

Product Guide
Effective from 1st March 2025



P25

ACO Civils + Infrastructure

Drainage solutions for
civil engineering and
infrastructure projects



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Product selector

| | 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 | LOAD CLASS |
|---|--------------------|----------------------|--------------------|-------------|-------------|------------------------------|------------------|-------|-----------------|--------------------|-------------------|---------------------|----------------|------|---|
| PRODUCTS | | | | | | | | | | | | | | | |
| ACO MULTILINE SEALIN* | ✓ | - | ✓ | ✓ | ✓ | - | ✓ | - | - | - | - | - | - | ✓ |  |
| ACO MULTIDRAIN MD SYSTEM* | ✓ | - | ✓ | ✓ | ✓ | - | ✓ | - | - | - | - | - | - | ✓ |  |
| ACO MULTIDRAIN PPD SYSTEM* | ✓ | - | ✓ | ✓ | ✓ | - | ✓ | - | - | - | - | - | - | ✓ |  |
| ACO S RANGE | - | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| ACO MULTISLOT* | - | - | ✓ | ✓ | - | - | - | - | - | - | - | - | - | ✓ |  |
| ACO MONODRAIN* | - | - | ✓ | ✓ | ✓ | - | ✓ | - | - | - | - | - | - | ✓ |  |
| ACO ROADRAIN | - | - | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| ACO H RANGE RD | - | - | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| ACO KERBDRAIN | - | - | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | - | - | ✓ | ✓ |  |
| ACO KERBDRAIN E CLASS | - | - | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | - | - | ✓ | ✓ |  |
| ACO KERBDRAIN CYCLEKERB | - | - | ✓ | ✓ | - | - | - | - | ✓ | - | - | - | ✓ | ✓ |  |
| ACO KERBDRAIN BRIDGEDECK | - | - | - | - | - | - | - | - | ✓ | - | - | - | - | - |  |
| ACO QMAX | - | - | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A |
| ACO Q-CEPTOR | - | - | - | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A |
| ACO STORMSED VORTEX & ACO STORMSED FILTER | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A |
| ACO STORMBRIXX | - | ✓ | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A |
| ACO Q-BRAKE VORTEX | - | - | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A |
| ACO Q-PLATE | - | - | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A |
| ACO SUDS SWALE INLET | - | - | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ | ✓ | ✓ | - | ✓ | ✓ | N/A |

* Not suitable for carriageways of public roads or motorways.

Key:

Load Classes And Typical Uses

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

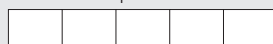
Suitability

✓ Recommended

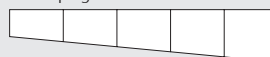
HeelGuard™ grate openings are no more than 10mm to reduce risk of a shoe heel becoming caught in the grate.

Invert Type: The tables for ACO channels list a number associated with the Invert Type. This number highlights the drainage design which can be achieved when using these channels. The key for the Invert channel types is shown below.

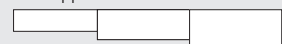
1 – Constant Depth Invert



2 – Sloping Invert



3 – Stepped Invert



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.

In addition, ACO have added the **Rail**, **Sports** and **Wildlife** ranges to this product guide. For Rail please go to page 106. For Sports please go to page 108 and for the Wildlife range go to page 114.



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.

Important information

Compliance documentation for ACO products that are covered by the Construction Products Regulation 2011 (CPR) can be downloaded at [www.aco.co.uk/construction-products-regulation-\(cpr\)](http://www.aco.co.uk/construction-products-regulation-(cpr))



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 Contact Details



Registered office address and contact details

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Tel: **+44(0)1462 816666**

Email: **technologies@aco.co.uk**

www.aco.co.uk

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

Sales Office

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

Tel: **01462 810302**

Email: **customersupport@aco.co.uk**

Project Pricing

A complete pricing service to stockists, contractors and clients.

Tel: **01462 810303**

Email: **awmprojects@aco.co.uk**

Stormwater Management

Dedicated stormwater management team for all commercial and technical queries.

Tel: **01462 801304**

Email: **uk-swc@aco.co.uk**

Design Services Team

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

Tel: **01462 810301**

Email: **technical@aco.co.uk**

For any stormwater control product technical queries please email **suds@aco.co.uk**

Product Training ACO Academy

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 either online, at branch or at the ACO Academy, Shefford

Tel: **01462 816666**

Email: **academy@aco.co.uk**

Marketing & Media Support

For all product brochures and imagery.

Tel: **01462 816666**

Email: **marketing@aco.co.uk**

ACO Merchant Zone: **www.aco.co.uk/merchant-zone**

ACO Civils + Infrastructure Lead Times and Delivery Charges

Effective from 1st March 2025

Deliveries

| Product | Lead Time | Stock Yard Deliveries – Minimum Order Value | Site Delivery – Minimum Order Value |
|---------|-----------|---|-------------------------------------|
|---------|-----------|---|-------------------------------------|

Core Stock Products

| | | | |
|--|--------|---|--|
| MultiDrain® M100D channels and gratings | 4 Days | <ul style="list-style-type: none"> ▪ > £2,250 nett. Full packs only. ▪ A charge of £250 applies for orders or call-offs below £2,250 nett. | <ul style="list-style-type: none"> ▪ > £5,500 nett. ▪ A charge of £250 applies for orders or call-offs below £5,500 nett. |
| MultiDrain® M150D and M200D channels and gratings* | | | |
| S100 1-20 constant and sloping channels | | | |
| All accessories for above products can be ordered separately | | | |

Non Core Stock Products

| | | | |
|--|-------------------------------------|---|---|
| MultiDrain® M100PPD/M150PPD/M200PPD channels | 4 Days | | |
| MonoDrain™ PD100D/PD150D (black) | | | |
| RoadDrain® 100 | | | |
| KerbDrain® | | | |
| MultiDrain® M100D Channel Footpath Drainage | 10 Days | | |
| MultiDrain® M100D/M100PPD, M150D/M150PPD and M200D/M200PPD galvanised Brickslot ST gratings* | | | |
| S100 21-30 constant and sloping channels, S150, S200, S300 | | | |
| RoadDrain® 200 | | <ul style="list-style-type: none">■ > £2,250 nett. Full packs only. | <ul style="list-style-type: none">■ > £5,500 nett. |
| Polymer concrete repair kit | | <ul style="list-style-type: none">■ A charge of £125 applies for orders or call-offs below £2,250 nett. | <ul style="list-style-type: none">■ A charge of £125 applies for orders or call-offs below £5,500 nett. |
| Multiline Sealin | Call sales office for best delivery | | |
| Multislot | | | |
| KerbDrain® E Class and E+ Class | | | |
| KerbDrain® CycleKerb | | | |
| KerbDrain® BridgeDeck | | | |
| Qmax® and Qmax® accessories | | | |
| MonoDrain™ PD100D/PD150D (natural, grey) | | | |
| H Range | | | |
| SuDS Swale Inlet | | | |

Non Core Stock Products (Stormwater Control)

| | | | |
|-------------------------------------|--|---|---|
| Q-Ceptor | Call sales office for best delivery | ■ No minimum order value. | ■ No minimum order value. |
| StormSed Vortex and StormSed Filter | | | |
| Q-Brake Vortex and Q-Plate | | | |
| QuadraCeptor | | | |
| Q-Chamber | | | |
| V-Septor | | | |
| StormBrixx | | ■ A charge of £250 applies for orders or call-offs below £5,500 nett | ■ A charge of £250 applies for orders or call-offs below £5,500 nett |
| Separator Alarms | | ■ A charge of £50 applies for orders or call-offs below £250 nett | ■ A charge of £50 applies for orders or call-offs below £250 nett |

Other Products

| | | | |
|---|-------------------------------------|--|--|
| MultiDrain® M100DS / M150DS / M200DS channels and gratings (inc. Stainless steel Brickslot ST gratings) | Call sales office for best delivery | <ul style="list-style-type: none"> ■ > £2,250 nett. ■ A charge of £150 applies for orders or call-offs below £2,250 nett. | <ul style="list-style-type: none"> ■ > £5,500 nett. ■ A charge of £150 applies for orders or call-offs below £5,500 nett. |
| Gratings to special order | | | |
| Rail | | | |
| Sport | | | |
| Combipoint SSA, Infiltration Channel Outlets, Overflow Gullies | | <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. |
| 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). This document refers to Scotland excluding post code areas IV, KW, AB, HS and ZE, for these post codes please contact the Sales Office | | | | | |
| Pack Quantities | Minimum recommended order quantities are shown against individual products in this price list. | | | | | |
| Customer Orders | 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. 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. | | | | | |
| Order Amendments and Cancellations | Order amendments and cancellations must be received in writing. Cancellations or amendments requested the day prior to despatch up to 10am will incur charges of £25 per pallet/package. Cancellations or amendments after 10am on the date prior to despatch will incur a 35% administration and restocking fee as the order will have been processed. Delivery refusals will incur a return carriage charge and if applicable a 35% administration and restocking fee. Fees are based on order values. | | | | | |
| 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 £250.00 for core stock products and £125.00 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.

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.

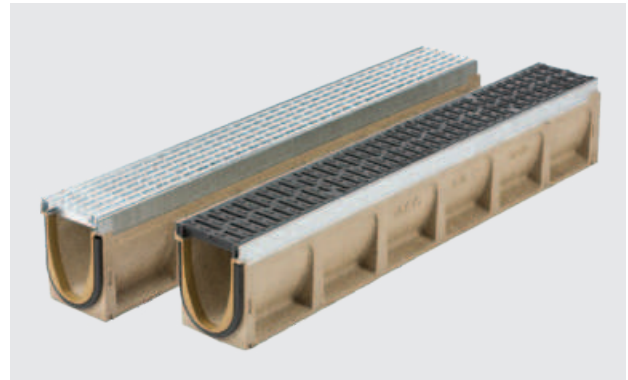
This document is in addition to our standard Conditions of Sale which can be found at the back of this product guide or on the ACO website www.aco.co.uk. Further copies are also available from the Sales Office. To contact the Sales Office please call 01462 816666.

ACO Multiline Sealin

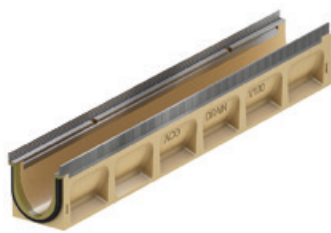
Suitable for load class applications A 15, B 125, C 250, D 400†

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.

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



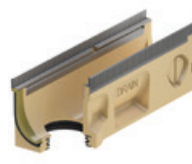
| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|------------------------------|----------------|--------------------------|--------------------------|----------------|------------------|--------------|
| ACO Multiline Sealin polymer concrete constant depth channels, 1000mm galvanised steel rail | | | | | | | |
| 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 polymer concrete constant depth channels, 500mm galvanised steel rail | | | | | | | |
| 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 polymer concrete constant depth channels with vertical outlet, 500mm galvanised steel rail | | | | | | | |
| 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 polymer concrete sloping depth channels, 1000mm galvanised steel rail | | | | | | | |
| 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 |



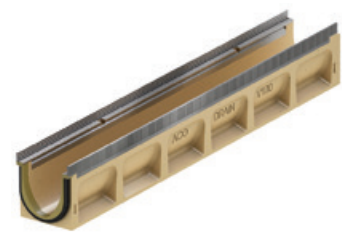
132330



132332



132333



132301

† Not suitable for carriageways of public roads or motorways.

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

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 62.

| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| ACO Multiline Sealin polymer concrete step channel, galvanised steel rail | | | | | | | |
| 132375 | Step unit channel 10-20 | 500 | 135 | 250 | 15.0 | 6 | Call sales |
| ACO Multiline Sealin sump unit with galvanised steel rail | | | | | | | |
| 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 |
| Accessories | | | | | | | |
| 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 |
| 132378 | Vertical silt basket for use with Ø110mm pipe | - | - | - | 0.3 | 1 | Call sales |
| 01498 | Replacement sump bucket, black polypropylene | - | - | - | - | 1 | Call sales |
| 32599 | Polymer concrete repair kit + | - | - | - | 1.0 | 1 | 10 days |



132375



132391



132846



132723



132756



32599

✦ 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

ACO MultiDrain® M100D

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

ACO MultiDrain® M100D general purpose channel drainage system. All channels are manufactured from a polymeric based 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.



| Product Code | Description | Length | Width Overall | Depth Overall | Invert | Invert Type | Weight | Pack Quantity | Lead Time |
|---|-----------------|--------|---------------|---------------|---------|-------------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [mm] | | [kg] | | |
| ACO M100D polymer concrete constant and sloping depth channels | | | | | | | | | |
| 23000 | M100D No. 0.0* | 1000 | 135 | 150 | 130 | 1/3 | 13.5 | 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 | 13.4 | 16 | 4 days |
| 23002 | M100D No. 2 | 1000 | 135 | 155/160 | 135/140 | 2 | 13.6 | 16 | 4 days |
| 23003 | M100D No. 3 | 1000 | 135 | 160/165 | 140/145 | 2 | 13.9 | 16 | 4 days |
| 23004 | M100D No. 4 | 1000 | 135 | 165/170 | 145/150 | 2 | 14.1 | 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 | 14.4 | 16 | 4 days |
| 23007 | M100D No. 7 | 1000 | 135 | 180/185 | 160/165 | 2 | 14.6 | 16 | 4 days |
| 23008 | M100D No. 8 | 1000 | 135 | 185/190 | 165/170 | 2 | 15.1 | 16 | 4 days |
| 23009 | M100D No. 9 | 1000 | 135 | 190/195 | 170/175 | 2 | 15.5 | 16 | 4 days |
| 23010 | M100D No.10 | 1000 | 135 | 195/200 | 175/180 | 2 | 16.1 | 16 | 4 days |
| 23100 | M100D No.10.0* | 1000 | 135 | 200 | 180 | 1/3 | 16.3 | 40 | 4 days |
| 23101 | M100D No.10.1J* | 500 | 135 | 200 | 180 | 1/3 | 9.3 | 16 | 4 days |
| 23011 | M100D No.11 | 1000 | 135 | 200/205 | 180/185 | 2 | 16.7 | 16 | 4 days |
| 23012 | M100D No.12 | 1000 | 135 | 205/210 | 185/190 | 2 | 17.1 | 16 | 4 days |
| 23013 | M100D No.13 | 1000 | 135 | 210/215 | 190/195 | 2 | 17.0 | 16 | 4 days |
| 23014 | M100D No.14 | 1000 | 135 | 215/220 | 195/200 | 2 | 16.9 | 16 | 4 days |
| 23015 | M100D No.15 | 1000 | 135 | 220/225 | 200/205 | 2 | 17.3 | 16 | 4 days |
| 23016 | M100D No.16 | 1000 | 135 | 225/230 | 205/210 | 2 | 18.2 | 16 | 4 days |
| 23017 | M100D No.17 | 1000 | 135 | 230/235 | 210/215 | 2 | 18.5 | 16 | 4 days |
| 23018 | M100D No.18 | 1000 | 135 | 235/240 | 215/220 | 2 | 18.7 | 16 | 4 days |
| 23019 | M100D No.19 | 1000 | 135 | 240/245 | 220/225 | 2 | 19.1 | 16 | 4 days |
| 23020 | M100D No.20 | 1000 | 135 | 245/250 | 225/230 | 2 | 19.5 | 16 | 4 days |
| 23200 | M100D No.20.0* | 1000 | 135 | 250 | 230 | 1/3 | 21.7 | 32 | 4 days |
| 23201 | M100D No.20.1J* | 500 | 135 | 250 | 230 | 1/3 | 11.0 | 16 | 4 days |
| 23300 | M100D No.30.0* | 1000 | 135 | 300 | 280 | 1/3 | 26.2 | 32 | 4 days |
| 23301 | M100D No.30.1J* | 500 | 135 | 300 | 280 | 1/3 | 12.5 | 16 | 4 days |



23000



23050

† Not suitable for carriageways of public roads or motorways.

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

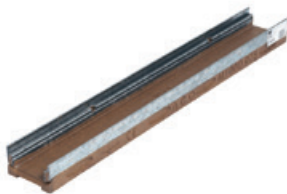
* Indicates channels supplied with a preformed Ø110mm knockout for vertical outlet.

Note: Gratings supplied separately, please refer to pages 13 and 14. ACO Brickslot ST galvanised steel gratings also available for this channel system, please see page 15. For gully details please refer to page 62. Channels shaded in grey are constant depth channels.

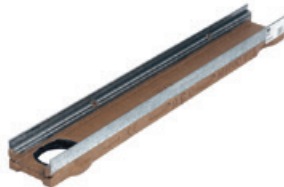
| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|------------|
| ACO M100D polymer concrete constant depth shallow channels | | | | | | | | | |
| 23075 | M100D No. 075 | 1000 | 135 | 75 | 55 | 1 | 9.4 | 40 | 4 days |
| 23076 | M100D No. 075V | 1000 | 135 | 75 | 55 | 1 | 7.4 | 40 | 4 days |
| 23110 | M100D No. 0100 | 1000 | 135 | 100 | 80 | 1 | 11.1 | 40 | 4 days |
| 23111 | M100D No. 0100V | 1000 | 135 | 100 | 80 | 1 | 9.1 | 40 | 4 days |
| ACO M100D step connector for stepped drainage systems | | | | | | | | | |
| 12601 | M100D 123 50mm step connector | - | - | - | - | - | 0.4 | 10 | 4 days |
| ACO M100D multifunctional end cap (closing/inlet/outlet) | | | | | | | | | |
| 23404 | M100D 306 multifunctional end cap | - | - | - | - | - | 0.2 | 25 | 4 days |
| ACO M100D sump unit with UltraSTEEL™ galvanised protective edge rail and ACO vertical silt basket | | | | | | | | | |
| 23410 | M100D universal sump with plastic silt bucket | 500 | 135 | 635 | 615 | - | 32.5 | 8 | 4 days |
| 132378 | Vertical silt basket for use with Ø110mm pipe | 95 | 125 | 76 | - | - | 0.3 | 1 | Call sales |

Accessories

Please see page 20.



23075



23076



12601



23404



23410

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

Note: Gratings supplied separately, please refer to pages 13 and 14. ACO Brickslot ST galvanised steel gratings also available for this channel system, please see page 15.

ACO MultiDrain® M100PPD

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

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.

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



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO M100PPD recycled polypropylene constant depth channel | | | | | | | | | |
| 11100 | M100PPD No.0.0J* | 1000 | 142 | 150 | 125 | 1 | 3.5 | 60 | 4 days |
| ACO M100PPD recycled polypropylene shallow constant depth channels | | | | | | | | | |
| 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 closing end caps | | | | | | | | | |
| 11085 | ACO M100PPD shallow channel universal end cap | 11 | 1.38 | 105 | - | - | 0.10 | 10 | 4 days |
| 11086 | ACO M100PPD universal closing end cap | 11 | 1.38 | 105 | - | - | 0.10 | 10 | 4 days |
| ACO M100PPD sump unit | | | | | | | | | |
| 11385 | Black plastic sump unit assembly c/w silt bucket†† | - | Ø160 | 510 | - | - | 3.0 | 5 | 4 days |
| Accessories | | | | | | | | | |
| 11087 | M100PPD/HexDrain® PRO Horizontal outlet 0.0 Ø110mm | 65 | Ø110 | 150 | - | - | 0.1 | 5 | 4 days |
| 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 |



11100



11104



11086



11085



11087



11285



11286



11191



11192

* 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 13 and 14. ACO Brickslot ST galvanised steel gratings also available for this channel system, please see page 15. For gully details please refer to page 62. For downpipe connectors see page 21.

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

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.



| Product Code | Description | | Length [mm] | Width Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|-----|----------------|--------------------------|-----------------------|----------------|------------------|--------------|
| Gratings for Load Class A 15 applications | | | | | | | | |
| 12610 | Slotted galvanised steel grate | ↗ | 1000 | 123 | 10 | 2.0 | 200 | 4 days |
| 12611 | Slotted galvanised steel grate | ↗ | 500 | 123 | 10 | 1.0 | 200 | 4 days |
| 12666 | Perforated galvanised steel grate | ↗ | 1000 | 123 | 6 | 2.6 | 200 | 4 days |
| 12667 | Perforated galvanised steel grate | ↗ | 500 | 123 | 6 | 1.3 | 200 | 4 days |
| Grating for Load Class B 125 applications | | | | | | | | |
| 132555 | Intercept-Profile galvanised steel grate | ⚙ ↗ | 1000 | 123 | 8 | 4.1 | 100 | 4 days |
| 132550 | Intercept-Profile galvanised steel grate | ⚙ ↗ | 500 | 123 | 8 | 2.0 | 100 | 4 days |
| Gratings for Load Class C 250 applications | | | | | | | | |
| 132720 | HeelGuard™ composite - black grate | ⚙ ↗ | 500 | 123 | 8 | 1.0 | 204 | 4 days |
| 12614 | Slotted galvanised steel grate | ↗ | 1000 | 123 | 10 | 5.0 | 200 | 4 days |
| 12615 | Slotted galvanised steel grate | ↗ | 500 | 123 | 10 | 2.5 | 200 | 4 days |
| 12656 | Perforated galvanised steel grate | ↗ | 1000 | 123 | 6 | 4.8 | 200 | 4 days |
| 12657 | Perforated galvanised steel grate | ↗ | 500 | 123 | 6 | 2.4 | 200 | 4 days |
| 132880 | HeelGuard™ mesh galvanised steel grate | ⚙ ↗ | 1000 | 123 | 9.5 | 4.2 | 200 | 4 days |
| 132881 | HeelGuard™ mesh galvanised steel grate | ⚙ ↗ | 500 | 123 | 9.5 | 2.1 | 200 | 4 days |



12610 / 12611



12666 / 12667



132555 / 132550



132720



12614 / 12615



12656 / 12657



132880 / 132881

† 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 15. See page 38 for grating accessories.

| Product Code | Description | | Length [mm] | Width Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----|----------------|--------------------------|-----------------------|----------------|------------------|--------------|
| Gratings for Load Class D 400† applications | | | | | | | | |
| 23405 | HeelGuard™ ductile iron grate | ⚙️ | 500 | 123 | 8 | 4.1 | 200 | 4 days |
| 23510 | HeelGuard™ Intercept ductile iron grate | ↗️ | 500 | 123 | 10 | 3.7 | 200 | 4 days |
| 23511 | HeelGuard™ 6mm Rail Intercept, ductile iron grate | ⚙️ | 500 | 123 | 6 | 4.0 | 200 | Call sales |
| 23406 | Ductile iron solid cover grate | ↗️ | 500 | 123 | n/a | 4.5 | 200 | 4 days |
| 23408 | Slotted ductile iron grate | | 500 | 123 | 12 | 3.8 | 200 | 4 days |
| 132042 | Flag ductile iron grate | ↗️ | 500 | 123 | 8 | 4.9 | 200 | Call sales |
| 132043 | Leaf ductile iron grate | ↗️ | 500 | 123 | 10 | 4.7 | 200 | Call sales |
| 132885 | HeelGuard™ mesh galvanised steel grate | ⚙️ | 1000 | 123 | 8.5 | 5.1 | 100 | 4 days |
| 132886 | HeelGuard™ mesh galvanised steel grate | ⚙️ | 500 | 123 | 8.5 | 2.5 | 100 | 4 days |

ACO ATec high performance finish

ACO ATec 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 ACO 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.

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

| | | | | | | | | |
|-------|---|----|-----|-----|----|-----|-----|--------|
| 23409 | ATec coated HeelGuard™ ductile iron grate | ⚙️ | 500 | 123 | 8 | 4.1 | 200 | 4 days |
| 23417 | ATec mosaic ductile iron grate | ⚙️ | 500 | 123 | 10 | 4.1 | 200 | 4 days |



23405



23510



23511



23406



23408



132042



132043



132885/132886



23409



23417

† Not suitable for carriageways of public roads or motorways.

⚙️ Indicates security locking feature is available.

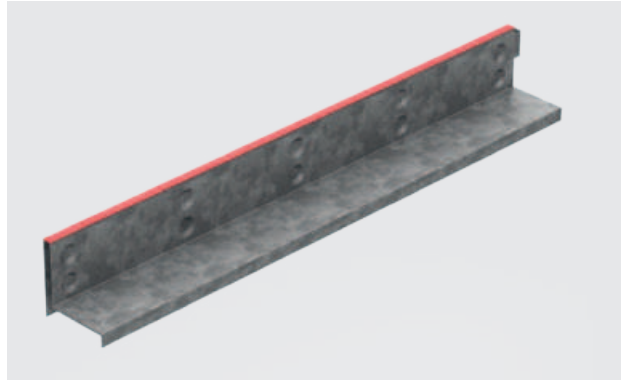
↗️ HeelGuard™ grating.

Note: ACO Brickslot ST galvanised gratings also available for this channel system, please see page 15. See page 38 for grating accessories.

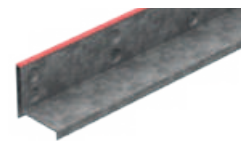
ACO MultiDrain® M100D / M100PPD galvanised steel Brickslot ST gratings

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

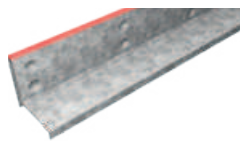
A range of galvanised steel discreet slot drainage gratings and access units for use with ACO MultiDrain® M100D channels with UltraSTEEL™ galvanised steel protective edge rail and ACO MultiDrain® M100PPD channels with galvanised steel protective edge rail. The offset grating has a 10mm HeelGuard™ drainage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



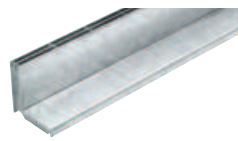
| Product Code | Description | | Length [mm] | Width Overall [mm] | Slot Width [mm] | Upstand [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|---|----------------|--------------------------|-----------------------|-----------------|----------------|------------------|--------------|
| Gratings for Load Class C 250 applications | | | | | | | | | |
| 445598 | Brickslot ST galvanised steel grate | ↗ | 1000 | 123 | 10 | 105 | 5.1 | 72 | 10 days |
| 445599 | Brickslot ST galvanised steel grate | ↗ | 500 | 123 | 10 | 105 | 2.6 | 100 | 10 days |
| Access units for Load Class C 250 applications | | | | | | | | | |
| 445603 | Brickslot ST access unit galvanised steel | ↗ | 500 | 123 | 10 | 105 | 5.4 | 60 | 10 days |
| Gratings for Load Class D 400† applications | | | | | | | | | |
| 446015 | Brickslot ST galvanised steel grate | ↗ | 1000 | 123 | 10 | 105 | 7.1 | 60 | 10 days |
| 446016 | Brickslot ST galvanised steel grate | ↗ | 500 | 123 | 10 | 105 | 3.7 | 100 | 10 days |
| 23480 | Twinslot offset galvanised steel grate | ↗ | 1000 | 123 | 2 x 8 | 105 | 12.9 | 72 | 10 days |
| 23481 | Twinslot offset galvanised steel grate | ↗ | 500 | 123 | 2 x 8 | 105 | 6.1 | 108 | 10 days |
| 23483 | Twinslot central galvanised steel grate | ↗ | 1000 | 123 | 2 x 8 | 105 | 12.5 | 68 | 10 days |
| 23484 | Twinslot central galvanised steel grate | ↗ | 500 | 123 | 2 x 8 | 105 | 7.0 | 136 | 10 days |
| Access units for Load Class D 400† applications | | | | | | | | | |
| 446017 | Brickslot ST access unit galvanised steel | ↗ | 500 | 123 | 10 | 105 | 7.2 | 60 | 10 days |
| 23482 | Twinslot offset access unit galvanised steel | ↗ | 500 | 123 | 2 x 8 | 105 | 8.1 | 72 | 10 days |
| 23485 | Twinslot central access unit galvanised steel | ↗ | 500 | 123 | 2 x 8 | 105 | 8.2 | 54 | 10 days |



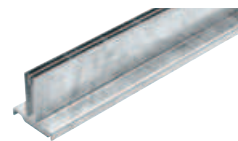
445598 / 445599



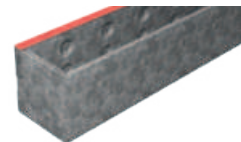
446015 / 446016



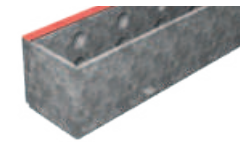
23480 / 23481**



23483 / 23484



445603



446017

† Not suitable for carriageways of public roads or motorways.

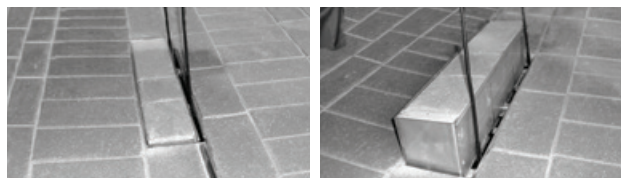
↗ HeelGuard™ grating.

** D400 Twinslot not supplied with protective edge rail

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 38.

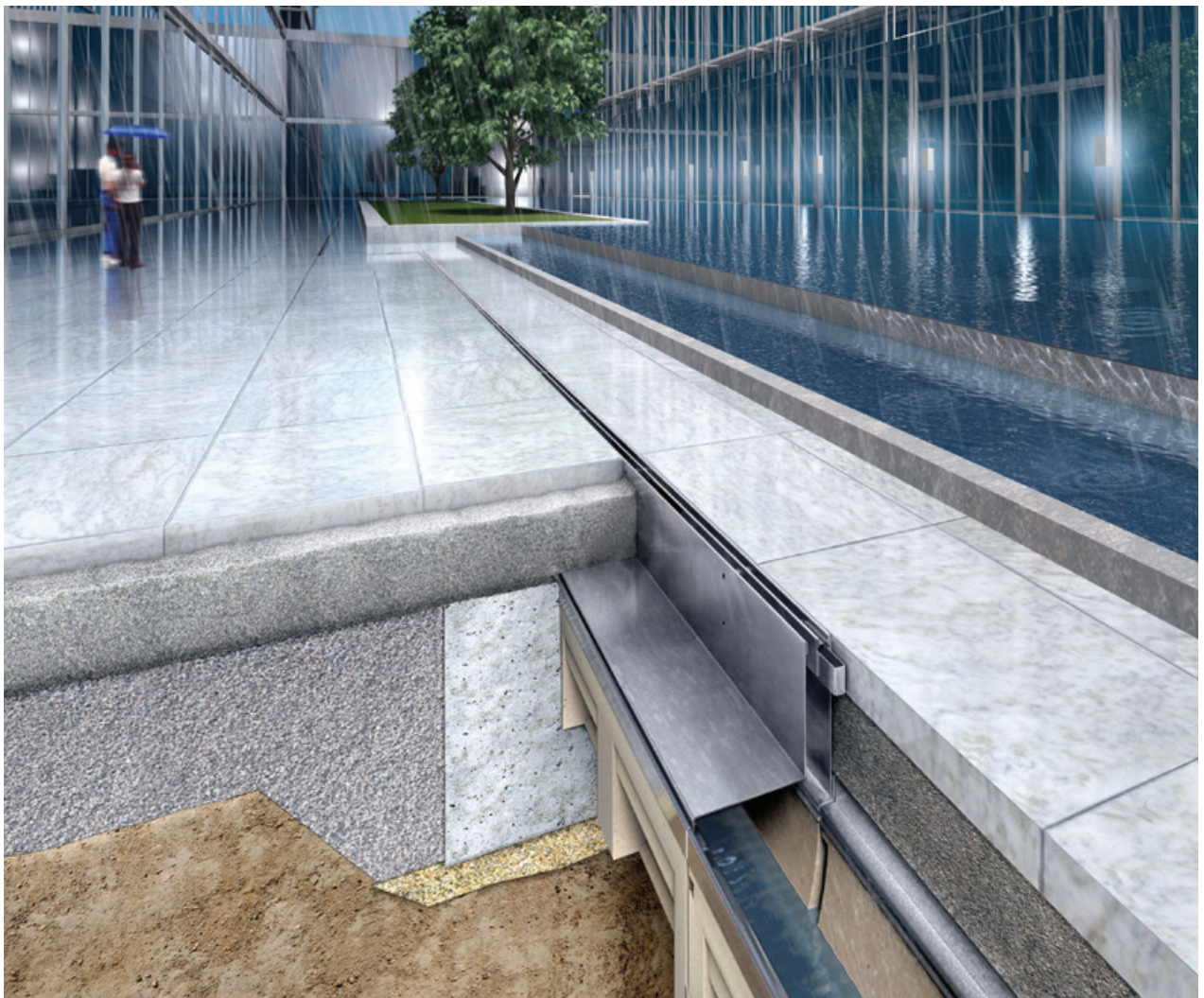


ACO MultiDrain® Brickslot

These discreet drainage covers provide an excellent solution for those seeking an aesthetically pleasing drainage option. Compatible with our MultiDrain and Multiline ranges, the Brickslot offers a wide variety of options, including bespoke designs, allowing it to be tailored to the specific needs of each project.



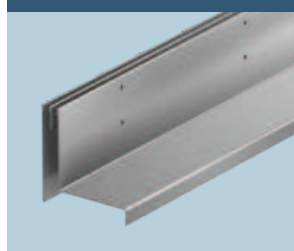
For more information
scan the QR code.



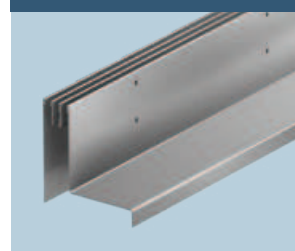
**ACO MultiDrain® Brickslot
SINGLE**



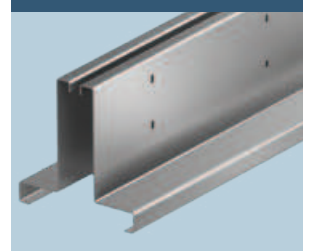
**ACO MultiDrain® Brickslot
TWIN**



**ACO MultiDrain® Brickslot
TRIPLE**



**ACO MultiDrain® Brickslot
STRIP**



ACO MultiDrain® M100DS

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

ACO MultiDrain® M100DS general purpose channel drainage system. All channels are manufactured from a polymeric based 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.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|------------|
| ACO M100D polymer concrete constant depth shallow channels | | | | | | | | | |
| 24000 | M100DS No.0.0* | 1000 | 135 | 150 | 130 | 1/3 | 15.3 | 40 | Call sales |
| 24050 | M100DS No.0.1J* | 500 | 135 | 150 | 130 | 1/3 | 8.8 | 16 | Call sales |
| 24100 | M100DS No.10.0* | 1000 | 135 | 200 | 180 | 1/3 | 18.2 | 40 | Call sales |
| 24101 | M100DS No.10.1J* | 500 | 135 | 200 | 180 | 1/3 | 10.4 | 16 | Call sales |
| 24200 | M100DS No.20.0* | 1000 | 135 | 250 | 230 | 1/3 | 21.8 | 32 | Call sales |
| 24201 | M100DS No.20.1J* | 500 | 135 | 250 | 230 | 1/3 | 12.0 | 16 | Call sales |
| ACO M100DS polymer concrete constant depth shallow channels | | | | | | | | | |
| 24075 | M100DS No. 075 | 1000 | 135 | 75 | 55 | 1 | 11.1 | 40 | Call sales |
| 24076 | M100DS No. 075V | 1000 | 135 | 75 | 55 | 1 | 7.4 | 40 | Call sales |
| 24110 | M100DS No. 0100 | 1000 | 135 | 100 | 80 | 1 | 12.9 | 40 | Call sales |
| 24111 | M100DS No. 0100V | 1000 | 135 | 100 | 80 | 1 | 9.2 | 40 | Call sales |
| M100DS step connector for step drainage systems | | | | | | | | | |
| 12601 | M100DS 123 50mm step connector | - | - | - | - | - | 0.2 | 10 | 4 days |
| M100DS multifunctional end cap (closing/inlet/outlet) | | | | | | | | | |
| 23404 | M100DS 306 multifunctional end cap | - | - | - | - | - | 0.2 | 25 | 4 days |
| ACO M100DS sump unit with stainless steel protective edge rail | | | | | | | | | |
| 24410 | ACO M100DS universal sump with plastic silt bucket | 500 | 135 | 635 | 615 | | 32.5 | 8 | Call sales |

Accessories

Please see page 20.



24000



24075



12601



23404



24410

† Not suitable for carriageways of public roads or motorways.

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.

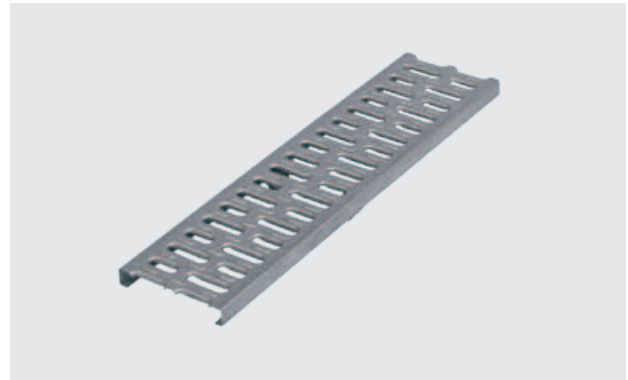
* Indicates channels supplied with a preformed Ø110mm knockout for vertical outlet.

Note: Gratings supplied separately please refer to page 18. ACO Brickslot ST stainless steel gratings also available for this channel system please see page 19. For gully details please refer to page 62. The protective edge rails used on these channels are manufactured from Grade 304 stainless steel.

Gratings for use with ACO MultiDrain® M100DS channels

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

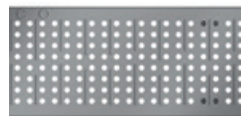
ACO Drainlock™ gratings for use with the ACO MultiDrain® M100DS channels with stainless steel protective edge rail.



| Product Code | Description | | Length [mm] | Width Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|-----|----------------|--------------------------|-----------------------|----------------|------------------|--------------|
| Gratings for Load Class A 15 applications | | | | | | | | |
| 12640 | Slotted stainless steel grate | ↗ | 1000 | 123 | 10 | 2.0 | 200 | Call sales |
| 12641 | Slotted stainless steel grate | ↗ | 500 | 123 | 10 | 1.0 | 200 | Call sales |
| 12664 | Perforated stainless steel grate | ↗ | 1000 | 123 | 6 | 2.6 | 200 | Call sales |
| 12665 | Perforated stainless steel grate | ↗ | 500 | 123 | 6 | 1.3 | 200 | Call sales |
| Grating for Load Class B 125 applications | | | | | | | | |
| 132557 | Intercept-Bar stainless steel grate | ⚙ ↗ | 1000 | 123 | 6 | 3.8 | 100 | Call sales |
| 132552 | Intercept-Bar stainless steel grate | ⚙ ↗ | 500 | 123 | 6 | 1.9 | 100 | Call sales |
| 132556 | Intercept-Profile stainless steel grate | ⚙ ↗ | 1000 | 123 | 8 | 3.7 | 100 | Call sales |
| 132551 | Intercept-Profile stainless steel grate | ⚙ ↗ | 500 | 123 | 8 | 1.9 | 100 | Call sales |
| Gratings for Load Class C 250 applications | | | | | | | | |
| 12644 | Slotted stainless steel grate | ↗ | 1000 | 123 | 10 | 5.0 | 200 | Call sales |
| 12645 | Slotted stainless steel grate | ↗ | 500 | 123 | 10 | 2.5 | 200 | Call sales |
| 12654 | Perforated stainless steel grate | ↗ | 1000 | 123 | 6 | 4.8 | 200 | Call sales |
| 12655 | Perforated stainless steel grate | ↗ | 500 | 123 | 6 | 2.4 | 200 | Call sales |
| 132882 | HeelGuard™ mesh stainless steel grate | ⚙ ↗ | 1000 | 123 | 9.5 | 4.2 | 100 | Call sales |
| 132883 | HeelGuard™ mesh stainless steel grate | ⚙ ↗ | 500 | 123 | 9.5 | 2.1 | 100 | Call sales |
| Gratings for Load Class D 400† applications | | | | | | | | |
| 132887 | HeelGuard™ mesh stainless steel grate | ⚙ ↗ | 1000 | 123 | 8.5 | 5.2 | 100 | Call sales |
| 132888 | HeelGuard™ mesh stainless steel grate | ⚙ ↗ | 500 | 123 | 8.5 | 2.5 | 100 | Call sales |



12640 / 12641



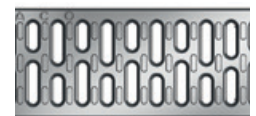
12664 / 12665



132557 / 132552



132556 / 132551



12644 / 12645



12654 / 12655



132882 / 132883



132887 / 132888

† Not suitable for carriageways of public roads or motorways.

⚙ Indicates security locking feature is available.

↗ HeelGuard™ grating.

See page 38 for grating accessories.

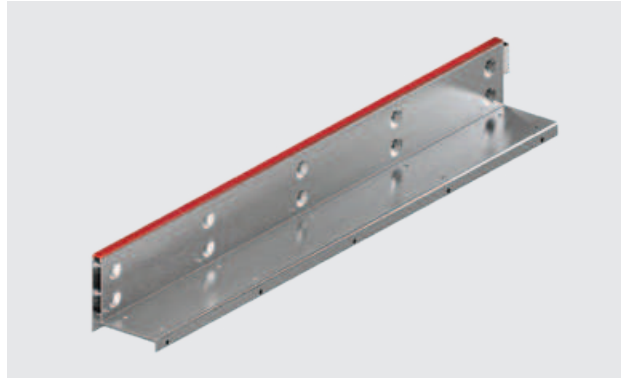
Note: ACO MultiDrain® MD stainless steel gratings are manufactured from Grade 304 stainless steel and are fitted with ACO Drainlock™ as standard.

ACO Brickslot ST Stainless Steel gratings also available for this channel system please see page 19.

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

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

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.



| Product Code | Description | | Length [mm] | Width Overall [mm] | Upstand [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|---|----------------|--------------------------|-----------------|-----------------------|----------------|------------------|--------------|
| Gratings for Load Class D 400† applications | | | | | | | | | |
| 446018 | Brickslot ST stainless steel | ↗ | 1000 | 123 | 105 | 10 | 7.2 | 72 | Call sales |
| 446019 | Brickslot ST stainless steel | ↗ | 500 | 123 | 105 | 10 | 3.7 | 100 | Call sales |
| 23490 | Twinslot offset stainless steel | ↗ | 1000 | 123 | 105 | 2 x 8 | 13.0 | 72 | Call sales |
| 23491 | Twinslot offset stainless steel | ↗ | 500 | 123 | 105 | 2 x 8 | 6.5 | 108 | Call sales |
| 23493 | Twinslot central stainless steel | ↗ | 1000 | 123 | 105 | 2 x 8 | 11.7 | 68 | Call sales |
| 23494 | Twinslot central stainless steel | ↗ | 500 | 123 | 105 | 2 x 8 | 5.8 | 136 | Call sales |
| Access units for Load Class D 400† applications | | | | | | | | | |
| 446020 | Brickslot ST access unit stainless steel | ↗ | 500 | 123 | 105 | 10 | 7.2 | 60 | Call sales |
| 23492 | Twinslot offset access unit stainless steel | ↗ | 500 | 123 | 105 | 2 x 8 | 11.3 | 72 | Call sales |
| 23495 | Twinslot central access unit stainless steel | ↗ | 500 | 123 | 105 | 2 x 8 | 14.2 | 54 | Call sales |



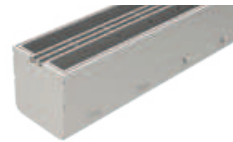
446018 / 446019



23493 / 23494



446020



23495

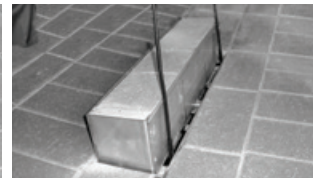
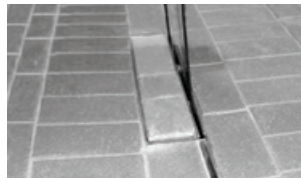
† Not suitable for carriageways of public roads or motorways.

↗ 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 17.

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 38.



ACO MultiDrain® Accessories

| Product Code | Description | Weight [kg] | Pack Quantity | Lead Time |
|--------------------|---|-------------|---------------|------------|
| Accessories | | | | |
| 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 |
| 01498 | Replacement sump bucket, black polypropylene (M100D/M100DS) | 0.3 | 1 | Call sales |
| 32599 | Polymer concrete repair kit † | 1.0 | 1 | 10 days |



0056



0058



2640



2638



7931



7932



32599

† 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 MultiDrain Channel Footpath Drainage and Downpipe connectors

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

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



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Weight [kg] | Pack Quantity | Lead Time |
|----------------------------|----------------------------------|-------------|--------------------|--------------------|-------------|-------------|---------------|-----------|
| Downpipe connectors | | | | | | | | |
| 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 |
| Kerb outlets | | | | | | | | |
| 23452 | CFD Kerb outlet half batter grey | 125 | 135 | 225 | - | 6.8 | 78 | 10 days |
| 23453 | CFD Kerb outlet bullnose grey | 125 | 135 | 225 | - | 7.1 | 78 | 10 days |

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

| | | | | | | | | |
|-------|--------------------------------------|-----|-----|----|---|------|---|---------|
| 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 |

Grey polymer concrete downpipe connectors

| | | | | | | | | |
|-------|--------------------------------------|-----|-----|----|---|------|---|---------|
| 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 |

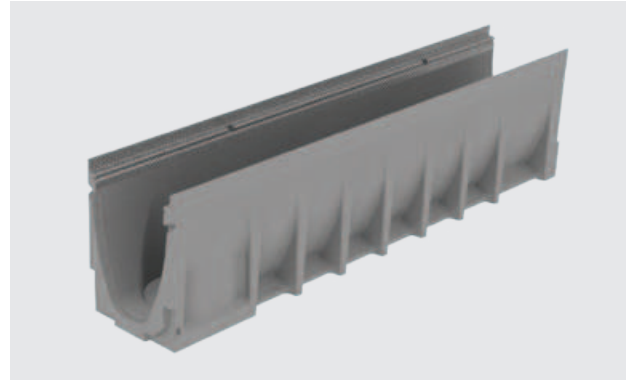


* Also compatible with HexDrain Pro and CivicDrain.

ACO MultiDrain® M150D

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

ACO MultiDrain® M150D general purpose channel drainage system. All channels are manufactured from a polymeric based 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.



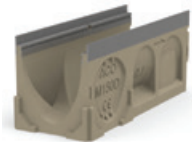
| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|------------|
| ACO M150D polymer concrete constant depth channels | | | | | | | | | |
| 23150 | M150D No. 0.0* | 1000 | 185 | 210 | 185 | 1/3 | 23.4 | 24 | Call sales |
| 23153 | M150D No. 0.1J* | 500 | 185 | 210 | 185 | 1/3 | 12.5 | 12 | Call sales |
| 23151 | M150D No. 10.0* | 1000 | 185 | 260 | 235 | 1/3 | 26.6 | 24 | Call sales |
| 23154 | M150D No. 10.1J* | 500 | 185 | 260 | 235 | 1/3 | 14.4 | 12 | Call sales |
| 23152 | M150D No. 20.0* | 1000 | 185 | 310 | 285 | 1/3 | 30.0 | 18 | Call sales |
| 23155 | M150D No. 20.1J* | 500 | 185 | 310 | 285 | 1/3 | 16.2 | 12 | Call sales |
| ACO M150D polymer concrete constant depth shallow channels | | | | | | | | | |
| 23156 | M150D No. 0100 | 1000 | 185 | 100 | 75 | 1 | 15.8 | 24 | 4 days |
| 23157 | M150D No. 0100V | 1000 | 185 | 100 | 75 | 1 | 12.7 | 24 | 4 days |
| ACO M150D step connector for stepped drainage systems | | | | | | | | | |
| 13001 | M150D 123 50mm step connector | - | - | - | - | - | 0.5 | 10 | 4 days |
| ACO M150D multifunctional end cap (closing/inlet/outlet) | | | | | | | | | |
| 23159 | M150D 306 multifunctional end cap | - | - | - | - | - | 0.3 | 10 | 4 days |
| ACO M150D sump unit with UltraSTEEL™ galvanised steel protective edge rail | | | | | | | | | |
| 23158 | M150D universal sump with plastic silt bucket | 500 | 185 | 735 | 715 | - | 43.4 | 6 | 4 days |
| 13999 | Replacement plastic sump bucket | - | 130 | 284 | - | - | 0.53 | 1 | Call sales |

Accessories

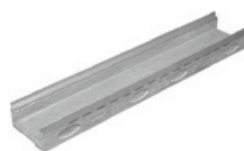
Please see page 20.



23150



23153



23156



23157

† Not suitable for carriageways of public roads or motorways.

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.

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

Note: Gratings supplied separately please refer to page 24. ACO BricksloT ST galvanised steel gratings also available for this channel system please see page 25. For gully details please refer to page 62.

ACO MultiDrain® M150PPD

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

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.

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



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO M150PPD recycled polypropylene constant depth channel | | | | | | | | | |
| 11111 | M150PPD No. 0.0)* | 1000 | 188 | 210 | 170 | 1 | 4.02 | 28 | 4 days |
| ACO M150PPD universal closing end cap | | | | | | | | | |
| 11093 | M150PPD universal closing end cap | 11 | 188 | 210 | - | - | 0.14 | 10 | 4 days |
| ACO M150PPD sump unit | | | | | | | | | |
| 11386 | Black plastic sump unit assembly c/w bucket †† | - | Ø160 | 510 | - | - | 3.7 | 18 | 4 days |
| Accessories | | | | | | | | | |
| 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 |



11111



11093



11386



11288



11191



11192

† Not suitable for carriageways of public roads or motorways.

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

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

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

Note: Gratings supplied separately please refer to page 24. ACO Brickslot ST galvanised steel gratings also available for this channel system please see page 25. For gully details please refer to page 62.

Gratings for use with ACO MultiDrain® M150D/M150PPD channels

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

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.

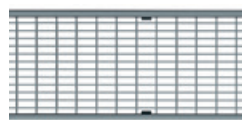


| Product Code | Description | | Length [mm] | Width Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----|----------------|--------------------------|-----------------------|----------------|------------------|--------------|
| Grating for Load Class B 125 applications | | | | | | | | |
| 133601 | HeelGuard™ mesh galvanised steel grate | ⚙️ | 1000 | 173 | 10 | 5.44 | 100 | 4 days |
| 133602 | HeelGuard™ mesh galvanised steel grate | ⚙️ | 500 | 173 | 10 | 2.7 | 50 | 4 days |
| 133625 | Intercept-Profile galvanised steel grate | ⚙️ | 1000 | 173 | 9 | 5.1 | 100 | 4 days |
| 133626 | Intercept-Profile galvanised steel grate | ⚙️ | 500 | 173 | 9 | 2.51 | 50 | 4 days |
| Gratings for Load Class C 250 applications | | | | | | | | |
| 133605 | HeelGuard™ mesh galvanised steel grate | ⚙️ | 1000 | 173 | 10 | 5.76 | 100 | 4 days |
| 133606 | HeelGuard™ mesh galvanised steel grate | ⚙️ | 500 | 173 | 10 | 2.84 | 50 | 4 days |
| Gratings for Load Class D 400† applications | | | | | | | | |
| 23161 | HeelGuard™ ductile iron grate | ⚙️ | 500 | 173 | 8 | 6.8 | 96 | 4 days |
| 23515 | HeelGuard™ Intercept ductile iron grate | ⚙️ | 500 | 173 | 10 | 6.4 | 96 | 4 days |
| 23516 | HeelGuard™ 6mm Rail Intercept, ductile iron grate | ⚙️ | 500 | 173 | 6 | 6.6 | 96 | Call sales |
| 23160 | Solid iron ductile iron grate | ⚙️ | 500 | 173 | n/a | 7.7 | 96 | 4 days |
| 23164 | Slotted ductile iron grate | | 500 | 173 | 12 | 6.4 | 96 | 4 days |
| 133609 | HeelGuard™ mesh galvanised steel grate | ⚙️ | 1000 | 173 | 10 | 8.02 | 100 | 4 days |
| 133610 | HeelGuard™ mesh galvanised steel grate | ⚙️ | 500 | 173 | 10 | 4.01 | 50 | 4 days |

ACO ATec high performance finish

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

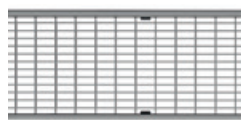
| | | | | | | | | |
|-------|---|----|-----|-----|---|-----|----|------------|
| 23169 | ATec coated HeelGuard™ ductile iron grate | ⚙️ | 500 | 173 | 8 | 6.8 | 96 | Call sales |
|-------|---|----|-----|-----|---|-----|----|------------|



133601 / 133602



133625 / 133626



133605 / 133606



23161



23516



23160



23164



133609 / 133610

† Not suitable for carriageways of public roads or motorways.

⚙️ Indicates security locking feature is available.

⚙️ HeelGuard™ grating.

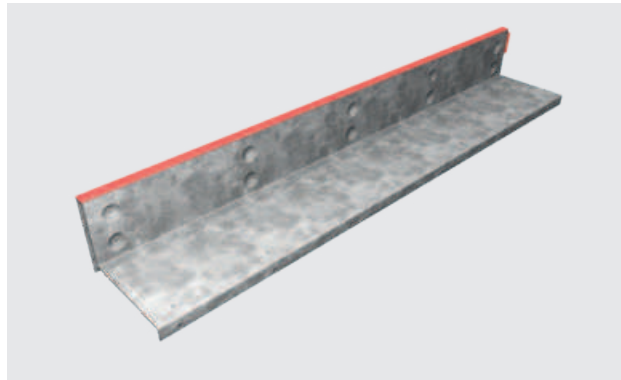
See page 38 for grating accessories.

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.

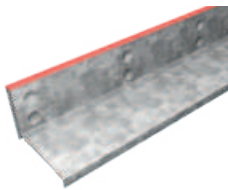
ACO MultiDrain® M150D/M150PPD galvanised steel gratings and access unit

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

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 pavements, setts and flags up to a maximum of 100mm deep.



| Product Code | Description | | Length [mm] | Width Overall [mm] | Upstand [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|---|----------------|--------------------------|-----------------|-----------------------|----------------|------------------|--------------|
| Gratings for Load Class D 400† applications | | | | | | | | | |
| 446027 | Brickslot ST galvanised steel grate | ↗ | 1000 | 173 | 105 | 10 | 8.7 | 40 | 10 days |
| 446028 | Brickslot ST galvanised steel grate | ↗ | 500 | 173 | 105 | 10 | 4.5 | 80 | 10 days |
| Access units for Load Class D 400† applications | | | | | | | | | |
| 446029 | Brickslot ST access unit galvanised steel grate | ↗ | 500 | 173 | 105 | 10 | 9.1 | 48 | 10 days |



446027 / 446028

446029

† Not suitable for carriageways of public roads or motorways.

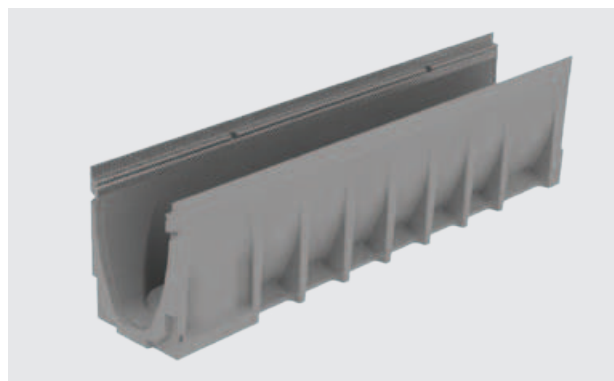
↗ HeelGuard™ grating.

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 23.

ACO MultiDrain® M150DS

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

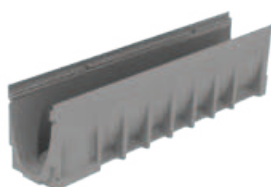
ACO MultiDrain® M150DS general purpose channel drainage system. All channels are manufactured from a polymeric based material and have 150mm internal width with stainless steel protective edge rail. Channels are for use with ACO Drainlock™ bar-less locking gratings and covers.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|------------|
| ACO M150DS polymer concrete constant depth channels | | | | | | | | | |
| 24150 | M150DS No. 0.0* | 1000 | 185 | 210 | 185 | 1/3 | 25.1 | 24 | Call sales |
| 24153 | M150DS No. 0.1J* | 500 | 185 | 210 | 185 | 1/3 | 13.6 | 12 | Call sales |
| 24151 | M150DS No.10.0* | 1000 | 185 | 260 | 235 | 1/3 | 27.6 | 24 | Call sales |
| 24154 | M150DS No. 10.1J* | 500 | 185 | 260 | 235 | 1/3 | 15.5 | 12 | Call sales |
| 24152 | M150DS No.20.0* | 1000 | 185 | 310 | 285 | 1/3 | 31.7 | 18 | Call sales |
| 24155 | M150DS No. 20.1J* | 500 | 185 | 310 | 285 | 1/3 | 17.2 | 12 | Call sales |
| ACO M150DS polymer concrete constant depth shallow channels | | | | | | | | | |
| 24156 | M150DS No. 0100 | 1000 | 185 | 100 | 75 | 1 | 16.9 | 24 | Call sales |
| 24157 | M150DS No. 0100V | 1000 | 185 | 100 | 75 | 1 | 15.9 | 24 | Call sales |
| ACO M150DS step connector for stepped drainage systems | | | | | | | | | |
| 13001 | M150DS 123 50mm step connector | - | - | - | - | - | 0.5 | 10 | 10 days |
| ACO M150DS multifunctional end cap (closing/inlet/outlet) | | | | | | | | | |
| 23159 | M150DS 306 multifunctional end cap | - | - | - | - | - | 0.3 | 10 | 10 days |
| ACO M150DS sump unit with stainless steel protective edge rail | | | | | | | | | |
| 24158 | M150DS universal sump with plastic silt bucket | 500 | 185 | 735 | 715 | - | 44.5 | 6 | Call sales |

Accessories

Please see page 20.



24150



24155



24156



24157

† Not suitable for carriageways of public roads or motorways.

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.

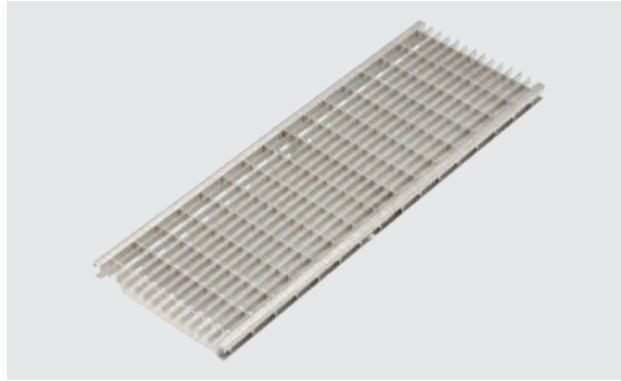
* Indicates channels supplied with a preformed Ø110mm knockout for vertical outlet.

Note: Gratings supplied separately please refer to page 27. ACO Brickslot ST stainless steel gratings also available for this channel system please see page 28. For gully details please refer to page 62. The protective edge rails used on these channels are manufactured from Grade 304 stainless steel.

Gratings for use with ACO MultiDrain® M150DS channels

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

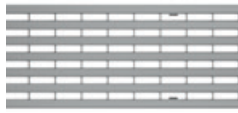
ACO Drainlock™ gratings for use with the ACO MultiDrain® M150DS channels with stainless steel protective edge rail.



| Product Code | Description | | Length [mm] | Width Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|-------|----------------|--------------------------|-----------------------|----------------|------------------|--------------|
| Gratings for Load Class B 125 applications | | | | | | | | |
| 133603 | HeelGuard™ mesh stainless steel grate | ⚙️ ↗️ | 1000 | 173 | 10 | 5.34 | 100 | Call sales |
| 133604 | HeelGuard™ mesh stainless steel grate | ⚙️ ↗️ | 500 | 173 | 10 | 2.73 | 50 | Call sales |
| 133627 | Intercept-Profile stainless steel grate | ⚙️ ↗️ | 1000 | 173 | 9 | 5.1 | 100 | Call sales |
| 133628 | Intercept-Profile stainless steel grate | ⚙️ ↗️ | 500 | 173 | 9 | 2.55 | 50 | Call sales |
| 133633 | Intercept-Bar stainless steel grate | ⚙️ ↗️ | 1000 | 173 | 6 | 6.35 | 100 | Call sales |
| 133634 | Intercept-Bar stainless steel grate | ⚙️ ↗️ | 500 | 173 | 6 | 3.13 | 50 | Call sales |
| Gratings for Load Class C 250 applications | | | | | | | | |
| 133607 | HeelGuard™ mesh stainless steel grate | ⚙️ ↗️ | 1000 | 173 | 10 | 5.66 | 100 | Call sales |
| 133608 | HeelGuard™ mesh stainless steel grate | ⚙️ ↗️ | 500 | 173 | 10 | 2.85 | 50 | Call sales |
| Gratings for Load Class D 400† applications | | | | | | | | |
| 133611 | HeelGuard™ mesh stainless steel grate | ⚙️ ↗️ | 1000 | 173 | 10 | 8.04 | 100 | Call sales |
| 133612 | HeelGuard™ mesh stainless steel grate | ⚙️ ↗️ | 500 | 173 | 10 | 4.06 | 50 | Call sales |



133603 / 133604



133627 / 133628



133633 / 133634

† Not suitable for carriageways of public roads or motorways.

⚙️ Indicates security locking feature is available.

↗️ HeelGuard™ grating.

See page 38 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 29.

ACO MultiDrain® M150DS stainless steel Brickslot ST gratings and access unit

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

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 pavements, setts and flags up to a maximum of 100mm deep.



| Product Code | Description | | Length [mm] | Width Overall [mm] | Upstand [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|---|----------------|--------------------------|-----------------|-----------------------|----------------|------------------|--------------|
| Gratings for Load Class D 400† applications | | | | | | | | | |
| 446030 | Brickslot ST stainless steel | ↗ | 1000 | 173 | 105 | 10 | 8.7 | 40 | Call sales |
| 446031 | Brickslot ST stainless steel | ↗ | 500 | 173 | 105 | 10 | 4.5 | 80 | Call sales |
| Access units for Load Class D 400† applications | | | | | | | | | |
| 446032 | Brickslot ST access unit stainless steel | ↗ | 500 | 173 | 105 | 10 | 9.1 | 48 | Call sales |



446030 / 446031



446032

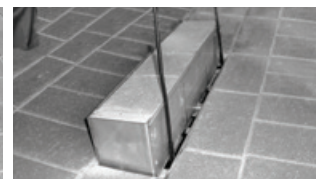
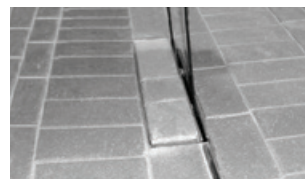
† Not suitable for carriageways of public roads or motorways.

↗ HeelGuard™ grating.

Note: The ACO MultiDrain® stainless steel Brickslot ST gratings and access units listed above are sold separately from the ACO MultiDrain® M150DS channel units. For information on channels to suit these gratings and access units see page 26.

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 38.

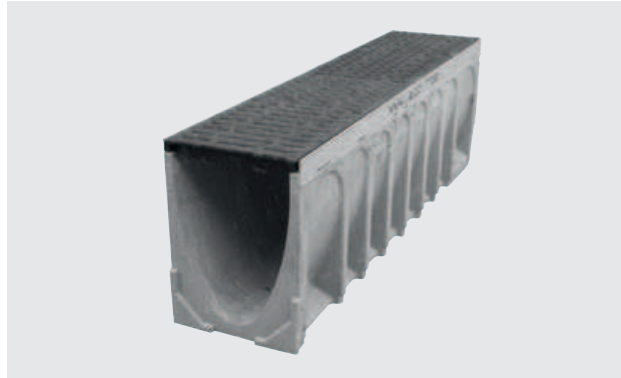


ACO MultiDrain® M200D

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

ACO MultiDrain® M200D general purpose channel drainage system. All channels are manufactured from a polymeric based 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.

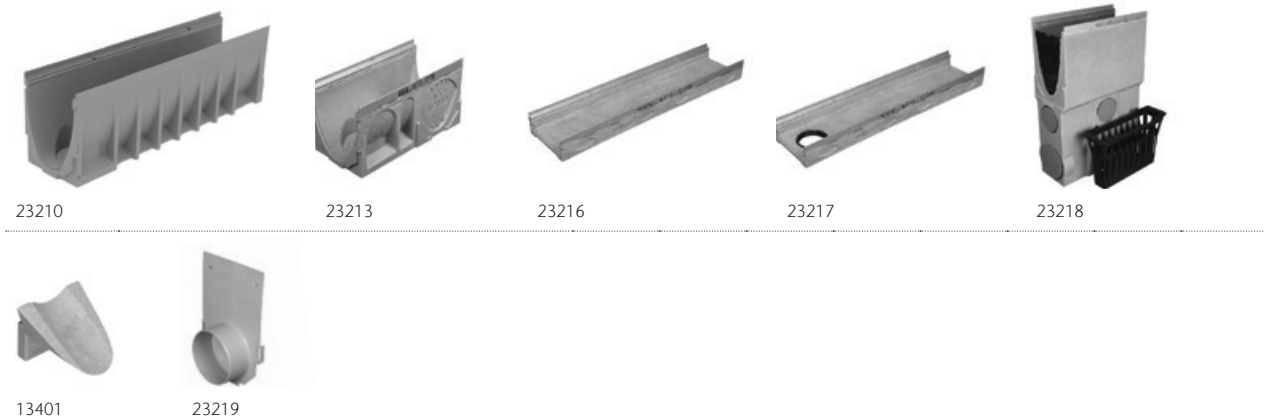
Image shows channel with grating. Grating supplied separately please see note.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO M200D polymer concrete constant depth channels | | | | | | | | | |
| 23210 | M200D No. 0.0* | 1000 | 235 | 265 | 240 | 1/3 | 33.3 | 12 | 4 days |
| 23213 | M200D No. 0.1J* | 500 | 235 | 265 | 240 | 1/3 | 18.6 | 8 | 4 days |
| 23211 | M200D No. 10.0* | 1000 | 235 | 315 | 290 | 1/3 | 38.9 | 12 | 4 days |
| 23214 | M200D No. 10.1J* | 500 | 235 | 315 | 290 | 1/3 | 20.7 | 8 | 4 days |
| 23212 | M200D No. 20.0* | 1000 | 235 | 365 | 340 | 1/3 | 42.1 | 8 | 4 days |
| 23215 | M200D No. 20.1J* | 500 | 235 | 365 | 340 | 1/3 | 22.8 | 8 | 4 days |
| ACO M200D polymer concrete constant depth shallow channels | | | | | | | | | |
| 23216 | M200D No. 0100 | 1000 | 235 | 100 | 75 | 1 | 18.5 | 16 | 4 days |
| 23217 | M200D No. 0100V | 1000 | 235 | 100 | 75 | 1 | 16.4 | 16 | 4 days |
| ACO M200D step connector for stepped drainage systems | | | | | | | | | |
| 13401 | M200D 123 50mm step connector | - | - | - | - | - | 0.6 | 10 | 4 days |
| ACO M200D multifunctional end cap (closing/inlet/outlet) | | | | | | | | | |
| 23219 | M200D 306 multifunctional end cap | - | 235 | 365/100 | - | - | 0.4 | 10 | 10 days |
| ACO M200D sump unit with UltraSTEEL™ galvanised steel protective edge rail | | | | | | | | | |
| 23218 | M200D universal sump with plastic silt bucket | 500 | 235 | 790 | 765 | - | 47.0 | 6 | 4 days |

Accessories

Please see page 20.



† Not suitable for carriageways of public roads or motorways.

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.

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

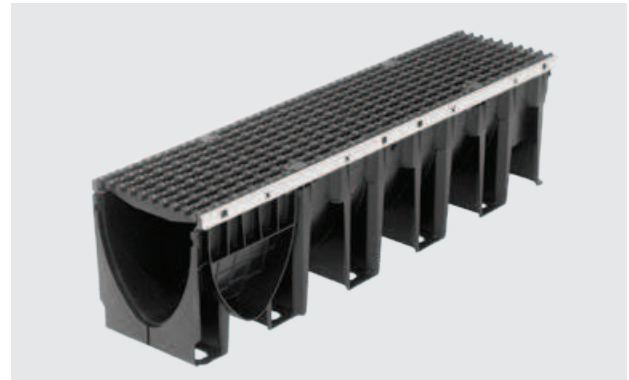
Note: Gratings supplied separately please refer to page 31. ACO Brickslot ST galvanised steel gratings also available for this channel system please see page 32. For gully details please refer to page 62.

ACO MultiDrain® M200PPD

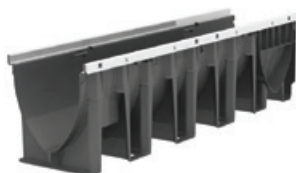
Suitable for Load Class applications A 15, B 125, C 250, D 400†

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.

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



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO M200PPD recycled polypropylene constant depth channel | | | | | | | | | |
| 11118 | M200PPD No. 0.0J* | 1000 | 238 | 265 | 220 | 1 | 4.9 | 15 | 4 days |
| ACO M200PPD universal closing end cap | | | | | | | | | |
| 11098 | M200PPD universal closing end cap | 11 | 238 | 265 | - | - | 0.21 | 10 | 4 days |
| ACO M200PPD sump unit | | | | | | | | | |
| 11387 | Black plastic sump unit assembly c/w bucket †† | - | Ø200 | 510 | - | - | 4.9 | 12 | 4 days |
| Accessories | | | | | | | | | |
| 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 |



11118



11098



11387



11289



11192

† Not suitable for carriageways of public roads or motorways.

†† 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.

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

Note: Gratings supplied separately please refer to page 31. ACO Brickslot galvanised steel gratings also available for this channel system please see page 32. For gully details please refer to page 62.

Gratings for use with ACO MultiDrain® M200D/M200PPD channels

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

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.



| Product Code | Description | | Length [mm] | Width Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|---|----------------|--------------------------|-----------------------|----------------|------------------|--------------|
| Grating for Load Class B 125 applications | | | | | | | | |
| 133613 | HeelGuard™ mesh galvanised steel grate | ⚙ | 1000 | 223 | 10 | 7.36 | 48 | 4 days |
| 133614 | HeelGuard™ mesh galvanised steel grate | ⚙ | 500 | 223 | 10 | 3.62 | 24 | 4 days |
| 133629 | Intercept-Profile galvanised steel grate | ⚙ | 1000 | 223 | 8 | 7.4 | 48 | 4 days |
| 133630 | Intercept-Profile galvanised steel grate | ⚙ | 500 | 223 | 8 | 3.63 | 24 | 4 days |
| Gratings for Load Class C 250 applications | | | | | | | | |
| 133617 | HeelGuard™ mesh galvanised steel grate | ⚙ | 1000 | 223 | 10 | 10.68 | 48 | 4 days |
| 133618 | HeelGuard™ mesh galvanised steel grate | ⚙ | 500 | 223 | 10 | 5.21 | 24 | 4 days |
| Gratings for Load Class D 400† applications | | | | | | | | |
| 23221 | HeelGuard™ ductile iron grate | ⚙ | 500 | 223 | 8 | 10.3 | 90 | 4 days |
| 23520 | HeelGuard™ Intercept ductile iron grate | ⚙ | 500 | 223 | 10 | 8.72 | 90 | 4 days |
| 23521 | HeelGuard™ 6mm Rail Intercept, ductile iron grate | ⚙ | 500 | 223 | 6 | 11 | 90 | Call sales |
| 23220 | Ductile iron solid cover grate | ⚙ | 500 | 223 | n/a | 11 | 90 | 4 days |
| 23224 | Slotted ductile iron grate | | 500 | 223 | 12 | 9.8 | 90 | 4 days |
| 133621 | HeelGuard™ mesh galvanised steel grate | ⚙ | 1000 | 223 | 10 | 12.94 | 48 | 4 days |
| 133622 | HeelGuard™ mesh galvanised steel grate | ⚙ | 500 | 223 | 10 | 6.41 | 24 | 4 days |

ACO ATec high performance finish

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.

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

| | | | | | | | | |
|-------|---|--|-----|-----|---|------|----|------------|
| 23229 | ATec coated HeelGuard™ ductile iron grate | | 500 | 223 | 8 | 10.3 | 90 | Call sales |
|-------|---|--|-----|-----|---|------|----|------------|



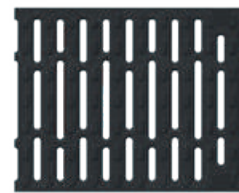
133613 / 133614



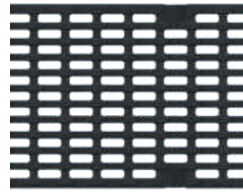
133629 / 133630



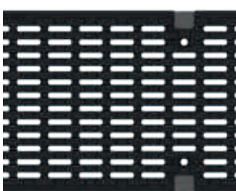
133617 / 133618



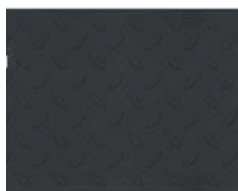
23221



23520



23521



23220



23224



133621

† Not suitable for carriageways of public roads or motorways.

⚙ Indicates security locking feature is available.

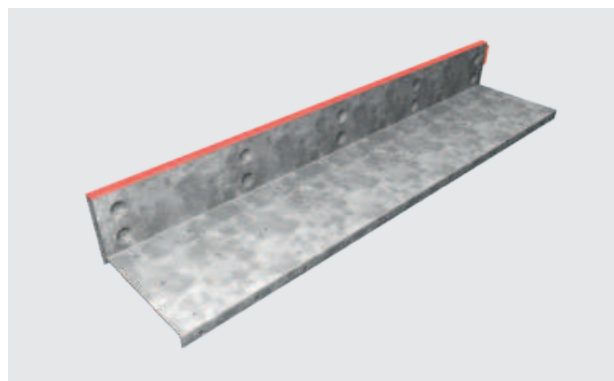
⚙ HeelGuard™ grating.

See page 38 for grating accessories.

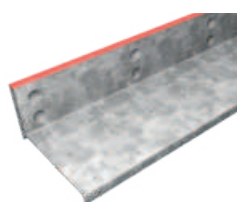
ACO MultiDrain® M200D / M200PPD galvanised steel Brickslot ST gratings and access units

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

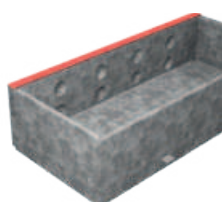
A range of galvanised steel discreet slot drainage gratings and access units for use with ACO MultiDrain® M200D channels with UltraSTEEL™ galvanised steel protective edge rail and the ACO MultiDrain® M200PPD channels with galvanised steel protective edge rail. The offset grating has a 10mm HeelGuard™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



| Product Code | Description | | Length [mm] | Width Overall [mm] | Upstand [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|---|----------------|--------------------------|-----------------|-----------------------|----------------|------------------|--------------|
| Gratings for Load Class D 400† applications | | | | | | | | | |
| 446039* | Brickslot ST galvanised steel grate | ↗ | 1000 | 223 | 105 | 10 | 8.1 | 36 | 10 days |
| 446040* | Brickslot ST galvanised steel grate | ↗ | 500 | 223 | 105 | 10 | 4.2 | 72 | 10 days |
| Access units for Load Class D 400† applications | | | | | | | | | |
| 446041* | Brickslot ST access unit galvanised steel | ↗ | 500 | 223 | 105 | 10 | 10.3 | 36 | 10 days |



446039 / 446040



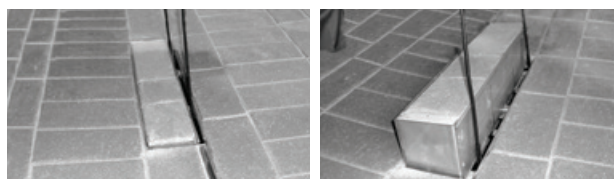
446041

† Not suitable for carriageways of public roads or motorways.
↗ HeelGuard™ grating.

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 29 and for ACO MultiDrain® M200PPD channels see page 30.

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 38.

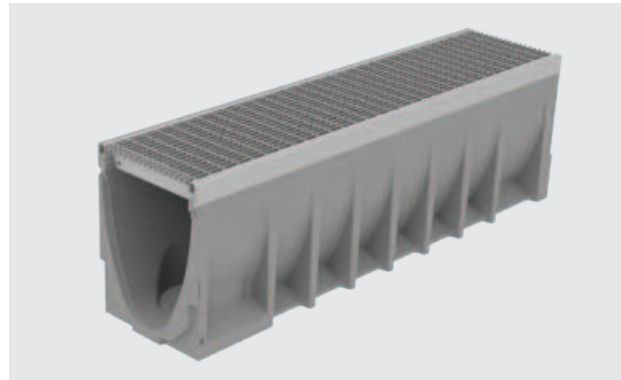


ACO MultiDrain® M200DS

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

ACO MultiDrain® M200DS general purpose channel drainage system. All channels are manufactured from a polymeric based 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.

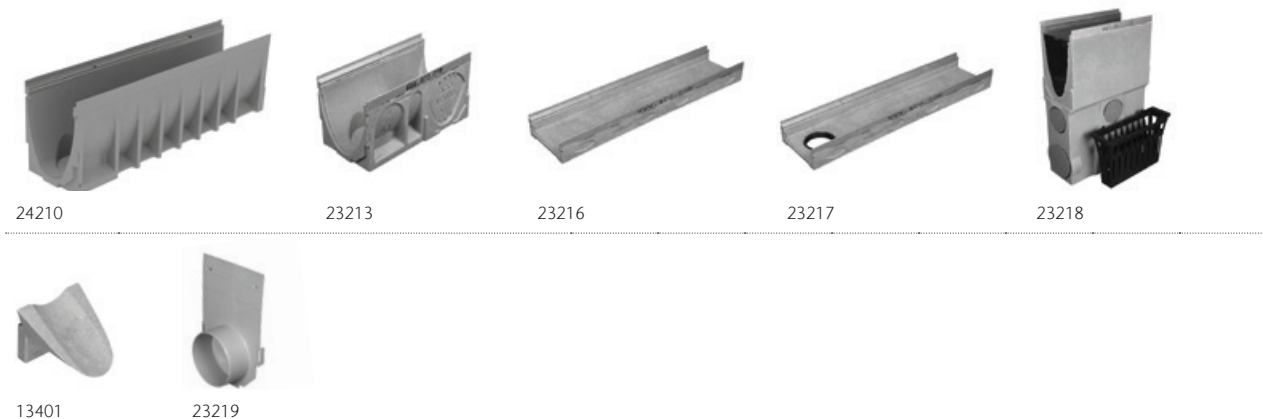
Image shows channel with grating. Grating supplied separately please see note.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|------------|
| ACO M200DS polymer concrete constant depth channels | | | | | | | | | |
| 24210 | M200DS No. 0.0* | 1000 | 235 | 265 | 240 | 1/3 | 36.1 | 12 | Call sales |
| 24213 | M200DS No. 0.1J* | 500 | 235 | 265 | 240 | 1/3 | 19.7 | 8 | Call sales |
| 24211 | M200DS No. 10.0* | 1000 | 235 | 315 | 290 | 1/3 | 40.6 | 12 | Call sales |
| 24214 | M200DS No. 10.1J* | 500 | 235 | 315 | 290 | 1/3 | 21.8 | 8 | Call sales |
| 24212 | M200DS No. 20.0* | 1000 | 235 | 365 | 340 | 1/3 | 43.8 | 8 | Call sales |
| 24215 | M200DS No. 20.1J* | 500 | 235 | 365 | 340 | 1/3 | 23.8 | 8 | Call sales |
| ACO M200DS polymer concrete constant depth shallow channels | | | | | | | | | |
| 24216 | M200DS No. 0100 | 1000 | 235 | 100 | 75 | 1 | 20.4 | 16 | Call sales |
| 24217 | M200DS No. 0100V | 1000 | 235 | 100 | 75 | 1 | 18.7 | 16 | Call sales |
| ACO M200DS step connector for stepped drainage systems | | | | | | | | | |
| 13401 | M200DS 123 50mm step connector | - | - | - | - | - | 0.6 | 10 | 10 days |
| ACO M200DS multifunctional end cap (closing/inlet/outlet) | | | | | | | | | |
| 23219 | M200DS 306 multifunctional end cap | - | - | - | - | - | 0.4 | 10 | 10 days |
| ACO M200DS sump unit with stainless steel protective edge rail | | | | | | | | | |
| 24218 | M200DS universal sump with plastic silt bucket | 500 | 235 | 790 | 765 | - | 48.0 | 6 | Call sales |

Accessories

Please see page 20.



† Not suitable for carriageways of public roads or motorways.

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.

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

Note: Gratings supplied separately please refer to page 34. ACO Brickslot stainless steel gratings also available for this channel system please see page 35. For gully details please refer to page 62. The protective edge rails used on these channels are manufactured from Grade 304 stainless steel.

Gratings for use with ACO MultiDrain® M200DS channels

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

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



| Product Code | Description | | Length [mm] | Width Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----|----------------|--------------------------|-----------------------|----------------|------------------|--------------|
| Grating for Load Class B 125 applications | | | | | | | | |
| 133615 | HeelGuard™ mesh stainless steel grate | ⚙️ | 1000 | 223 | 10 | 7.22 | 48 | Call sales |
| 133616 | HeelGuard™ mesh stainless steel grate | ⚙️ | 500 | 223 | 10 | 3.65 | 24 | Call sales |
| 133631 | Intercept-Profile stainless steel grate | ⚙️ | 1000 | 223 | 8 | 7.42 | 48 | Call sales |
| 133632 | Intercept-Profile stainless steel grate | ⚙️ | 500 | 223 | 8 | 3.68 | 24 | Call sales |
| 133635 | Intercept-Bar stainless steel grate | ⚙️ | 1000 | 223 | 6 | 8.07 | 48 | Call sales |
| 133636 | Intercept-Bar stainless steel grate | ⚙️ | 500 | 223 | 6 | 4.02 | 24 | Call sales |
| Gratings for Load Class C 250 applications | | | | | | | | |
| 133619 | HeelGuard™ mesh stainless steel grate | ⚙️ | 1000 | 223 | 10 | 10.72 | 48 | Call sales |
| 133620 | HeelGuard™ mesh stainless steel grate | ⚙️ | 500 | 223 | 10 | 5.27 | 24 | Call sales |
| Gratings for Load Class D 400 applications | | | | | | | | |
| 133623 | HeelGuard™ mesh stainless steel grate | ⚙️ | 1000 | 223 | 10 | 12.96 | 48 | Call sales |
| 133624 | HeelGuard™ mesh stainless steel grate | ⚙️ | 500 | 223 | 10 | 6.47 | 24 | Call sales |



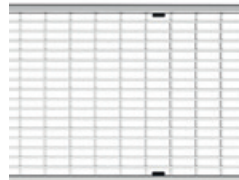
133615 / 133616



133631 / 133632



133635 / 133636



133619 / 133620



133623 / 133624

† Not suitable for carriageways of public roads or motorways.

⚙️ Indicates security locking feature is available.

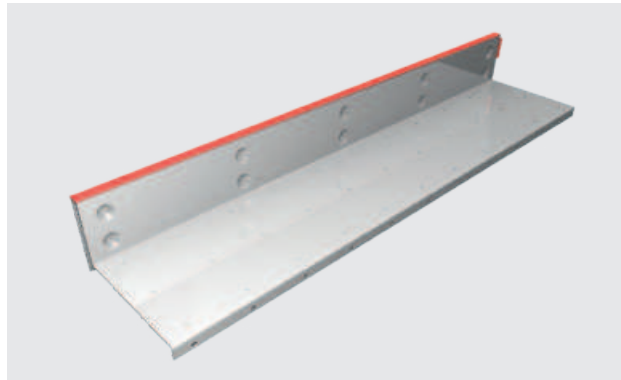
⚙️ HeelGuard™ grating.

See page 38 for grating accessories.

ACO MultiDrain® M200DS stainless steel Brickslot ST gratings and access unit

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

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.



| Product Code | Description | | Length [mm] | Width Overall [mm] | Upstand [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|---|----------------|--------------------------|-----------------|-----------------------|----------------|------------------|--------------|
| Gratings for Load Class D 400† applications | | | | | | | | | |
| 446042 | Brickslot ST stainless steel grate | ↗ | 1000 | 223 | 105 | 10 | 8.1 | 36 | 10 days |
| 446043 | Brickslot ST stainless steel grate | ↗ | 500 | 223 | 105 | 10 | 4.1 | 72 | 10 days |
| Access units for Load Class D 400† applications | | | | | | | | | |
| 446044 | Brickslot ST access unit stainless steel grate | ↗ | 500 | 223 | 105 | 10 | 10.3 | 36 | 10 days |



446042 / 446043

446044

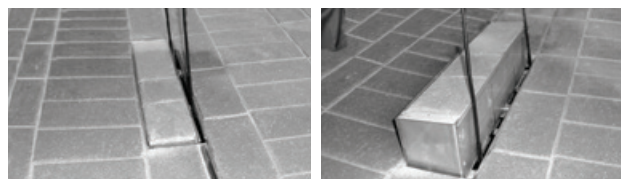
† Not suitable for carriageways of public roads or motorways.

↗ HeelGuard™ grating.

Note: The ACO MultiDrain® stainless steel Brickslot ST gratings and access units listed above are sold separately from the ACO MultiDrain® M150DS channel units. For information on channels to suit these gratings and access units see page 29.

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 38.



Freestyle gratings

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

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.



| Product Code | Description | Length [mm] | Width Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|-------------------------------------|---|----------------|-----------------------|----------------|---------------|------------|
| M100D Freestyle grate D 400 | | | | | | |
| 132135 | Freestyle M100D Harmony ductile iron grate | 500 | 123 | 5.1 | 1 | Call sales |
| 132138 | Freestyle M100D Voronoi ductile iron grate | 500 | 123 | 5.1 | 1 | Call sales |
| 132042 | Freestyle M100D Flag ductile iron grate | 500 | 123 | 4.9 | 1 | 4 Days |
| 132102 | Freestyle M100D Flag ductile iron grate ATec coated | 500 | 123 | 4.9 | 50 | Call sales |
| 132043 | Freestyle M100D Leaf ductile iron grate | 500 | 123 | 4.7 | 1 | 4 Days |
| 132063 | Freestyle M100D Leaf ductile iron grate ATec coated | 500 | 123 | 4.7 | 50 | Call sales |
| 132088 | Freestyle M100D Ray ductile iron grate | 500 | 123 | 5.7 | 1 | Call sales |
| 132089 | Freestyle M100D Ray ductile iron grate uncoated | 500 | 123 | 5.7 | 50 | Call sales |
| 132059 | Freestyle M100D Running dog ductile iron grate | 500 | 123 | 4.3 | 1 | Call sales |
| 132082 | Freestyle M100D Square ductile iron grate | 500 | 123 | 4.7 | 1 | Call sales |
| 132060 | Freestyle M100D Nature ductile iron grate | 500 | 123 | 4.8 | 1 | Call sales |
| 132095 | Freestyle M100D Nature ductile iron grate ATec coated | 500 | 123 | 4.8 | 1 | Call sales |
| 132068 | Freestyle M100D Seurat ductile iron grate | 500 | 123 | 5.8 | 50 | Call sales |
| 132104 | Freestyle M100D Seurat ductile iron grate ATec coated | 500 | 123 | 5.8 | 50 | Call sales |
| 132092 | Freestyle M100D Pearl ductile iron grate | 500 | 123 | 4.9 | 50 | Call sales |
| 132162 | Freestyle M100D Wave 180 ductile iron grate | 500 | 123 | 5.5 | 50 | Call sales |
| 132084 | Freestyle M100D Running dog ductile iron grate uncoated | 500 | 123 | 4.3 | 50 | Call sales |
| 132136 | Freestyle M100D Buffalo ductile iron grate | 500 | 123 | 5.5 | 50 | Call sales |
| M150D Freestyle grates D 400 | | | | | | |
| 132139 | Freestyle M150D Voronoi ductile iron grate | 500 | 173 | 6.1 | 1 | Call sales |
| 132045 | Freestyle M150D Flag ductile iron grate | 500 | 173 | 9.0 | 1 | Call sales |
| 132100 | Freestyle M150D Flag ductile iron grate ATec coated | 500 | 173 | 9.0 | 1 | Call sales |
| 132066 | Freestyle M150D Leaf ductile iron grate | 500 | 173 | 8.9 | 1 | Call sales |
| 132098 | Freestyle M150D Leaf ductile iron grate ATec coated | 500 | 173 | 8.9 | 1 | Call sales |
| 132109 | Freestyle M150D Ray ductile iron grate | 500 | 173 | 5.4 | 1 | Call sales |
| 132077 | Freestyle M150D Square ductile iron grate | 500 | 173 | 8.9 | 1 | Call sales |
| 132106 | Freestyle M150D Nature ductile iron grate | 500 | 173 | 8.9 | 1 | Call sales |
| 132093 | Freestyle M150D Nature ductile iron grate ATec coated | 500 | 173 | 8.9 | 1 | Call sales |
| 132164 | Freestyle M150D Wave 180 ductile iron grate | 500 | 173 | 9.9 | 50 | Call sales |
| 132048 | Freestyle M150D Running dog ductile iron grate | 500 | 173 | 6.8 | 50 | Call sales |
| 132049 | Freestyle M150D Running dog edge 1 ductile iron grate | 500 | 173 | 7.0 | 50 | Call sales |
| 132050 | Freestyle M150D Running dog edge 2 ductile iron grate | 500 | 173 | 7.0 | 50 | Call sales |
| 132051 | Freestyle M150D Running dog edge 3 ductile iron grate | 500 | 173 | 7.0 | 50 | Call sales |
| 132052 | Freestyle M150D Running dog edge 4 ductile iron grate | 500 | 173 | 7.0 | 50 | Call sales |
| 132172 | Freestyle M150D Acanthus leaf ductile iron grate | 500 | 173 | 9.7 | 50 | Call sales |
| 132067 | Freestyle M150D Retro ductile iron grate | 500 | 173 | 7.9 | 50 | Call sales |

| Product Code | Description | Length [mm] | Width Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|-------------------------------------|---|-------------|--------------------|-------------|---------------|------------|
| M200D Freestyle grates D 400 | | | | | | |
| 132041 | Freestyle M200D Flag ductile iron grate | 500 | 223 | 12.3 | 1 | Call sales |
| 132129 | Freestyle M200D Leaf ductile iron grate | 500 | 223 | 12.1 | 1 | Call sales |
| 132090 | Freestyle M200D Ray ductile iron grate | 500 | 223 | 12.2 | 1 | Call sales |
| 132091 | Freestyle M200D Ray ductile iron grate uncoated | 500 | 223 | 12.3 | 1 | Call sales |
| 132064 | Freestyle M200D Square ductile iron grate | 500 | 223 | 13.1 | 1 | Call sales |
| 132166 | Freestyle M200D Wave 180 ductile iron grate | 500 | 223 | 14.5 | 50 | Call sales |
| 132134 | Freestyle M200D Monoblock ductile iron grate | 500 | 223 | 13.5 | 50 | Call sales |
| 132053 | Freestyle M200D Sturgeon ductile iron grate | 500 | 223 | 12.3 | 50 | Call sales |
| 132085 | Freestyle M200D Lunette ductile iron grate | 500 | 223 | 12.3 | 50 | Call sales |
| 132122 | Freestyle M200D Tree A ductile iron grate | 500 | 223 | 12.1 | 50 | Call sales |
| 132123 | Freestyle M200D Tree B ductile iron grate | 500 | 223 | 11.6 | 50 | Call sales |



Wave 180



Acanthus



Running Dog



Square



Lunette



Image featuring Sturgeon grate

ACO MultiDrain® Ductile and Galvanised Steel Grating Accessories

| Product Code | Description | Length [mm] | Width Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|----------------|---------------|------------|
| Drainlock™ security locking for select M100D grates | | | | | | |
| 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 |
| Drainlock™ security locking for select M150D grates | | | | | | |
| 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 | | | | | | |
| 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

| Product Code | Description | Length [mm] | Width Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|----------------|---------------|------------|
| Drainlock™ security locking for select M100DS grates | | | | | | |
| 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 |
| Drainlock™ security locking for select M150DS grates | | | | | | |
| 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 |
| Drainlock™ security locking for select M200DS grates | | | | | | |
| 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 |



445828



445832



445834



1367

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.

ACO S100

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

ACO S100 polymer concrete channel. All channels are manufactured from a polymeric based material and have 100mm internal width with cast iron edge rail. Channels have a choice of bolted ductile iron gratings.

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



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|---------------------|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO S100 polymer concrete constant depth and sloping channels: 1-20 | | | | | | | | | |
| 0269 | S100 channel S01* | 1000 | 155 | 137 | 112 | 1/3 | 21.9 | 28 | 4 days |
| 0270 | S100 channel S1 | 1000 | 155 | 137/143 | 112/118 | 2 | 21.7 | 14 | 4 days |
| 0271 | S100 channel S2 | 1000 | 155 | 143/149 | 118/124 | 2 | 22.5 | 14 | 4 days |
| 0272 | S100 channel S3 | 1000 | 155 | 149/155 | 124/130 | 2 | 22.5 | 14 | 4 days |
| 0273 | S100 channel S4 | 1000 | 155 | 155/161 | 130/136 | 2 | 23.4 | 14 | 4 days |
| 0274 | S100 channel S05* | 1000 | 155 | 161 | 136 | 1/3 | 22.8 | 28 | 4 days |
| 0275 | S100 channel S5 | 1000 | 155 | 161/167 | 136/142 | 2 | 24.3 | 14 | 4 days |
| 0276 | S100 channel S6 | 1000 | 155 | 167/173 | 142/148 | 2 | 24.1 | 14 | 4 days |
| 0277 | S100 channel S7 | 1000 | 155 | 173/179 | 148/154 | 2 | 25.5 | 14 | 4 days |
| 0278 | S100 channel S8 | 1000 | 155 | 179/185 | 154/160 | 2 | 25.2 | 14 | 4 days |
| 0279 | S100 channel S9 | 1000 | 155 | 185/191 | 160/166 | 2 | 23.6 | 14 | 4 days |
| 0403 | S100 channel S010* | 1000 | 155 | 191 | 166 | 1/3 | 25.7 | 28 | 4 days |
| 0280 | S100 channel S110J* | 500 | 155 | 191 | 166 | 1/3 | 17.1 | 28 | 4 days |
| 0281 | S100 channel S10 | 1000 | 155 | 191/197 | 166/172 | 2 | 23.1 | 14 | 4 days |
| 0282 | S100 channel S11 | 1000 | 155 | 197/203 | 172/178 | 2 | 23.7 | 14 | 4 days |
| 0283 | S100 channel S12 | 1000 | 155 | 203/209 | 178/184 | 2 | 25.1 | 14 | 4 days |
| 0284 | S100 channel S13 | 1000 | 155 | 209/215 | 184/190 | 2 | 25.8 | 14 | 4 days |
| 0285 | S100 channel S14 | 1000 | 155 | 215/221 | 190/196 | 2 | 26.5 | 14 | 4 days |
| 0286 | S100 channel S15 | 1000 | 155 | 221/227 | 196/202 | 2 | 24.7 | 14 | 4 days |
| 0287 | S100 channel S16 | 1000 | 155 | 227/233 | 202/208 | 2 | 25.6 | 14 | 4 days |
| 0288 | S100 channel S17 | 1000 | 155 | 233/239 | 208/214 | 2 | 26.1 | 14 | 4 days |
| 0289 | S100 channel S18 | 1000 | 155 | 239/245 | 214/220 | 2 | 27.2 | 14 | 4 days |
| 0290 | S100 channel S19 | 1000 | 155 | 245/251 | 220/226 | 2 | 28.0 | 14 | 4 days |
| 0405 | S100 channel S020* | 1000 | 155 | 251 | 226 | 1/3 | 29.7 | 28 | 4 days |
| 0291 | S100 channel S120J* | 500 | 155 | 251 | 226 | 1/3 | 20.6 | 28 | 4 days |
| 0292 | S100 channel S20 | 1000 | 155 | 251 | 226/232 | 2 | 27.0 | 14 | 4 days |



0405



0280



0291

† Not suitable for carriageways of public roads or motorways.

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

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

Note: Gratings sold separately please refer to page 42. Channels shaded in grey are constant depth channels.

| Product Code | Description | Length | Width Overall | Depth Overall | Invert | Invert Type | Weight | Pack Quantity | Lead Time |
|--|---------------------|--------|---------------|---------------|---------|-------------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [mm] | | [kg] | | |
| Range continued: ACO S100 polymer concrete constant depth and sloping channels: 21 – 30 | | | | | | | | | |
| 0293 | S100 channel S21 | 1000 | 155 | 257/263 | 232/238 | 2 | 28.4 | 7 | 10 days |
| 0294 | S100 channel S22 | 1000 | 155 | 263/269 | 238/244 | 2 | 28.5 | 7 | 10 days |
| 0295 | S100 channel S23 | 1000 | 155 | 269/275 | 244/250 | 2 | 29.8 | 7 | 10 days |
| 0296 | S100 channel S24 | 1000 | 155 | 275/281 | 250/256 | 2 | 29.7 | 7 | 10 days |
| 0297 | S100 channel S25 | 1000 | 155 | 281/287 | 256/262 | 2 | 29.2 | 7 | 10 days |
| 0298 | S100 channel S26 | 1000 | 155 | 287/293 | 262/268 | 2 | 29.1 | 7 | 10 days |
| 0299 | S100 channel S27 | 1000 | 155 | 293/299 | 268/274 | 2 | 30.1 | 7 | 10 days |
| 0300 | S100 channel S28 | 1000 | 155 | 299/305 | 274/280 | 2 | 31.3 | 7 | 10 days |
| 0301 | S100 channel S29 | 1000 | 155 | 305/311 | 280/286 | 2 | 31.8 | 7 | 10 days |
| 0407 | S100 channel S030* | 1000 | 155 | 311 | 286 | 1/3 | 34.6 | 21 | 4 days |
| 0302 | S100 channel S130J* | 500 | 155 | 311 | 286 | 1/3 | 24.8 | 28 | 4 days |
| 0303 | S100 channel S30 | 1000 | 155 | 311/317 | 286/292 | 2 | 33.0 | 7 | 10 days |

ACO S100 polymer concrete sump unit

| | | | | | | | | | |
|------|--------------------------------|--|--|--|--|--|------|----|--------|
| 4223 | S900 Sump unit c/w silt bucket | | | | | | 38.3 | 14 | 4 days |
|------|--------------------------------|--|--|--|--|--|------|----|--------|

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

| | | | | | | | | | |
|------|--|--|--|--|--|--|-----|----|--------|
| 0411 | S106 closing (For use with channels 1-10.0) | | | | | | 1.0 | 10 | 4 days |
| 0413 | S206 closing (For use with channels 11-20.0) | | | | | | 1.3 | 10 | 4 days |
| 0414 | S306 closing (For use with channels 21-30.0) | | | | | | 1.7 | 10 | 4 days |
| 0415 | S108 outlet (For use with channels 1-10.0) | | | | | | 1.2 | 10 | 4 days |
| 0416 | S208 outlet (For use with channels 11-20.0) | | | | | | 1.5 | 10 | 4 days |
| 0418 | S308 outlet (For use with channels 21-30.0) | | | | | | 1.9 | 10 | 4 days |
| 0419 | S109 inlet (For use with channels 1-10.0) | | | | | | 1.1 | 10 | 4 days |
| 0420 | S209 inlet (For use with channels 11-20.0) | | | | | | 1.5 | 10 | 4 days |
| 0421 | S309 inlet (For use with channels 21-30.0) | | | | | | 1.9 | 10 | 4 days |

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

| | | | | | | | | | |
|------|------------------------------|--|--|--|--|--|-----|----|--------|
| 0858 | S100 123 60mm step connector | | | | | | 1.1 | 10 | 4 days |
|------|------------------------------|--|--|--|--|--|-----|----|--------|

Accessories

| | | | | | | | | | |
|-------|--|--|--|--|--|--|-----|---|------------|
| 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 |
| 01498 | Replacement sump bucket, black polypropylene | | | | | | 0.3 | 1 | Call sales |
| 32599 | Polymer concrete repair kit + | | | | | | 1.0 | 1 | 10 days |



0411



0416



0419



0858

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

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

◆ 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 62.

Gratings for use with ACO S100 channels

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

The ACO S100 system has a choice of slotted, HeelGuard™, intercept and solid cover ductile iron gratings to ensure a wide variety of applications are catered for. All ACO S Range gratings come complete with 4 x bolts to ensure grating are secured.



| Product Code | Description | Length [mm] | Width Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|-----------------------------|----------------|-----------------------|--------------------|----------------|---------------|------------|
| Gratings for Load Class E 600 applications | | | | | | | |
| 0776 | Intercept ductile iron 776 | 500 | 139 | 10 | 6.8 | 156 | Call sales |
| Gratings for Load Class F 900 applications | | | | | | | |
| 4604 | Slotted ductile iron 772 | 500 | 139 | 10 | 5.6 | 175 | 4 days |
| 0774 | HeelGuard™ ductile iron 774 | 500 | 139 | 5 | 6.7 | 156 | 4 days |
| 7626 | Solid ductile iron 778 | 500 | 139 | - | 6.7 | 144 | Call sales |
| 2324 | Replacement bolts | - | - | - | - | 400 | 4 days |



0776



4604



0774



7626

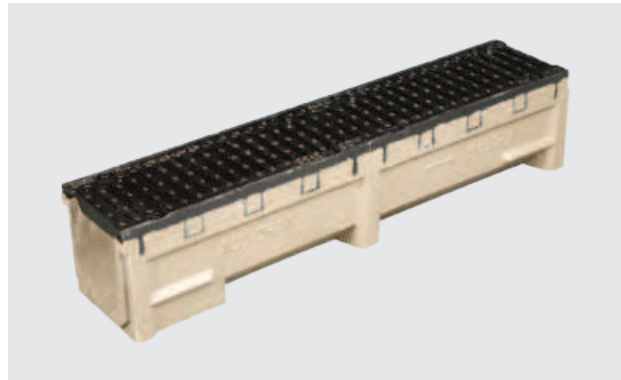
† Not suitable for carriageways of public roads or motorways.

ACO S150 with bolted grating

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

ACO S150 polymer concrete channel. All channels are manufactured from a polymeric based material and have 150mm internal width with cast iron edge rail complete with 14mm slotted ductile iron gratings and locking bolts.

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



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO S150 polymer concrete constant depth channels with cast iron integral edge rail, complete with ductile iron slotted grating | | | | | | | | | |
| 1151 | S150 1501* | 1000 | 205 | 220 | 195 | 1/3 | 44.6 | 20 | 10 days |
| 1176 | S150 1504J* | 500 | 205 | 220 | 195 | 1/3 | 30.4 | 20 | 10 days |
| 1152 | S150 1502* | 1000 | 205 | 270 | 245 | 1/3 | 49.2 | 15 | 10 days |
| 1154 | S150 1505J* | 500 | 205 | 270 | 245 | 1/3 | 32.8 | 20 | 10 days |
| 1153 | S150 1503* | 1000 | 205 | 320 | 295 | 1/3 | 53.1 | 15 | 10 days |
| ACO S150 polymer concrete sump unit and accessories | | | | | | | | | |
| 0875 | S150 sump unit assembly c/w silt bucket | - | - | - | - | - | 62.7 | 8 | 10 days |
| 1506 | Replacement sump bucket | - | - | - | - | - | 3.1 | 1 | 10 days |
| 1168 | Raising piece | - | - | - | - | - | 18.2 | 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 | | | | | | | | | |
| 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 | | | | | | | | | |
| 1159 | S150 1159 50mm step connector | - | - | - | - | - | 1.0 | 10 | 10 days |



1151



1176



0875



1130



1159

† Not suitable for carriageways of public roads or motorways.

J Indicates availability of side junction for 90° bends.

* Preformed Ø110mm round knockout for vertical outlet.

◆ 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 62.

ACO S200 with bolted grating

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

S200 polymer concrete channel. All channels are manufactured from a polymeric based material and have 200mm internal width with cast iron edge rail complete with 16mm slotted ductile iron gratings and locking bolts.

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



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|--------------------------------|----------------|--------------------------|--------------------------|----------------|----------------|----------------|------------------|--------------|
| ACO S200 polymer concrete constant depth channels with cast iron integral edge rail, complete with ductile iron slotted grating | | | | | | | | | |
| 1427 | S200 2300* | 1000 | 260 | 309 | 279 | 1 | 82.8 | 12 | 10 days |
| 2847 | S200 2310J* | 500 | 260 | 309 | 279 | 1 | 51.2 | 16 | 10 days |
| Closing and outlet end caps with cast iron integral edge rail, closing end cap is reversible to fit either channel end | | | | | | | | | |
| 1516 | S200 closing end cap | - | - | - | - | - | 3.7 | 10 | 10 days |
| 1517 | S200 outlet end cap Ø160mm | - | - | - | - | - | 3.5 | 10 | 10 days |
| Accessories | | | | | | | | | |
| 0058 | 822 drain union PVC-U Ø160mm | - | - | - | - | - | 0.5 | 5 | 4 days |
| 32599 | Polymer concrete repair kit ♦ | - | - | - | - | - | 1.0 | 1 | 10 days |
| 33601 | Gully assembly and bucket 601F | 440 | 440 | 1315 | 870 | 1 | 78.8 | 1 | 4 days |



† Not suitable for carriageways of public roads or motorways.

J Indicates availability of side junction for 90° bends.

* Preformed Ø160mm round knockout for vertical outlet.

♦ 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 additional gully details please refer to page 62.

ACO S300 with bolted grating

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

ACO S300 polymer concrete channel. All channels are manufactured from a polymeric based material and have 300mm internal width with cast iron edge rail complete with 16mm slotted ductile iron gratings and locking bolts.

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



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO S300 polymer concrete constant depth channels with cast iron integral edge rail, complete with ductile iron slotted grating | | | | | | | | | |
| 2632 | S300 2400* | 1000 | 360 | 390 | 360 | 1 | 136.7 | 6 | 10 days |
| 1766 | S300 1766J* | 500 | 360 | 390 | 360 | 1 | 37.0 | 12 | 10 days |
| ACO S300 gully units and accessories | | | | | | | | | |
| 3102 | S300 gully top 2410 | 1000 | 360 | 390 | 360 | 1 | 141.8 | 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 | 24.0 | 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 Ø200mm | - | 160 | n/a | n/a | n/a | 0.8 | 5 | 4 days |
| 32599 | Polymer concrete repair kit+ | - | - | - | - | - | 1.0 | 1 | 10 days |
| Closing and outlet end caps with cast iron integral edge rail, closing end cap is reversible to fit either channel end | | | | | | | | | |
| 2573 | S300 closing end cap | - | - | - | - | - | 6.3 | 10 | 10 days |
| 2574 | S300 outlet end cap Ø200mm | - | - | - | - | - | 5.8 | 10 | 10 days |



2632



1766



0056



2638



7932



2573

† Not suitable for carriageways of public roads or motorways.

J Indicates availability of side junction for 90° bends.

* Preformed Ø110mm round knockout for vertical outlet.

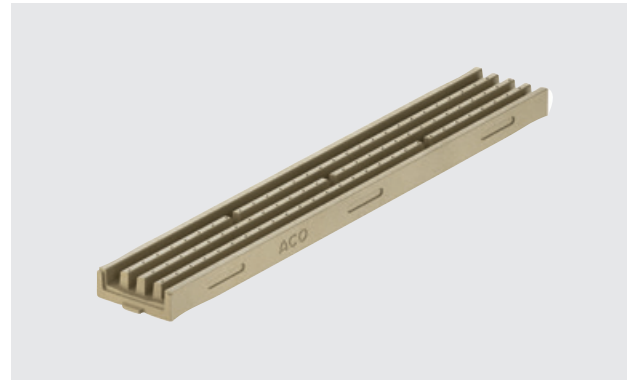
♦ Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets.

Note: For gully details please refer to page 62.

ACO Multislot – Natural

Suitable for Load Class applications C 250

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.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|--------------------------|--------------------------|----------------|------------------|--------------|
| ACO Multislot - natural | | | | | | | |
| 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 |
| 135226 | ACO Multislot L type connection element, natural | 200 | 200 | 50 | 3.0 | 1 | Call sales |
| 135227 | ACO Multislot T type connection element, natural | 200 | 200 | 50 | 2.9 | 1 | Call sales |
| 135228 | ACO Multislot adaptor to change laying direction, natural | 200 | 150 | 50 | 2.5 | 1 | Call sales |
| ACO Multislot outlet and accessories | | | | | | | |
| 01043 | ACO Multislot outlet with double clamping flange D110mm | 360 | 360 | 250 | 4.0 | 1 | Call sales |
| 449195 | ACO Multislot 150 gully including cover and foul air trap | 215 | 215 | 179 | 2.9 | 1 | Call sales |
| 449196 | ACO Multislot 150 gully end including cover and foul air trap | 215 | 215 | 179 | 3.0 | 1 | Call sales |
| 449197 | ACO Multislot 150 installation cover | 1000 | 150 | 25.7 | 1.8 | 100 | Call sales |
| 447813 | ACO Multifix 1 - galvanised steel | 100 | 310 | 331 | 1.5 | 100 | Call sales |
| 448753 | ACO Multifix 1 - stainless steel | 100 | 310 | 331 | 1.81 | 100 | Call sales |



ACO Multislot – Grey

Suitable for Load Class applications C 250

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.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| ACO Multislot - grey | | | | | | | |
| 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 |
| 135229 | ACO Multislot L type connection element, grey | 200 | 200 | 50 | 3.0 | 1 | Call sales |
| 135230 | ACO Multislot T type connection element, grey | 200 | 200 | 50 | 2.9 | 1 | Call sales |
| 135231 | ACO Multislot adaptor to change laying direction, grey | 200 | 150 | 50 | 2.5 | 1 | Call sales |
| ACO Multislot outlet and accessories | | | | | | | |
| 01043 | ACO Multislot outlet with double clamping flange D110mm | 360 | 360 | 250 | 4.0 | 1 | Call sales |
| 449195 | ACO Multislot 150 gully including cover and foul air trap | 215 | 215 | 179 | 2.9 | 1 | Call sales |
| 449196 | ACO Multislot 150 gully end including cover and foul air trap | 215 | 215 | 179 | 3.0 | 1 | Call sales |
| 449197 | ACO Multislot 150 installation cover | 1000 | 150 | 25.7 | 1.8 | 100 | Call sales |
| 447813 | ACO Multifix 1 - galvanised steel | 100 | 310 | 331 | 1.5 | 100 | Call sales |
| 448753 | ACO Multifix 1 - stainless steel | 100 | 310 | 331 | 1.81 | 100 | Call sales |



135213



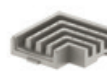
135214



135215



135216



135226



135227



135228



01043



449195



449196



449197



447813



448753

ACO Multislot – Black

Suitable for Load Class applications C 250

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.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|--------------------------|--------------------------|----------------|------------------|--------------|
| ACO Multislot - black | | | | | | | |
| 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 |
| 135232 | ACO Multislot L type connection element, black | 200 | 200 | 50 | 3.0 | 1 | Call sales |
| 135233 | ACO Multislot T type connection element, black | 200 | 200 | 50 | 2.9 | 1 | Call sales |
| 135234 | ACO Multislot adaptor to change laying direction, black | 200 | 150 | 50 | 2.5 | 1 | Call sales |
| ACO Multislot outlet and accessories | | | | | | | |
| 01043 | ACO Multislot outlet with double clamping flange D110mm | 360 | 360 | 250 | 4.0 | 1 | Call sales |
| 449195 | ACO Multislot 150 gully including cover and foul air trap | 215 | 215 | 179 | 2.9 | 1 | Call sales |
| 449196 | ACO Multislot 150 gully end including cover and foul air trap | 215 | 215 | 179 | 3.0 | 1 | Call sales |
| 449197 | ACO Multislot 150 installation cover | 1000 | 150 | 25.7 | 1.8 | 100 | Call sales |
| 447813 | ACO Multifix 1 - galvanised steel | 100 | 310 | 331 | 1.5 | 100 | Call sales |
| 448753 | ACO Multifix 1 - stainless steel | 100 | 310 | 331 | 1.81 | 100 | Call sales |



135221



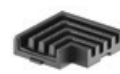
135222



135223



135224



135232



135233



135234



01043



449195



449196



449197



447813



448753

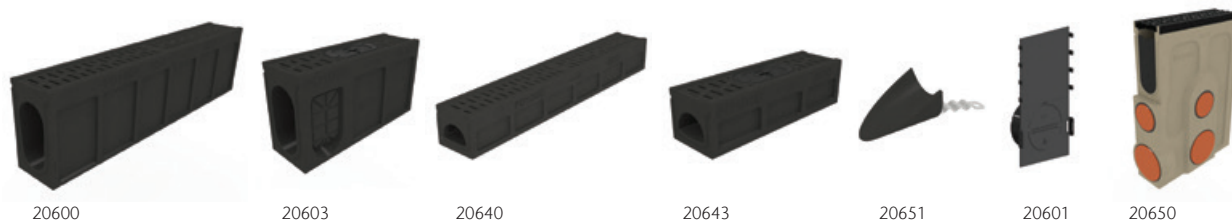
ACO MonoDrain™ PD100D - Black

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

A versatile monocast channel drainage system for surface water conveyance. ACO MonoDrain is a one-piece channel drainage system with an internal width of 100mm, and 8mm HeelGuard™ slots that delivers multiple benefits including safety and sustainability, economical and efficient installation and aesthetic choices across applications such as stations, schools, car parks and commercial areas. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|-------------|--------------------|----------------|---------------|-----------|
| ACO PD100D black polymer concrete constant depth channels and access units | | | | | | | | | | |
| 20600 | PD100D No. 0.0 channel | 1000 | 150 | 185 | 160 | 1/3 | 8 | 32.8 | 28 | 4 days |
| 20610 | PD100D No. 10.0 channel | 1000 | 150 | 225 | 200 | 1/3 | 8 | 36.0 | 28 | 4 days |
| 20620 | PD100D No. 20.0 channel | 1000 | 150 | 265 | 240 | 1/3 | 8 | 39.2 | 21 | 4 days |
| 20630 | PD100D No. 30.0 channel | 1000 | 150 | 305 | 280 | 1/3 | 8 | 42.4 | 21 | 4 days |
| 20603 | PD100D No. 0.3J* access unit | 500 | 150 | 185 | 160 | 1/3 | - | 17.2 | 28 | 4 days |
| 20613 | PD100D No. 10.3J* access unit | 500 | 150 | 225 | 200 | 1/3 | - | 19.1 | 28 | 4 days |
| 20623 | PD100D No. 20.3J* access unit | 500 | 150 | 265 | 240 | 1/3 | - | 20.7 | 28 | 4 days |
| 20633 | PD100D No. 30.3J* access unit | 500 | 150 | 305 | 280 | 1/3 | - | 22.3 | 28 | 4 days |
| ACO PD100D black polymer concrete shallow depth channels and access units | | | | | | | | | | |
| 20640 | PD100D Shallow channel | 1000 | 150 | 135 | 110 | 1 | 8 | 32.8 | 35 | 4 days |
| 20643 | PD100D Shallow* access unit | 500 | 150 | 135 | 110 | 1 | - | 14.5 | 28 | 4 days |
| ACO PD100D step connector for stepped drainage systems | | | | | | | | | | |
| 20651 | MonoDrain PD100D step connector | 100 | 90 | 40 | - | - | - | 0.4 | 10 | 4 days |
| ACO PD100D multifunctional end cap (closing/inlet/outlet) | | | | | | | | | | |
| 20601 | MonoDrain PD100D multifunctional end cap** | - | 150 | 175/ 295 | 50 | - | - | 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 PD100D sump unit with ductile iron edge rail | | | | | | | | | | |
| 20650 | MonoDrain PD100D sump | 500 | 150 | 725 | 706 | - | 8 | 45.3 | 10 | 4 days |
| Sump unit supplied complete with black ductile iron grating | | | | | | | | | | |



† Not suitable for carriageways of public roads or motorways.

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

* Indicates channels supplied with preformed Ø110mm knockout for vertical connection.

Access units are supplied with black ductile iron covers.

Note: For gully details please refer to page 62.

ACO MonoDrain™ PD150D - Black

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

ACO MonoDrain™ PD150D black one-piece general purpose channel drainage system, with an internal width of 150mm and 10mm HeelGuard™ slot width. One-piece channels manufactured from a polymeric based material. Full range accessories available including access and sump units for maintenance, silt management and outlet purposes. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|-------------|--------------------|----------------|---------------|-----------|
| ACO PD150D black polymer concrete constant depth channels and access units | | | | | | | | | | |
| 20800 | PD150D No. 0.0 channel | 1000 | 200 | 235 | 210 | 1/3 | 10 | 50.6 | 15 | 4 days |
| 20810 | PD150D No. 10.0 channel | 1000 | 200 | 275 | 250 | 1/3 | 10 | 53.9 | 15 | 4 days |
| 20820 | PD150D No. 20.0 channel | 1000 | 200 | 315 | 290 | 1/3 | 10 | 57.0 | 15 | 4 days |
| 20803 | PD150D No. 0.3J* access | 500 | 200 | 235 | 210 | 1/3 | - | 26.3 | 20 | 4 days |
| 20813 | PD150D No. 10.3J* access | 500 | 200 | 275 | 250 | 1/3 | - | 27.9 | 20 | 4 days |
| 20823 | PD150D No. 20.3J* access | 500 | 200 | 315 | 290 | 1/3 | - | 29.6 | 20 | 4 days |
| ACO PD150D step connector for stepped drainage systems | | | | | | | | | | |
| 20851 | MonoDrain PD150D step connector | 120 | 150 | 40 | - | - | - | 1.12 | 10 | 4 days |
| ACO PD150D multifunctional end cap | | | | | | | | | | |
| 20801 | MonoDrain PD150D multifunctional end cap** | 3 | 200 | 315 | - | - | - | 0.24 | 10 | 4 days |
| Note. The closing end cap can be cut down to suit all PD100D channels ** PVC-U Ø110mm pipe connection | | | | | | | | | | |
| ACO PD150D sump unit with ductile iron edge rail | | | | | | | | | | |
| 20850 | MonoDrain PD150D sump | 500 | 200 | 761 | 741 | - | 8 | 60.2 | 5 | 4 days |



20800



20803



20851



20801



20850

† Not suitable for carriageways of public roads or motorways.

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

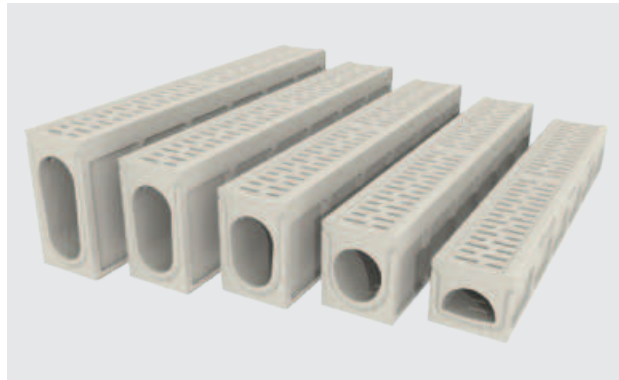
* Indicates channels supplied with preformed Ø160mm knockout for vertical connection.

Access units are supplied with black ductile iron covers

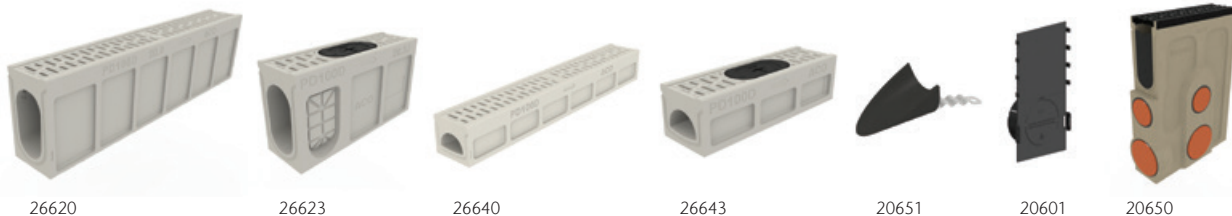
ACO MonoDrain™ PD100D - Grey

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

A versatile monocast channel drainage system for surface water conveyance. ACO MonoDrain is a one-piece channel drainage system with an internal width of 100mm, and 8mm HeelGuard™ slots that delivers multiple benefits including safety and sustainability, economical and efficient installation and aesthetic choices across applications such as stations, schools, car parks and commercial areas. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|-------------|--------------------|----------------|---------------|------------|
| ACO PD100D grey polymer concrete constant depth channels and access units | | | | | | | | | | |
| 26600 | PD100D No. 0.0 channel | 1000 | 150 | 185 | 160 | 1/3 | 8 | 32.8 | 28 | Call sales |
| 26610 | PD100D No. 10.0 channel | 1000 | 150 | 225 | 200 | 1/3 | 8 | 36.0 | 28 | Call sales |
| 26620 | PD100D No. 20.0 channel | 1000 | 150 | 265 | 240 | 1/3 | 8 | 39.2 | 21 | Call sales |
| 26630 | PD100D No. 30.0 channel | 1000 | 150 | 305 | 280 | 1/3 | 8 | 40.8 | 21 | Call sales |
| 26603 | PD100D No. 0.3J* access unit | 500 | 150 | 185 | 160 | 1/3 | - | 17.2 | 28 | Call sales |
| 26613 | PD100D No. 10.3J* access unit | 500 | 150 | 225 | 200 | 1/3 | - | 19.1 | 28 | Call sales |
| 26623 | PD100D No. 20.3J* access unit | 500 | 150 | 265 | 240 | 1/3 | - | 20.7 | 28 | Call sales |
| 26633 | PD100D No. 30.3J* access unit | 500 | 150 | 305 | 280 | 1/3 | - | 21.7 | 28 | Call sales |
| ACO PD100D grey polymer concrete shallow depth channels and access units | | | | | | | | | | |
| 26640 | PD100D Shallow channel | 1000 | 150 | 135 | 110 | 1 | 8 | 32.8 | 35 | Call sales |
| 26643 | PD100D Shallow* access unit | 500 | 150 | 135 | 110 | 1 | - | 14.5 | 28 | Call sales |
| ACO PD100D step connector for stepped drainage systems | | | | | | | | | | |
| 20651 | MonoDrain PD100D step connector | 100 | 90 | 40 | - | - | - | 0.4 | 10 | 4 days |
| ACO PD100D multifunctional end cap (closing/inlet/outlet) | | | | | | | | | | |
| 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 PD100D sump unit with ductile iron edge rail | | | | | | | | | | |
| 20650 | MonoDrain PD100D sump | 500 | 150 | 725 | 706 | - | 8 | 45.3 | 10 | 4 days |
| Sump unit supplied complete with black ductile iron grating | | | | | | | | | | |



† Not suitable for carriageways of public roads or motorways.

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

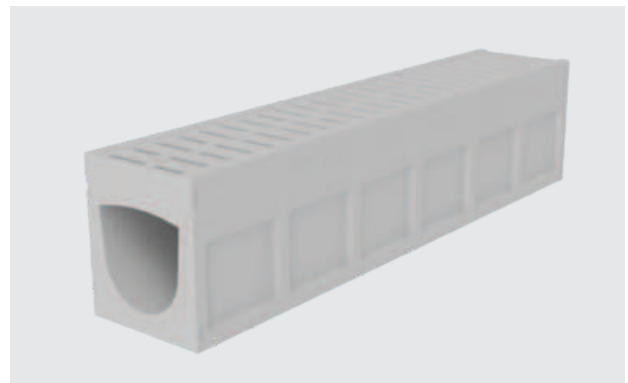
* Indicates channels supplied with preformed Ø110mm knockout for vertical connection.

Access units are supplied with black ductile iron covers.

ACO MonoDrain™ PD150D - Grey

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

ACO MonoDrain™ PD150D grey one-piece general purpose channel drainage system, with an internal width of 150mm and 10mm HeelGuard™ slot width. One-piece channels manufactured from a polymeric based material. Full range accessories available including access and sump units for maintenance, silt management and outlet purposes. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|-------------|--------------------|----------------|---------------|------------|
| ACO PD150D grey polymer concrete constant depth channels and access units | | | | | | | | | | |
| 26800 | PD150D No. 0.0 channel | 1000 | 200 | 235 | 210 | 1/3 | 10 | 50.6 | 15 | Call sales |
| 26810 | PD150D No. 10.0 channel | 1000 | 200 | 275 | 250 | 1/3 | 10 | 50.8 | 15 | Call sales |
| 26820 | PD150D No. 20.0 channel | 1000 | 200 | 315 | 290 | 1/3 | 10 | 54.8 | 15 | Call sales |
| 26803 | PD150D No. 0.3J* access | 500 | 200 | 235 | 210 | 1/3 | - | 25.6 | 20 | Call sales |
| 26813 | PD150D No. 10.3J* access | 500 | 200 | 275 | 250 | 1/3 | - | 27.1 | 20 | Call sales |
| 26823 | PD150D No. 20.3J* access | 500 | 200 | 315 | 290 | 1/3 | - | 28.7 | 20 | Call sales |
| ACO PD150D step connector for stepped drainage systems | | | | | | | | | | |
| 20851 | MonoDrain PD150D step connector | 120 | 150 | 40 | - | - | - | 1.12 | 10 | 4 days |
| ACO PD150D multifunctional end cap | | | | | | | | | | |
| 20801 | MonoDrain PD150D multifunctional end cap** | 3 | 200 | 315 | - | - | - | 0.24 | 10 | 4 days |
| Note. The closing end cap can be cut down to suit all PD100D channels ** PVC-U Ø110mm pipe connection | | | | | | | | | | |
| ACO PD150D sump unit with ductile iron edge rail | | | | | | | | | | |
| 20850 | MonoDrain PD150D sump | 500 | 200 | 761 | 741 | - | 8 | 60.2 | 5 | 4 days |



26800



26803



20851



20801



20850

† Not suitable for carriageways of public roads or motorways.

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

* Indicates channels supplied with preformed Ø160mm knockout for vertical connection.

Access units are supplied with black ductile iron covers.

ACO MonoDrain™ PD100D - Natural

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

A versatile monocast channel drainage system for surface water conveyance. ACO MonoDrain is a one-piece channel drainage system with an internal width of 100mm, and 8mm HeelGuard™ slots that delivers multiple benefits including safety and sustainability, economical and efficient installation and aesthetic choices across applications such as stations, schools, car parks and commercial areas. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|-------------|--------------------|----------------|---------------|------------|
| ACO PD100D natural polymer concrete constant depth channels and access units | | | | | | | | | | |
| 28600 | PD100D No. 0.0 channel | 1000 | 150 | 185 | 160 | 1/3 | 8 | 32.8 | 28 | Call sales |
| 28610 | PD100D No. 10.0 channel | 1000 | 150 | 225 | 200 | 1/3 | 8 | 36.0 | 28 | Call sales |
| 28620 | PD100D No. 20.0 channel | 1000 | 150 | 265 | 240 | 1/3 | 8 | 37.7 | 21 | Call sales |
| 28630 | PD100D No. 30.0 Channel | 1000 | 150 | 305 | 280 | 1/3 | 8 | 42.4 | 21 | Call sales |
| 28603 | PD100D No. 0.3J* access unit | 500 | 150 | 185 | 160 | 1/3 | - | 16.8 | 28 | Call sales |
| 28613 | PD100D No. 10.3J* access unit | 500 | 150 | 225 | 200 | 1/3 | - | 19.1 | 28 | Call sales |
| 28623 | PD100D No. 20.3J* access unit | 500 | 150 | 265 | 240 | 1/3 | - | 20.1 | 28 | Call sales |
| 28633 | PD100D No. 30.3J* access unit | 500 | 150 | 305 | 280 | 1/3 | - | 22.3 | 28 | Call sales |
| ACO PD100D natural polymer concrete shallow depth channels and access units | | | | | | | | | | |
| 28640 | PD100D Shallow channel | 1000 | 150 | 135 | 110 | 1 | 8 | 32.8 | 35 | Call sales |
| 28643 | PD100D Shallow* access unit | 500 | 150 | 135 | 110 | 1 | - | 14.5 | 28 | Call sales |
| ACO PD100D step connector for stepped drainage systems | | | | | | | | | | |
| 20651 | MonoDrain PD100D step connector | 100 | 90 | 40 | - | - | - | 0.4 | 10 | 4 days |
| ACO PD100D multifunctional end cap (closing/inlet/outlet) | | | | | | | | | | |
| 20601 | MonoDrain PD100D multifunctional end cap** | - | 150 | 175/ 295 | 50 | - | - | 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 PD100D sump unit with ductile iron edge rail | | | | | | | | | | |
| 20650 | MonoDrain PD100D sump | 500 | 150 | 725 | 706 | - | 8 | 45.3 | 10 | 4 days |
| Sump unit supplied complete with black ductile iron grating | | | | | | | | | | |
| | | | | | | | | | | |
| 28620 | 28623 | 28640 | 28643 | 20651 | 20601 | 20650 | | | | |

† Not suitable for carriageways of public roads or motorways.

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

* Indicates channels supplied with preformed Ø110mm knockout for vertical connection

Access units are supplied with black ductile iron covers

ACO MonoDrain™ PD150D - Natural

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

ACO MonoDrain™ PD150D natural one-piece general purpose channel drainage system, with an internal width of 150mm and 10mm HeelGuard™ slot width. One-piece channels manufactured from a polymeric based material. Full range accessories available including access and sump units for maintenance, silt management and outlet purposes. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|-------------|--------------------|----------------|---------------|------------|
| ACO PD150D natural polymer concrete constant depth channels and access units | | | | | | | | | | |
| 28800 | PD150D No. 0.0 channel natural | 1000 | 200 | 235 | 210 | 1/3 | 10 | 50.6 | 15 | Call sales |
| 28810 | PD150D No. 10.0 channel natural | 1000 | 200 | 275 | 250 | 1/3 | 10 | 50.8 | 15 | Call sales |
| 28820 | PD150D No. 20.0 channel natural | 1000 | 200 | 315 | 290 | 1/3 | 10 | 54.8 | 15 | Call sales |
| 28803 | PD150D No. 0.3J* access natural | 500 | 200 | 235 | 210 | 1/3 | - | 26.3 | 20 | Call sales |
| 28813 | PD150D No. 10.3J access natural | 500 | 200 | 275 | 250 | 1/3 | - | 27.1 | 20 | Call sales |
| 28823 | PD150D No. 20.3J access natural | 500 | 200 | 315 | 290 | 1/3 | - | 28.7 | 20 | Call sales |
| ACO PD150D step connector for stepped drainage systems | | | | | | | | | | |
| 20851 | MonoDrain PD150D step connector | 120 | 150 | 40 | - | - | - | 1.12 | 10 | 4 days |
| ACO PD150D multifunctional end cap | | | | | | | | | | |
| 20801 | MonoDrain PD150D multifunctional end cap** | 3 | 200 | 315 | - | - | - | 0.24 | 10 | 4 days |
| Note. The closing end cap can be cut down to suit all PD100D channels ** PVC-U Ø110mm pipe connection | | | | | | | | | | |
| ACO PD150D sump unit with ductile iron edge rail | | | | | | | | | | |
| 20850 | MonoDrain PD150D sump | 500 | 200 | 761 | 741 | - | 8 | 60.2 | 5 | 4 days |



28800



28803



20851



20801



20850

† Not suitable for carriageways of public roads or motorways.

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

* Indicates channels supplied with preformed Ø160mm knockout for vertical connection.

Access units are supplied with black ductile iron covers.

ACO MonoDrain™ PD100D and PD150D Accessories

| Product Code | Description | Length [mm] | Width Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|--------------------------|----------------|------------------|--------------|
| Accessories for ACO MonoDrain PD100D | | | | | | |
| 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 Ø 160mm | - | - | 0.8 | 5 | 4 days |
| 23405 | Replacement sump grating | 500 | 123 | 4.1 | 1 | 4 days |
| 32599 | Polymer concrete repair kit | - | - | 1♦ | 1 | 10 days |
| Accessories for ACO MonoDrain PD150D | | | | | | |
| 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 |
| 23164 | Replacement sump grating | 500 | 173 | 6.4 | - | 4 day |
| 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.

ACO RoadDrain® 100

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

ACO RoadDrain® is a high strength monolithic channel system manufactured from a polymeric based material, which delivers high performance drainage in applications subject to dynamic wheel loads, including motorways, ports, docks and aircraft aprons. These channels are fully certified to BS EN 1433:2002 for applications D 400 to F 900. ACO RoadDrain® complies with specification for Highways Works Clause 517.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|--------------------|----------------|---------------|-----------|
| ACO PD100F polymer concrete drainage channels and access units | | | | | | | | | |
| 32110 | PD100F 10.0 channel | 1000 | 160 | 250 | 225 | 15 | 52.5 | 1 | 4 days |
| 32210 | PD100F 20.0 channel | 1000 | 160 | 300 | 275 | 15 | 57.8 | 1 | 4 days |
| 32310 | PD100F 30.0 channel | 1000 | 160 | 350 | 325 | 15 | 63.0 | 1 | 4 days |
| 32410 | PD100F 40.0 channel | 1000 | 160 | 400 | 375 | 15 | 62.8 | 1 | 4 days |
| 32500 | PD100F 50.0 channel | 1000 | 160 | 450 | 425 | 15 | 67.5 | 1 | 4 days |
| 32105 | PD100F 10.3J access* | 500 | 160 | 250 | 225 | - | 28.0 | 1 | 4 days |
| 32205 | PD100F 20.3J access* | 500 | 160 | 300 | 275 | - | 38.6 | 1 | 4 days |
| 32305 | PD100F 30.3J access* | 500 | 160 | 350 | 325 | - | 33.2 | 1 | 4 days |
| 32405 | PD100F 40.3J access* | 500 | 160 | 400 | 375 | - | 32.6 | 1 | 4 days |
| 32505 | PD100F 50.3J access* | 500 | 160 | 450 | 425 | - | 35.0 | 1 | 4 days |
| ACO PD100F multifunctional closing end cap | | | | | | | | | |
| 32509 | PD100F multifunctional end cap* | 500 | 160 | 450 | - | - | 0.36 | 1 | 4 days |
| Note: The closing end cap can be cut down to suit all PD100D channels * PVC-U Ø110mm pipe connection | | | | | | | | | |
| ACO PD100F step connector | | | | | | | | | |
| 30123 | PD100F 123 step connector | 123 | 150 | - | - | - | 0.90 | 1 | 4 days |
| ACO RoadDrain® polymer concrete sump unit | | | | | | | | | |
| 32901 | RoadDrain PD100F sump unit | 500 | 160 | 790 | - | 12 | 68.3 | 1 | 4 days |
| Accessories | | | | | | | | | |
| 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 |



32110



32105



32509



30123



32901

* Preformed Ø110mm round knockout for vertical outlet.

◆ 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 62.

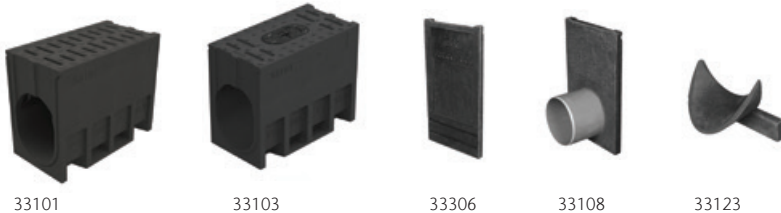
ACO RoadDrain® 200

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

ACO RoadDrain® 200 channel carries the BSI Kitemark™ and is manufactured from a polymeric based material. Internal width 200mm. One-piece black polymer concrete drainage channel. Access units incorporate a polypropylene lid for system maintenance.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|-------------|--------------------|----------------|---------------|-----------|
| One-piece polymer concrete drainage channels and access units | | | | | | | | | | |
| 33101 | PD200 F 10.1 channel | 500 | 260 | 400 | 370 | 1/3 | 15 | 53.3 | 16 | 10 days |
| 33201 | PD200 F 20.1 channel | 500 | 260 | 450 | 420 | 1/3 | 15 | 56.0 | 16 | 10 days |
| 33301 | PD200 F 30.1 channel | 500 | 260 | 500 | 470 | 1/3 | 15 | 58.9 | 16 | 10 days |
| 33103 | PD200 F 10.3 access* | 500 | 260 | 400 | 370 | 1/3 | - | 55.4 | 16 | 10 days |
| 33203 | PD200 F 20.3 access* | 500 | 260 | 450 | 420 | 1/3 | - | 61.6 | 16 | 10 days |
| 33303 | PD200 F 30.3 access* | 500 | 260 | 500 | 470 | 1/3 | - | 63.7 | 16 | 10 days |
| Closing and inlet/outlet end cap, reversible to fit either end of channel (Ø160mm outlet) | | | | | | | | | | |
| 33306 | PD200 F 306 closing end cap | - | - | - | - | - | - | 4.7 | 10 | 10 days |
| 33108 | PD200 F 108 inlet/outlet end cap suitable for 10.1 channel | - | - | - | - | - | - | 4.4 | 10 | 10 days |
| 33208 | PD200 F 208 inlet/outlet end cap suitable for 20.1 channel | - | - | - | - | - | - | 4.9 | 10 | 10 days |
| 33308 | PD200 F 308 inlet/outlet end cap suitable for 30.1 channel | - | - | - | - | - | - | 5.4 | 10 | 10 days |
| Step connector for stepped drainage systems with invert difference of 50mm | | | | | | | | | | |
| 33123 | PD200F 123 50mm step connector | - | - | - | - | - | - | 2.0 | 1 | 10 days |
| Universal Gully units - F 900 assemblies | | | | | | | | | | |
| 33601 | Gully assembly and bucket 601F | 440 | 440 | 315 | 870 | 1 | 19 | 78.8 | 1 | 4 days |
| Accessories | | | | | | | | | | |
| 32599 | Polymer concrete repair kit† | - | - | - | - | - | - | 1.0 | 1 | 10 days |



J Indicates availability of side junction for 90° bends.

* Preformed Ø110mm round knockout for vertical outlet.

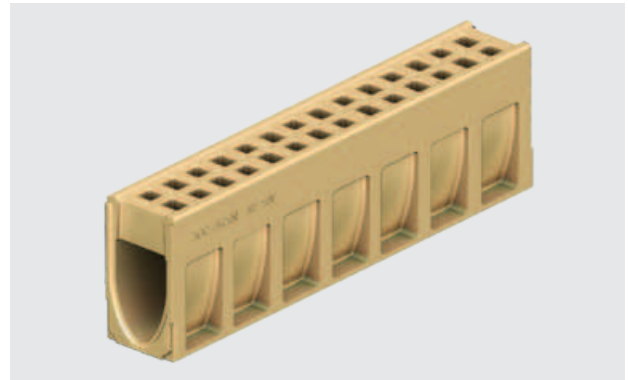
† Repair kit includes 0.5kg tin of natural colour polyester concrete repair resin, grey and black pigment, hardener paste, mixing instructions and material safety data sheets.

Note: For additional gully details please refer to page 62.

ACO H Range RD 100V

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

ACO H Range RD 100V one-piece natural polymer concrete channel. Internal width 100mm. High capacity monocast channel suitable for highways and industrial applications.



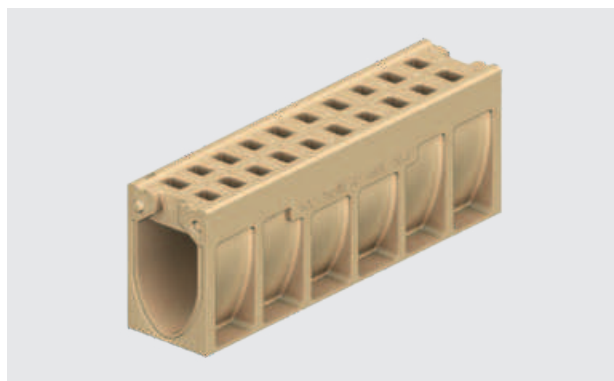
| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|--------------------------|--------------------------|----------------|------------------|--------------|
| One-piece polymer concrete drainage channels and access units | | | | | | | |
| 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 |
| Closing, inlet/outlet end cap and adapter to change flow direction | | | | | | | |
| 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 | 3.0 | 1 | Call sales |
| H Range RD 100V polymer concrete sump units | | | | | | | |
| 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 |
| 01498 | Replacement sump bucket, black polypropylene | - | - | - | 0.3 | 1 | Call sales |



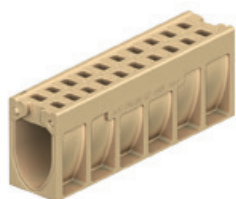
ACO H Range RD 150V

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

ACO H Range RD 150V one-piece natural polymer concrete channel. Internal width 150mm. High capacity monocast channel suitable for highways and industrial applications.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| One-piece polymer concrete drainage channels and access units | | | | | | | |
| 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 |
| Closing, inlet/outlet end cap | | | | | | | |
| 130085 | H Range RD 150V 0.0 closing end cap | - | 210 | 280 | 5.2 | 1 | Call sales |
| 130086 | H Range RD 150V 10.0 closing end cap | - | 210 | 380 | 6.9 | 1 | Call sales |
| 130087 | H Range RD 150V 20.0 closing end cap | - | 210 | 480 | 8.5 | 1 | Call sales |
| 130088 | H Range RD 150V 0.0 inlet/outlet end cap | - | 210 | 280 | 3.8 | 1 | Call sales |
| 130089 | H Range RD 150V 10.0 inlet/outlet end cap | - | 210 | 380 | 5.4 | 1 | Call sales |
| 130090 | H Range RD 150V 20.0 inlet/outlet end cap | - | 210 | 480 | 7.9 | 1 | Call sales |
| H Range RD 150V polymer concrete sump units | | | | | | | |
| 130082 | H Range RD 150V sump unit - top section 0.0 | 660 | 210 | 330 | 48.0 | 1 | Call sales |
| 130083 | H Range RD 150V sump unit - top section 10.0 | 660 | 210 | 430 | 53.0 | 1 | Call sales |
| 130084 | H Range RD 150V sump unit - top section 20.0 | 660 | 210 | 530 | 65.0 | 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 |



130074



130076



130086



130088

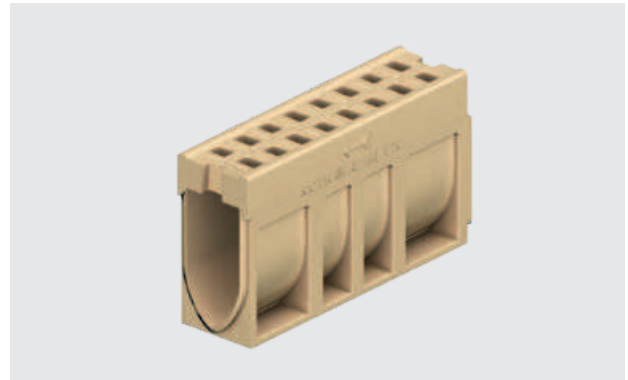


130082

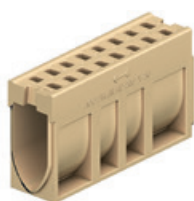
ACO H Range RD 200V

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

ACO H Range RD 200V one-piece natural polymer concrete channel. Internal width 200mm. High capacity monocast channel suitable for highways and industrial applications.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| One-piece polymer concrete drainage channels and access units | | | | | | | |
| 130004 | H Range RD 200V 0.0 channel | 1000 | 260 | 330 | 92.0 | 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 | 51.0 | 1 | Call sales |
| 130019 | H Range RD 200V 20.0 access unit with Ø160mm outlet | 660 | 260 | 530 | 67.0 | 1 | Call sales |
| Closing, inlet/outlet end caps, adapter to change flow direction and slide connection adapter | | | | | | | |
| 130008 | H Range RD 200V closing end cap for beginning of channel 0.0 | 70 | 260 | 330 | 9.0 | 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 | 10.0 | 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 | 8.0 | 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 polymer concrete sump units | | | | | | | |
| 130022 | H Range RD 200V sump unit - top section 0.0 | 660 | 260 | 360 | 48.0 | 1 | Call sales |
| 130023 | H Range RD 200V sump unit - top section 20.0 | 660 | 260 | 560 | 65.0 | 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 |



130005



130018



130009



130012

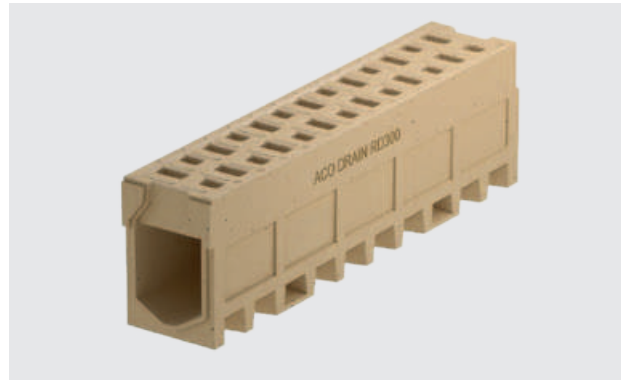


10935

ACO H Range RD 300V

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

ACO H Range RD 300V one-piece natural polymer concrete channel. Internal width 300mm. High capacity monocast channel suitable for highways and industrial applications.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| One-piece polymer concrete drainage channels and access units | | | | | | | |
| 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 | | | | | | | |
| 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 | 34.0 | 1 | Call sales |
| H Range RD 300V polymer concrete sump units | | | | | | | |
| 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 | 72.0 | 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 |
| 1617 | H Range RD 300V sump unit - silt bucket | - | - | - | 6.2 | 1 | Call sales |



10820



10803



10802



10805



10823

ACO Universal Gully

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

The ACO Universal Gully provides fast and simple connection between any channel up to 200mm bore width in the ACO channel drainage range. The high capacity system can be used for silt management and also as an outlet for the drainage system. Manufactured using recycled polyethylene and ductile iron.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Slot Width [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|--------------------------------|----------------|-----------------------|-----------------------|--------------------|----------------|-------------|----------------|---------------|-----------|
| ACO Universal Gully units – D 400 assemblies | | | | | | | | | | |
| 33401 | Gully assembly and bucket 601D | 440 | 440 | 1315 | 10 | 870 | 1 | 52.5 | 1 | 4 days |
| 33402 | Gully assembly no bucket 602D | 440 | 440 | 1315 | 10 | 870 | 1 | 51.0 | 1 | 4 days |
| 33407 | Gully top assembly only 607D | 440 | 440 | 650 | 10 | - | 1 | 45.0 | 1 | 4 days |
| 44355 | Grating and frame 600D | 400* | 564 †† | 100 | 10 | - | 1 | 40.0 | 1 | 4 days |
| ACO Universal Gully units – F 900 assemblies | | | | | | | | | | |
| 33601 | Gully assembly and bucket 601F | 440 | 440 | 1315 | 19 | 870 | 1 | 78.8 | 1 | 4 days |
| 33602 | Gully assembly no bucket 602F | 440 | 440 | 1315 | 19 | 870 | 1 | 77.4 | 1 | 4 days |
| 33607 | Gully top assembly only 607F | 440 | 440 | 650 | 19 | - | 1 | 73.1 | 1 | 4 days |
| 33604 | Grating and frame 604F | 400* | 660 †† | 100 | 19 | - | 1 | 69.5 | 10 | 4 days |
| ACO Universal Gully components | | | | | | | | | | |
| 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 |



* Clear opening size
†† Over frame size

ACO KerbDrain® HB255

Suitable for Load Class applications C 250, D 400

ACO KerbDrain® HB255 one-piece combined kerb and drainage unit with 100 - 125mm upstand. The system carries the BSI Kitemark™ and is manufactured from a polymeric based material. The weight has been reduced to suit manual handling. The system is available in 1000mm and 500mm units. Internal width 80mm.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO KerbDrain® HB255 Half battered kerb units | | | | | | | | | |
| 7950 | KDHB255 1000mm | 1000 | 125 | 255 | 235 | 1 | 39.1 | 18 | 4 days |
| 7958 | KDHB255 500mm | 500 | 125 | 255 | 235 | 1 | 19.2 | 36 | 4 days |
| ACO KerbDrain® HB255 Half battered access unit | | | | | | | | | |
| 7949 | KDHB255 access unit* | 500 | 125/150 | 255 | 235 | 1 | 23.4 | 14 | 4 days |
| ACO KerbDrain® HB255 Half battered flush drainable drop kerb units | | | | | | | | | |
| 7956 | KDHB255 LH drop kerb | 1000 | 125/150 | 255/130 | 235/105 | 1 | 39.4 | 24 | 4 days |
| 7957 | KDHB255 RH drop kerb | 1000 | 125/150 | 255/130 | 235/105 | 1 | 39.4 | 24 | 4 days |
| ACO KerbDrain® HB255 Half battered flush drainable centre stone 0-6mm upstand | | | | | | | | | |
| 7955 | KDHB255 centre stone | 1000 | 150 | 125 | 105 | 1 | 23.2 | 28 | 4 days |
| ACO KerbDrain® HB255 Multifunctional end cap with 110mm diameter outlet | | | | | | | | | |
| 4941 | KerbDrain® HB255, SP280 & HB305 multifunctional end cap | 70 | 160 | 245 | 225 | - | 0.16 | 10 | 4 days |
| ACO KerbDrain® Inlet Plug | | | | | | | | | |
| 4250 | KerbDrain HB Inlet Plug | 106 | 77 | 35 | - | - | 0.04 | - | 4 days |



7958



7949



7956



7955

* Preformed Ø110mm round knockout for vertical outlet.

Note: For gully details please refer to page 75.

ACO KerbDrain® SP280

Suitable for Load Class applications C 250, D 400

ACO KerbDrain® SP280 one-piece combined kerb and drainage unit with 75mm - 100mm upstand. The system carries the BSI Kitemark™ and is manufactured from a polymeric based material. The system is available in 500mm and 1000mm units. Internal width 100mm.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO KerbDrain® SP280 Splayed kerb units | | | | | | | | | |
| 7930 | KDSP280 1000mm | 1000 | 150 | 280 | 255 | 1 | 46.9 | 14 | 4 days |
| 7935 | KDSP280 500mm | 500 | 150 | 280 | 255 | 1 | 23.5 | 28 | 4 days |
| ACO KerbDrain® SP280 Splayed access unit | | | | | | | | | |
| 7937 | KDSP280 access unit* | 500 | 150/190 | 280 | 255 | 1 | 30.1 | 28 | 4 days |
| ACO KerbDrain® SP280 Splayed drop kerb units | | | | | | | | | |
| 7938 | KDSP280 LH drop kerb | 1000 | 150 | 280 | 255 | 1 | 46.2 | 16 | 4 days |
| 7939 | KDSP280 RH drop kerb | 1000 | 150 | 280 | 255 | 1 | 46.2 | 16 | 4 days |
| ACO KerbDrain® SP280 Splayed centre stone 25mm upstand | | | | | | | | | |
| 7965 | KerbDrain® SP280/HB305 centre stone | 915 | 150 | 205 | 180 | 1 | 47.0 | 21 | 4 days |
| 4993 | KerbDrain® SP280/HB305 centre stone access unit | 500 | 150 | 205 | 180 | 1 | 22.6 | 28 | 4 days |
| 4982 | KerbDrain® SP280/HB305 perforated centre stone | 915 | 150 | 205 | 180 | 1 | 45.2 | 21 | 4 days |
| 4997 | HeelGuard™ insert (4 per unit required) | 50 | - | - | - | - | 0.1 | 4 | 4 days |
| ACO KerbDrain® SP280 Splayed transition units | | | | | | | | | |
| 7941 | KDSP280 LH transition unit | 500 | 150 | 280/305 | 280/225 | 1 | 23.4 | 32 | 4 days |
| 7940 | KDSP280 RH transition unit | 500 | 150 | 280/305 | 280/225 | 1 | 23.4 | 32 | 4 days |
| ACO KerbDrain® SP280 Multifunctional end cap with 110mm diameter outlet | | | | | | | | | |
| 4941 | KerbDrain® HB255, SP280 & HB305 multifunctional end cap | 70 | 160 | 245 | 225 | - | 0.16 | 10 | 4 days |
| ACO KerbDrain® Inlet Plug | | | | | | | | | |
| 4251 | KerbDrain SP Inlet Plug | 78 | 71 | 45 | - | - | 0.04 | - | 4 days |



7930



7935



7938



7941



4251

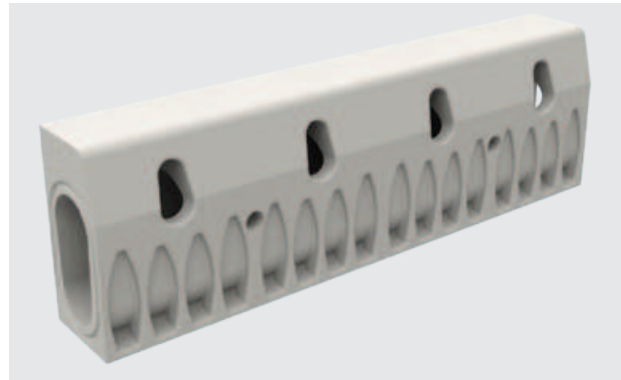
* Preformed Ø110mm round knockout for vertical outlet.

Note: For gully details please refer to page 74.

ACO KerbDrain® HB305

Suitable for Load Class applications C 250, D 400

ACO KerbDrain® HB305 one-piece combined kerb and drainage unit with 100mm - 125mm upstand. The system carries the BSI Kitemark™ and is manufactured from a polymeric based material. The system is available in 1000mm, 500mm and 250mm units. Internal width 100mm.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|------------|
| ACO KerbDrain® HB305 Half battered kerb units | | | | | | | | | |
| 7959 | KDHB305 1000mm | 1000 | 150 | 305 | 280 | 1 | 53.3 | 14 | 4 days |
| 7961 | KDHB305 500mm | 500 | 150 | 305 | 280 | 1 | 27.0 | 28 | 4 days |
| 7972 | KDHB305 500mm blind unit | 500 | 150 | 305 | 280 | 1 | 28.0 | 28 | 4 days |
| 7960 | KDHB305 250mm | 250 | 150 | 305 | 280 | 1 | 12.5 | 28 | Call sales |
| ACO KerbDrain® HB305 Half battered access unit | | | | | | | | | |
| 7962 | KDHB305 access unit* | 500 | 150 | 305 | 280 | 1 | 30.8 | 56 | 4 days |
| ACO KerbDrain® HB305 Half battered drop kerb units | | | | | | | | | |
| 7966 | KDHB305 LH drop kerb | 915 | 150 | 305/205 | 280/180 | 1 | 50.7 | 20 | 4 days |
| 7967 | KDHB305 RH drop kerb | 915 | 150 | 305/205 | 280/180 | 1 | 50.2 | 20 | 4 days |
| ACO KerbDrain® HB305 Half battered/SP280 Splayed centre stone 25mm upstand | | | | | | | | | |
| 7965 | KerbDrain® HB305/SP280 centre stone | 915 | 150 | 205 | 180 | 1 | 47.0 | 21 | 4 days |
| 4993 | KerbDrain® HB305/SP280 centre stone access unit | 500 | 150 | 205 | 180 | - | 22.6 | 28 | 4 days |
| ACO KerbDrain® HB305 Half battered perforated centre stone 25mm upstand | | | | | | | | | |
| 4982 | KDHB305 perforated centre stone | 915 | 150 | 205 | 180 | 1 | 45.2 | 21 | 4 days |
| 4997 | HeelGuard™ insert (4 per unit required) | 50 | | | - | - | 0.1 | 4 | 4 days |
| ACO KerbDrain® HB305 Bullnosed bus stop kerb units 180mm upstand | | | | | | | | | |
| 4356 | KDHB305 bus stop kerb | 500 | 150 | 360 | 335 | 1 | 38.3 | 14 | 4 days |
| ACO KerbDrain® HB305 Bullnosed bus stop kerb transition units 180mm upstand | | | | | | | | | |
| 4358 | KDHB305 LH BS transition kerb | 1000 | 150 | 360/305 | 280/335 | 1 | 70.6 | 12 | 4 days |
| 4357 | KDHB305 RH BS transition kerb | 1000 | 150 | 360/305 | 280/335 | 1 | 70.6 | 12 | 4 days |



7961



7962



7967



4356

* Preformed Ø110mm round knockout for vertical outlet.

| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO KerbDrain® HB305 Half battered left and right hand flush drainable drop kerb assembly straight | | | | | | | | | |
| 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 centre stone straight 0-6mm upstand | | | | | | | | | |
| 7992 | KDHB305 drainable centre stone | 1000 | 150 | 180 | 155 | 1 | 36.8 | 1 | 4 days |
| ACO KerbDrain® HB305 Half battered flush drainable centre stone 6m external radius | | | | | | | | | |
| 4985 | KDHB305 flush drainable centre stone | 496 | 150 | 180 | 155 | 1 | 19.3 | 21 | 4 days |
| ACO KerbDrain® HB305 Half battered mitre units | | | | | | | | | |
| 7968 | KDHB305 7-6m external mitre | 500/487 | 150 | 305 | 280 | 1 | 27.2 | 28 | 4 days |
| 7969 | KDHB305 10-8m external mitre | 500/490 | 150 | 305 | 280 | 1 | 27.2 | 28 | 4 days |
| 7970 | KDHB305 25-11m external mitre | 500/493 | 150 | 305 | 280 | 1 | 27.5 | 28 | 4 days |
| 7971 | KDHB305 25-11m internal mitre | 500/503 | 150 | 305 | 280 | 1 | 28.0 | 28 | 4 days |
| ACO KerbDrain® HB305 Half battered 6m external radius kerb | | | | | | | | | |
| 4984 | KDHB305 6m external radius | 496 | 150 | 305 | 280 | 1 | 28.8 | 28 | 4 days |
| ACO KerbDrain® HB305 Half battered 1.8m external radius kerb | | | | | | | | | |
| 4990 | KDHB305 1.8m radius | 470 | 150 | 305 | 280 | 1 | 28.0 | 28 | 4 days |
| ACO KerbDrain® HB305 Half battered quadrant | | | | | | | | | |
| 4992 | KDHB305 quadrant | 305 | 305 | 305 | 280 | 1 | 33.2 | 16 | 4 days |
| ACO KerbDrain® HB305 Half battered 90° internal angle | | | | | | | | | |
| 4991 | KDHB305 internal angle | 305 | 150 | 305 | 280 | 1 | 24.7 | 16 | 4 days |
| ACO KerbDrain® HB305 Multifunctional end cap with 110mm diameter outlet | | | | | | | | | |
| 4941 | KerbDrain® HB255, SP280 & HB305 multifunctional end cap | 70 | 160 | 245 | 225 | - | 0.16 | 10 | 4 days |
| ACO KerbDrain® Inlet Plug | | | | | | | | | |
| 4250 | KerbDrain HB Inlet Plug | 106 | 77 | 35 | - | - | 0.04 | - | 4 days |



7995



7992



4985



7968



7970



4984



4992



4991



4941

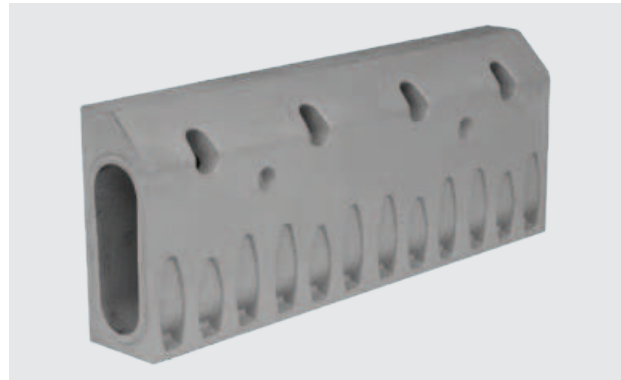


4250

ACO KerbDrain® SP380

Suitable for Load Class applications C 250, D 400

ACO KerbDrain® SP380 one-piece combined kerb and drainage unit with 75mm - 100mm upstand. The system carries the BSI Kitemark™ and is manufactured from a polymeric based material. The system is available in 500mm and 1000mm units. Internal width 100mm.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO KerbDrain® SP380 Splayed kerb units | | | | | | | | | |
| 4241 | KDSP380 1000mm | 1000 | 150 | 380 | 355 | 1 | 60.3 | 14 | 4 days |
| 4240 | KDSP380 500mm | 500 | 150 | 380 | 355 | 1 | 29.3 | 28 | 4 days |
| ACO KerbDrain® SP380 Splayed access unit | | | | | | | | | |
| 4242 | KDSP380 access unit* | 500 | 193 | 380 | 355 | 1 | 39.9 | 14 | 4 days |
| ACO KerbDrain® SP380 Splayed drop kerb units | | | | | | | | | |
| 4243 | KDSP380 LH drop kerb | 1000 | 150 | 380/305 | 355/280 | 1 | 61.6 | 15 | 4 days |
| 4244 | KDSP380 RH drop kerb | 1000 | 150 | 380/305 | 355/280 | 1 | 61.6 | 15 | 4 days |
| ACO KerbDrain® SP380 Splayed centre stone with 25mm upstand | | | | | | | | | |
| 4236 | KDSP380 centre stone | 1000 | 150 | 305 | 280 | 1 | 60.3 | 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 transition units | | | | | | | | | |
| 4245 | KDSP380 LH transition unit | 500 | 150 | 405/380 | 380/355 | 14 | 32.1 | 24 | 4 days |
| 4246 | KDSP380 RH transition unit | 500 | 150 | 405/380 | 380/355 | 14 | 32.1 | 24 | 4 days |
| ACO KerbDrain® SP380 Multifunctional end cap with 160mm diameter outlet | | | | | | | | | |
| 4249 | KerbDrain® SP380, HB405, SP455, HB480 & SP480 multifunctional end cap | 85 | 160 | 420 | 394 | - | 0.32 | 10 | 4 days |
| ACO KerbDrain® Inlet Plug | | | | | | | | | |
| 4251 | KerbDrain SP Inlet Plug | 78 | 71 | 45 | - | - | 0.04 | - | 4 days |



4240



4242



4243



4245



4249



4251

ACO KerbDrain® HB405

Suitable for Load Class applications C 250, D 400

ACO KerbDrain® HB405 one-piece combined kerb and drainage unit with 100mm - 125mm upstand. The system carries the BSI Kitemark™ and is manufactured from a polymeric based material. The system is available in 500mm and 1000mm units. Internal width 100mm.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|------------|
| ACO KerbDrain® HB405 Half battered kerb units | | | | | | | | | |
| 4232 | KDHB405 1000mm | 1000 | 150 | 405 | 380 | 1 | 64.0 | 14 | 4 days |
| 4231 | KDHB405 500mm | 500 | 150 | 405 | 380 | 1 | 31.6 | 28 | 4 days |
| 4230 | KDHB405 500mm blind unit | 500 | 150 | 405 | 380 | 1 | 33.2 | 28 | 4 days |
| ACO KerbDrain® HB405 Half battered access unit | | | | | | | | | |
| 4233 | KDHB405 access unit* | 500 | 150 | 405 | 380 | 1 | 36.0 | 14 | 4 days |
| ACO KerbDrain® HB405 Half battered drop kerb units | | | | | | | | | |
| 4234 | KDHB405 LH drop kerb | 1000 | 150 | 405/305 | 380/280 | 1 | 64.2 | 15 | 4 days |
| 4235 | KDHB405 RH drop kerb | 1000 | 150 | 405/305 | 380/280 | 1 | 64.2 | 15 | 4 days |
| ACO KerbDrain® HB405 Half battered centre stone with 25mm upstand | | | | | | | | | |
| 4236 | KDHB405 centre stone | 1000 | 150 | 305 | 280 | 1 | 60.3 | 14 | 4 days |
| 32716 | HB405/SP380/BN305 centre stone access unit | 500 | 150 | 305 | 280 | - | 25.9 | 28 | Call sales |
| ACO KerbDrain® HB405 Half battered perforated centre stone 25mm upstand | | | | | | | | | |
| 4350 | KDHB405 perforated centre stone | 1000 | 150 | 305 | 280 | 1 | 59.7 | 14 | 4 days |
| 4997 | HeelGuard™ insert (4 per unit required) | 50 | - | - | - | - | 0.1 | 4 | 4 days |
| ACO KerbDrain® HB405 Bullnosed bus stop kerb units 180mm upstand | | | | | | | | | |
| 4359 | KDHB405 BN bus stop kerb | 500 | 150 | 460 | 435 | 1 | 43.2 | 14 | 4 days |
| ACO KerbDrain® HB405 Bullnosed bus stop kerb transition units 180mm upstand | | | | | | | | | |
| 4361 | KDHB405 LH BN bus stop transition kerb | 1000 | 150 | 460/405 | 380/435 | 1 | 82.6 | 10 | 4 days |
| 4360 | KDHB405 RH BN bus stop transition kerb | 1000 | 150 | 460/405 | 380/435 | 1 | 82.6 | 10 | 4 days |



4231



4233



4234



4245

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

| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO KerbDrain® HB405 Half battered left and right hand flush drainable drop kerb assembly straight | | | | | | | | | |
| 4367 | KDHB405 flush LH drop kerb | 1500 | 150 | 405/280 | 380/255 | 1 | 96.1 | 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 centre stone straight 0-6mm upstand | | | | | | | | | |
| 4362 | KDHB405 drainable centre stone | 1000 | 150 | 280 | 255 | 1 | 48.7 | 14 | 4 days |
| ACO KerbDrain® HB405 Half battered mitre units | | | | | | | | | |
| 4353 | KDHB405 7-6m external mitre | 500/487 | 150 | 405 | 380 | 1 | 32.6 | 28 | 4 days |
| 4352 | KDHB405 10-8m external mitre | 500/490 | 150 | 405 | 380 | 1 | 32.7 | 28 | 4 days |
| 4351 | KDHB405 25-11m external mitre | 500/493 | 150 | 405 | 380 | 1 | 32.8 | 28 | 4 days |
| 4354 | KDHB405 25-11m internal mitre | 500/503 | 150 | 405 | 380 | 1 | 33.2 | 28 | 4 days |
| ACO KerbDrain® HB405 Half battered 6m external radius kerb | | | | | | | | | |
| 4355 | KDHB405 6m external radius | 496 | 150 | 405 | 380 | 1 | 33.9 | 28 | 4 days |
| ACO KerbDrain® HB405 Multifunctional end cap with 160mm diameter outlet | | | | | | | | | |
| 4249 | SP380, HB405, SP455, HB480 & SP480 multifunctional end cap | 85 | 160 | 420 | 394 | - | 0.32 | 10 | 4 days |
| ACO KerbDrain® Inlet Plug | | | | | | | | | |
| 4250 | KerbDrain HB Inlet Plug | 106 | 77 | 35 | - | - | 0.04 | - | 4 days |



4367



4368



4353



4249



4250



ACO KerbDrain® SP455

Suitable for Load Class applications C 250, D 400

ACO KerbDrain® SP455 Splayed one-piece combined kerb and drainage unit with 75mm - 100mm upstand. The system carries the BSI Kitemark™ and is manufactured from a polymeric based material.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|--------------------------|--------------------------|----------------|----------------|----------------|------------------|--------------|
| ACO KerbDrain® SP455 Splayed kerb unit | | | | | | | | | |
| 4375 | KDSP455 1000mm channel unit | 1000 | 150 | 455 | 430 | 1 | 73.3 | 14 | 4 days |
| 4370 | KDSP455 500mm channel unit | 500 | 150 | 455 | 430 | 1 | 36.5 | 28 | 4 days |
| ACO KerbDrain® SP455 Splayed access unit | | | | | | | | | |
| 4371 | KDSP455 access unit | 500 | 194 | 455 | 430 | 1 | 49.3 | 12 | 4 days |
| ACO KerbDrain® SP455 Splayed drop kerb units | | | | | | | | | |
| 4379 | KDSP455 LH drop kerb | 915 | 150 | 455/375 | 429/348 | 1 | 61.3 | 10 | 4 days |
| 4378 | KDSP455 RH drop kerb | 915 | 150 | 455/375 | 429/348 | 1 | 62.0 | 10 | 4 days |
| ACO KerbDrain® SP455 Splayed centre stone 25mm upstand | | | | | | | | | |
| 4933 | SP455/HB480 centre stone | 915 | 150 | 375 | 350 | 1 | 62.5 | 14 | 4 days |
| 4983 | SP455/HB480 perforated centre stone | 915 | 150 | 375 | 350 | 1 | 63.0 | 14 | 4 days |
| 4997 | HeelGuard™ insert (4 per unit required) | 50 | - | - | - | - | 0.1 | 4 | 4 days |
| ACO KerbDrain® SP455 Splayed transition units | | | | | | | | | |
| 4372 | KDSP455 SP455 LH transition unit | 500 | 150 | 480/430 | 455/430 | 1 | 38.1 | 24 | 4 days |
| 4373 | KDSP455 SP455 RH transition unit | 500 | 150 | 480/430 | 455/430 | 1 | 38.1 | 24 | 4 days |
| ACO KerbDrain® SP455 Multifunctional end cap with 160mm diameter outlet | | | | | | | | | |
| 4249 | SP380, HB405, SP455, HB480 & SP480 multifunctional end cap | 85 | 160 | 420 | 394 | - | 0.32 | 10 | 4 days |
| ACO KerbDrain® Inlet Plug | | | | | | | | | |
| 4251 | KerbDrain SP Inlet Plug | 78 | 71 | 45 | - | - | 0.04 | - | 4 days |



4370



4371



4379



4372



4249



4251

ACO KerbDrain® HB480

Suitable for Load Class applications C 250, D 400

ACO KerbDrain® HB480 one-piece combined kerb and drainage unit with 100mm - 125mm upstand. The system carries the BSI Kitemark™ and is manufactured from a polymeric based material. Internal width 100mm.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO KerbDrain® HB480 Half battered kerb units | | | | | | | | | |
| 4925 | KDHB480 1000mm channel unit | 1000 | 150 | 480 | 455 | 1 | 77.2 | 14 | 4 days |
| 4926 | KDHB480 500mm channel unit | 500 | 150 | 480 | 455 | 1 | 37.3 | 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 | | | | | | | | | |
| 4927 | KDHB480 access unit* | 500 | 150 | 480 | 455 | 1 | 38.4 | 28 | 4 days |
| ACO KerbDrain® HB480 Half battered drop kerb units | | | | | | | | | |
| 4931 | KDHB480 LH drop kerb | 915 | 150 | 480/375 | 455/350 | 1 | 69.0 | 10 | 4 days |
| 4932 | KDHB480 RH drop kerb | 915 | 150 | 480/375 | 455/350 | 1 | 68.4 | 10 | 4 days |
| ACO KerbDrain® HB480 Half battered centre stone 25mm upstand | | | | | | | | | |
| 4933 | KDHB480 centre stone | 915 | 150 | 375 | 350 | 1 | 62.5 | 14 | 4 days |
| ACO KerbDrain® HB480 Half battered perforated centre stone 25mm upstand | | | | | | | | | |
| 4983 | KDHB480 perforated centre stone | 915 | 150 | 375 | 350 | 1 | 63.0 | 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 | | | | | | | | | |
| 4964 | KDHB480 bus stop kerb | 500 | 150 | 535 | 510 | 1 | 44.9 | 28 | 4 days |
| ACO KerbDrain® HB480 Bullnosed bus stop kerb transition units 180mm upstand | | | | | | | | | |
| 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 |



4926



4927



4933



4983

| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Invert Type | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|-------------|----------------|---------------|-----------|
| ACO KerbDrain® HB480 Half battered mitre units | | | | | | | | | |
| 4934 | KDHB480 7-6m external mitre | 500/487 | 150 | 480 | 455 | 1 | 37.5 | 28 | 4 days |
| 4935 | KDHB480 10-8m external mitre | 500/490 | 150 | 480 | 455 | 1 | 37.0 | 28 | 4 days |
| 4936 | KDHB480 25-11m external mitre | 500/493 | 150 | 480 | 455 | 1 | 36.5 | 28 | 4 days |
| 4937 | KDHB480 25-11m internal mitre | 500/503 | 150 | 480 | 455 | 1 | 37.4 | 28 | 4 days |
| ACO KerbDrain® HB480 Half battered cable loop unit | | | | | | | | | |
| 4943 | KDHB480 cable loop | 150 | 150 | 480 | 455 | 1 | 12.2 | 16 | 4 days |
| ACO KerbDrain® HB480 Multifunctional end cap with 160mm diameter outlet | | | | | | | | | |
| 4249 | SP380, HB405, SP455, HB480 & SP480 multifunctional end cap | 85 | 160 | 420 | 394 | - | 0.32 | 10 | 4 days |
| ACO Junction channel black | | | | | | | | | |
| 32310 | KDHB480 junction unit | 1000 | 160 | 350 | 325 | - | 58.1 | 1 | 4 days |
| 32305 | KDHB480 junction access unit | 500 | 160 | 350 | 325 | - | 30.2 | 1 | 4 days |
| ACO KerbDrain® HB480 Half battered junction channel inlet/outlet end cap | | | | | | | | | |
| 32509 | KDHB480 junction end cap | 500 | 160 | 450 | - | - | 0.36 | 1 | 4 days |
| ACO KerbDrain® Inlet Plug | | | | | | | | | |
| 4250 | KerbDrain HB Inlet Plug | 106 | 77 | 35 | - | - | 0.04 | - | 4 days |



4934



4936



4943



4250

NEW! ACO KerbDrain® Inlet Plugs

Reduces cost and CO₂ emissions related to maintenance during installation.

Specifically designed to assist in avoiding costly cleaning caused by debris entering the channels during the installation period. There are two products for our KerbDrain D400 Half Batter and Splay systems, which closes the inlet holes on the channels during initial installation and also the installation of any finished road surface. This helps to reduce the amount of debris associated with installation, from falling into the channels, which leads to costly and time consuming cleaning, which could delay completion of time specific site hand over.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|----------------------------------|-------------------------|----------------|-----------------------|-----------------------|----------------|---------------|-----------|
| ACO KerbDrain® Inlet Plug | | | | | | | |
| 4250 | KerbDrain HB Inlet Plug | 106 | 77 | 35 | 0.04 | - | 4 days |
| 4251 | KerbDrain SP Inlet Plug | 78 | 71 | 45 | 0.04 | - | 4 days |



Photo shows Installation prior to completion

ACO KerbDrain® Splayed Gully and KerbDrain® Accessories

ACO KerbDrain® splayed gully units provide the outfall connection of the system to traditional underground drainage or road gullies, management of silt, and access for maintenance and cleaning. The gully unit also provides fast and simple connection between any sizes of splayed unit within the ACO KerbDrain® range.



| Product Code | Description | Weight [kg] | Pack Quantity | Lead Time |
|---|---|-------------|---------------|-----------|
| ACO KerbDrain® Splayed gully unit assemblies | | | | |
| 4380 | KDSPG splayed gully access top assembly | 76.7 | 1 | 4 days |
| 4381 | KDSP610 splayed gully access and shallow base assembly* | 110.47 | 1 | 4 days |
| 4382 | KDSP611 splayed gully access top and deep base assembly* | 119.14 | 1 | 4 days |
| 4383 | KDSP612RE splayed gully access top and foul air trap deep base* | 119.44 | 1 | 4 days |
| 4384 | KDSP615 splayed gully access top and road gully connector assembly* | 88.41 | 1 | 4 days |
| * includes gully bucket | | | | |
| ACO KerbDrain® Splayed gully unit components | | | | |
| 4377 | KDP splayed gully access frame and cover only | 45.7 | 12 | 4 days |
| 4930 | KDSP Splayed gully top intermediate unit only | 29.4 | 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 | | | | |
| 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 |



4380



4381



4382



4383



4384



0056



2638



7932



1367

ACO KerbDrain® Half Battered Gully and KerbDrain® Accessories

ACO KerbDrain® half battered gully units provide the outfall connection of the system to traditional underground drainage or road gullies, management of silt, and access for maintenance and cleaning. The gully unit also provides fast and simple connection between any sizes of half battered unit within the ACO KerbDrain® range.



| Product Code | Description | Weight [kg] | Pack Quantity | Lead Time |
|---|--|-------------|---------------|-----------|
| ACO KerbDrain® Half battered gully unit assemblies | | | | |
| 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 | 1 | 4 days |
| 4183 | KDHB611 half battered gully access top and deep base assembly* | 124 | 1 | 4 days |
| 4184 | KDHB612RE half battered gully access top and deep base with roddable foul air trap assembly* | 124 | 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® Half battered gully unit components | | | | |
| 4929 | KDHB half battered gully access frame and cover only | 50.8 | 12 | 4 days |
| 4930 | KDHB half battered gully top intermediate unit only | 29.4 | 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 | | | | |
| 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 |



NEW! ACO KerbDrain® E Class

Suitable for Load Class applications C 250, D 400, E 600

Certified up to Load Class E 600, KerbDrain E channels are ideal for areas subject to higher wheel loads, such as junctions and roundabouts. With high-capacity channels available for larger catchment areas, the KerbDrain E 600 range delivers maximum durability and efficient surface water conveyance for Highways projects. Each KerbDrain channel has an upstand of 100 and 125mm.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|--------------------------|--------------------------|----------------|----------------|------------------|--------------|
| ACO KerbDrain® HB305E Half battered | | | | | | | | |
| 32002 | HB305E channel 500mm E 600 | 500 | 190 | 305 | 280 | 42.2 | 24 | Call sales |
| 32003 | HB305E access unit 500mm E 600 | 500 | 190 | 305 | 280 | 41.3 | 24 | Call sales |
| 32033 | HB305E LH gully or D/E transition unit D 400 | 500 | 150/190 | 305 | 280 | 38.2 | 24 | Call sales |
| 32032 | HB305E RH gully or E/D transition unit D 400 | 500 | 190/150 | 305 | 280 | 38.2 | 24 | Call sales |
| ACO KerbDrain® HB305 D/E Multifunctional end cap with 110mm diameter outlet | | | | | | | | |
| 4941 | HB305 D/E multifunctional end cap | 3 | 160 | 245 | n/a | 0.16 | 10 | Call sales |
| 32599 | Polymer concrete repair kit † | - | - | - | - | 1† | 1 | Call sales |
| ACO KerbDrain® HB480E Half battered | | | | | | | | |
| 32006 | HB480E channel 500mm E 600 | 500 | 190 | 480 | 455 | 57.1 | 12 | Call sales |
| 32007 | HB480E access unit 500mm E 600 | 500 | 190 | 480 | 455 | 55.9 | 12 | Call sales |
| 32037 | HB480E LH gully or D/E transition unit D 400 | 500 | 150/190 | 480 | 455 | 49.8 | 24 | Call sales |
| 32036 | HB480E RH gully or E/D transition unit D 400 | 500 | 190/150 | 480 | 455 | 49.8 | 24 | Call sales |
| ACO KerbDrain® HB405 & HB480 D/E Multifunctional end cap with 160mm diameter outlet | | | | | | | | |
| 4249 | HB405 & HB480 D/E multifunctional end cap | 3 | 160 | 420 | n/a | 0.32 | 10 | Call sales |



32002



32006



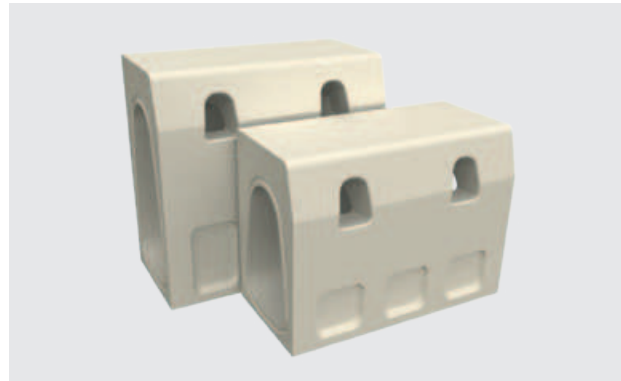
32007

† 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.

NEW! ACO KerbDrain® E+ Class

Suitable for Load Class applications C 250, D 400, E 600

The ACO KerbDrain® E+ half battered range has a large hydraulic capacity to further compliment our existing KerbDrain® products. With a load classification E 600 this channel can be used in areas subjected to large numbers of high speed heavy goods vehicles and large catchment areas eg distribution yards. Each KerbDrain channel has an upstand of 100 and 125mm.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|-----------------------|----------------|----------------|---------------|------------|
| ACO KerbDrain® HB370E+ half battered | | | | | | | | |
| 4405 | HB370E+ channel 500mm E 600 | 500 | 240 | 370 | 342 | 50.1 | 20 | Call sales |
| 4406 | HB370E+ access unit 500mm E 600 | 500 | 240 | 370 | 342 | 50.1 | 20 | Call sales |
| ACO KerbDrain® HB370E+ end cap | | | | | | | | |
| 4402 | HB E+ universal closing end cap | 50 | 240 | 480 | N/A | 12.6 | 1 | Call sales |
| 4412 | HB370E+ LH outlet end cap | 150 | 240 | 370 | 347 | 7.6 | 1 | Call sales |
| 4411 | HB370E+ RH outlet end cap | 150 | 240 | 370 | 347 | 7.6 | 1 | Call sales |
| ACO KerbDrain® HB480E+ half battered | | | | | | | | |
| 4400 | HB480E+ channel 500mm E 600 | 500 | 240 | 480 | 452 | 57.3 | 20 | Call sales |
| 4401 | HB480E+ access unit 500mm E 600 | 500 | 240 | 480 | 452 | 57.5 | 20 | Call sales |
| ACO KerbDrain® HB480E+ Half Battered mitre units | | | | | | | | |
| 4415 | HB480E+ 7-6m external mitre channel 500/480mm E 600 | 500/480 | 240 | 480 | 452 | 54.2 | 20 | Call sales |
| 4416 | HB480E+ 10-8m external mitre channel 500/485mm E 600 | 500/485 | 240 | 480 | 452 | 54.6 | 20 | Call sales |
| 4417 | HB480E+ 25-11m external mitre channel 500/489mm E 600 | 500/489 | 240 | 480 | 452 | 54.8 | 20 | Call sales |
| 4418 | HB480E+ 25-11m internal mitre channel 500/511mm E 600 | 500/511 | 240 | 480 | 452 | 56.2 | 20 | Call sales |
| ACO KerbDrain® HB480E+ end cap | | | | | | | | |
| 4402 | HBE+ universal closing end cap | 50 | 240 | 480 | N/A | 12.6 | 1 | Call sales |
| 4403 | HB480E+ LH outlet end cap | 150 | 240 | 480 | 455 | 10.4 | 1 | Call sales |
| 4404 | HB480E+ RH outlet end cap | 150 | 240 | 480 | 455 | 10.4 | 1 | Call sales |
| 32599 | Polymer concrete repair kit ↗ | - | - | - | - | 1.0 | 1 | Call sales |



4405



4406



32723



32599

↗ 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.



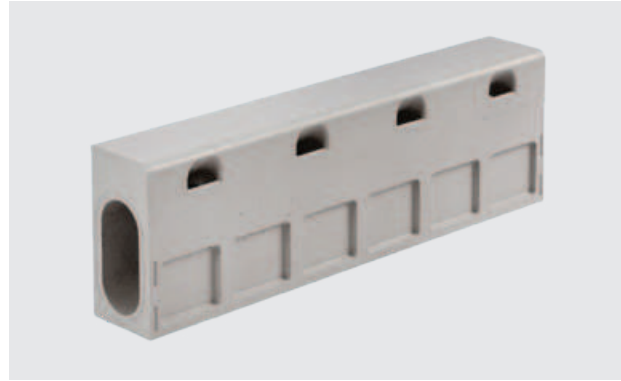
| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|-----------------------|----------------|----------------|---------------|------------|
| ACO KerbDrain® half battered gully units | | | | | | | | |
| 32017 | KerbDrain® HB-D/E/E+ Gully Access Top Assembly E 600* | 500 | 390 | 520 | - | 90 | 1 | Call sales |
| 32018 | KerbDrain® HB-D/E/E+ Gully Assembly Shallow E 600* | 500 | 390 | 870 | 848 | 123 | 1 | Call sales |
| 32019 | KerbDrain® HB-D/E/E+ Gully Assembly Deep E 600* | 500 | 390 | 1025 | 970 | 132 | 1 | Call sales |
| 32020 | KerbDrain® HB-D/E/E+ Gully Assembly Deep with Roddable Foul Air Trap E 600* | 500 | 390 | 1025 | 788 | 133 | 1 | Call sales |
| 32021 | KerbDrain® HB-D/E/E+ Gully Top Assembly and Ø450mm Adaptor E 600* | 500 | 390 | 823 | - | 98 | 1 | Call sales |

* Using D class KerbDrain with this gully will require the use of a transition unit.

NEW! ACO KerbDrain® CycleKerb

Suitable for Load Class applications C 250, D 400

ACO KerbDrain® CycleKerb builds on ACO's popular KerbDrain range with products specifically designed for cycle lanes. Able to be connected to our current HB305 channels, the CycleKerb units provide continuous drainage of cycle paths as well as ensuring safe and distinct transitions between pedestrian and non-pedestrian areas. The main CycleKerb unit has an upstand of 60mm.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|----------------|---------------|------------|
| ACO KerbDrain® Cyclekerb units | | | | | | | | |
| 32710 | BN305 channel 60mm upstand | 1000 | 150 | 305 | 280 | 60.1 | 14 | Call sales |
| 32716 | HB405/SP380/BN305 centre stone access unit | 500 | 150 | 305 | 280 | 28.5 | 28 | Call sales |
| Transition units for entry/exit of stepped cycle lanes | | | | | | | | |
| 32723 | BN305 LH transition HB to bullnose | 500 | 150 | 305 | 280 | 29.0 | 28 | Call sales |
| 32724 | BN305 RH transition bullnose to HB | 500 | 150 | 305 | 280 | 29.0 | 28 | Call sales |
| 7972 | HB305 half battered 500mm blind unit** | 500 | 150 | 305 | 280 | 28.0 | 28 | Call sales |
| 4236 | HB405/SP380/BN305 bullnose centre stone** | 1000 | 150 | 305 | 280 | 60.3 | 14 | Call sales |
| Pedestrian/cycle lane units for dropped kerb for vehicle access | | | | | | | | |
| 32711 | BN305 centre stone 25mm upstand | 1000 | 150 | 270 | 245 | 53.8 | 14 | Call sales |
| 32721 | BN305 LH drop kerb 60mm to 25mm upstand | 500 | 150 | 305/270 | 280/245 | 29.9 | 14 | Call sales |
| 32722 | BN305 RH drop Kerb 25mm to 60mm upstand | 500 | 150 | 270/305 | 245/280 | 29.9 | 14 | Call sales |
| Pedestrian crossings - units for level pedestrian crossings across the cycle lane | | | | | | | | |
| 4236 | HB405/SP380/BN305 centre stone | 1000 | 150 | 305 | 280 | 60.3 | 14 | Call sales |
| 32716 | HB405/SP380/BN305 centre stone access unit | 500 | 150 | 305 | 280 | 28.5 | 28 | Call sales |
| Pedestrian crossings - units flush with carriageway (T-Junction) units | | | | | | | | |
| 32723 | BN305 LH transition HB to bullnose | 500 | 150 | 305 | 280 | 29.0 | 28 | Call sales |
| 32724 | BN305 RH transition bullnose to HB | 500 | 150 | 305 | 280 | 29.0 | 28 | Call sales |
| 4992 | HB305 external quadrant unit** | 305 | 305 | 305 | 280 | 33.2 | 4 | Call sales |
| 7995 | HB305 left hand flush drop kerb assembly | 1500 | 150 | 305/180 | 280/155 | 75.5 | 1 | Call sales |
| 7996 | HB305 right hand flush drop kerb assembly | 1500 | 150 | 305/180 | 280/155 | 75.5 | 1 | Call sales |
| 7992 | HB305 flush drainable centre stone 0-6mm upstand | 1000 | 150 | 180 | 155 | 36.8 | 21 | Call sales |
| 4985 | HB305 flush drainable centre stone 6m external radius | 496 | 150 | 180 | 155 | 19.3 | 42 | Call sales |



32710



32716



32723



32711



32721



32722

** Blind units can be used to decrease the slope of entry/exit to the cyclelane, where space allows.

| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|----------------|---------------|------------|
| ACO KerbDrain® BN305 Multifunctional end cap | | | | | | | | |
| 4941 | HB255, SP280 & HB305 multifunctional end cap | 70 | 160 | 245 | 255 | 0.2 | 10 | Call sales |
| ACO KerbDrain® Bullnose gully assemblies | | | | | | | | |
| 32726 | Bullnose gully access top assembly D 400 | 500 | 392 | 415 | - | 70.0 | 1 | Call sales |
| 32727 | Bullnose gully access top and shallow base assembly D 400 | 500 | 392 | 765 | - | 98.0 | 1 | Call sales |
| 32728 | Bullnose gully access top and deep base assembly D 400 | 500 | 392 | 920 | - | 106 | 1 | Call sales |
| 32729 | Bullnose gully access top and deep base with roddable foul air trap assembly D 400 | 500 | 392 | 920 | - | 107 | 1 | Call sales |
| 32730 | Bullnose gully access top and ø450mm road gully connector assembly D 400 | 500 | 392 | 720 | - | 79.0 | 1 | Call sales |
| ACO KerbDrain® accessories | | | | | | | | |
| 0056 | 820 drain union PVC-U Ø110mm | 100 | 110 | - | - | 0.1 | 5 | 4 days |
| 0058 | 822 drain union PVC-U Ø160mm | 150 | 160 | - | - | 0.5 | 5 | 4 days |
| 2723 | 823 drain union PVC-U Ø200mm | 200 | 200 | - | - | 0.6 | 5 | 4 days |
| 2638 | 922 foul air trap PVC-U Ø160mm | - | 160 | - | - | 1.9 | 5 | 4 days |
| 7932 | 950 roddable foul air trap MDPE Ø160mm | - | 160 | - | - | 0.8 | 5 | 4 days |



0056



2638



2638



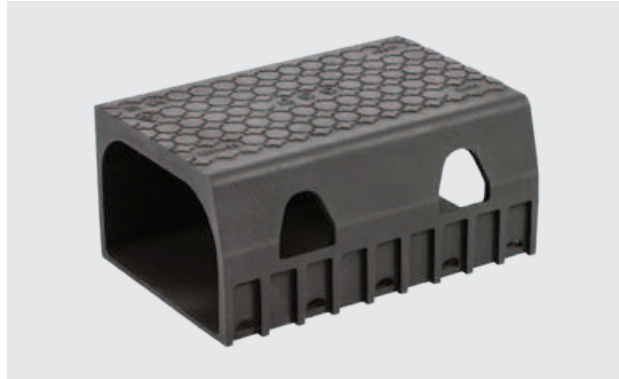
7932



NEW! ACO KerbDrain® BridgeDeck HB

Suitable for Load Class applications A15, B 125, C 250, D 400

The range is designed with a HB profile, ensuring safety by deflecting vehicles travelling at low speeds back into the main carriageway and away from pedestrians. They are ideal for all types of bridge structures, from footbridges to viaducts. BridgeDeck is available in four different widths, all in 0.5m lengths, with two dedicated expansion joint solutions, and is compatible for use with our other Half Battered KerbDrain product solutions, ensuring a seamless transition between systems. Can be installed to 100 - 125mm upstand.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|--------------------------|--------------------------|----------------|----------------|------------------|--------------|
| HB100 ACO KerbDrain® BridgeDeck channel (ductile iron - black) | | | | | | | | |
| 43521 | HB100 BridgeDeck channel | 500 | 115 | 226 | 218 | 21.1 | 1 | Call sales |
| HB160 ACO KerbDrain® BridgeDeck channel (ductile iron - black) | | | | | | | | |
| 43519 | HB160 BridgeDeck channel | 500 | 166 | 226 | 218 | 25.7 | 1 | Call sales |
| HB240 ACO KerbDrain® BridgeDeck channel (ductile iron - black) | | | | | | | | |
| 43517 | HB240 BridgeDeck channel | 500 | 233 | 226 | 218 | 31.5 | 1 | Call sales |
| HB360 ACO KerbDrain® BridgeDeck channel (ductile iron - black) | | | | | | | | |
| 43511 | HB360 BridgeDeck channel | 500 | 335 | 226 | 218 | 42.9 | 1 | Call sales |
| HB360 ACO KerbDrain® BridgeDeck access unit (ductile iron - black) | | | | | | | | |
| 43512 | HB360 BridgeDeck access unit | 500 | 335 | 226 | 218 | 44.0 | 1 | Call sales |
| ACO KerbDrain® BridgeDeck half battered moulded expansion joint kit (Type 5) | | | | | | | | |
| 43553 | BridgeDeck moulded expansion joint kit | 1754 | 335 | 226 | 218 | 129.5 | 1 | Call sales |
| ACO KerbDrain® BridgeDeck half battered polymer expansion joint kit (Type 1) | | | | | | | | |
| 43551 | BridgeDeck polymer expansion joint kit | 1758 | 335 | 226 | 218 | 150.1 | 1 | Call sales |
| ACO KerbDrain® BridgeDeck outlet connectors (ductile iron - black) | | | | | | | | |
| 43524 | Ø110mm BridgeDeck outlet connector | 150 | 150 | 66 | N/A | 1.31 | 1 | Call sales |
| 43523 | Ø160mm BridgeDeck outlet connector | 200 | 200 | 88 | N/A | 2.25 | 1 | Call sales |
| ACO KerbDrain® BridgeDeck multifunctional end cap - black polymer | | | | | | | | |
| 43536 | BridgeDeck HB multifunctional end cap | 335 | 40 | 226 | N/A | 5.61 | 1 | Call sales |



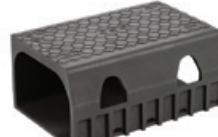
43521



43519



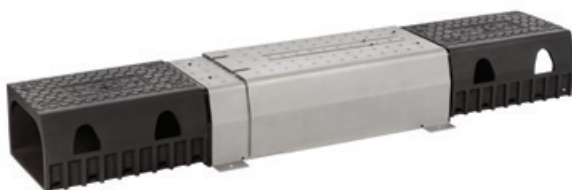
43517



43511



43512



43553

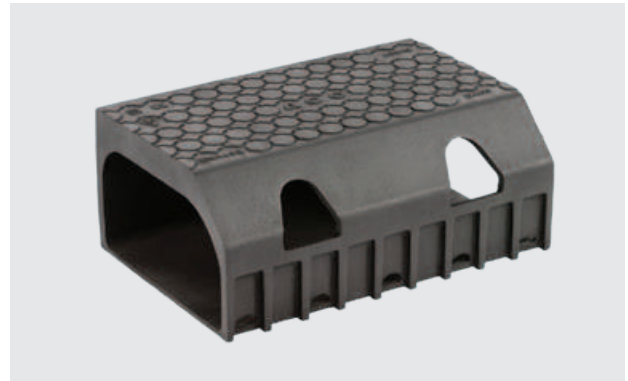


43551

NEW! ACO KerbDrain® BridgeDeck SP

Suitable for Load Class applications A15, B 125, C 250, D 400

The range is designed to ensure safety by allowing vehicles travelling at high speeds to mount the kerb, preventing them from deflecting back onto the carriageway. They are ideal for all types of bridge structures but should only be used where there are no footpaths, should vehicle traffic be present. Available in four different widths, with two dedicated expansion joint solutions, and is compatible for use with our other Half Battered KerbDrain product solutions, ensuring a seamless transition between systems. Can be installed to 75 - 100mm upstand.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Invert [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|----------------|---------------|------------|
| SP100 ACO KerbDrain® BridgeDeck channel (ductile iron - black) | | | | | | | | |
| 43520 | SP100 BridgeDeck channel | 500 | 115 | 203 | 195 | 18.0 | 1 | Call sales |
| SP160 ACO KerbDrain® BridgeDeck channel (ductile iron - black) | | | | | | | | |
| 43518 | SP160 BridgeDeck channel | 500 | 166 | 203 | 195 | 22.5 | 1 | Call sales |
| SP240 ACO KerbDrain® BridgeDeck channel (ductile iron - black) | | | | | | | | |
| 43516 | SP240 BridgeDeck channel | 500 | 233 | 203 | 195 | 31.0 | 1 | Call sales |
| SP360 ACO KerbDrain® BridgeDeck channel (ductile iron - black) | | | | | | | | |
| 43510 | SP360 BridgeDeck channel | 500 | 335 | 203 | 195 | 41.7 | 1 | Call sales |
| SP360 ACO KerbDrain® BridgeDeck access unit (ductile iron - black) | | | | | | | | |
| 43513 | SP360 BridgeDeck access unit | 500 | 335 | 203 | 195 | 43.8 | 1 | Call sales |
| ACO KerbDrain® BridgeDeck splayed moulded expansion joint kit (Type 5) | | | | | | | | |
| 43552 | BridgeDeck moulded expansion joint kit | 1754 | 335 | 203 | 195 | 126.3 | 1 | Call sales |
| ACO KerbDrain® BridgeDeck splayed expansion joint kit (Type 1) | | | | | | | | |
| 43550 | BridgeDeck polymer expansion joint kit | 1758 | 335 | 203 | 195 | 143.5 | 1 | Call sales |
| ACO KerbDrain® BridgeDeck outlet connectors (ductile iron - black) | | | | | | | | |
| 43524 | Ø110mm BridgeDeck outlet connector | 150 | 150 | 66 | N/A | 1.31 | 1 | Call sales |
| 43523 | Ø160mm BridgeDeck outlet connector | 200 | 200 | 88 | N/A | 2.25 | 1 | Call sales |
| ACO KerbDrain® BridgeDeck multifunctional end cap - black polymer | | | | | | | | |
| 43535 | BridgeDeck SP multifunctional end cap | 335 | 40 | 203 | N/A | 4.97 | 1 | Call sales |



43520



43518



43516



43510



43552



43550



ACO Qmax® 150 System

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

Qmax channels fitted with integral water seals are available with a choice of three edge rail details. Carbon Neutral channels are manufactured from Polyethylene (PE), including recycled material. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|-----------------------|--------------------|----------------|---------------|------------|
| ACO Qmax® 150 with ACO Q-Flow ductile iron edge rail | | | | | | | | |
| 32990 | ACO Qmax® 150 channel assembly complete with ACO Q-Flow ductile iron edge rail | 2010 | Ø210 | 405 | 26 | 22.0 | 1 | Call sales |
| ACO Qmax® 150 with ACO Q-Guard ductile iron edge rail | | | | | | | | |
| 32991 | ACO Qmax® 150 channel assembly complete with ACO Q-Guard ductile iron edge rail | 2010 | Ø210 | 405 | 8 | 23.0 | 1 | Call sales |
| ACO Qmax® 150 with ACO Q-Flow galvanised steel edge rail | | | | | | | | |
| 32992 | ACO Qmax® 150 channel assembly complete with Q-Flow galvanised steel edge rail | 2010 | Ø210 | 405 | 26 | 12.0 | 1 | Call sales |
| ACO Qmax® 150 with ACO Q-Guard galvanised steel edge rail | | | | | | | | |
| 32993 | ACO Qmax® 150 channel assembly complete with ACO Q-Guard galvanised steel edge rail | 2010 | Ø210 | 405 | 8 | 12.0 | 1 | Call sales |
| ACO Qmax® 150 with ACO Q-Slot galvanised steel edge rail | | | | | | | | |
| 32994 | ACO Qmax® 150 channel assembly complete with ACO Q-Slot galvanised steel edge rail | 2010 | Ø210 | 500 | 10 | 20.5 | 1 | Call sales |
| ACO Qmax® 150 multifunctional end cap (closing/outlet/inlet) | | | | | | | | |
| 32997 | ACO Qmax® 150 multifunctional end cap | 240 | Ø210 | - | - | 1.0 | 1 | Call sales |
| ACO Qmax® 150 to 225 step connector | | | | | | | | |
| 32995 | ACO Qmax® 150 to 225 step connector (M to F) | - | Ø310 | 25 | - | 0.4 | 1 | Call sales |
| ACO Qmax® ductile iron edge rail protector | | | | | | | | |
| 32854 | ACO Qmax® ductile iron edge rail protector 15.25m roll | 15.25 | 65 | 1.5 | - | 5.0 | 1 | Call sales |

Ductile iron ATec edge rails

Galvanised steel edge rails



ACO Q-Flow ductile iron edge rail



ACO Q-Guard ductile iron edge rail



ACO Q-Flow steel edge rail



ACO Q-Guard steel edge rail



ACO Q-Slot steel edge rail



32997



32995

ACO Qmax® 225 System

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

Qmax channels fitted with integral water seals are available with a choice of three edge rail details. Carbon Neutral channels are manufactured from Polyethylene (PE), including recycled material. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|-----------------------|--------------------|----------------|---------------|------------|
| ACO Qmax® 225 with ACO Q-Flow ductile iron edge rail | | | | | | | | |
| 32800 | ACO Qmax® 225 channel assembly complete with ACO Q-Flow ductile iron edge rail | 2010 | Ø290 | 480 | 26 | 24.0 | 1 | Call sales |
| ACO Qmax® 225 with ACO Q-Guard ductile iron edge rail | | | | | | | | |
| 32801 | ACO Qmax® 225 channel assembly complete with ACO Q-Guard ductile iron edge rail | 2010 | Ø290 | 480 | 8 | 25.0 | 1 | Call sales |
| ACO Qmax® 225 with ACO Q-Flow galvanised steel edge rail | | | | | | | | |
| 32802 | ACO Qmax® 225 channel assembly complete with ACO Q-Flow galvanised steel edge rail | 2010 | Ø290 | 480 | 26 | 17.8 | 1 | Call sales |
| ACO Qmax® 225 with ACO Q-Guard galvanised steel edge rail | | | | | | | | |
| 32803 | ACO Qmax® 225 channel assembly complete with ACO Q-Guard galvanised steel edge rail | 2010 | Ø290 | 480 | 10 | 15.3 | 1 | Call sales |
| ACO Qmax® 225 with ACO Q-Slot galvanised steel edge rail | | | | | | | | |
| 32804 | ACO Qmax® 225 channel assembly complete with ACO Q-Slot galvanised steel edge rail | 2010 | Ø290 | 480 | 10 | 22.9 | 1 | Call sales |
| ACO Qmax® 225 multifunctional end cap (closing/outlet/inlet) | | | | | | | | |
| 42221 | ACO Qmax® 225 multifunctional end cap | 240 | Ø290 | Ø290 | - | 1.4 | 1 | Call sales |
| ACO Qmax® 225 to 350 step connector | | | | | | | | |
| 32880 | ACO Qmax® 225 to 350 step connector (M to F) | 25 | Ø435 | - | - | 0.8 | 1 | Call sales |
| ACO Qmax® 225 downpipe connector | | | | | | | | |
| 44344 | ACO Qmax® 225 downpipe connector Ø110mm outlet | 100 | 120 | 146 | - | 0.16 | 1 | Call sales |
| ACO Qmax® ductile iron edge rail protector | | | | | | | | |
| 32854 | ACO Qmax® ductile iron edge rail protector 15.25m roll | 15.25 | 65 | 1.5 | - | 5.0 | 1 | Call sales |

Ductile iron ATec edge rails

Galvanised steel edge rails



ACO Q-Flow ductile iron edge rail



ACO Q-Guard ductile iron edge rail



ACO Q-Flow steel edge rail



ACO Q-Guard steel edge rail



ACO Q-Slot steel edge rail



42221



32880



44344

ACO Qmax® 350 System

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

Qmax channels fitted with integral water seals are available with a choice of three edge rail details. Carbon Neutral channels are manufactured from Polyethylene (PE), including recycled material. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|-----------------------|-----------------------|--------------------|----------------|---------------|------------|
| ACO Qmax® 350 with ACO Q-Flow ductile iron edge rail | | | | | | | | |
| 32810 | ACO Qmax® 350 channel assembly complete with ACO Q-Flow ductile iron edge rail | 2010 | Ø415 | 600 | 26 | 28.3 | 1 | Call sales |
| ACO Qmax® 350 with ACO Q-Guard ductile iron edge rail | | | | | | | | |
| 32811 | ACO Qmax® 350 channel assembly complete with ACO Q-Guard ductile iron edge rail | 2010 | Ø415 | 600 | 8 | 29.3 | 1 | Call sales |
| ACO Qmax® 350 with ACO Q-Flow galvanised steel edge rail | | | | | | | | |
| 32812 | ACO Qmax® 350 channel assembly complete with ACO Q-Flow galvanised steel edge rail | 2010 | Ø415 | 600 | 26 | 24.0 | 1 | Call sales |
| ACO Qmax® 350 with ACO Q-Guard galvanised steel edge rail | | | | | | | | |
| 32813 | ACO Qmax® 350 channel assembly complete with ACO Q-Guard galvanised steel edge rail | 2010 | Ø415 | 600 | 10 | 21.5 | 1 | Call sales |
| ACO Qmax® 350 with ACO Q-Slot galvanised steel edge rail | | | | | | | | |
| 32814 | ACO Qmax® 350 channel assembly complete with ACO Q-Slot galvanised steel edge rail | 2010 | Ø415 | 700 | 10 | 29.1 | 1 | Call sales |
| ACO Qmax® 350 multifunctional end cap (closing/outlet/inlet) | | | | | | | | |
| 42351 | ACO Qmax® 350 multifunctional end cap | 260 | Ø415 | Ø415 | - | 2.6 | 1 | Call sales |
| ACO Qmax® 350 downpipe connector | | | | | | | | |
| 44344 | ACO Qmax® 350 downpipe connector Ø110mm outlet | 100 | 120 | 146 | - | 0.16 | 1 | Call sales |
| ACO Qmax® ductile iron edge rail protector | | | | | | | | |
| 32854 | ACO Qmax® ductile iron edge rail protector 15.25m roll | 15.25 | 65 | 1.5 | - | 5.0 | 1 | Call sales |

Ductile iron ATec edge rails

Galvanised steel edge rails



ACO Q-Flow ductile iron edge rail



ACO Q-Guard ductile iron edge rail



ACO Q-Flow steel edge rail



ACO Q-Guard steel edge rail



ACO Q-Slot steel edge rail



42351



44344

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

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.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|--------------------|----------------|---------------|------------|
| ACO Qmax® 150, 225 and 350 channel access, outlet and silt chambers with slotted cover and frame (assemblies) | | | | | | | | |
| 32970 | Access chamber with D 400 slotted cover and frame | 565 | 565 | 640 | 10 | 48.0 | 1 | Call sales |
| 32971 | Access chamber with F 900 slotted cover and frame | 660 | 660 | 640 | 19 | 77.5 | 1 | Call sales |
| 32972 | Outlet/Inlet chamber with D 400 slotted cover and frame | 565 | 565 | 1095 | 10 | 52.0 | 1 | Call sales |
| 32973 | Outlet/Inlet chamber with F 900 slotted cover and frame | 660 | 660 | 1095 | 19 | 81.5 | 1 | Call sales |
| 32974 | Outlet/Inlet/Silt chamber with D 400 slotted cover and frame | 565 | 565 | 1600 | 10 | 60.0 | 1 | Call sales |
| 32975 | Outlet/Inlet/Silt chamber with F 900 slotted cover and frame | 660 | 660 | 1600 | 19 | 89.5 | 1 | Call sales |
| ACO Qmax® 150, 225 and 350 channel access, outlet and silt chambers with slotted cover and frame (components) | | | | | | | | |
| 44355 | Grating and frame D 400 | 400* | 565 †† | 100 | 10 | 40.0 | 1 | Call sales |
| 33604 | Grating and frame F 900 | 400* | 565 †† | 100 | 19 | 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 | - | 12.0 | 1 | Call sales |
| ACO Qmax® 150, 225 and 350 channel access, outlet and silt chambers with ACO Q-Slot cover and frame | | | | | | | | |
| 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® 150, 225 and 350 channel access, outlet and silt chambers with ACO Q-Slot cover and frame (components) | | | | | | | | |
| 32851 | Q-Slot galvanised steel recessed cover and frame class D 400 | 360* | 520 †† | 200 | - | 50.0 | 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 | - | 12.0 | 1 | Call sales |



* Clear opening size †† Over frame size

ACO Qmax® 550 System

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

Qmax channels fitted with integral water seals are available with a choice of three edge rail details. Carbon Neutral channels are manufactured from Polyethylene (PE), including recycled material. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|--------------------|----------------|---------------|------------|
| ACO Qmax® 550 with ACO Q-Flow ductile iron edge rail | | | | | | | | |
| 32820 | ACO Qmax® 550 channel assembly complete with ACO Q-Flow ductile iron edge rail | 2010 | 635 | 920 | 26 | 44.0 | 1 | Call sales |
| ACO Qmax® 550 with ACO Q-Guard ductile iron edge rail | | | | | | | | |
| 32821 | ACO Qmax® 550 channel assembly complete with ACO Q-Guard ductile iron edge rail | 2010 | 635 | 920 | 8 | 45.0 | 1 | Call sales |
| ACO Qmax® 550 with ACO Q-Flow galvanised steel edge rail | | | | | | | | |
| 32822 | ACO Qmax® 550 channel assembly complete with ACO Q-Flow galvanised steel edge rail | 2010 | 635 | 920 | 26 | 35.6 | 1 | Call sales |
| ACO Qmax® 550 with ACO Q-Guard galvanised steel edge rail | | | | | | | | |
| 32823 | ACO Qmax® 550 channel assembly complete with ACO Q-Guard galvanised steel edge rail | 2010 | 635 | 920 | 10 | 33.1 | 1 | Call sales |
| ACO Qmax® 550 with ACO Q-Slot galvanised steel edge rail | | | | | | | | |
| 32824 | ACO Qmax® 550 channel assembly complete with ACO Q-Slot galvanised steel edge rail | 2010 | 635 | 1020 | 10 | 40.7 | 1 | Call sales |

Ductile iron ATec edge rails

Galvanised steel edge rails



ACO Q-Flow ductile iron edge rail



ACO Q-Guard ductile iron edge rail



ACO Q-Flow steel edge rail



ACO Q-Guard steel edge rail



ACO Q-Slot steel edge rail

| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| ACO Qmax® 550 closing end cap | | | | | | | |
| 32825 | ACO Qmax® 550 closing end cap | 635 | 12 | 715 | 3.5 | 1 | Call sales |
| ACO Qmax® 550 blanking end cap | | | | | | | |
| 32886 | ACO Qmax® 550 blanking end cap | 440 | 60 | 625 | 2.4 | 1 | Call sales |
| ACO Qmax® 550 to 700 step connector | | | | | | | |
| 32882 | ACO Qmax® 550 to 700 step connector (M to F) | 725 | 75 | 870 | 2.5 | 1 | Call sales |
| ACO Qmax® 550 chamber connectors | | | | | | | |
| 32826 | ACO Qmax® 550 chamber connector assembly (pair) | - | - | - | 11.8 | 1 | Call sales |
| ACO Qmax® 550 downpipe connector | | | | | | | |
| 44345 | ACO Qmax® 550 downpipe connector Ø160mm outlet | 120 | 178 | 197 | 0.16 | 1 | Call sales |
| ACO Qmax® ductile iron edge rail protector | | | | | | | |
| 32854 | ACO Qmax® ductile iron edge rail protector 15.25m roll | 15.25 | 65 | 1.5 | 5.0 | 1 | Call sales |



32825



32886



32882



32836 (male and female connector)



32854



ACO Qmax® 700 System

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

Qmax channels fitted with integral water seals are available with a choice of three edge rail details. Carbon Neutral channels are manufactured from Polyethylene (PE), including recycled material. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|--------------------|----------------|---------------|------------|
| ACO Qmax® 700 with ACO Q-Flow ductile iron edge rail | | | | | | | | |
| 32830 | ACO Qmax® 700 channel assembly complete with ACO Q-Flow ductile iron edge rail | 2010 | 730 | 1070 | 26 | 49.7 | 1 | Call sales |
| ACO Qmax® 700 with ACO Q-Guard ductile iron edge rail | | | | | | | | |
| 32831 | ACO Qmax® 700 channel assembly complete with ACO Q-Guard ductile iron edge rail | 2010 | 730 | 1070 | 8 | 50.7 | 1 | Call sales |
| ACO Qmax® 700 with ACO Q-Flow galvanised steel edge rail | | | | | | | | |
| 32832 | ACO Qmax® 700 channel assembly complete with ACO Q-Flow galvanised steel edge rail | 2010 | 730 | 1070 | 26 | 41.9 | 1 | Call sales |
| ACO Qmax® 700 with ACO Q-Guard galvanised steel edge rail | | | | | | | | |
| 32833 | ACO Qmax® 700 channel assembly complete with ACO Q-Guard galvanised steel edge rail | 2010 | 730 | 1070 | 10 | 39.4 | 1 | Call sales |
| ACO Qmax® 700 with ACO Q-Slot galvanised steel edge rail | | | | | | | | |
| 32834 | ACO Qmax® 700 channel assembly complete with ACO Q-Slot galvanised steel edge rail | 2010 | 730 | 1170 | 10 | 47.0 | 1 | Call sales |

Ductile iron ATec edge rails

Galvanised steel edge rails



ACO Q-Flow ductile iron edge rail



ACO Q-Guard ductile iron edge rail



ACO Q-Flow steel edge rail



ACO Q-Guard steel edge rail



ACO Q-Slot steel edge rail

| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|--|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| ACO Qmax® 700 closing end cap | | | | | | | |
| 32835 | ACO Qmax® 700 closing end cap | 730 | 12 | 865 | 4.9 | 1 | Call sales |
| ACO Qmax® 700 blanking end cap | | | | | | | |
| 32887 | ACO Qmax® 700 blanking end cap | 540 | 60 | 770 | 3.1 | 1 | Call sales |
| ACO Qmax® 700 to 900 step connector | | | | | | | |
| 32883 | ACO Qmax® 700 to 900 step connector (M to F) | 835 | 95 | 1078 | 3.7 | 1 | Call sales |
| ACO Qmax® 700 chamber connectors | | | | | | | |
| 32836 | ACO Qmax® 700 chamber connector assembly (pair) | - | - | - | 15.8 | 1 | Call sales |
| ACO Qmax® 700 downpipe connector | | | | | | | |
| 44345 | ACO Qmax® 700 downpipe connector Ø160mm outlet | 120 | 178 | 197 | 0.16 | 1 | Call sales |
| ACO Qmax® ductile iron edge rail protector | | | | | | | |
| 32854 | ACO Qmax® ductile iron edge rail protector 15.25m roll | 15.25 | 65 | 1.5 | 5.0 | 1 | Call sales |



32835



32887



32883



32836 (male and female connector)



32854

ACO Qmax® 900 System

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

Qmax channels fitted with integral water seals are available with a choice of three edge rail details. Carbon Neutral channels are manufactured from Polyethylene (PE), including recycled material. The system is CE and UKCA marked and fully certificated to EN 1433:2002.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Slot Width [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|--------------------|----------------|---------------|------------|
| ACO Qmax® 900 with ACO Q-Flow ductile iron edge rail | | | | | | | | |
| 32840 | ACO Qmax® 900 channel assembly complete with ACO Q-Flow ductile iron edge | 2010 | 860 | 1270 | 26 | 65.3 | 1 | Call sales |
| ACO Qmax® 900 with ACO Q-Guard ductile iron edge rail | | | | | | | | |
| 32841 | ACO Qmax® 900 channel assembly complete with ACO Q-Guard ductile iron edge rail | 2010 | 860 | 1270 | 8 | 66.3 | 1 | Call sales |
| ACO Qmax® 900 with ACO Q-Flow galvanised steel edge rail | | | | | | | | |
| 32842 | ACO Qmax® 900 channel assembly complete with ACO Q-Flow galvanised steel edge rail | 2010 | 860 | 1270 | 26 | 57.2 | 1 | Call sales |
| ACO Qmax® 900 with ACO Q-Guard galvanised steel edge rail | | | | | | | | |
| 32843 | ACO Qmax® 900 channel assembly complete with ACO Q-Guard galvanised steel edge rail | 2010 | 860 | 1270 | 10 | 54.7 | 1 | Call sales |
| ACO Qmax® 900 with ACO Q-Slot galvanised steel edge rail | | | | | | | | |
| 32844 | ACO Qmax® 900 channel assembly complete with ACO Q-Slot galvanised steel edge rail | 2010 | 860 | 1370 | 10 | 62.3 | 1 | Call sales |

Ductile iron ATec edge rails

Galvanised steel edge rails



ACO Q-Flow ductile iron edge rail



ACO Q-Guard ductile iron edge rail



ACO Q-Flow steel edge rail



ACO Q-Guard steel edge rail



ACO Q-Slot steel edge rail

| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|--|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| ACO Qmax® 900 closing end cap | | | | | | | |
| 32845 | ACO Qmax® 900 closing end cap | 860 | 16 | 1065 | 9.8 | 1 | Call sales |
| ACO Qmax® 900 blanking end cap | | | | | | | |
| 32888 | ACO Qmax® 900 blanking end cap | 670 | 60 | 970 | 4.9 | 1 | Call sales |
| ACO Qmax® 900 chamber connectors | | | | | | | |
| 32846 | ACO Qmax® 900 chamber connector assembly (pair) | - | - | - | 25.1 | 1 | Call sales |
| ACO Qmax® 900 downpipe connector | | | | | | | |
| 44345 | ACO Qmax® 900 downpipe connector Ø160mm outlet | 120 | 178 | 197 | 0.16 | 1 | Call sales |
| ACO Qmax® 900 channels with ACO Q-Flow ductile iron edge rail | | | | | | | |
| 32854 | ACO Qmax® ductile iron edge rail protector 15.25m roll | 15.25 | 65 | 1.5 | 5.0 | 1 | Call sales |



32845



32888



32846 (male and female connector)



32854



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

Access chamber for all ACO Qmax® channels provides 4-way channel connection and local silt management. Available with D 400 or F 900 21mm slotted or solid ductile iron cover and frame.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|---|---|----------------|--------------------------|--------------------------|----------------|------------------|--------------|
| ACO Qmax® 150, 225 and 350 only shallow access chamber assemblies | | | | | | | |
| 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 | 92.0 | 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, 350, 550, 700 and 900 deep access chamber assemblies | | | | | | | |
| 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 | 99.0 | 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® access chamber bodies only | | | | | | | |
| 32871 | Access chamber shallow body only | 700 | 700 | 735 | 19.5 | 1 | Call sales |
| 32870 | Access chamber deep body only | 700 | 700 | 1350 | 27.0 | 1 | Call sales |
| ACO Qmax® access chamber covers and frames | | | | | | | |
| 46100 | D 400 slotted cover and frame | 600* | 760 †† | 150 | 78.0 | 1 | Call sales |
| 46101 | D 400 solid cover and frame | 600* | 760 †† | 150 | 72.0 | 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 |



46110



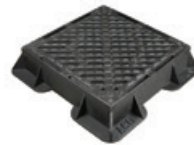
46114



32871



32870



46100



46103

* Clear opening size †† Over frame size

ACO Q-Ceptor

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.



| Product Code | Nominal Size | Treated Flow [l/s] | Peak Flow [l/s] | Class | Area Drained [m2] | 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] |
|---|--------------|-----------------------|--------------------|-------|----------------------|----------------------------------|-----------------------------------|----------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------|
| Bypass separator chamber without sampling pump | | | | | | | | | | | | | | |
| 34500 | NSB3 | 3 | 30 | 1 | 1670 | 45 | 300 | 1940 | 1200 | 1580 | 1067 | 917 | 300 | 99 |
| 34501 | NSB6 | 6 | 60 | 1 | 3335 | 90 | 600 | 1940 | 1200 | 1800 | 1287 | 1137 | 300 | 113 |
| 34502 | NSB8 | 8 | 80 | 1 | 4445 | 120 | 1000 | 1940 | 1200 | 2100 | 1587 | 1437 | 375 | 127 |
| 34503 | NSB10 | 10 | 100 | 1 | 5560 | 150 | 1000 | 1940 | 1200 | 2100 | 1587 | 1437 | 375 | 127 |
| 34505 | NSB3 | 3 | 30 | 2 | 1670 | 45 | 300 | 1940 | 1200 | 1580 | 1067 | 917 | 300 | 96 |
| 34506 | NSB6 | 6 | 60 | 2 | 3335 | 90 | 600 | 1940 | 1200 | 1800 | 1287 | 1137 | 300 | 108 |
| 34507 | NSB8 | 8 | 80 | 2 | 4445 | 120 | 1000 | 1940 | 1200 | 2100 | 1587 | 1437 | 375 | 122 |
| 34508 | NSB10 | 10 | 100 | 2 | 5560 | 150 | 1000 | 1940 | 1200 | 2100 | 1587 | 1437 | 375 | 122 |
| Full retention separator chamber without sampling pump | | | | | | | | | | | | | | |
| 34510 | NS3 | - | 3 | 1 | 167 | 30 | 300 | 1730 | 1200 | 1580 | 970 | 950 | 110 | 78 |
| 34511 | NS6 | - | 6 | 1 | 333 | 60 | 600 | 1730 | 1200 | 1800 | 1218 | 1198 | 160 | 99 |
| 34512 | NS8 | - | 8 | 1 | 444 | 80 | 1000 | 1730 | 1200 | 2100 | 1518 | 1498 | 160 | 113 |
| 34513 | NS10 | - | 10 | 1 | 555 | 100 | 1000 | 1730 | 1200 | 2100 | 1518 | 1498 | 160 | 113 |
| 34515 | NS3 | - | 3 | 2 | 167 | 30 | 300 | 1730 | 1200 | 1580 | 970 | 950 | 110 | 77 |
| 34516 | NS6 | - | 6 | 2 | 333 | 60 | 600 | 1730 | 1200 | 1800 | 1218 | 1198 | 160 | 96 |
| 34517 | NS8 | - | 8 | 2 | 444 | 80 | 1000 | 1730 | 1200 | 2100 | 1518 | 1498 | 160 | 110 |
| 34518 | NS10 | - | 10 | 2 | 555 | 100 | 1000 | 1730 | 1200 | 2100 | 1518 | 1498 | 160 | 110 |

| Product Code | Description | Pack Quantity | Lead Time |
|--|--|---------------|------------|
| Alarm kits for bypass Separator | | | |
| 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 |
| Alarm Accessories for bypass separators | | | |
| 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 |

| Product Code | Description | Length | Width Overall | Internal Diameter | Depth Overall | Weight | Pack Quantity | Lead Time |
|--------------|-------------|--------|---------------|-------------------|---------------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [mm] | [kg] | | |

Separator Extension shaft (Accessories for both bypass and full retention separator)

| | | | | | | | | |
|-------|---------------------------|---|------|------|------|------|---|------------|
| 34520 | Separator extension shaft | - | Ø865 | Ø716 | 1059 | 19.1 | 1 | Call sales |
|-------|---------------------------|---|------|------|------|------|---|------------|

Ancillaries (Accessories for both bypass and full retention separator)

| | | | | | | | | |
|--------|------------------------------------|---|------|---|-----|-----|---|------------|
| 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 |

Separator cover and frame (Accessories for both bypass and full retention separator)

| | | | | | | | | |
|-------|---|---|------|---|-----|----|----|------------|
| 34625 | Ductile iron solid cover and frame D400 | - | Ø750 | - | 100 | 87 | 10 | Call sales |
|-------|---|---|------|---|-----|----|----|------------|



44501



34520



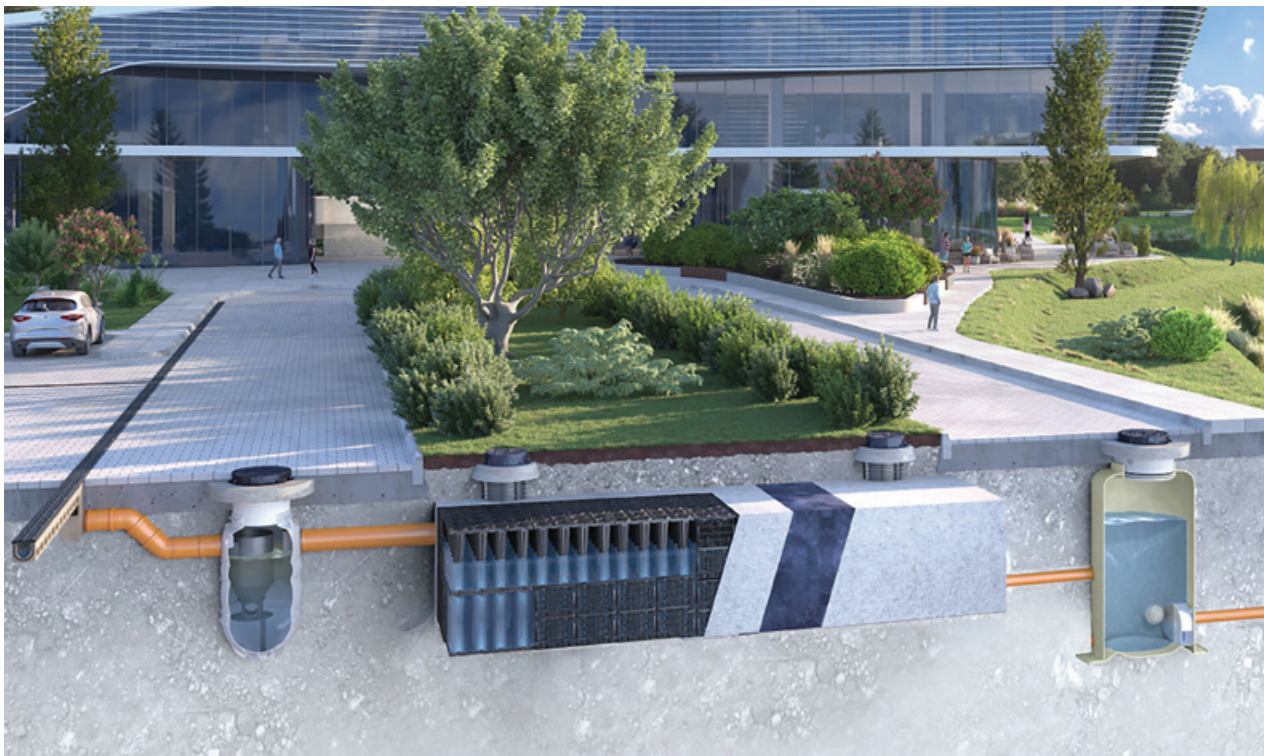
418094



34625

NEW! ACO StormSed Vortex

The ACO StormSed Vortex is an advanced hydrodynamic separator that removes sediment bound contaminants. The design enables removal of pollutants by means of settlement and the capture of floatables. It's available in a range of sizes to accommodate small to large sites and can be custom made for demanding installations. The ACO StormSed Vortex retains solid pollution and oil. It also forms part of the SuDS management train as it removes over 50% of fine Total Suspended Solids as well as sediment bound metals and hydrocarbons.



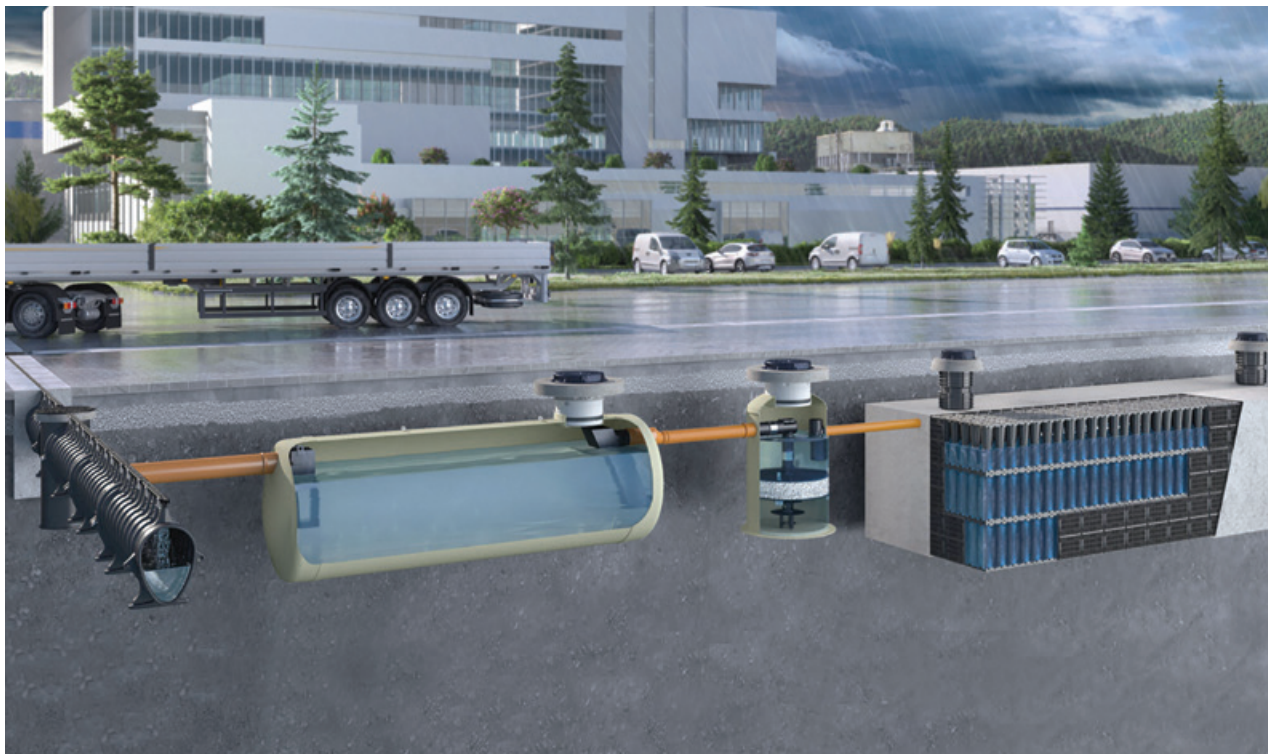
| Product Code | Description | Chamber diameter (ID) | Pipe connections (ID) | Typical treatment flow rate - 50% TSS removal efficiency | Minimum Silt/ sediment storage capacity | Oil and floatables storage capacity | Pack Quantity | Lead Time |
|---|----------------------|-----------------------|-----------------------|--|---|-------------------------------------|---------------|------------|
| | | mm | mm | l/s | m ³ | m ³ | | |
| ACO StormSed Vortex – Hydrodynamic Separator | | | | | | | | |
| 411351 | StormSed Vortex 750 | 1225 | DN315 (297) | 12 | 0.225 | 0.300 | 1 | Call sales |
| 411352 | StormSed Vortex 1000 | 1225 | 400 | 21 | 0.225 | 0.620 | 1 | Call sales |
| 40511 | StormSed Vortex 1200 | 1200 | 450 | 30 | 0.598 | 0.569 | 1 | Call sales |
| 40512 | StormSed Vortex 1500 | 1500 | 500 | 47 | 0.815 | 0.979 | 1 | Call sales |
| 40513 | StormSed Vortex 1800 | 1800 | 600 | 68 | 1.723 | 1.945 | 1 | Call sales |
| 40514 | StormSed Vortex 2000 | 2100 | 750 | 94 | 1.548 | 3.179 | 1 | Call sales |
| 40515 | StormSed Vortex 2500 | 2400 | 900 | 123 | 2.013 | 4.300 | 1 | Call sales |
| 40516 | StormSed Vortex 3000 | 3000 | 900 | 190 | 3.146 | 7.848 | 1 | Call sales |

NEW! ACO StormSed Filter

The ACO StormSed Filter is a multi-process system that combines four crucial processes – filtration, sedimentation, adsorption, and precipitation – which enables the filtration of highly contaminated stormwater.

The filter media contained in the ACO StormSed Filter retains small size particles without clogging, oil and floatables, and dissolved pollutants. It is available in a range of sizes to accommodate small to large sites.

The high level of treatment of the ACO StormSed Filter ensures that over 90% of Total Suspended Solids, as well as key pollutants such as Zinc (Zn), Lead (Pb), Copper (Cu) are removed and retained.



| Product Code | Description | Chamber diameter (ID) | Pipe connections (ID) | Actual ID | Connectable area as per DIBt (high level of pollution) | Pack Quantity | Lead Time |
|----------------------------|----------------------|-----------------------|-----------------------|-----------|--|---------------|------------|
| | | mm | mm | mm | m ² | | |
| ACO StormSed Filter | | | | | | | |
| 411491 | StormSed Filter 1000 | 1000 | DN 250 | 235 | 500 | 1 | Call sales |
| 411492 | StormSed Filter 1200 | 1200 | DN 250 | 235 | 885 | 1 | Call sales |
| 411493 | StormSed Filter 1500 | 1500 | DN 315 | 297 | 1385 | 1 | Call sales |
| 411494 | StormSed Filter 1800 | 1800 | DN 400 | 377 | 1900 | 1 | Call sales |
| 411495 | StormSed Filter 2200 | 2200 | DN 500 | 471 | 3000 | 1 | Call sales |

ACO StormBrixx SD

ACO StormBrixx is a unique plastic geocellular stormwater management system. Its stackable nested design simplifies delivery, on site storage and handling during installation. StormBrixx SD offers incredible storage efficiency, while maintaining a strength suitable for most applications.

- Void Ratio: 97%
- Short term compressive strength: Vertical 350kN/m², Lateral 70kN/m²
- One Layer Height: 920mm



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|-------------------|---|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| Components | | | | | | | |
| 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 |
| 27037 | NEW! Half layer remote access chamber module | 594 | 594 | 487 | 14.7 | 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 |



314090



314091



314092



314093



27262



NEW! ACO StormBrixx HD900

ACO StormBrixx is a unique plastic geocellular stormwater management system. Its stackable nested design simplifies delivery, on site storage and handling during installation. StormBrixx HD builds on the SD, with improved strength for heavy duty applications.

- Void Ratio: 97%
- Short term compressive strength: Vertical 605kN/m², Lateral 120kN/m²
- One Layer Height: 920mm



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|-------------------|---|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| Components | | | | | | | |
| 314154 | 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 |
| 27037 | NEW! Half layer remote access chamber module | 594 | 594 | 487 | 14.7 | 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 |



314154



314091



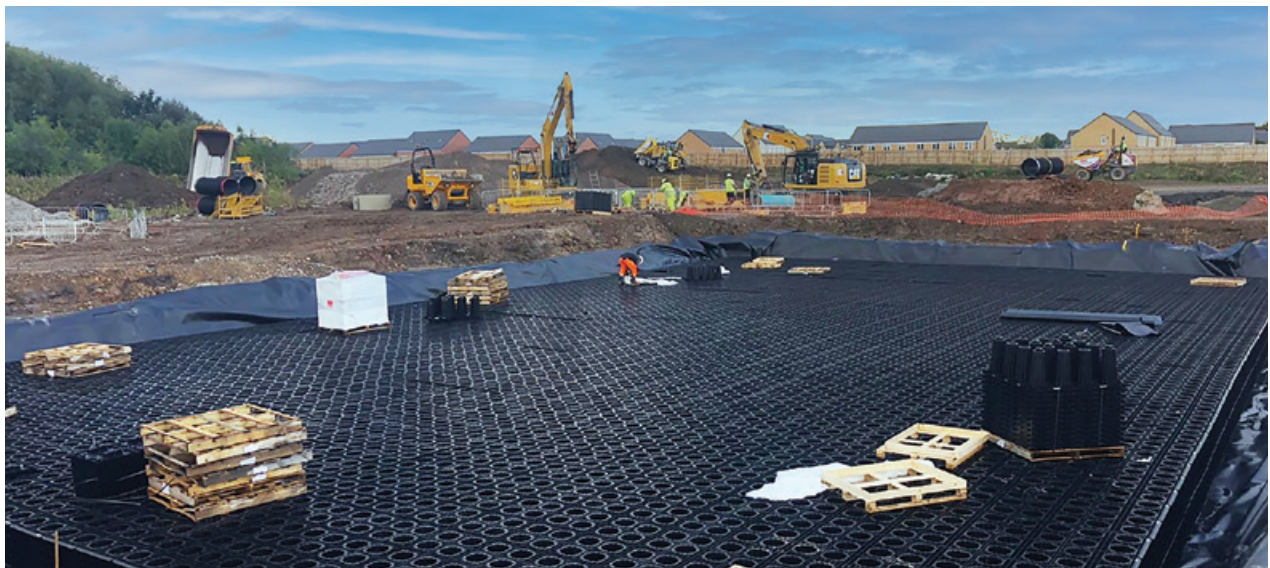
314092



314093



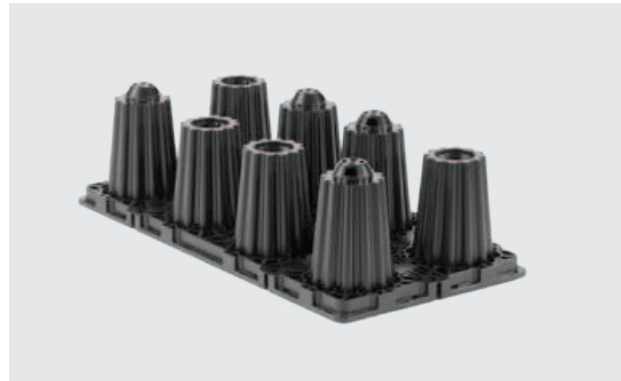
27262



ACO StormBrixx HD GF

ACO StormBrixx is a unique plastic geocellular stormwater management system. Its stackable nested design simplifies delivery, on site storage and handling during installation. Manufactured from recyclable polypropylene StormBrixx HD GF is suitable for heavy duty applications.

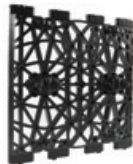
- Void Ratio: 95%
- Short term compressive strength: Vertical 455kN/m², Lateral 95kN/m²
- One Layer Height: 612mm



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|-------------------|--|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| Components | | | | | | | |
| 314061 | Half body GF - NEW with recycled content | 1205 | 602 | 306 | 10.0 | 1 | Call sales |
| 314062 | 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 | 32.0 | 1 | Call sales |
| 27105 | Horizontal pipe connectors Ø375mm | 595 | Ø375 | 605 | 6.2 | 1 | Call sales |
| 27101 | Horizontal pipe connectors Ø450mm | 595 | Ø450 | 605 | 4.5 | 1 | Call sales |
| 27102 | Horizontal pipe connectors Ø500mm | 595 | Ø500 | 605 | 5.0 | 1 | Call sales |



314061



314021



314022



314023



27034



27105



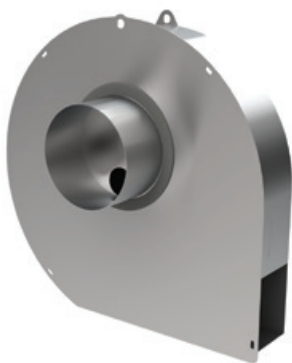


| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|----------------|---------------|------------|
| ACO StormBrixx SD and ACO StormBrixx HD accessories | | | | | | | |
| 27056 | Horizontal pipe connectors | - | Ø110 | - | 75.0 | 1 | Call sales |
| 27057 | Horizontal pipe connectors | - | Ø160 | - | 1.25 | 1 | Call sales |
| 27058 | Horizontal pipe connectors | - | Ø225 | - | 1.4 | 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 D 400 | - | Ø745 | 102.5 | 41.0 | 1 | Call sales |
| 314056 | Access chamber Ø450mm ductile iron cover – load class D 400 | - | Ø528 | 110 | 38.0 | 1 | Call sales |
| 314055 | Access chamber 450mm ductile iron vented cover – load class D 400 | - | Ø528 | 110 | 38.0 | 1 | Call sales |
| 314045 | Inspection point Ø225mm ductile iron cover – load class D 400 | 410 | 410 | 180 | 52.0 | 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 |

| Product Code | Description | Length [mm] | Width Overall [mm] | Thickness [mm] | Mass per unit area [g/m²] | Weight [kg] | Pack Quantity | Lead Time |
|---|------------------------------------|----------------|-----------------------|-------------------|------------------------------|----------------|---------------|------------|
| ACO StormBrixx geotextiles, geomembranes and accessories | | | | | | | | |
| 27038 | ACOTex infiltration geotextile | 100 | 4 (m) | 1 | 125 | 51.0 | 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 | - | 3.7 | 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

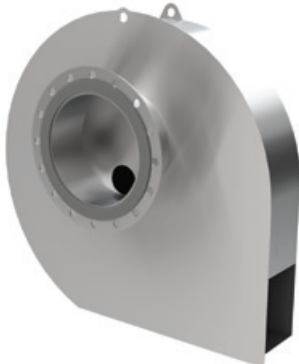
ACO Q-Brake Vortex is an individually configured vertical vortex flow control designed to regulate stormwater flow before it discharges into the watercourse or sewer networks. The system is capable of flow rates between 2-100l/s and a design head height of up to 3m. All ACO Q-Brake Vortex flow controls are manufactured from grade 304 stainless steel and sized bespoke to the specific project requirements. The ACO Q-Brake is available in three different variations: Flat & Round Wall: To match the exact shape of the chamber QBrake PN16: Includes a PN16 flange adaptor for connection into an above surface level attenuation chamber.



Q-Brake Flat Wall



Q-Brake Curved Wall



Q-Brake PN16

If you require further informations or a quotation please contact our dedicated ACO Storm Water Control team on **01462 810304** or email suds@aco.co.uk

To assist with the quote process the “parameters” listed below are required to ensure the correct product is specified.

| | | |
|---|-----------------|--------------------------|
| Project name and location | | |
| Design head (metres “Y”) | | |
| Design flow rate (litres per second “X”) | | l/s |
| Depth of sump | | (minimum 200mm) |
| Manhole reference | | |
| Manhole outlet pipe internal diameter (mm) | | (min mmØ) |
| Q-Brake to fit against curved wall or flat wall | Curved / Flat * | (*delete as appropriate) |
| Manhole diameter (if fitting against a curved wall) | | (min mmØ) |

ACO Q-Plate Orifice Plate

Manufactured from grade 304 stainless steel, the ACO Q-Plate is designed to regulate stormwater flows in projects where a flow control is not the most effective solution, or where flows are greater than 100l/s. Each Q-Plate is designed bespoke to match the specific project requirements. The ACO Q-Plate is available with either a curved or flat wall to fit against the required chamber shape. Remote access to the system can be provided by the optional Drain Down door and the emergency drain facility - simplifying access and removing the need for direct man access to sewer manholes.



Q-Plate Flat Wall



Q-Plate Curved Wall

Q-Plate with Drain Down Door
(Either Curved or Flat)

If you require further information or a quotation please contact our dedicated ACO Storm Water Control team on **01462 810304** or email suds@aco.co.uk

To assist with the quote process the “parameters” listed below are required to ensure the correct product is specified.

| | | |
|---|-----------------|--------------------------|
| Project name and location | | |
| Design head (metres “Y”) | | |
| Design flow rate (litres per second “X”) | | l/s |
| Depth of sump | | (minimum 200mm) |
| Manhole reference | | |
| Manhole outlet pipe internal diameter (mm) | | (min mmØ) |
| Q-Plate to fit against curved wall or flat wall | Curved / Flat * | (*delete as appropriate) |
| Manhole diameter (if fitting against a curved wall) | | (min mmØ) |

ACO Q-Chamber

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 | Height | Pack Quantity | Lead Time |
|----------------------|------------|-------------|---------------|------------|
| | [mm] | [mm] | | |
| ACO Q-Chamber | | | | |
| ACO Q-Chamber | 900 – 2100 | 1000 – 3500 | 1 | Call sales |

Rail

A major part of ACO's portfolio includes manufacturing specialist water management systems for the UK's national rail and light rail networks. As a long-term supplier to the rail sector, ACO understands the importance of delivering high-performance, sustainable drainage systems.

ACO is involved in all scale of rail projects from HS2 and Crossrail to the Metrolink in Manchester. The extensive product range can be applied to a wide variety of applications including stations and curtilage, platforms, maintenance depots, station parking and parking decks.



| Product Code | Description | Length | Width Overall | Height Overall | Weight | Pack Quantity | Lead Time |
|--------------|-------------|--------|---------------|----------------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [kg] | | |

ACO TramDrain 200

Suitable for Load Class applications D 400

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.

| | | | | | | | |
|--------|---|-----|-----|-----|------|---|------------|
| 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 | 9.5 | 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 | 27.9 | 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 and E 600

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.

| | | | | | | | |
|-------|------------------------------|------|-----|-----|------|---|------------|
| T0200 | ACO V100G Tram Drain channel | 1435 | 135 | 160 | 39.6 | 1 | Call sales |
|-------|------------------------------|------|-----|-----|------|---|------------|

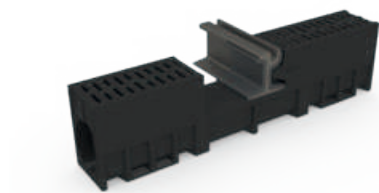
Load class C250 or E600 dependant on gratings chosen.

ACO Derailment Channel

Suitable for Load Class applications C 250

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.

| | | | | | | | |
|-------|-------------------------------|------|-----|-----|------|---|------------|
| 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 |



T00039/T00023/32620



T0200



T0059

| Product Code | Description | Length | Width Overall | Height Overall | Weight | Pack Quantity | Lead Time |
|--------------|-------------|--------|---------------|----------------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [kg] | | |

ACO Rail Access Point

Suitable for Load Class applications D 400

ACO's innovative rail access point has radically improved the installation and maintenance practices of rail drainage. Utilising ACO's 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 41GPU rail profiles.

| | | | | | | | |
|-------|--|-----|-----|------|------|---|------------|
| 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

ACO HeelGuard™ 6mm Rail Intercept Grate

Suitable for Load Class applications D 400

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.

| | | | | | | | |
|-------|---|-----|-----|----|-----|-----|------------|
| 23511 | M100D/PPD HeelGuard™ 6mm Rail Intercept, ductile iron grate | 500 | 123 | 21 | 4.0 | 200 | Call sales |
| 23516 | M150D/PPD HeelGuard™ 6mm Rail Intercept, ductile iron grate | 500 | 173 | 36 | 6.6 | 96 | Call sales |
| 23521 | 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



32614



32615



23511

Note: For channel details please refer to ACO MultiDrain section from page xx onwards and locking bars on page xx onwards.

Sport

ACO Sport is a division of the ACO Group, which has been providing top-class drainage and stadia solutions for sporting facilities, stadia and arenas for many years. Since 1972, ACO Sport systems have been installed in Olympic stadia all over the world and are designed to maximise athletic sporting performance.

ACO Sport drainage solutions can be found in venues of all sizes, from football stadia, sports and golf clubs to school playing fields. They are equipped with a full range of drainage systems to support the areas of track and field, sports pitches and buildings and access points.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Internal Width [mm] | Radius | Weight [kg] | Pack Quantity | Lead Time |
|--|---|----------------|-----------------------|-----------------------|------------------------|--------|----------------|---------------|------------|
| ACO Sport Curbing - for slot channels | | | | | | | | | |
| 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 |
| ACO Sport slot channels - without stop ridges | | | | | | | | | |
| 00587 | Sport slot channel straight no ridge | 1000 | 160 | 187 | 125 | - | 26.5 | 25 | Call sales |
| 00588 | Sport slot channel radius 36.5m no ridge | 1000 | 160 | 187 | 125 | 36.5 | 26.5 | 25 | Call sales |
| 00597 | Sport slot channel radius 24m no ridge | 1000 | 160 | 187 | 125 | 24 | 27.5 | 25 | Call sales |
| 00598 | Sport slot channel radius 48m no ridge | 1000 | 160 | 187 | 125 | 48 | 27.5 | 25 | Call sales |
| ACO Sport slot channels - stop ridge one side | | | | | | | | | |
| 15519 | Sport slot channel straight one ridge | 1000 | 160 | 200 | 125 | - | 31.0 | 25 | Call sales |
| 15525 | Sport slot channel radius 36.5m one ridge | 1000 | 160 | 200 | 125 | 36.5 | 31.0 | 25 | Call sales |
| ACO Sport slot channels - stop ridge both sides | | | | | | | | | |
| 15547 | Sport slot channel straight ridge both sides | 1000 | 160 | 200 | 125 | - | 28.7 | 25 | Call sales |
| 15550 | Sport slot channel radius 36.5m ridge both sides | 1000 | 160 | 200 | 125 | 36.5 | 28.7 | 25 | Call sales |
| ACO Sport slot channel sump and access units | | | | | | | | | |
| 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 | - | - | - | - | 2.0 | 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 |



| Product Code | Description | Length | Width Overall | Depth Overall | Internal Width | Radius | Weight | Pack Quantity | Lead Time |
|--------------|-------------|--------|---------------|---------------|----------------|--------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [mm] | | [kg] | | |

ACO Sport slot channel accessories

| | | | | | | | | | |
|-------|---|-----|-----|---|---|---|-----|---|------------|
| 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 |

ACO Sport high capacity slot channels

| | | | | | | | | | |
|-------|---|------|-----|-----|-----|------|------|----|------------|
| 00784 | Sport high capacity slot channel straight no ridge | 1000 | 155 | 235 | 100 | - | 33.0 | 25 | Call sales |
| 00786 | Sport high capacity slot channel radius 36.5m no ridge | 1000 | 155 | 235 | 100 | 36.5 | 33.0 | 25 | Call sales |
| 00783 | Sport high capacity slot channel straight one ridge | 1000 | 155 | 248 | 100 | - | 33.0 | 25 | Call sales |
| 00785 | Sport high capacity slot channel radius 36.5m one ridge | 1000 | 155 | 248 | 100 | 36.5 | 33.0 | 25 | Call sales |

ACO Sport high capacity slot channel sump and accessories

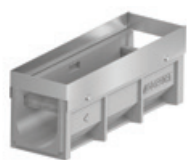
| | | | | | | | | | |
|-------|---|-----|-----|-----|-----|---|------|----|------------|
| 02707 | Sport high capacity slot channel sump | 500 | 155 | 580 | 100 | - | 30.0 | 25 | Call sales |
| 75201 | Sport high capacity slot channel sump cover no ridge | 500 | 123 | 33 | - | - | 3.0 | 25 | Call sales |
| 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 |

ACO Sport Kerbstones, straight black

| | | | | | | | | | |
|-------|--|------|-----|-----|---|---|------|----|------------|
| 01690 | Sport Kerbstone 200mm height 50mm width | 1000 | 50 | 200 | - | - | 12.5 | 60 | Call sales |
| 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 | - | - | 24.0 | 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 |

ACO Sport Kerbstones, straight white

| | | | | | | | | | |
|-------|--|------|----|-----|---|---|------|----|------------|
| 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 |



15574



00784



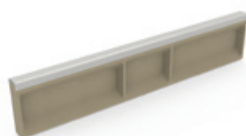
00783



02707



01690



01689



| Product Code | Description | Length | Width Overall | Depth Overall | Internal Width | Radius | Weight | Pack Quantity | Lead Time |
|--------------|-------------|--------|---------------|---------------|----------------|--------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [mm] | | [kg] | | |

ACO Sport Kerbstones, corner piece black

| | | | | | | | | | |
|-------|--|---------|----|-----|---|---|------|----|------------|
| 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 |

ACO Sport Kerbstones, corner piece white

| | | | | | | | | | |
|-------|--|---------|----|-----|---|---|------|----|------------|
| 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 |

ACO Sport Sand Capture

| | | | | | | | | | |
|-------|--|------|-----|-----|---|---|------|---|------------|
| 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 |

ACO Sport Water Jump

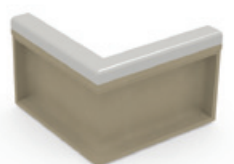
| | | | | | | | | | |
|------|----------------------|------|------|-----|---|---|------|---|------------|
| 2159 | ACO Sport water jump | 3560 | 3660 | 753 | - | - | 1127 | 1 | Call sales |
|------|----------------------|------|------|-----|---|---|------|---|------------|

ACO Sport Troughs

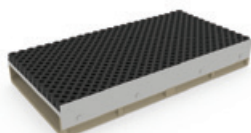
| | | | | | | | | | |
|-------|---|------|-----|-----|-----|------|------|----|------------|
| 15566 | Sport Trough channel straight field | 1000 | 220 | 60 | 185 | - | 18.0 | 25 | Call sales |
| 15568 | Sport Trough channel sump | 600 | 220 | 348 | 185 | - | 22.0 | 25 | Call sales |
| 15569 | Sport Trough channel straight track | 1000 | 250 | 70 | 185 | - | 28.0 | 25 | Call sales |
| 15570 | Sport Trough channel radius 36.5m track | 1000 | 250 | 70 | 185 | 36.6 | 28.0 | 25 | Call sales |
| 15716 | Sport Trough channel straight grooved | 1000 | 250 | 70 | 185 | - | 26.0 | 25 | Call sales |
| 15717 | Sport Trough channel radius 36.6m grooved | 1000 | 250 | 70 | 185 | 36.6 | 26.0 | 25 | Call sales |
| 00812 | Sport Trough sump track | 600 | 250 | 353 | 185 | - | 30.0 | 2 | Call sales |
| 15718 | Sport Trough sump grooved | 600 | 250 | 353 | 185 | - | 29.0 | 25 | Call sales |
| 0056 | 820 Drain union PVC-U Ø110mm | - | - | - | - | - | 0.1 | 5 | Call sales |
| 15708 | Sport Trough expansion profile set | - | 250 | - | - | - | 0.05 | 5 | Call sales |
| 15715 | Sport Trough end cap | - | 250 | 150 | - | - | 0.3 | 5 | Call sales |



01041



00968



01475



15566



15569



15716

SuDS

ACO SuDS solutions support the easy connection and distribution of water within green areas like swales and raingardens, reducing installation and maintenance costs.



| Product Code | Description | Length | Width Overall | Depth Overall | Weight | Pack Quantity | Lead Time |
|--------------|-------------|--------|---------------|---------------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [kg] | | |

ACO SuDS Swale Inlet

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.

| | | | | | | | |
|-------|---|------|-----|-----|------|---|------------|
| 27111 | ACO SuDS Swale Inlet - natural | 1150 | 580 | 365 | 76.0 | 1 | Call sales |
| 27112 | ACO SuDS Swale Inlet - grey | 1150 | 580 | 365 | 76.0 | 1 | Call sales |
| 27113 | ACO SuDS Swale Inlet - black | 1150 | 580 | 365 | 76.0 | 1 | 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

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.

| | | | | | | | |
|--------|---|-----|-----|------|------|---|------------|
| 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 | 22.0 | 1 | Call sales |
| 89052 | Double outlet, outlet and overflow connector 160mm | 419 | 179 | 685 | 1.0 | 1 | Call sales |
| 89053 | SSA turbulence reducer, stainless steel | 330 | 330 | 473 | 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 |



27112



Assembly Combipoint SSA

| Product Code | Description | Length | Width Overall | Depth Overall | Weight | Pack Quantity | Lead Time |
|--------------|-------------|--------|---------------|---------------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [kg] | | |

ACO SuDS Infiltration Channel Outlets

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.

| | | | | | | | |
|-------|---|-----|-----|-----|-----|---|------------|
| 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 Gullies

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.

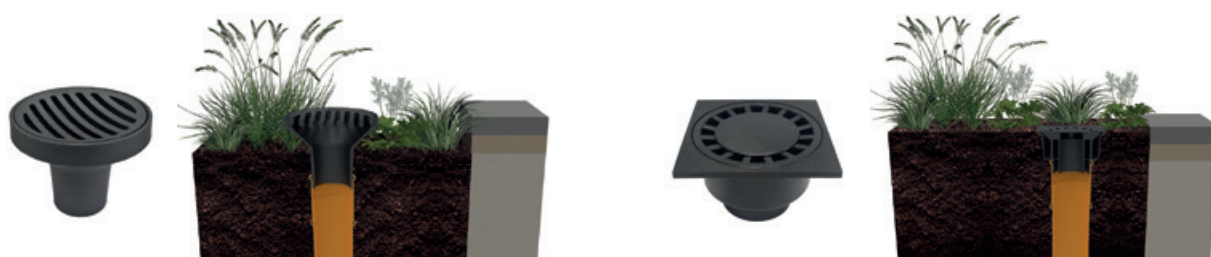
| | | | | | | | |
|--------|---------------------------------------|-----|-----|-----|------|---|------------|
| 25191 | SuDS Overflow gully ductile iron | 250 | 250 | 200 | 10.0 | 1 | Call sales |
| 310094 | SuDS Overflow gully black ABS plastic | 200 | 200 | 126 | 1.5 | 1 | Call sales |



27301

27302

27303



25191

25191 with freeboard

310094

310094 installed level to ground



Wildlife

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.



| Product Code | Description | Length [mm] | Width Overall [mm] | Depth Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--------------|-------------|----------------|-----------------------|-----------------------|----------------|---------------|-----------|
|--------------|-------------|----------------|-----------------------|-----------------------|----------------|---------------|-----------|

ACO One-Way Fence and Tunnel Entrance

Recycled composite small animal guidance system. Guides small animals to the tunnel. System includes Fence Panel, Post and Tunnel Entrance Unit.

| | | | | | | | |
|-------|------------------------------------|------|-----|-----|------|-----|------------|
| 99705 | Wildlife one-way fence panel | 1050 | 525 | 440 | 4.8 | 15 | Call sales |
| 99708 | Wildlife fence post (chisel point) | 40 | 40 | 950 | 2.0 | 400 | Call sales |
| 99712 | Wildlife tunnel entrance | 750 | 585 | 521 | 19.0 | 4 | Call sales |

ACO Guide Wall

Polymer concrete Guide Wall for small animals. Prevents small animals from reaching the carriageway and guides them to the Climate Tunnel Entrance.

| | | | | | | | |
|-------|---|------|-----|-----|------|---|------------|
| 17845 | Wildlife guide wall LEP100 straight | 1000 | 470 | 450 | 49.0 | 8 | Call sales |
| 18406 | Wildlife guide wall LEP100F dropper | 540 | 470 | 450 | 24.1 | 8 | Call sales |
| 18405 | Wildlife guide wall LEP100S riser | 540 | 470 | 450 | 27.1 | 8 | Call sales |
| 18408 | Wildlife guide wall LEP100A outside curve | 530 | 470 | 450 | 25.1 | 8 | Call sales |
| 18407 | Wildlife guide wall LEP100I inside curve | 560 | 470 | 450 | 25.1 | 8 | Call sales |

ACO Climate Tunnel

Suitable for load class application D 400. Polymer concrete Climate Tunnel. Precast tunnel system to allow small animals to cross roads safely. Can be installed flush with or below road surface.

| | | | | | | | |
|-------|--------------------------------|------|-----|-----|-----|---|------------|
| 11120 | Climate tunnel slotted KT500 | 1000 | 580 | 520 | 258 | 2 | Call sales |
| 11121 | Climate tunnel slotted KT500 | 500 | 580 | 520 | 131 | 2 | Call sales |
| 11122 | Climate tunnel solid top KT500 | 1000 | 580 | 520 | 269 | 2 | Call sales |
| 11123 | Climate tunnel solid top KT500 | 500 | 580 | 520 | 134 | 2 | Call sales |

ACO Climate Tunnel Entrance

Suitable for load class application C 250. Interface between Guide Wall and Climate Tunnel. Polymer concrete tunnel entrance ensures animals are guided to the tunnel and prevented from accessing the carriageway.

| | | | | | | | |
|-------|--|------|------|-----|------|---|------------|
| 11124 | Climate tunnel entrance KP1000-700 | 1000 | 1000 | 720 | 284 | 1 | Call sales |
| 11125 | Climate tunnel entrance wing KP1000-700 right hand | 1080 | 330 | 720 | 67.5 | 2 | Call sales |
| 11126 | Climate tunnel entrance wing KP1000-700 left hand | 1080 | 330 | 720 | 66.5 | 2 | Call sales |
| 11130 | Climate portal complete* | - | - | - | 569 | 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.



99705



17845



11120



11124



| Product Code | Description | Length | Width Overall | Height Overall | Weight | Pack Quantity | Lead Time |
|--------------|-------------|--------|---------------|----------------|--------|---------------|-----------|
| | | [mm] | [mm] | [mm] | [kg] | | |

ACO Climate Stilt Tunnel

Suitable for load class application C 250. 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.

| | | | | | | | |
|-------|---|-----|-----|-----|------|----|------------|
| 11131 | Climate stilt tunnel slotted KST500-700 | 500 | 580 | 720 | 129 | 1 | Call sales |
| 11132 | Climate stilt tunnel plus Plate* | - | - | - | - | 1 | Call sales |
| 11129 | Climate tunnel stepdown KT500 | 50 | 580 | 300 | 6.9 | 10 | Call sales |
| 11127 | Climate plate KSP with drain holes | 480 | 480 | 30 | 16.0 | 45 | Call sales |

ACO Stop Channel

Suitable for load class application D 400. 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.

| | | | | | | | |
|-------|-------------------------------------|------|-----|-----|-----|---|------------|
| 11133 | ACO Stop Channel - polymer concrete | 1000 | 532 | 450 | 200 | 1 | Call sales |
|-------|-------------------------------------|------|-----|-----|-----|---|------------|

ACO Wildlife Kerb

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.

| | | | | | | | |
|-------|-------------------|-----|-----|-----|------|----|------------|
| 40090 | Wildlife kerb HB2 | 915 | 125 | 255 | 43.0 | 18 | Call sales |
|-------|-------------------|-----|-----|-----|------|----|------------|

ACO Wildlife Gully Ladders

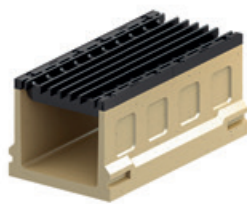
Helping amphibians to safely escape from gullies. The ladders help to support wildlife conservation efforts, crucially in areas where migratory species roam.

| | | | | | | | |
|-------|-------------------------|-------|-----|---|-----|---|------------|
| 40091 | Wildlife gully ladders* | 15000 | 200 | - | 1.6 | 1 | Call sales |
|-------|-------------------------|-------|-----|---|-----|---|------------|

* Supplied with 50 SS bars (dimensions 150x30x4mm); Glue/sealant, bolts/washer and self tapping screws are not included. Wildlife gully ladders will create up to 25 ladders depending on the depth of the gully required.



11131



11133



40090



40091



| Product Code | Description | Length [mm] | Width Overall [mm] | Height Overall [mm] | Weight [kg] | Pack Quantity | Lead Time |
|--------------|-------------|----------------|--------------------------|---------------------------|----------------|------------------|--------------|
|--------------|-------------|----------------|--------------------------|---------------------------|----------------|------------------|--------------|

ACO Wildlife Refuges

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.

| | | | | | | | |
|-------|------------------------------------|-----|-----|-----|------|---|------------|
| 18891 | Wildlife multi-use refuge – Type 1 | 650 | 650 | 120 | 21.0 | - | Call sales |
| 18892 | Wildlife multi-use refuge – Type 2 | 650 | 650 | 120 | 21.0 | - | Call sales |
| 18893 | Wildlife multi-use refuge – Type 3 | 650 | 650 | 120 | 21.0 | - | Call sales |
| 18894 | Wildlife multi-use refuge – Type 4 | 650 | 650 | 120 | 21.0 | - | Call sales |
| 18895 | Wildlife multi-use refuge – Type 5 | 650 | 650 | 120 | 21.0 | - | Call sales |

Entrance size (mm) and type
Wildlife multi-use refuge Type 1: Open arch; Wildlife multi-use Type 2: 60 x 10 slot; Wildlife multi-use Type 3: 60 x 15 slot; Wildlife multi-use Type 4: ø30 semicircle; Wildlife multi-use Type 5: ø70 semicircle

ACO Nest Box

Integral bird nest box to build in to new or existing walls. Developed to provide a sheltered nesting refuge for small birds.

| | | | | | | | |
|------|---|-----|-----|-----|-----|---|------------|
| 7487 | Nest box assembly natural 28mm dia hole | 108 | 103 | 215 | 2.7 | - | Call sales |
|------|---|-----|-----|-----|-----|---|------------|

ACO Bat Box

Integral bat roosting box to build in to new or existing walls. Developed to provide a sheltered roosting refuge for bats.

| | | | | | | | |
|-------|------------------|-----|-----|-----|-----|---|------------|
| 18890 | Bat box assembly | 108 | 108 | 215 | 2.8 | - | Call sales |
|-------|------------------|-----|-----|-----|-----|---|------------|



18891, 18892, 18893, 18894, 18895



7487



18890

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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