® 350
multifunctional end cap

ACO Qmax® 350 downpipe connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
44344	ACO Qmax® 350 downpipe connector Ø110mm outlet	100	120	146	0.16	1	Call sales



ACO Qmax®
downpipe connector
Ø110mm outlet

ACO Qmax® ductile iron edge rail protector

Product code	Description	Length (m)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32854	ACO Qmax® ductile iron edge rail protector 15.25m roll	15.25	65	1.5	5	1	Call sales



ACO Qmax® 150, 225 and 350 access, outlet/inlet and silt chambers

Suitable for Load Class applications A 15, B 125, C 250, D 400, E 600, F 900

Description

Access chambers for ACO Qmax® channels 150, 225 and 350 channels provide 4-way channel connection, outlet/inlet pipework connections and local silt management. Available with D 400 lockable or F 900 hinged ductile iron slotted cover and frame or D 400 ACO Q-Slot galvanised steel recessed cover and frame.

ACO Qmax® 150, 225 and 350 channel access, outlet and silt chambers with slotted cover and frame (assemblies)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32970	Access chamber with D 400 slotted cover and frame	565	565	640	48	1	Call sales
32971	Access chamber with F 900 slotted cover and frame	660	660	640	77.5	1	Call sales
32972	Outlet/Inlet chamber with D 400 slotted cover and frame	565	565	1095	52	1	Call sales
32973	Outlet/Inlet chamber with F 900 slotted cover and frame	660	660	1095	81.5	1	Call sales
32974	Outlet/Inlet/Silt chamber with D 400 slotted cover and frame	565	565	1600	60	1	Call sales
32975	Outlet/Inlet/Silt chamber with F 900 slotted cover and frame	660	660	1600	89.5	1	Call sales



ACO Qmax® 150, 225 and 350 access chamber with slotted cover and frame.



ACO Qmax® 150, 225 and 350 access/outlet/inlet chamber with slotted cover and frame.

ACO Qmax® 150, 225 and 350 channel access, outlet and silt chambers with slotted cover and frame (components)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
44355	Grating and frame D 400	400*	565†	100	40	1	Call sales
33604	Grating and frame F 900	400*	565†	100	69.5	1	Call sales
32966	Qmax® 150/225/350 Access chamber body only (shallow)	480	480	540	5.5	1	Call sales
32965	Qmax® 150/225/350 Access outlet inlet chamber body only (deep)	480	480	995	12	1	Call sales

* Clear opening size

† † Over frame size



ACO Qmax® 150, 225 and 350 access/outlet/inlet/silt chamber with slotted cover and frame.

ACO Qmax® 150, 225 and 350 access, outlet/inlet and silt chambers

ACO Qmax® 150, 225 and 350 channel access, outlet and silt chambers with ACO Q-Slot cover and frame

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32976	Access chamber with D 400 ACO Q-Slot recessed cover and frame	520	520	740	55.5	1	Call sales
32977	Outlet/Inlet chamber with D 400 ACO Q-Slot recessed cover and frame	520	520	1195	59.5	1	Call sales
32978	Outlet/Inlet/Silt chamber with D 400 ACO Q-Slot recessed cover and frame	520	520	1700	67.5	1	Call sales



ACO Qmax®
outlet/Inlet
chamber with
D 400 ACO
Q-Slot recessed
cover and frame

ACO Qmax® 150, 225 and 350 channel access, outlet and silt chambers with ACO Q-Slot cover and frame (components)

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32851	Q-Slot galvanised steel recessed cover and frame class D 400	360*	520 ††	200	50	1	Call sales
32966	Qmax® 150/225/350 Access chamber body only (shallow)	480	480	540	5.5	1	Call sales
32965	Qmax® 150/225/350 Access outlet inlet chamber body only (deep)	480	480	995	12	1	Call sales

* Clear opening size

† † Over frame size



ACO Qmax®
Q-slot
galvanised
steel recessed
cover and
frame class D
400



ACO Qmax® 550 System

Suitable for Load Class applications A 15, B 125, C 250, D 400, E 600, F 900

Description

ACO Qmax® slot drainage system.

Recycled Polyethylene (PE) channels fitted with integral water seals are available with a choice of three edge rail details. Manufactured using recycled materials the system is CE marked and fully certificated to EN 1433:2002.

Ductile iron ATec edge rails		Composite edge rails				Galvanised steel edge rails		
ACO Q-Flow ductile iron edge rail	ACO Q-Guard ductile iron edge rail	ACO Q-Flow composite edge rail – black	ACO Q-Flow composite edge rail – grey	ACO Q-Quard composite edge rail – black	ACO Q-Quard composite edge rail – grey	ACO Q-Flow steel edge rail	ACO Q-Guard steel edge rail	ACO Q-Slot steel edge rail

ACO Qmax® 550 with ACO Q-Flow ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32820	ACO Qmax® 550 channel assembly complete with ACO Q-Flow ductile iron edge rail	2000	635	920	44	1	Call sales

ACO Qmax® 550 with ACO Q-Guard ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32821	ACO Qmax® 550 channel assembly complete with ACO Q-Guard ductile iron edge rail	2000	635	920	45	1	Call sales

ACO Qmax® 550 with ACO Q-Flow composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32926	ACO Qmax® 550 channel assembly complete with ACO Q-Flow composite edge rail - black	2000	Ø635	920	35.0	1	Call sales
32928	ACO Qmax® 550 channel assembly complete with ACO Q-Flow composite edge rail - grey	2000	Ø635	920	35.0	1	Call sales

NEW! ACO Qmax® 550 with ACO Q-Guard composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32927*	ACO Qmax® 550 channel assembly complete with ACO Q-Quard composite edge rail - black	2000	Ø635	920	35.3	1	Call sales
32929*	ACO Qmax® 550 channel assembly complete with ACO Q-Quard composite edge rail - grey	2000	Ø635	920	35.3	1	Call sales

ACO Qmax® 550 with ACO Q-Flow galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32822	ACO Qmax® 550 channel assembly complete with ACO Q-Flow galvanised steel edge rail	2000	635	920	35.6	1	Call sales

ACO Qmax® 550 with ACO Q-Guard galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32823	ACO Qmax® 550 channel assembly complete with ACO Q-Guard galvanised steel edge rail	2000	635	920	33.1	1	Call sales

* Product available in the first quarter of 2019.

ACO Qmax® 550 with ACO Q-Slot galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32824	ACO Qmax® 550 channel assembly complete with ACO Q-Slot galvanised steel edge rail	2000	635	1020	40.7	1	Call sales

ACO Qmax® 550 closing end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32825	ACO Qmax® 550 closing end cap	635	12	715	3.5	1	Call sales



ACO Qmax® 550 closing end cap

ACO Qmax® 550 blanking end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32886	ACO Qmax® 550 blanking end cap	440	60	625	2.4	1	Call sales



ACO Qmax® 550 blanking end cap

ACO Qmax® 550 to 700 step connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32882	ACO Qmax® 550 to 700 step connector (M to F)	725	75	870	2.5	1	Call sales



ACO Qmax® 550 to 700 step connector

ACO Qmax® 550 chamber connectors

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32826	ACO Qmax® 550 chamber connector assembly (pair)	-	-	-	11.8	1	Call sales



ACO Qmax® 550 female end chamber connector



ACO Qmax® 550 male end chamber connector

ACO Qmax® 550 downpipe connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
44345	ACO Qmax® 550 downpipe connector Ø160mm outlet	120	178	197	0.16	1	Call sales



ACO Qmax® 550 downpipe connector Ø160mm outlet

ACO Qmax® ductile iron edge rail protector

Product code	Description	Length (m)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32854	ACO Qmax® ductile iron edge rail protector 15.25m roll	15.25	65	1.5	5	1	Call sales



ACO Qmax® 700 System

Suitable for Load Class applications A 15, B 125, C 250, D 400, E 600, F 900

Description

ACO Qmax® slot drainage system.

Recycled Polyethylene (PE) channels fitted with integral water seals are available with a choice of three edge rail details. Manufactured using recycled materials the system is CE marked and fully certificated to EN 1433:2002.

Ductile iron ATec edge rails		Composite edge rails				Galvanised steel edge rails		
ACO Q-Flow ductile iron edge rail	ACO Q-Guard ductile iron edge rail	ACO Q-Flow composite edge rail – black	ACO Q-Flow composite edge rail – grey	ACO Q-Quard composite edge rail – black	ACO Q-Quard composite edge rail – grey	ACO Q-Flow steel edge rail	ACO Q-Guard steel edge rail	ACO Q-Slot steel edge rail

ACO Qmax® 700

ACO Qmax® 700 with ACO Q-Flow ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32830	ACO Qmax® 700 channel assembly complete with ACO Q-Flow ductile iron edge rail	2000	730	1070	49.7	1	Call sales

ACO Qmax® 700 with ACO Q-Guard ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32831	ACO Qmax® 700 channel assembly complete with ACO Q-Guard ductile iron edge rail	2000	730	1070	50.7	1	Call sales

ACO Qmax® 700 with ACO Q-Flow composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32935	ACO Qmax® 700 channel assembly complete with ACO Q-Flow composite edge rail - black	2000	Ø730	1070	41.5	1	Call sales
32937	ACO Qmax® 700 channel assembly complete with ACO Q-Flow composite edge rail - grey	2000	Ø730	1070	41.5	1	Call sales

NEW! ACO Qmax® 700 with ACO Q-Guard composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32936*	ACO Qmax® 700 channel assembly complete with ACO Q-Quard composite edge rail - black	2000	Ø730	1070	41.8	1	Call sales
32938*	ACO Qmax® 700 channel assembly complete with ACO Q-Quard composite edge rail - grey	2000	Ø730	1070	41.8	1	Call sales

ACO Qmax® 700 with ACO Q-Flow galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32832	ACO Qmax® 700 channel assembly complete with ACO Q-Flow galvanised steel edge rail	2000	730	1070	41.9	1	Call sales

ACO Qmax® 700 with ACO Q-Guard galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32833	ACO Qmax® 700 channel assembly complete with ACO Q-Guard galvanised steel edge rail	2000	730	1070	39.4	1	Call sales

* Product available in the first quarter of 2019.

ACO Qmax® 700 with ACO Q-Slot galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32834	ACO Qmax® 700 channel assembly complete with ACO Q-Slot galvanised steel edge rail	2000	730	1170	47.0	1	Call sales

ACO Qmax® 700 closing end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32835	ACO Qmax® 700 closing end cap	730	12	865	4.9	1	Call sales



ACO Qmax® 700 closing end cap

ACO Qmax® 700 blanking end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32887	ACO Qmax® 700 blanking end cap	540	60	770	3.1	1	Call sales



ACO Qmax® 700 blanking end cap

ACO Qmax® 700 to 900 step connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32883	ACO Qmax® 700 to 900 step connector (M to F)	835	95	1078	3.7	1	Call sales



ACO Qmax® 700 to 900 step connector

ACO Qmax® 700 chamber connectors

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32836	ACO Qmax® 700 chamber connector assembly (pair)	-	-	-	15.8	1	Call sales



ACO Qmax® 700 female end chamber connector



ACO Qmax® 700 male end chamber connector

ACO Qmax® 700 downpipe connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
44345	ACO Qmax® 700 downpipe connector Ø160mm outlet	120	178	197	0.16	1	Call sales



ACO Qmax® downpipe connector Ø160mm outlet

ACO Qmax® ductile iron edge rail protector

Product code	Description	Length (m)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32854	ACO Qmax® ductile iron edge rail protector 15.25m roll	15.25	65	1.5	5	1	Call sales



ACO Qmax® 900 System

Suitable for Load Class applications A 15, B 125, C 250, D 400, E 600, F 900

Description

ACO Qmax® slot drainage system.

Recycled Polyethylene (PE) channels fitted with integral water seals are available with a choice of three edge rail details. Manufactured using recycled materials the system is CE marked and fully certificated to EN 1433:2002.

Ductile iron ATec edge rails		Composite edge rails				Galvanised steel edge rails		
ACO Q-Flow ductile iron edge rail	ACO Q-Guard ductile iron edge rail	ACO Q-Flow composite edge rail – black	ACO Q-Flow composite edge rail – grey	ACO Q-Guard composite edge rail – black	ACO Q-Guard composite edge rail – grey	ACO Q-Flow steel edge rail	ACO Q-Guard steel edge rail	ACO Q-Slot steel edge rail

ACO Qmax® 900 with ACO Q-Flow ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32840	ACO Qmax® 900 channel assembly complete with ACO Q-Flow ductile iron edge	2000	860	1270	65.3	1	Call sales

ACO Qmax® 900 with ACO Q-Guard ductile iron edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32841	ACO Qmax® 900 channel assembly complete with ACO Q-Guard ductile iron edge rail	2000	860	1270	66.3	1	Call sales

ACO Qmax® 900 with ACO Q-Flow composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32945	ACO Qmax® 900 channel assembly complete with ACO Q-Flow composite edge rail - black	2000	Ø860	1270	57.8	1	Call sales
32947	ACO Qmax® 900 channel assembly complete with ACO Q-Flow composite edge rail - grey	2000	Ø860	1270	57.8	1	Call sales

NEW! ACO Qmax® 900 with ACO Q-Guard composite edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32946*	ACO Qmax® 900 channel assembly complete with ACO Q-Guard composite edge rail - black	2000	Ø860	1270	58.1	1	Call sales
32948*	ACO Qmax® 900 channel assembly complete with ACO Q-Guard composite edge rail - grey	2000	Ø860	1270	58.1	1	Call sales

ACO Qmax® 900 with ACO Q-Flow galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32842	ACO Qmax® 900 channel assembly complete with ACO Q-Flow galvanised steel edge rail	2000	860	1270	57.2	1	Call sales

ACO Qmax® 900 with ACO Q-Guard galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32843	ACO Qmax® 900 channel assembly complete with ACO Q-Guard galvanised steel edge rail	2000	860	1270	54.7	1	Call sales

* Product available in the first quarter of 2019.

ACO Qmax® 900 with ACO Q-Slot galvanised steel edge rail

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32844	ACO Qmax® 900 channel assembly complete with ACO Q-Slot galvanised steel edge rail	2000	860	1370	62.3	1	Call sales

ACO Qmax® 900 closing end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32845	ACO Qmax® 900 closing end cap	860	16	1065	9.8	1	Call sales



ACO Qmax® 900 closing end cap

ACO Qmax® 900 blanking end cap

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32888	ACO Qmax® 900 blanking end cap	670	60	970	4.9	1	Call sales



ACO Qmax® 900 blanking end cap

ACO Qmax® 900 chamber connectors

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32846	ACO Qmax® 900 chamber connector assembly (pair)	-	-	-	25.1	1	Call sales



ACO Qmax® 900 female end chamber connector



ACO Qmax® 900 male end chamber connector

ACO Qmax® 900 downpipe connector

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
44345	ACO Qmax® 900 downpipe connector Ø160mm outlet	120	178	197	0.16	1	Call sales



ACO Qmax® downpipe connector Ø160mm outlet

ACO Qmax® 900 channels with ACO Q-Flow ductile iron edge rail

Product code	Description	Length (m)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32854	ACO Qmax® ductile iron edge rail protector 15.25m roll	15.25	65	1.5	5	1	Call sales



ACO Qmax® 150, 225, 350, 550, 700 and 900 access and silt chambers

Suitable for Load Class applications A 15, B 125, C 250, D 400, E 600, F 900

Description

Access chamber for all ACO Qmax® channels provides 4-way channel connection and local silt management. Available with D 400 or F 900 slotted or solid ductile iron cover and frame.

ACO Qmax® 150, 225 and 350 only shallow access chamber assemblies

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
46110	Shallow access chamber with D 400 slotted cover and frame	760	760	885	97.5	1	Call sales
46111	Shallow access chamber with D 400 solid cover and frame	760	760	885	92	1	Call sales
46112	Shallow access chamber with F 900 slotted cover and frame	760	760	885	122	1	Call sales
46113	Shallow access chamber with F 900 solid cover and frame	760	760	885	110	1	Call sales



ACO Qmax® 150, 225 and 350 only shallow access chamber assembly

ACO Qmax® 150, 225, 350, 550, 700 and 900 deep access chamber assemblies

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
46114	Deep access chamber with D 400 slotted cover and frame	760	760	1500	105	1	Call sales
46115	Deep access chamber with D 400 solid cover and frame	760	760	1500	99	1	Call sales
46116	Deep access chamber with F 900 slotted cover and frame	760	760	1500	130	1	Call sales
46117	Deep access chamber with F 900 solid cover and frame	760	760	1500	117	1	Call sales



ACO Qmax® 150, 225, 350, 550, 700 and 900 deep access assembly chamber

ACO Qmax® access chamber bodies only

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
32871	Access chamber shallow body only	700	700	735	19.5	1	Call sales
32870	Access chamber deep body only	700	700	1350	27	1	Call sales



ACO Qmax® access chamber shallow body only



ACO Qmax® access chamber deep body only

ACO Qmax® access chamber covers and frames

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
46100	D 400 slotted cover and frame	600*	760††	150	78	1	Call sales
46101	D 400 solid cover and frame	600*	760††	150	72	1	Call sales
46102	F 900 slotted cover and frame	600*	760††	150	103	1	Call sales
46103	F 900 solid cover and frame	600*	760††	150	90.5	1	Call sales

* Clear opening size

† † Over frame size



ACO Qmax® D 400 access chamber slotted



ACO Qmax® D 400 access chamber solid cover

ACO Qmax® 150, 225, 350, 700 and 900 access and silt chambers



ACO Q-Ceptor

Description

Bypass and full retention oil separators

ACO Q-Ceptor oil separators are an innovative range of bypass and full retention separators. These high performance systems are fully compliant with BS EN 858:2002 parts 1 & 2 and exceed the requirements of the Environment Agency's PPG 3 guidelines.

ACO Q-Ceptors are available in a range of chamber sizes and flow rates and are ideal for treatment of surface water in car parks, maintenance areas, and industrial and residential applications.

Bypass separator chamber without sampling pump

Product Code	Nominal Size	Treated Flow (l/s)	Peak Flow (l/s)	Class	Area Drained (m ²)	Oil storage capacity (litres)	Silt storage capacity (litres)	Length (mm)	Width Overall (mm)	Depth Overall (mm)	Inlet Height (mm)	Outlet Height (mm)	Pipe Diameter (mm)	Weight (kg)	Pack qty	Lead time
34500	NSB3	3	30	1	1670	45	300	1940	1200	1580	1067	917	300	99	1	Call Sales
34501	NSB6	6	60	1	3335	90	600	1940	1200	1800	1287	1137	300	113	1	Call Sales
34502	NSB8	8	80	1	4445	120	1000	1940	1200	2100	1587	1437	375	127	1	Call Sales
34503	NSB10	10	100	1	5560	150	1000	1940	1200	2100	1587	1437	375	127	1	Call Sales
34505	NSB3	3	30	2	1670	45	300	1940	1200	1580	1067	917	300	96	1	Call Sales
34506	NSB6	6	60	2	3335	90	600	1940	1200	1800	1287	1137	300	108	1	Call Sales
34507	NSB8	8	80	2	4445	120	1000	1940	1200	2100	1587	1437	375	122	1	Call Sales
34508	NSB10	10	100	2	5560	150	1000	1940	1200	2100	1587	1437	375	122	1	Call Sales

Full retention separator chamber without sampling pump

Product Code	Nominal Size	Peak Flow (l/s)	Class	Area Drained (m ²)	Oil storage capacity (litres)	Silt storage capacity (litres)	Length (mm)	Width Overall (mm)	Depth Overall (mm)	Inlet Height (mm)	Outlet Height (mm)	Pipe Diameter (mm)	Weight (kg)	Pack qty	Lead time
34510	NS3	3	1	167	30	300	1730	1200	1580	970	950	110	78	1	Call Sales
34511	NS6	6	1	333	60	600	1730	1200	1800	1218	1198	160	99	1	Call Sales
34512	NS8	8	1	444	80	1000	1730	1200	2100	1518	1498	160	113	1	Call Sales
34513	NS10	10	1	555	100	1000	1730	1200	2100	1518	1498	160	113	1	Call Sales
34515	NS3	3	2	167	30	300	1730	1200	1580	970	950	110	77	1	Call Sales
34516	NS6	6	2	333	60	600	1730	1200	1800	1218	1198	160	96	1	Call Sales
34517	NS8	8	2	444	80	1000	1730	1200	2100	1518	1498	160	110	1	Call Sales
34518	NS10	10	2	555	100	1000	1730	1200	2100	1518	1498	160	110	1	Call Sales

Alarm kits for bypass Separator

Product code	Description	Pack qty	Lead time
44501	IP65 mains separator alarm with high oil probe	1	4 days
44504	Solar powered separator beacon alarm with oil probe	1	Call Sales
44505	Solar powered separator GSM alarm with oil probe	1	Call Sales
44515	Battery powered separator GPRS alarm with oil probe (including 1 year SIM usage)	1	Call Sales



Digital IP65 alarm and probes

Alarm Accessories for bypass separators

Product code	Description	Pack qty	Lead time
44508	High liquid probe	1	Call Sales
44509	Silt probe	1	Call Sales
44510	Probe mounting kit	1	Call Sales
44511	Flashing beacon kit	1	Call Sales
44512	Flashing beacon/siren kit	1	Call Sales
44513	Signal distribution box	1	Call Sales
44514	Secure enclosure	1	Call Sales

Accessories for both bypass and full retention separator

Separator Extension shaft

Product code	Description	Length (mm)	Width overall (mm)	Internal Diameter (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
34520	Separator Extension shaft	-	Ø865	Ø716	1059	19.1	1	Call Sales

Ancillaries

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
700745	Coalescing filter for NSB3	-	Ø230	660	1.2	1	Call Sales
700748	Coalescing filter for NSB6, 8 & 10	-	Ø360	790	3.6	1	Call Sales
418094	Sampling pump with 4m hose	-	-	-	3.5	1	Call Sales



Extension shaft



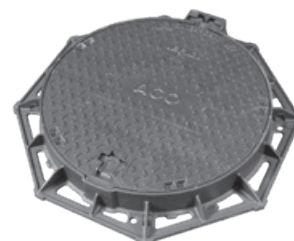
Stainless steel sampling pump with 4m hose



Coalescing filter

Separator cover and frame

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
34625	Ductile iron solid cover and frame D400	-	Ø750	100	87	10	Call Sales



Separator cover and frame BS EN 124 D 400

ACO Q-Ceptor bypass and full retention oil separator



ACO V-Septor – Hydrodynamic Separator

Description

The ACO V-Septor is an advanced hydrodynamic separator that removes sediment bound contaminants. Its design enables removal of pollutants by means of settlement and the capture of floatables.

ACO V-Septor Hydrodynamic Separator

Product code	Description	Height (mm)	Chamber diameter (id)	Weight (kg)	Pack qty	Lead time
40995	V-Septor 750	2000	750	155	1	Call Sales
41000	V-Septor 1000	2000	1050	230	1	Call Sales
41003	V-Septor 1200	2000	1200	275	1	Call Sales
41005	V-Septor 1500	2000	1500	350	1	Call Sales
41009	V-Septor 2000	2000	2100	490	1	Call Sales
41013	V-Septor 2500	2000	2400	620	1	Call Sales

ACO V-Septor - Hydrodynamic Separator and ACO QuadraCeptor



ACO QuadraCeptor

Description

ACO QuadraCeptor is an efficient and reliable system for the treatment of surface water run-off from roofs, car parks and roads, even in heavily trafficked areas, before discharge into sensitive water courses or infiltration.

ACO QuadraCeptor including Filter Elements

Product code	Description	Height (mm)	Diameter (mm)	Weight (kg)	Pack qty	Lead time
26650	ACO QuadraCeptor R1000	1955	Ø930	220	1	Call Sales
26651	ACO QuadraCeptor T750	1955	Ø930	220	1	Call Sales
26652	ACO QuadraCeptor HT500	1955	Ø930	300	1	Call Sales

ACO QuadraCeptor Replacement Filters (set of 4)

Product code	Description	Length (mm)	Diameter (mm)	Weight (kg)	Pack qty	Lead time
26654	ACO QuadraCeptor Replacement Filters R1000 and T750			34*	1	Call Sales
26655	ACO QuadraCeptor Replacement Filters HT500			54*	1	Call Sales

* Weight shown is for each filter element.
Product code is for a set of four filter elements.



ACO StormBrixx SD

Description

ACO StormBrixx SD is a unique and patented plastic geocellular stormwater management system with compact stacking ability for easier logistics.

The standard duty StormBrixx is suitable for use in a wide range of construction applications. It has a good storage coefficient and is suitable for invert depths of up to 4.5m. Manufactured using polypropylene, it benefits from a patented brick and cross bonding feature providing a strong long term installation. A stackable nested design simplifies delivery, on site storage and handling during installation.

Components

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
314090	Half body/layer piece	1200	600	494	9.41	1	Call Sales
314091	Side panel	907	592	104	3.13	1	Call Sales
314092	Top cover	550	550	45	0.76	1	Call Sales
314094	Half layer cover plate	1200	600	94	3.66	1	Call Sales
314098	Half layer side panel	450	592	104	1.5	1	Call Sales
314093	Layer connectors	53.4	44.2	26.5	0.1	1	Call Sales
27262	Horizontal pipe connectors Ø375mm	595	Ø375	910	5.4	1	Call Sales
27263	Horizontal pipe connectors Ø400mm	595	Ø400	910	6.0	1	Call Sales
27264	Horizontal pipe connectors Ø450mm	595	Ø450	910	6.84	1	Call Sales
27265	Horizontal pipe connectors Ø500mm	595	Ø500	910	7.44	1	Call Sales



ACO StormBrixx SD half body



Side Panel



Top cover



Layer connector



Horizontal pipe connectors

ACO StormBrixx SD



ACO StormBrixx HD GF

Description

ACO StormBrixx HD GF is a unique and patented geocellular stormwater management system.

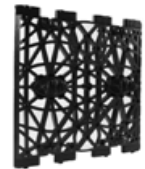
Manufactured from recycled polypropylene with a glass fiber filler, StormBrixx HD GF provides a sustainable solution for SuDS schemes without compromising on strength and capacity. Its unique pillar configuration offers a high void ratio, minimising excavation requirements and improving the flow of runoff through the system. ACO StormBrixx HD GF manages attenuation and infiltration through patented brickbonding and crossbonding offering flexibility in design, and unparalleled stability in construction. The system is available with man access units for the more comprehensive access and maintenance requirements of SuDs Approval Boards (SABS) and water companies.

Components

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
314061	Half body GF - NEW with recycled content	1205	602	306	10.0	1	Call Sales
314021	Side panel	580	578	35	1.6	1	Call Sales
314022	Top cover	555	530	43	0.8	1	Call Sales
314023	Layer connectors	100	40	46	0.1	1	Call Sales
27034	Remote access chamber module	594	594	610	32	1	Call Sales
27105	Horizontal pipe connectors Ø375mm	595	Ø375	605	6.2	1	Call Sales
27101	Horizontal pipe connectors Ø450mm	595	Ø450	605	4.50	1	Call Sales
27102	Horizontal pipe connectors Ø500mm	595	Ø500	605	5.00	1	Call Sales



ACO StormBrixx HD half body



Side Panel



Top cover



Layer connector



Remote access chamber module



Horizontal pipe connectors

ACO StormBrixx SD and ACO StormBrixx HD accessories

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
27056	Horizontal pipe connectors	-	Ø110	-	75*	1	Call Sales
27057	Horizontal pipe connectors	-	Ø160	-	1.25	1	Call Sales
27058	Horizontal pipe connectors	-	Ø225	-	1.40	1	Call Sales
27059	Horizontal pipe connectors	-	Ø300	-	1.75	1	Call Sales
27018	Vertical connector for inspection point	-	Ø225	200	2.5	1	Call Sales
314057	StormBrixx vented cover Ø600mm Load Class D400	-	Ø745	102.5	41	1	Call Sales
314056	Access chamber Ø450mm ductile iron cover Load Class D 400	-	Ø528	110	38	1	Call Sales
314055	Access chamber 450mm ductile iron vented cover Load Class D 400	-	Ø528	110	38	1	Call Sales
314045	Inspection point Ø225mm ductile iron cover Load Class D 400	410	410	180	52	1	Call Sales
314038	Inspection and rising shaft	-	437	350	2.6	1	Call Sales
314075	Remote access plate	650	650	120	4.74	1	Call Sales



Horizontal pipe connectors



Vertical connector for inspection point



StormBrixx vented cover



Access chamber ductile iron cover



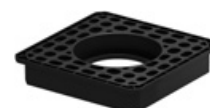
Access chamber ductile iron vented cover



Inspection point ductile iron cover



Inspection and rising shaft



Remote access plate

ACO StormBrixx Accessories

ACO StormBrixx geotextiles, geomembranes and accessories

Product code	Description	Length (mm)	Width overall (mm)	Thickness (mm)	Mass per unit area (g/m ²)	Weight (kg)	Pack qty	Lead time
27038	ACOTex infiltration geotextile	100	4 (m)	1.0	125	51	1	Call Sales
27041	ACOTex Plus protection fleece	100	4 (m)	2.9	325	130	1	Call Sales
27042	ACOWrap	12.5	4 (m)	0.45	460	23.0	1	Call Sales
27044	ACO double sided butyl mastic tape	15	100	1.5	-	3.70	1	Call Sales
27045	Ø110 flexible top hat	-	Ø100	0.9	-	0.1	1	Call Sales
27046	Ø160 flexible top hat	-	Ø150	0.9	-	0.1	1	Call Sales
27047	Ø225 flexible top hat	-	Ø225	0.9	-	0.1	1	Call Sales
27048	Ø300 flexible top hat	-	Ø300	0.9	2.5	0.1	1	Call Sales

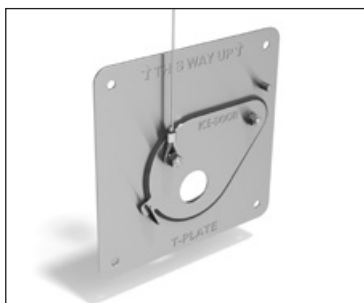


ACO Q-Brake Vortex flow control

Description

ACO Q-Brake Vortex is an individually configured vertical vortex flow control designed to regulate stormwater flow before it discharges into the watercourse or sewer networks. All ACO Q-Brake Vortex flow controls are manufactured from grade 304 stainless steel.

Description	Manhole size (mm)	Outlet size (mm)	Flow rate (l/s)	Pack qty	Lead time
Q-Brake Vortex Flow Control – round wall	1050 – 3600	110 – 700	2 – 100 l/s	1	Call Sales
Q-Brake Vortex Flow Control – flat wall	n/a	110 – 700	2 – 100 l/s	1	Call Sales

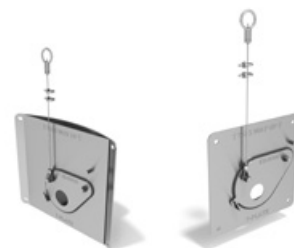


ACO Q-Plate Orifice Plate

Description

Manufactured from grade 304 stainless steel, the ACO Q-Plate is designed to regulate stormwater flows in projects where a vortex flow control is not the most effective solution, or where flows are greater than 100l/s.

Description	Manhole size (mm)	Outlet size (mm)	Pack qty	Lead time
Q-Plate – round wall	1050 – 3600	110 – 900	1	Call Sales
Q-Plate – flat wall	n/a	110 – 900	1	Call Sales



ACO Q-Chamber

Description

ACO Q-Chamber is a new durable prefabricated chamber designed to house ACO Q-Brake, as well as ACO Q-Plate. It combines easy-handling and simple installation with a fully-welded plastic, durable construction.

Description	Diameter (mm)	Height (mm)	Pack qty	Lead time
ACO Q-Chamber	900 – 2100	1000 – 3500	1	Call Sales



ACO Q-Brake and ACO Q-Chamber are manufactured to order, each specifically optimised for the design parameters of the project. For our dedicated stormwater management team, please contact: uk-sw@aco.co.uk Tel: 01462 816666



Rail

Description

This product range can be applied to a wide variety of applications including stations and curtilage, platforms, maintenance depots, station parking and parking decks.



ACO TramDrain 200

Suitable for load class applications D 400

Description

The ACO TramDrain 200 is a high capacity one-piece drainage system designed to provide efficient surface water drainage for combined tram and vehicular traffic running areas. ACO TramDrain is specifically designed to provide drainage for the grooved rail, 4-foot and 6-foot areas of the track slab and the full width of swept path.

ACO TramDrain 200

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
T00039	TramDrain 200 Drainage unit 500mm LG	500	260	400	54.2	1	Call Sales
T00017	TramDrain 200 Ri59/60 Rail connector unit *	205	260	175	10.9	1	Call Sales
32620	TramDrain 200 41GPU Rail connector unit *	205	260	200	9.8	1	Call Sales
T00023	TramDrain 200 Culvert unit 600mm LG	600	260	200	21.4	1	Call Sales
T00040	TramDrain 200 Access unit 500mm LG	500	260	400	56.4	1	Call Sales
T00041	TramDrain 200 Closing end cap	25	260	500	5.4	1	Call Sales
32624	TramDrain 200 Outlet end cap	150	260	400	3.8	1	Call Sales

* Connector units compatible with Ri59/60 or 41GPU rails



ACO V100G Tram Drain

Suitable for load class applications C 250, E 600

Description

The ACO V100G Tram Drain is designed to provide efficient surface water drainage for the 4-foot and the grooved rail profile of the tram track.

ACO V100G Tram Drain

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
T0200	ACO V100G Tram Drain Channel	1435	135	160	39.6	1	Call sales

Load class C250 or E600 dependant on gratings chosen.

ACO TramDrain 200 and
ACO V100G Tram Drain



ACO Derailment Channel

Suitable for load class applications C 250

Description

The ACO Derailment channel provides an additional level of protection in the event of derailment. The system is installed parallel with the tram track and is fitted with frangible gratings which are designed to collapse if struck by a wheel.

ACO Grooved RailDrain Ri41GP

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
T0059	ACO Derailment Channel	1000	155	138	21.2	1	Call sales
T0060	ACO Derailment Outlet Channel	1000	155	138	20.6	1	Call sales



ACO Rail Access Point

Suitable for load class applications D 400

Description

ACO's innovative rail access point has radically improved the installation and maintenance practices of rail drainage. Utilising ACO's Vienite polymer concrete, which is naturally less conductive, gives these units significantly superior performance against stray currents compared to purely metal access points.

Units are fitted with a mesh stainless steel grate giving full visible inspection to the vertical drainage pipe and the rail catchment area, making it quick and easy to inspect for blockages without removing the grate. This ACO Rail access point is designed to suit 41 GPU rail profiles.

ACO Rail Access Point

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
32614	Rail access point black c/w stainless steel mesh grate	277	309	172*	15.7	1	Call sales
32615	Rail access point grey c/w stainless steel mesh grate	277	309	172*	15.7	1	Call sales

* Not including adjustable leg height



New! ACO Heelguard™ 6mm Rail Intercept Grate

Suitable for load class applications D 400

Description

Designed to meet the requirements of rail platforms and rail building curtilage, these grates are compatible with MultiDrain MD and MultiDrain PPD channels.

They feature 6mm wide slots and have very high skid and slip resistance. Each grate is fitted with ACO's bar-less Drainlock™ which improves hydraulic capacity. They are also compatible with ACO's security locking bars for added protection in high theft/vandalism areas.

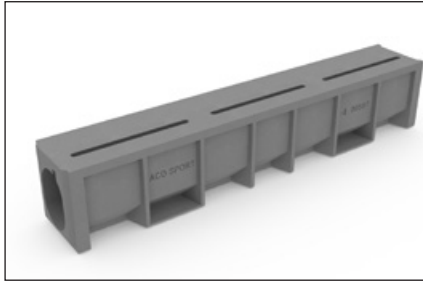
ACO Heelguard 6mm Rail Grate

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
23511	NEW! M100D/PPD Heelguard™ 6mm Rail Intercept, ductile iron grate	500	123	21	4	200	Call Sales*
23516	NEW! M150D/PPD Heelguard™ 6mm Rail Intercept, ductile iron grate	500	173	36	6.6	96	Call Sales*
23521	NEW! M200D/PPD Heelguard™ 6mm Rail Intercept, ductile iron grate	500	223	43	9.5	90	Call Sales*

Not suitable for carriageways of public roads or motorway

**Product launch expected Q3 please enquire for exact dates*

Note: For channel details please refer to ACO MultiDrain section from page 10 onwards.



Sport

Description

ACO Sport provides specific drainage solutions and stadia products for sporting facilities, stadiums and arenas, meeting requirements of any athletic arena from school field to Olympic Stadiums.

ACO Sport Curbing - for slot channels

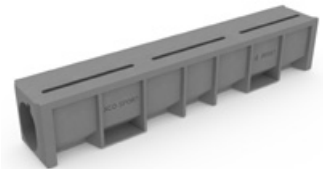
Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Radius	Weight (kg)	Pack qty	Lead time
00363	Sport slot channel cover straight	1000	160	50	0	2.7	50	Call Sales
00362	Sport slot channel cover radius 36.5m	1000	160	50	36.5	2.7	50	Call Sales



Sport slot channel cover straight

ACO Sport slot channels - without stop ridges

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Internal width	Radius	Weight (kg)	Weight (kg)	Pack qty	Lead time
00587	Sport slot channel straight no ridge	1000	160	187	125	-	13	26.5	25	Call Sales
00588	Sport slot channel radius 36.5m no ridge	1000	160	187	125	36.5	13	26.5	25	Call Sales
00597	Sport slot channel radius 24m no ridge	1000	160	187	125	24	13	27.5	25	Call Sales
00598	Sport slot channel radius 48m no ridge	1000	160	187	125	48	13	27.5	25	Call Sales



Sport slot channel

ACO Sport slot channels - stop ridge one side

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Internal width	Radius	Weight (kg)	Weight (kg)	Pack qty	Lead time
15519	Sport slot channel straight one ridge	1000	160	200	125	-	13	31	25	Call Sales
15525	Sport slot channel radius 36.5m one ridge	1000	160	200	125	36.5	13	31	25	Call Sales



Sport slot channel straight one ridge

ACO Sport slot channels - stop ridge both sides

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Internal width	Radius	Weight (kg)	Weight (kg)	Pack qty	Lead time
15547	Sport slot channel straight ridge both sides	1000	160	200	125	-	13	28.7	25	Call Sales
15550	Sport slot channel radius 36.5m ridge both sides	1000	160	200	125	36.5	13	28.7	25	Call Sales



Sport slot channel straight ridges both sides

ACO Sport slot channel sump and access units

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Internal width (mm)	Weight (kg)	Pack qty	Lead time
00604	Sport slot channel sump unit	500	165	483	125	16.7	2	Call Sales
15574	Sport slot channel access unit	500	165	198	125	11.2	2	Call Sales
15720	Sport slot channel access/ sump cover, no ridge	500	-	-	-	2	2	Call Sales
15523	Sport slot channel access/ sump cover, one ridge	500	-	-	-	7.37	2	Call Sales
15549	Sport slot channel access/ sump cover, both sides	500	-	-	-	6.01	2	Call Sales



Sport slot channel sump unit

ACO Sport slot channel accessories

Product code	Description	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
0056	820 Drain union PVC-U Ø110mm	-	-	0.1	5	4 days
0058	822 Drain union PVC-U Ø160mm	-	-	0.5	5	4 days
15714	Sport slot channel galvanised steel end cap	160	200	0.4	5	Call Sales



Sport slot channel access unit

ACO Sport high capacity slot channels

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Internal width (mm)	Radius	Weight (kg)	Pack qty	Lead time
00784	Sport high capacity slot channel straight no ridge	1000	155	235	100	-	33	25	Call Sales
00786	Sport high capacity slot channel radius 36.5m no ridge	1000	155	235	100	36.5	33	25	Call Sales
00783	Sport high capacity slot channel straight one ridge	1000	155	248	100	-	33	25	Call Sales
00785	Sport high capacity slot channel radius 36.5m one ridge	1000	155	248	100	36.5	33	25	Call Sales



Sport high capacity slot channel



Sport high capacity slot channel straight one ridge

ACO Sport high capacity slot channel sump and accessories

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Internal width (mm)	Weight (kg)	Pack qty	Lead time
02707	Sport high capacity slot channel sump	500	155	580	100	30	25	Call Sales
75201	Sport high capacity slot channel sump cover no ridge	500	123	33	-	3	25	Call Sales
75202	Sport high capacity slot channel sump cover one ridge	500	138	45	-	4.5	25	Call Sales
01077	Sport high capacity slot channel closing end cap	-	-	-	-	1.2	5	Call Sales



Sport high capacity slot channel sump

ACO Sport Kerbstones, straight black

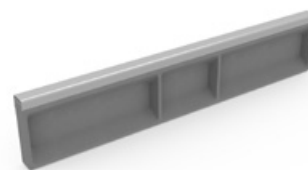
Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
01690	Sport Kerbstone 200mm height 50mm width	1000	50	200	12.5	60	4 days
01034	Sport Kerbstone 200mm height 60mm width	1000	60	200	16.5	60	Call Sales
01773	Sport Kerbstone 200mm height 100mm width	1000	100	200	24	60	Call Sales
01035	Sport Kerbstone 250mm height 50mm width	1000	50	250	14.6	60	Call Sales
01774	Sport Kerbstone 250mm height 100mm width	1000	100	250	26.8	60	Call Sales
01036	Sport Kerbstone 300mm height 60mm width	1000	60	300	18.3	60	Call Sales
01573	Sport Kerbstone 300mm height 60mm width 500mm length	500	60	300	9.2	60	Call Sales
01037	Sport Kerbstone 400mm height 60mm width	1000	60	400	23.7	60	Call Sales
01574	Sport Kerbstone 400mm height 60mm width 500mm length	500	60	400	10.5	60	Call Sales



Sport Kerbstone 250mm height 50mm width

ACO Sport Kerbstones, straight white

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
01689	Sport Kerbstone 200mm height 50mm width	1000	50	200	12.5	60	4 days
00961	Sport Kerbstone 200mm height 60mm width	1000	60	200	16.5	60	Call Sales
00962	Sport Kerbstone 250mm height 50mm width	1000	50	250	14.6	60	Call Sales
00963	Sport Kerbstone 300mm height 60mm width	1000	60	300	18.3	60	Call Sales
01571	Sport Kerbstone 300mm height 60mm width 500mm length	500	60	300	9.2	60	Call Sales
00964	Sport Kerbstone 400mm height 60mm width	1000	60	400	23.7	60	Call Sales
01572	Sport Kerbstone 400mm height 60mm width 500mm length	500	60	400	10.5	60	Call Sales



Sport Kerbstone

ACO Sport Kerbstones, corner piece black

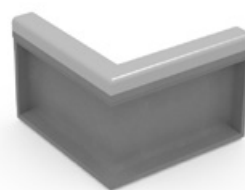
Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
01041	Sport Kerbstone corner 250mm height 50mm width	250/250	50	250	8.9	60	4 days
01380	Sport Kerbstone corner 300mm height 60mm width	250/250	60	300	12.5	60	Call Sales
01042	Sport Kerbstone corner 400mm height 60mm width	250/250	60	400	13.2	60	Call Sales



Sport Kerbsone corner 250mm height 50mm width

ACO Sport Kerbstones, corner piece white

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
00968	Sport Kerbstone corner 250mm height 50mm width	250/250	50	250	8.9	60	4 days
01381	Sport Kerbstone corner 300mm height 60mm width	250/250	60	300	12.5	60	Call Sales
00969	Sport Kerbstone corner 400mm height 60mm width	250/250	60	400	13.2	60	Call Sales



Sport Kerbstone, corner

ACO Sport Sand Capture

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Weight (kg)	Pack qty	Lead time
01474	Sport Sand Capture inner channel 1000mm length	1000	500	140	42.5	1	Call Sales
01476	Sport Sand Capture inner channel 560mm length	560	500	140	24.5	1	Call Sales
01475	Sport Sand Capture outer channel 1000mm length	1000	500	140	40.2	1	Call Sales
01477	Sport Sand Capture outer channel 560mm length	560	500	140	23.1	1	Call Sales
15571	Sport Sand Capture end cap		140		0.7	5	Call Sales



Sport Sand Capture outer channel 1000mm length

ACO Sport

ACO Sport Troughs

Product code	Description	Length (mm)	Width overall (mm)	Depth overall (mm)	Internal width (mm)	Radius	Weight (kg)	Pack qty	Lead time
15566	Sport Trough channel straight field	1000	220	60	185	-	18	25	Call Sales
15568	Sport Trough channel sump	600	220	348	185	-	22	25	Call Sales
15569	Sport Trough channel straight track	1000	250	70	185	-	28	25	Call Sales
15570	Sport Trough channel radius 36.5m track	1000	250	70	185	36.6	28	25	Call Sales
15716	Sport Trough channel straight grooved	1000	250	70	185	-	26	25	Call Sales
15717	Sport Trough channel radius 36.6m grooved	1000	250	70	185	36.6	26	25	Call Sales
00812	Sport Trough sump track	600	250	353	185	-	30	2	Call Sales
15718	Sport Trough sump grooved	600	250	353	185	-	29	25	Call Sales
0056	820 Drain union PVC-U Ø110mm	-	-	-	-	-	0.1	5	4 days
15708	Sport Trough expansion profile set	-	250	-	-	-	0.05	5	Call Sales
15715	Sport Trough end cap	-	250	150	-	-	0.3	5	Call Sales



Sport Trough channel straight field



Sport Trough channel straight track



Sport Trough channel straight grooved



ACO SuDS Swale Inlet

Description

ACO SuDS Swale Inlet is an aesthetically pleasing, low maintenance solution for drainage outfall connections discharging into shallow vegetated channels or SuDS features. Available as standard in natural, grey and black. Optional grating kit also available for applications that require a greater degree of protection.

ACO SuDS Swale Inlet

Product code	Description	Length (mm)	Width overall (mm)	Depth (mm)	Weight (kg)	Pack qty	Lead time
27111	ACO SuDS Swale Inlet - Natural	1150	580	365	76	4	Call Sales
27112	ACO SuDS Swale Inlet - Grey	1150	580	365	76	4	Call Sales
27113	ACO SuDS Swale Inlet - Black	1150	580	365	76	4	Call Sales
27121	Grating kit*	-	-	-	1.2	-	Call Sales
27109	Mesh kit*, for installations with Newts	-	-	-	1.6	-	Call Sales
27127	Anchor Kit+	-	-	-	0.8	-	Call Sales

*Grating and mesh kits contain: 1 x Grade 304 Stainless Steel mesh grating, 3 x anchors, 3 x washers and 3 x fixing screws
+ Ground Anchor kit contains 2 x ground anchors, 2 x washers and 2 x bolts



ACO SuDS Combipoint SSA

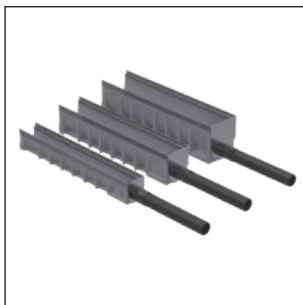
Suitable for load class applications D 400

Description

Designed to remove sediment from surface water, when used in combination with SuDS features the Combipoint SSA can remove the need for large sediment forebays. Incorporating this unit into the SuDS management train provides an easy to maintain point source for sediment and improves the long term performance of swales, ponds or bioretention areas which have no sediment removal system.

ACO Combipoint SSA

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
89117	Grate 500 x 500 Gully, cover and frame for Combipoint SSA D 400	500	500	180	75.5	1	Call Sales
89008	Gully body, Combipoint SSA PE body and silt chamber	575	540	1780	22	1	Call Sales
89052	Double outlet, outlet and overflow connector 160mm	418.5	179	685	1	1	Call Sales
89053	SSA turbulence reducer, Stainless steel	330	330	472.5	3.5	1	Call Sales
27281	Silt bucket for Combipoint SSA	450	450	600	7.5	1	Call Sales
89064	Extension element 120mm	398	398	135	1.4	1	Call Sales
67308	Sealing plates for use during construction phase, set of 2	70	12	60	0.5	1	Call Sales
600643	Lifting tool	600	-	-	1.5	1	Call Sales



ACO SuDS Infiltration Channel Outlets

Description

Channels are often connected directly to raingardens or bioretention areas, as a method of connecting downpipes or as a way to intercept water sheeting over sloping pedestrian areas. These connection plates make it quick and easy to disperse the water from the channel into SuDS features, aiding plant irrigation and preventing localised ponding or erosion.

ACO Combipoint SSA

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
27301	SuDS Infiltration channel outlet for M100D/DS	102	135	150	0.3	1	Call Sales
27302	SuDS Infiltration channel outlet for M150D/DS	102	185	210	0.4	1	Call Sales
27303	SuDS Infiltration channel outlet for M200D/DS	102	235	265	0.6	1	Call Sales

Supplied with 80mm perforated pipe connector

Note: For channel details please refer to ACO MultiDrain section from page 10 onwards.



ACO SuDS Overflow Gullys

Description

SuDS components like raingardens or bioretention areas feature overflow pipes. These regulate the freeboard height or point at which the water level can escape during high rainfall. ACO's SuDS overflow gullies are a quick and simple way to complete this detail, with discreet grilled gully systems in ductile iron or plastic versions.

ACO SuDS Overflow Gullies

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
25191	SuDS Overflow gully ductile iron	250	250	200	10	1	Call Sales
310094	SuDS Overflow gully black ABS plastic	200	200	126	1.5	1	Call Sales



Wildlife

Description

Structures to assist wild animal populations in our built environment have never been so important for wildlife conservation. ACO has a long history of developing wildlife protection solutions for integration into infrastructure projects such as highways schemes and new housing developments.



ACO One-Way Fence and Tunnel Entrance

Description

Recycled composite small animal guidance system.

Guides small animals to the tunnel. System includes Fence Panel, Post and Tunnel Entrance Unit.

ACO One-Way Fence and Tunnel Entrance

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
99705	Wildlife one-way fence panel	1050	525	440	4.80	15	Call Sales
99708	Wildlife fence post (chisel point)	40	40	950	2.00	400	Call Sales
99712	Wildlife tunnel entrance	750	585	521	19.00	4	Call Sales



ACO Guide Wall

Description

Polymer concrete Guide Wall for small animals.

Prevents small animals from reaching the carriageway and guides them to the Climate Tunnel Entrance.

ACO Guide Wall

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
17845	Wildlife guide wall LEP100 straight	1000	470	450	49.00	8	Call Sales
18406	Wildlife guide wall LEP100F dropper	540	470	450	24.05	8	Call Sales
18405	Wildlife guide wall LEP100S riser	540	470	450	27.05	8	Call Sales
18408	Wildlife guide wall LEP100A outside curve	530	470	450	25.05	8	Call Sales
18407	Wildlife guide wall LEP100I inside curve	560	470	450	25.05	8	Call Sales



ACO Climate Tunnel

Suitable for load class application D 400

Description

Polymer concrete Climate Tunnel.

Precast tunnel system to allow small animals to cross roads safely. Can be installed flush with or below road surface.

ACO Climate Tunnel

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
11120	Climate tunnel slotted KT500	1000	580	520	257.50	2	Call Sales
11121	Climate tunnel slotted KT500	500	580	520	130.50	2	Call Sales
11122	Climate tunnel solid top KT500	1000	580	520	269.00	2	Call Sales
11123	Climate tunnel solid top KT500	500	580	520	134.00	2	Call Sales

Note: ACO Wildlife products supplied by ACO Wildlife Ltd.



ACO Climate Tunnel Entrance

Suitable for load class application C 250

Description

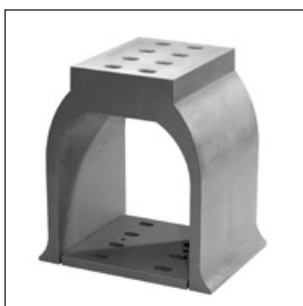
Interface between Guide Wall and Climate Tunnel.

Polymer concrete tunnel entrance ensures animals are guided to the tunnel and prevented from accessing the carriageway.

ACO Climate Tunnel Entrance

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
11124	Climate tunnel entrance KP1000-700	1000	1000	720	284.00	1	Call Sales
11125	Climate tunnel entrance wing KP1000-700 right hand	1080	330	720	67.50	2	Call Sales
11126	Climate tunnel entrance wing KP1000-700 left hand	1080	330	720	66.50	2	Call Sales
11130	Climate Portal Complete*	-	-	-	569.10	1	Call Sales

*11130 Climate Portal Complete consists of 11124 x1, 11125 x1, 11126 x1, 11127 x9 & 11129 x1, and is supplied on a single pallet.



ACO Climate Stilt Tunnel

Suitable for load class application C 250

Description

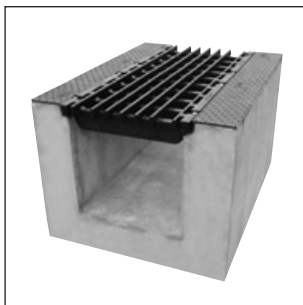
Tall slotted polymer concrete Climate Tunnel.

Tall tunnel system installed flush with road surface for small and medium sized animals or to form extended ventilated entrance to tunnel installed below road surface.

ACO Climate Stilt Tunnel

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
11131	Climate stilt tunnel slotted KST500-700	500	580	720	129.00	1	Call Sales
11132	Climate stilt tunnel plus Plate*	-	-	-	-	1	Call Sales
11129	Climate tunnel stepdown KT500	50	580	300	6.90	10	Call Sales
11127	Climate plate KSP with drain holes	480	480	30	16.00	45	Call Sales

*11132 Climate Stilt Tunnel +Plate consists of 11131 x1 & 11127 x1.



ACO Stop Channel

Suitable for load class application D 400

Description

Concrete and ductile iron unit to permit access over Guide Wall.

Use where Guide Wall needs to be crossed by traffic while preventing small animal access to the carriageway.

ACO Stop Channel

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
018753	Stop Channel SR 400G complete	1000	625	600	456.00	1	Call Sales

Note: ACO Wildlife products supplied by ACO Wildlife Ltd.



ACO Wildlife Kerb

Description

Polymer concrete kerb allows amphibians to bypass gully gratings.

Amphibians follow the recess in the front of the kerb, so they don't fall through the gully grating.

ACO Kerb

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
40090	Wildlife kerb HB2	915	125	255	43.00	18	Call Sales



ACO Wildlife Refuges

Description

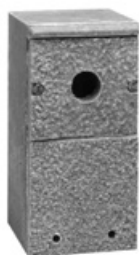
A range of refuges designed to shelter different types of amphibians and small mammals.

Refuges provide safe spaces for small animals to shelter in. Five different opening sizes prevent predator access for different types of animal.

ACO Refuges

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Entrance size (mm) and type	Weight (kg)	Pack qty	Lead time
18891	Wildlife multi-use refuge Type 1	650	650	120	Open arch	21.00	-	Call Sales
18892	Wildlife multi-use refuge Type 2	650	650	120	60 x 10 slot	21.00	-	Call Sales
18893	Wildlife multi-use refuge Type 3	650	650	120	60 x 15 slot	21.00	-	Call Sales
18894	Wildlife multi-use refuge Type 4	650	650	120	ø30 semicircle	21.00	-	Call Sales
18895	Wildlife multi-use refuge Type 5	650	650	120	ø70 semicircle	21.00	-	Call Sales

Note: ACO Wildlife products supplied by ACO Wildlife Ltd.



ACO Nest Box

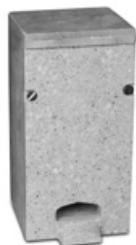
Description

Integral bird nest box to build in to new or existing walls.

Developed to provide a sheltered nesting refuge for small birds.

ACO Nest Box

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
7487	Nest box assembly natural 28mm dia hole	108	103	215	2.70	-	Call Sales



ACO Bat Box

Description

Integral bat roosting box to build in to new or existing walls.

Developed to provide a sheltered roosting refuge for bats.

ACO Bat Box

Product code	Description	Length (mm)	Width overall (mm)	Height overall (mm)	Weight (kg)	Pack qty	Lead time
18890	Bat box assembly	108	108	215	2.80	-	Call Sales

Note: ACO Wildlife products supplied by ACO Wildlife Ltd.

ACO TECHNOLOGIES PLC CONDITIONS OF SALE

1. INTRODUCTION

These conditions shall form part of every contract of sale entered into by ACO Technologies plc ("the Company") to the exclusion of all other terms and conditions including any which the Customer may purport to impose. They may not be varied except in writing signed by an officer of the Company. No contract comes into force until the Company, having received the Customer's purchase order, issues a written acceptance to the Customer pursuant to these Conditions of Sale.

2. DEFINITIONS AND INTERPRETATION

(a) "**Customer**" means the person, firm or company buying or agreeing to buy the Goods and/or Services from the Company.

"**Contract**" means the contract for supply of Goods and/or Services and comprises the Company's written acknowledgement of the Customer's order, those parts of any design or instruction given by the Customer which have been expressly accepted by the Company in writing (if applicable), the Scheduled Sales Order Agreement (if applicable), the Terms and Conditions of Scheduled Order Agreement (if applicable), the proposal document for bespoke stainless steel design work (if applicable) and these Conditions of Sale.

"**Goods**" means any goods agreed in the Contract to be supplied to the Customer by the Company (including any part or parts of them).

"**Input Material**" means any documents, plans or other materials or specifications and any data or other information provided by the Customer in whatever format relating to the Goods and/or Services.

"**Output Material**" means any documents, plans or other materials or specifications and any data or other information provided by the Company in whatever format relating to the Goods and/or Services.

"**Services**" means (if applicable) any delivery, design, manufacture, advice or installation services provided by the Company or its sub-contractors.

(b) The headings in these Terms and Conditions are for convenience only and shall not affect their construction.

(c) References to any statute or statutory provision shall, unless the context otherwise requires, be construed as a reference to that statute or statutory provision as from time to time amended, consolidated, modified, extended, re-enacted or replaced.

3. VALIDITY AND ACCEPTANCE

(a) Unless previously withdrawn, the Company's quotation is open for acceptance for the period stated, or if no period is stated, 30 days. All orders (including those not based upon a quotation) must be in writing or by email and are subject to the Company's acceptance in writing. The Customer must ensure that the terms of its order and any applicable Input Material are complete and accurate.

(b) Any representations or warranties made or given by the Company or anyone on the Company's behalf prior to the Company's acceptance of an order and not contained in the Company's written quotation are hereby expressly excluded.

(c) All quotations are made subject to availability of the Goods or materials on receipt of the order.

4. SPECIFICATIONS

(a) All descriptive and shipping specifications, estimates, drawings and particulars of weights and dimensions supplied by the Company are approximate only and the descriptions and illustrations contained in its catalogues, price lists and other marketing materials are intended merely to present a general idea of the goods described therein, unless otherwise stated. ACO reserves the right to change its marketing materials from time to time without notice to the Customer.

(b) The Company may correct any typographical or other errors or omissions in any marketing materials, quotation, written acknowledgement of the Customer's order, or other document relating to the provision of the Goods and/or Services without any liability to the Customer.

(c) Any advice or recommendation given by the Company or its employees or agents to the Customer or its employees or agents as to the storage, application or use of the Goods and/or Services which is not confirmed in writing by the Company is followed or acted upon entirely at the Customer's own risk, and accordingly the Company shall not be liable for any such advice or recommendation which is not so confirmed.

5. SERVICES

(a) Where the Company has undertaken to provide any Services to the Customer, the Company shall provide the Services subject to these Conditions. Any changes or additions to the Services must be agreed in writing by the Company and the Customer may be charged extra.

(b) The Customer shall at its own expense supply the Company with all necessary documents, plans or other materials, and all necessary data or other information relating to the Services, within sufficient time to enable the Company to provide the Services in accordance with the Contract. The Customer shall ensure the accuracy of all Input Material.

(c) The Customer shall at its own expense retain duplicate copies of all Input Material and insure against its accidental loss or damage. The Company shall have no liability for any such loss or damage, however caused. All Output Material shall be at the sole risk of the Customer from the time of delivery to or to the order of the Customer.

(d) The Services shall be provided using reasonable care and skill and as far as reasonably possible in accordance with the Output Material, subject to these Conditions.

(e) The Company may at any time without notifying the Customer make any changes to the Services and Goods which are necessary to comply with any applicable safety or other statutory requirements, or which do not materially affect the nature or quality of the Services and Goods.

(f) The property and any copyright or other intellectual property rights in:

(i) any Input Material shall belong to the Customer;

(ii) any Output Material shall, unless otherwise agreed in writing between the Customer and the Company, belong to the Company, subject only to the right of the Customer to use the Output Material for the purposes of utilising the Services and/or Goods.

(g) The Customer warrants that any Input Material and its use by the Company for the purpose of providing the Services and/or Goods will not infringe the copyright or other rights of any third party, and the Customer shall indemnify the Company against any loss, damages, costs, expenses or other claims arising from any such infringement.

(h) The Company warrants that any Output Material and its use by the Customer for the purposes of utilising the Services and/or Goods will not infringe the copyright or other rights of any third party, and the Company shall indemnify the Customer against any loss, damages, costs, expenses or other claims arising from any such infringement.

(i) Where the Company supplies in connection with the provision of the Services, any Goods (including Output Material) supplied by a third party, the Company does not give any warranty, guarantee or other term as to their quality, fitness for purpose or otherwise, but shall, where possible, assign to the Customer the benefit of any warranty, guarantee or indemnity given by the person supplying the Goods to the Company.

(j) The Company shall have no liability to the Customer for any loss, damage, costs, expenses or other claims for compensation arising from any Input Material or instructions supplied by the Customer which are incomplete, incorrect, inaccurate, illegible, out of sequence or in the wrong form, or arising from their late arrival or non arrival, or any other fault of the Customer.

(k) The Customer shall provide the Company or its sub-contractors or agents full and proper access to the Customer's site for the Company or its sub-contractors or agents to perform the Services and shall not hinder said performance in any way.

6. SUBSTITUTION

In the event of a shortage of raw materials or component parts specified in the contract for use in the production of Goods the Company shall be entitled to substitute such other materials as it shall consider reasonably fit for such purpose.

7. PRICES

(a) Except where agreed in writing to the contrary, all prices quoted by the Company exclude carriage from the warehouse which shall be charged in addition.

(b) All prices are subject to revision at any time (including after the Company has acknowledged the Customer's order) in the event of any increase in cost caused by circumstances beyond the Company's control and the Company reserves the right to charge such revised prices for Goods and/or Services affected by the increase and remaining to be delivered.

(c) The Customer shall be liable for extra charges required as a result of its instructions, lack of instructions, the inaccuracy of any Input Material or any other cause attributable to the Customer.

8. PAYMENT

(a) Unless otherwise agreed in writing, prices quoted are net of tax, which shall be payable in addition and:

(i) payment for Goods and/or Services within the United Kingdom shall be made on the last day of the month following the month in which the Company's invoice is dated. Time for payment shall be of the essence.

(ii) payment for Goods and/or Services outside the United Kingdom shall be made by irrevocable letter of credit deposited with a London Bank approved by the Company upon presentation of shipping documents or if the Company is unable by reason of the Customer's instructions or lack of instructions to ship Goods when ready, upon notification to the Customer that the Goods are ready for shipment.

(b) In the event of any delay in payment the Company shall be entitled to charge interest at 4% over Bank of England minimum lending rate from time to time, accruing on a daily basis until payment is made, whether before or after any judgment. During any such period of default and at any time when the Company shall have reasonable grounds for doubting that payment will be made on the due date the Company shall be entitled to withhold deliveries on all contracts with the Customer without prejudice to its right to payment for Goods and Services delivered and for work undertaken and expenses incurred in connection with undelivered Goods and/or Services which shall become immediately due and payable on demand.

(c) The Buyer shall make all payments due under the Contract without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise.

9. TERMINATION AND CANCELLATION

- (a) Either party may (without limiting any other remedy) at any time terminate the Contract by giving written notice to the other if the other commits any material breach of these Conditions and (if capable of remedy) fails to remedy the breach within 30 days after being required by written notice to do so, or if the other goes into liquidation, or (in the case of an individual or firm) becomes bankrupt, makes a voluntary arrangement with his or its creditors or has a receiver or administrator appointed.
- (b) No order for Goods or Services which has been accepted by the Company may be cancelled by the Customer except with the agreement in writing of the Company and on terms that the Customer shall indemnify the Company in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Seller as a result of cancellation.

10. DELIVERY DATES

Delivery dates are estimated only and not guaranteed and are not of the essence. The Company will endeavour to meet the Customer's delivery requirements but shall not be liable for any loss or damage whether direct, indirect, consequential or otherwise (all of which terms include, without limitation, loss of profits, loss of business, depletion of goodwill and like loss) caused by the delay in delivery. Any liability of the Company for non-delivery of the Goods and/or Services shall be limited to replacing the Goods and/or Services within a reasonable time or issuing a credit note at the pro-rata Contract rate against any invoice raised for such Goods and/or Services.

11. TITLE

The Company shall retain title to Goods until payment is made in full in cleared funds in respect of all Contracts. This provision shall not prevent the Customer from selling the Goods for full consideration or embodying them in any construction or apparatus in the normal course of business but in such event (to the extent of its indebtedness to the Company in respect of Goods) it shall act as trustee for the Company of the proceeds of sale or contract price and shall at the Company's request assign the right to receive the same to the Company. The Company's failure to enforce such rights in any case shall not affect its rights in any other case. Without prejudice to the above, until payment is made in full the Customer shall store the Goods (at no cost to the Company) separately from all other goods of the Customer or any third party in such a way that they remain readily identifiable as the Company's property and the Customer grants the Company and its agents an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Customer's right to possession has terminated, to recover them.

12. RISK

Risk in the Goods shall pass to the Customer on delivery or immediately prior to off-loading from the delivery vehicle where the Customer undertakes the off-loading or immediately after loading a Customer's vehicle at our premises. If the Customer fails to take delivery or has not provided appropriate instructions, documents or authorisations, risk will pass when delivery is tendered.

13. DELIVERY

- (a) The Company may deliver the Goods and/or Services to the Customer's premises or may agree to deliver the Goods and/or Services direct to the site of any third party.
- (b) Upon the Company notifying the Customer that the Goods are ready for collection or tendering delivery of the Goods the Customer shall agree to accept delivery of the Goods forthwith. If the Company has agreed to deliver the Goods and the Customer shall fail to give proper delivery instructions or to accept delivery as aforesaid it shall be liable for all costs incurred by the Company as a result of such failure (including without limitation storage and insurance) which shall become immediately due and payable on demand but such liability shall not affect its obligation to purchase the Goods or the right of the Company to damages for breach of such obligation.
- (c) Where the Goods and/or Services are to be delivered in installments, each delivery shall constitute a separate contract and failure by the Company to deliver any one or more of the installments in accordance with these Conditions or any claim by the Customer in respect of any one or more installments shall not entitle the Customer to treat the Contract as a whole as repudiated.

14. DAMAGE TO GOODS IN TRANSIT

- (a) The Company shall have no liability in respect of Goods lost or damaged in transit unless the Customer or its agent notes such loss or damage on the delivery receipt and gives notice thereof in writing to the Company and the carrier within three days of delivery or such shorter period as may be required by the carrier's conditions of carriage or in the case of a whole consignment failing to arrive gives notice thereof in writing to the Company within three days of receipt of the Company's invoice or despatch note.
- (b) The Company's liability in respect of Goods lost or damaged in transit shall be limited to repairing or replacing such Goods.

15. GUARANTEE

- (a) All Goods sold by the Company shall be of satisfactory quality but shall not be sold as fit for any particular purpose unless the Customer shall have informed the Company in writing that it is relying upon the Company's skill and judgment and the Company shall have accepted such stipulation in writing.
- (b) The Company will repair or replace any of the Goods or parts thereof in respect of which any defects arise solely from faulty materials or workmanship or (subject to Clause 6 (Substitution) above) from the Company's failure to supply Goods of the quality or specification ordered provided that such defects are notified to the Company in writing within three months of the date of delivery provided as follows:
 - (i) that in the case of defects which would have been apparent to the Customer on reasonable examination of the Goods on delivery the Customer shall notify the Company of the defects in writing within three days of the date of delivery.
 - (ii) that in the case of any other defects the Customer shall notify the Company of the defects in writing within three days of the date when the defects become apparent and
 - (iii) in respect of 15. (b) (i) and (ii) above, that the defective Goods are promptly returned carriage paid.
- (c) Except insofar as any statute provides to the contrary the undertakings contained in the preceding paragraphs of this Clause are given in lieu of and to the exclusion of all conditions, warranties and representations whether express or implied by statute or otherwise as to the quality of the Goods or their fitness for any particular purpose or otherwise and the Company shall have no liability in respect of the Goods and/or Services save as provided in paragraph (b) of this Clause.

16. LIMITATION OF LIABILITY

- (a) Except as expressly provided in these Conditions, the Company shall not be liable to the Customer by reason of any representation, or any implied warranty, condition or other term, or any duty at common law, or under the express terms of the Contract, for any loss of profit or any indirect, special or consequential loss, damage, costs, expenses or other claims (whether caused by the negligence of the Company, its servants or agents or otherwise) which arise out of or in connection with the provision of the Goods and/or Services or their use by the Customer, and the entire liability of the Company under or in connection with the Contract shall not exceed the amount of the Company's charges for the provision of the Goods and/or Services, except as expressly provided in these Conditions of Sale.
- (b) Nothing in these Conditions of Sale will exclude or limit the Company's liability for death or personal injury caused by its negligence or for fraudulent misrepresentation.

17. INDEMNITY

Except insofar as any statute provides to the contrary, the Company shall not be responsible for any loss or damage suffered by any third party caused directly or indirectly by the Goods and/or Services whether as a result of their operation or use or otherwise and whether as a result of any defect therein or otherwise and the Customer shall indemnify the Company from any claim arising from any such loss or damage.

18. THIRD PARTIES

- (a) Where the Customer is selling on the Goods to others it agrees to pass to those others full and accurate information supplied by the Company concerning the Goods, including without limitation product information, specification, advice as to usage and details of all exclusions and limitations.
- (b) The parties do not intend that any term of the Contract will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.

19. FORCE MAJEURE

The Company will not be liable for any loss or damage sustained by the Customer by reason of act of God, war, riot, fire, strike, lock-out, governmental control or regulation, abnormal weather conditions, accident, breakdown or any other circumstances beyond the Company's control.

20. GENERAL

- (a) The contract shall be governed by English law and the English courts shall have non-exclusive jurisdiction to determine any dispute between the parties in connection with this Contract.
- (b) The Contract constitutes the entire agreement between the parties, supersedes any previous agreement or understanding and may not be varied except as stated herein. All other terms and conditions, express or implied by statute or otherwise, are excluded to the fullest extent permitted by law.
- (c) Any notice required or permitted to be given by either party to the other under these Conditions shall be in writing addressed to the other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving the notice.
- (d) The Customer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Company.
- (e) The Company may at any time assign, transfer, charge, mortgage, subcontract, declare a trust of or deal in any other manner with all or any of its obligations under the Contract to any third party or agent.
- (f) No failure or delay by either party in exercising any of its rights under the Contract shall be deemed to be a waiver of that right, and no waiver by either party of any breach of the Contract by the other shall be considered as a waiver of any subsequent breach of the same or any other provision.
- (g) If any provision of these Conditions is held by any competent authority to be invalid or unenforceable in whole or in part, the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected.



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- ACO Access
 - ACO Building Drainage
 - ACO Water Management
 - Civils + Infrastructure
 - Building + Landscape
 - ACO Sport
 - ACO Wildlife
-

ACO Water Management

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