



ACO product catalogue

ACO external drainage



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1 ACO Self Euroline

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ACO Self Euroline

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ACO Self Euroline 55

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ACO Self Euroline

ACO Self Information

| Load class |
|---|
| ■ Domestic and light vehicle traffic applications – A15, B125 |
| Clear width |
| ■ 100 mm |
| Applications |
| ■ Treshold drainage |
| ■ Driveways |
| ■ Privat parking |
| ■ Terraces |
| ■ Garages |

ACO drainage Self® is designed specifically for the private sector and combines the best quality of performance with high design requirements. All grids are for travel passenger cars, which meet all load requirements occurring around family home. For covers grids is selected several materials with different surface adjustments – from galvanised grating,

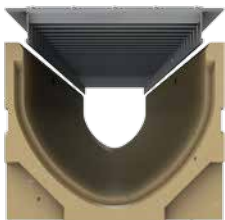
stainless steel, cast iron or plastic to special adaptations to different painting shades of color. Gratings include screwless locking solution providing easy installation and and removal of the cover gratings.

ACO Self Euroline specifications

- Basic elements from polymer concrete
- Frost resistant
- High strength at low weight

- Smooth surface for rapid water flow and self-cleaning capabilities
- V-profile
- Free access to the trough for easy cleaning

- Screwless locking grids
- Sf groove for 100% sealed channel
- Travel by private cars



V profile and SF groove for 100% sealed channel

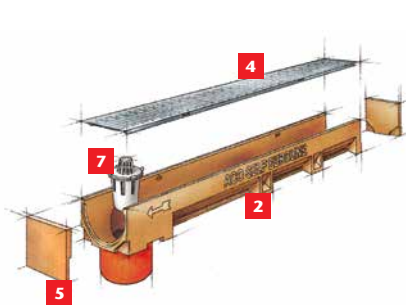


Channels with outlet DN 110 in bottom can be equipped foul air trap with coarse dirt strainer

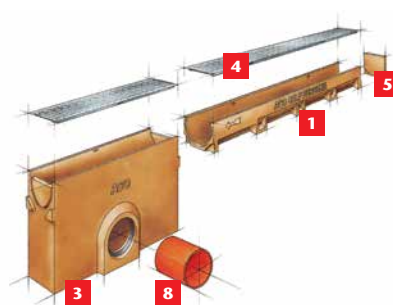


Sump unit including sludge bucket (PP) can be added foul air trap

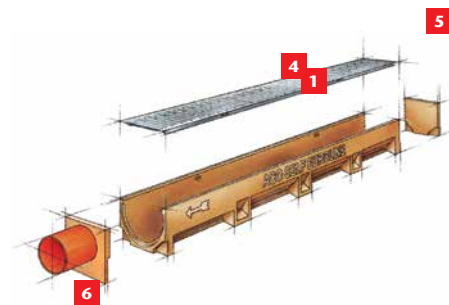
Overview of system ACO Self Euroline and connection to sewage system



1. Channel body 1,0 (or 0,5m)
2. Channel body 1,0 with outlet DN 110
3. Channel body with outlet DN 110



4. Channel grating (chosed from wide range of gratings)
5. End cap

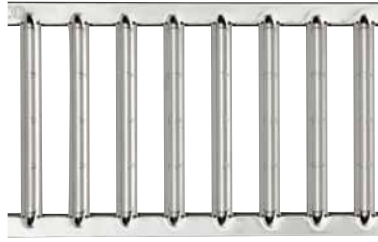


6. End cap with outlet DN 110
7. Channel odor seal
8. Pipe outlet DN 110

Gratings overview



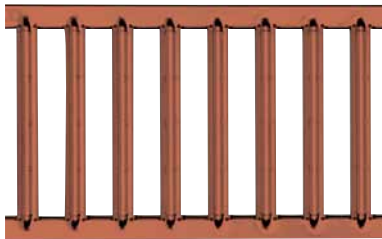
Galvanised slotted grating



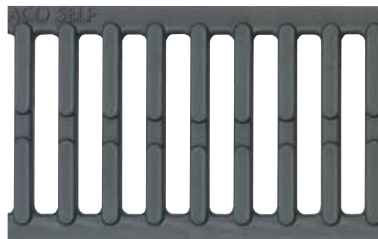
Stainless steel slotted grating
 electrolytically polished



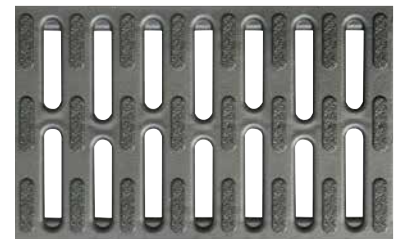
Galvanised slotted grating – ANTHRACITE



Galvanised slotted grating – TERAKOTA



Cast iron slotted grating



Plastic slotted grating with Microgrip



Brickslot
 Galvanised or stainless steel



Linear triangle bar grating (Heelsafe)
 Stainless steel

Line drainage system ACO Self Euroline with gratings

Product information

ACO product benefits

- Channel body made of polymer
 - With V-profile
 - Easy access for cleaning
 - Screwless locking grid
 - SF groove for safety watertight installation
- Construction products (CE)
 - For cars in private area
 - Clear width 100 mm
 - Optionally available with galvanised, cast iron or plastic grating



ACO Self Euroline – with galvanised slotted grating

Order information

| Length [mm] | Dimensions Width [mm] | Height [mm] | Weight [kg] | PU | Item number |
|--|--------------------------|-------------|-------------|----|-------------|
| Channel | | | | | |
| 1000 | 118 | 100 | 8,2 | 60 | 38700 |
| 500 | 118 | 100 | 4,2 | 60 | 38702 |
| Channel with outlet in bottom part DN 110 | | | | | |
| 1000 | 118 | 100 | 8,3 | 60 | 38701 |
| Sump unit (including sludge basket) | | | | | |
| 500 | 118 | 303 | 11,3 | 12 | 38703 |

ACO Self Euroline – with anthracite powder coated slotted grating



Order information

| Length [mm] | Dimensions Width [mm] | Height [mm] | Weight [kg] | PU | Item number |
|--|--------------------------|-------------|-------------|----|-------------|
| Channel | | | | | |
| 1000 | 118 | 100 | 8,3 | 60 | 409972 |
| 500 | 118 | 100 | 4,3 | 60 | 409974 |
| Channel with outlet in bottom part DN 110 | | | | | |
| 1000 | 118 | 100 | 8,5 | 60 | 409973 |
| Sump unit (including sludge basket) | | | | | |
| 500 | 118 | 303 | 11,3 | 12 | 409975 |

ACO Self Euroline – cast iron slotted grating

Order information

| Length [mm] | Dimensions Width [mm] | Height [mm] | Weight [kg] | PU | Item number |
|--|-----------------------|-------------|-------------|----|--------------|
| Channel | | | | | |
| 1000 | 118 | 104 | 11,8 | 60 | 38705 |
| 500 | 118 | 104 | 6,0 | 60 | 38707 |
| Channel with outlet in bottom part DN 110 | | | | | |
| 1000 | 118 | 104 | 12,5 | 60 | 38706 |
| Sump unit (including sludge basket) | | | | | |
| 500 | 118 | 305 | 13,0 | 12 | 38708 |

ACO Self Euroline – with plastic grating with non slip finish Microgrip

Order information

| Length [mm] | Dimensions Width [mm] | Height [mm] | Weight [kg] | PU | Item number |
|--|-----------------------|-------------|-------------|----|---------------|
| Channel | | | | | |
| 1000 | 118 | 100 | 7,6 | 60 | 416324 |
| 500 | 118 | 100 | 4,6 | 60 | 416326 |
| Channel with outlet in bottom part DN 110 | | | | | |
| 1000 | 118 | 100 | 7,7 | 60 | 416325 |
| Sump unit (including sludge basket) | | | | | |
| 500 | 118 | 303 | 10,7 | 12 | 416327 |

ACO Self Euroline –with galvanised steel Brickslot**Order information**

| Length [mm] | Dimensions Width [mm] | Height [mm] | Weight [kg] | PU | Item number |
|---|--------------------------|-------------|-------------|----|-------------|
| Channel | | | | | |
| 1000 | 118 | 175 | 10,3 | 30 | 406674 |
| Channel with knock-out in bottom part DN 110, inspection | | | | | |
| 1000 | 118 | 175 | 11,3 | 30 | 406675 |

ACO Self Euroline – with stainless steel Linear triangle bar grating (Heelsafe)**Order information**

| Length [mm] | Dimensions Width [mm] | Height [mm] | Weight [kg] | PU | Item number |
|--|--------------------------|-------------|-------------|----|-------------|
| Channel | | | | | |
| 1000 | 118 | 100 | 10 | 60 | 38710 |
| 1000 | 118 | 100 | 5,1 | 60 | 38712 |
| Channel with outlet in bottom part DN 110 | | | | | |
| 1000 | 118 | 100 | 10 | 12 | 38711 |
| Sump unit (including sludge basket) | | | | | |
| 1000 | 118 | 303 | 12 | 12 | 38713 |

Line drainage system ACO Self Euroline – without gratings
Product information
ACO product benefits





- Channel body made of polymer concrete
- To 16 variant drainage channels
- Free access for easy cleaning

- Light vehicle traffic
- Clear width of 100 mm



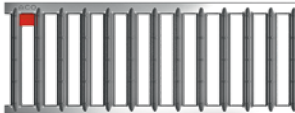


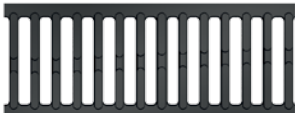


Order information

| | Dimensions | | | Weight [kg] | PU | Item number |
|---|-------------|------------|-------------|-------------|----|---------------|
| | Length [mm] | Width [mm] | Height [mm] | | | |
| Self Euroline channel | | | | | | |
|  | 1000 | 118 | 97 | 7,0 | 60 | 38500 |
| | 500 | 118 | 97 | 3,6 | 60 | 38502 |
| Channel with knock out | | | | | | |
|  | 1000 | 118 | 97 | 7,7 | 60 | 406545 |
| Self Euroline channel with bottom outlet DN 110 | | | | | | |
|  | 1000 | 118 | 97 | 7,0 | 60 | 38501 |
| Self Euroline sump unit (including sludge basket) | | | | | | |
|  | 500 | 118 | 300 | 10,5 | 12 | 38503 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|--|--|--------------------------|-------------|-----|---------------|
|  | Universal end cap | ■ Euroline channels | 0,45 | 300 | 38504 |
|  | End cap with outlet DN 110 | ■ Euroline channels | 0,6 | 42 | 38505 |
|  | Segmented end cap | ■ Euroline channels | 0,35 | 300 | 413183 |
|  | Grating hook ■ For removing cover gratings ■ Galvanised steel | ■ screwless locking grid | 0,3 | 1 | 01290 |

Line drainage system ACO Self Euoline – gratings overview
Product information



| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|---|-------------|------------|---------------------------------|----------------------------------|-------------|----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted gratings | | | | | | | | |
|  | Galvanised steel | 1000 | 118 | 12 | 468 | 1,2 | 20 | 38516 |
| | | 500 | 118 | 12 | 468 | 0,58 | 5 | 38517 |
|  | Polypropylen with Microgrip | 1000 | 118 | 8 | 254 | 0,63 | 20 | 319250 |
| | | 500 | 118 | 8 | 254 | 0,32 | 5 | 319251 |
|  | Stainless steel electrolytically polished | 1000 | 118 | 12 | 468 | 1,05 | 10 | 310307 |
| | | 500 | 118 | 12 | 468 | 0,55 | 5 | 310308 |
|  | Galvanised steel ANTHRACITE | 1000 | 118 | 12 | 468 | 1,05 | 10 | 409990 |
| | | 500 | 118 | 12 | 468 | 0,55 | 5 | 409991 |
|  | Galvanised steel TERACOTA | 1000 | 118 | 12 | 468 | 1,05 | 10 | 310305 |
| | | 500 | 118 | 12 | 468 | 0,55 | 5 | 310306 |
|  | Cast iron | 500 | 118 | 12 | 470 | 2,4 | 20 | 38512 |
| Linear triangle bar grating (Heelsafe) | | | | | | | | |
|  | Stainless steel | 1000 | 118 | 6 | 440 | 3,15 | 6 | 10323 |
| | | 500 | 118 | 6 | 440 | 1,5 | 3 | 10324 |

Brickslot

Product information

- Slot height 40 mm



Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|--|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 118 | 10 | 100 | 3,34 | 100 | 415822 |
| | | 850 | 118 | 10 | 100 | 2,83 | 100 | 415824 |
| | | 500 | 118 | 10 | 100 | 1,68 | 120 | 415846 |
| | Stainless steel | 1000 | 118 | 10 | 100 | 3,34 | 100 | 415826 |
| | | 850 | 118 | 10 | 100 | 2,83 | 100 | 415828 |
| | | 500 | 118 | 10 | 100 | 1,68 | 120 | 415847 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 118 | 10 | 100 | 2,30 | 60 | 415823 |
| | | 150 | 118 | 10 | 100 | 0,98 | 140 | 415825 |
| | Stainless steel | 500 | 118 | 10 | 100 | 2,32 | 60 | 415827 |
| | | 150 | 118 | 10 | 100 | 0,98 | 140 | 415829 |

Product information

- Slot height 65 mm


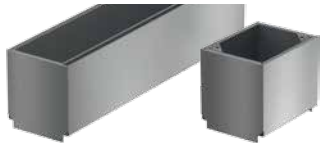
Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 118 | 10 | 100 | 3,95 | 100 | 415830 |
| | | 850 | 118 | 10 | 100 | 3,35 | 100 | 415832 |
| | | 500 | 118 | 10 | 100 | 1,99 | 120 | 415848 |
| | Stainless steel | 1000 | 118 | 10 | 100 | 3,95 | 100 | 415834 |
| | | 850 | 118 | 10 | 100 | 3,35 | 100 | 415836 |
| | | 500 | 118 | 10 | 100 | 1,99 | 120 | 415849 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 118 | 10 | 100 | 3,00 | 60 | 415831 |
| | | 150 | 118 | 10 | 100 | 1,28 | 140 | 415833 |
| | Stainless steel | 500 | 118 | 10 | 100 | 3,00 | 60 | 415835 |
| | | 150 | 118 | 10 | 100 | 1,28 | 140 | 415837 |

Product information

- Slot height 105 mm

Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 118 | 10 | 100 | 4,93 | 80 | 415838 |
| | | 850 | 118 | 10 | 100 | 4,19 | 80 | 415840 |
| | | 500 | 118 | 10 | 100 | 2,48 | 100 | 415850 |
| | Stainless steel | 1000 | 118 | 10 | 100 | 4,93 | 80 | 415842 |
| | | 850 | 118 | 10 | 100 | 4,19 | 80 | 415844 |
| | | 500 | 118 | 10 | 100 | 2,48 | 100 | 415851 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 118 | 10 | 100 | 4,20 | 60 | 415839 |
| | | 150 | 118 | 10 | 100 | 1,76 | 140 | 415841 |
| | Stainless steel | 500 | 118 | 10 | 100 | 4,20 | 60 | 415843 |
| | | 150 | 118 | 10 | 100 | 1,76 | 140 | 415845 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|--|---|--------------|-------------|----|---------------|
| | Lifting tool for Brickslot with revision opening 0,5m | ■ Brickslot | 0,31 | 1 | 415924 |

Line drainage system ACO Self Euroline 55

Product information

ACO product benefits

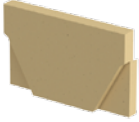
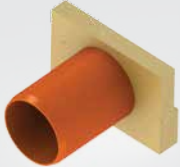
- Channel body made of polymer concrete
- Free access for easy cleaning
- Screwless locking grid
- SF groove for watertight installation
- Construction products (CE)
- For cars in private area
- Clear width of 100 mm
- Supplied with galvanised grid or separately with a choice any grid



Order information

| Length [mm] | Dimensions | | Type | Weight [kg] | PU | Item number |
|--|------------|-------------|-------------------------------------|-------------|----|---------------|
| | Width [mm] | Height [mm] | | | | |
| Euroline 55 channel without grating | | | | | | |
| 1000 | 118 | 55 | Channel | 5.0 | 60 | 810000 |
| 1000 | 118 | 55 | Channel with outlet DN 110 | 4,8 | 60 | 810010 |
| 1000 | 118 | 55 | Channel with knock out | 5.0 | 60 | 810020 |
| 1000 | 118 | 55 | Channel only without logo | 5 | 60 | 413141 |
| Euroline 55 with galvanised slotted grating | | | | | | |
| 1000 | 118 | 57 | Channel | 6,3 | 60 | 416922 |
| 1000 | 118 | 57 | Channel with outlet DN 110 | 6,4 | 60 | 416923 |
| 1000 | 118 | 57 | Channel with knock out | 6,3 | 60 | 413608 |
| 1000 | 118 | 57 | Channel with knock out without logo | 6,3 | 60 | 413142 |
| Euroline 55 with anthracite slotted grating | | | | | | |
| 1000 | 118 | 57 | Channel | 6,3 | 60 | 416924 |
| 1000 | 118 | 57 | Channel with outlet DN 110 | 6,4 | 60 | 416925 |
| 1000 | 118 | 57 | Channel with knock out | 6,3 | 60 | 413609 |
| Euroline 55 with cast iron slotted grating | | | | | | |
| 1000 | 118 | 60 | Channel | 9 | 60 | 416926 |
| 1000 | 118 | 60 | Channel with outlet DN 110 | 9,1 | 60 | 416927 |
| 1000 | 118 | 60 | Channel with knock out | 9 | 60 | 413196 |
| Euroline 55 with Linear triangle bar grating (Heelsafe) | | | | | | |
| 1000 | 118 | 57 | Channel | 8,15 | 60 | 416928 |
| 1000 | 118 | 57 | Channel with outlet DN 110 | 8,25 | 60 | 416929 |
| 1000 | 118 | 57 | Channel with knock out | 8,15 | 60 | 413197 |
| Euroline 55 Brickslot h=40 mm | | | | | | |
| 1000 | 118 | 108 | Channel | 8,3 | 60 | 416918 |
| 1000 | 118 | 108 | Channel Brickslot inspection | 8,5 | 60 | 416919 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|--|---|-------------|-----|---------------|
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel beginning and end ■ Made of polymer concrete | <ul style="list-style-type: none"> ■ Euroline 55 | 0.2 | 300 | 810200 |
|  | End cap with outlet <ul style="list-style-type: none"> ■ Made of polymer concrete ■ Outlet DN 60 (options to DN 100) | <ul style="list-style-type: none"> ■ Euroline 55 | 0.4 | 200 | 810201 |

2 ACO Self Vario mats

| | | |
|----------------------------|----------------|-----------|
| | Base Vario | 18 |
| ACO Self Vario mats | | |
| | Mats and grids | 19 |

System of outdoor mats Vario

Product information

ACO product benefits

- Versatile combination of system components
- Suitable for indoor and outdoor areas
- Easy installation with customized height
- Individual design options

- Long life thanks to the materials
- Timeless design
- For outdoor use
- Of polymer concrete
- Edge protection made of galvanised steel
- With the spigot DN 110



Order information

| Length [mm] | Dimensions | | Weight [kg] | PU | Item number |
|--------------------------------------|---------------|----------------|----------------|----|----------------|
| | Width [mm] | Height [mm] | | | |
| Vario – polymer concrete base | | | | | |
| 600 | 400 | 80 | 11,4 | 20 | 00398 |
| 750 | 500 | 80 | 16,6 | 20 | 00399 |
| 1000 | 500 | 80 | 22,7 | 10 | 00400 |

System of outdoor mats Vario – mats and grids

Product information

- Actual size of the grids is 10 mm smaller than said dimension
- Frames and mats are embedded
- For vario base and frames
- Mats are suitable for indoor and covered outdoor spaces

Order information

| | Material | Suitable for length and width [mm] | Mats height [mm] | Weight [kg] | PU | Item number |
|---|---|------------------------------------|------------------|-------------|----|-------------|
| Mesh grid with V profile | | | | | | |
|  | Galvanised steel mesh grid | 600 × 400 | 20 | 3,7 | 20 | 01207 |
| | | 750 × 500 | 20 | 6,0 | 20 | 01208 |
| | | 1000 × 500 | 20 | 8,1 | 10 | 01209 |
| Mesh grid 30/30 mm | | | | | | |
|  | Galvanised steel mesh grid | 600 × 400 | 20 | 3,5 | 20 | 82403 |
| | | 750 × 500 | 20 | 5,7 | 20 | 82404 |
| Mats with felt filling | | | | | | |
|  | Anthracite carpet and aluminium mat | 600 × 400 | 20 | 3,0 | 4 | 01210 |
| | | 750 × 500 | 20 | 4,6 | 4 | 01211 |
| | | 1000 × 500 | 20 | 6,2 | 4 | 01212 |
|  | Light grey carpet and aluminium | 600 × 400 | 20 | 3,0 | 4 | 02180 |
| | | 750 × 500 | 20 | 4,6 | 4 | 02181 |
| | | 1000 × 500 | 20 | 6,2 | 4 | 02182 |
| Mats with felt filling | | | | | | |
|  | Black rubber and aluminium | 600 × 400 | 20 | 3,2 | 4 | 01213 |
| | | 750 × 500 | 20 | 4,9 | 4 | 01214 |
| | | 1000 × 500 | 20 | 6,7 | 4 | 01215 |
| Mats with felt filling and cassette brush | | | | | | |
|  | Light grey carpet and aluminium with cassette brushes | 600 × 400 | 20 | 3,5 | 4 | 10702 |
| | | 750 × 500 | 20 | 5,6 | 4 | 10703 |
| | | 1000 × 500 | 20 | 6,3 | 4 | 10704 |

3 ACO Point drainage

| | | |
|--------------------------------|------------------------------------|-----------|
| ACO Point drainage | Introduction | 21 |
| ACO Self Garden gully | Drains with grates and accessories | 22 |
| ACO Gala point drainage | Drains with grates and accessories | 23 |

ACO Self point drainage

Product information

| Product | Load class | Aplikace |
|-------------------------|---------------------|---|
| ACO Self Garden gully | ■ A 15 | <ul style="list-style-type: none"> ■ Residential developments ■ Pedestrian zone |
| ACO GALA point drainage | ■ B 125 | <ul style="list-style-type: none"> ■ Platforms ■ Pedestrian areas, car parking |
| | According to EN 124 | |

Courtyard and street inlets are a perfect drainage solution for areas, where the terrain requires point drainage. Thanks to a range of materials, hydraulic capacity and flow velocity this system provides a solution for a wide variety of application.

3

ACO Self Garden gully

ACO Self Garden gully is variable and highly functional system with simple installation.

This system was designed for drainage from hard-surface areas with the possibility of connection to roof drainage. To avoid blocking of the drainage system the inlets are equipped with sludge basket. The mechanism provides for easy maintenance of the system. Manufactured from stable and high-strength polymereconcrete. Two types of grating available for this type.



Possibility to assemble it as sediment trap roof

ACO GALA point drainage

ACO Gala inlet with the Pointlock locking system and B 125 load class was designed for outdoor areas. The product has high standards of both, manufacture and design, which enables simple installation. The bar-less locking device Pointlock avoids unwanted grating

removal. The grating can only be opened using grating lifting tool. It is ideal for application at schools, platforms and other areas with high level of foot traffic.



Point drain with cast-iron grating and frame



Extension for increase total building height



Leveling part for adjusting building height

ACO Self Garden gully

Product information

ACO product benefits

- Sump unit made from polymerconcrete
 - With integrated. Removable odor seal
 - Including sludge basket
 - In combination with the extension can be used as a sediment trap for roof drainage DN 100
- In a private area of mobile car
 - With two types of grids
 - With outlet DN 110
 - Drainage area of approx. 150 m²
 - Flow rate through inlet 4 l/s




Drains with grates covering

Order information

| Length [mm] | Dimensions | | Grating | Weight [kg] | PU | Item number |
|-------------|------------|-------------|------------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | |
| 250 | 250 | 350 | Galvanised steel | 14,0 | 24 | 01581 |
| 250 | 250 | 360 | Cast iron | 19,0 | 24 | 01552 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|--|---|-------------|----|-------------|
|  | Extension <ul style="list-style-type: none"> ■ Body to increase the total height or as a mount element of roof drainage DN 110 ■ Height: 200 mm | <ul style="list-style-type: none"> ■ Self yard drain | 5,7 | 36 | 02102 |

ACO Gala point drainage

Product information

ACO product benefits

- Pointlock bar-less locking device

- According to EN 124
- Load class A15-B125
- With integrated seal for watertight connection to the base line DN 110
- With a frame made of ductile cast iron
- With integrated removable odour trap
- Including sludge basket (PP)






3

Drains with grates covering

Order information

| Length [mm] | Dimensions | | Grating | Weight [kg] | PU | Item number |
|-------------|------------|-------------|--|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | |
| 300 | 300 | 440 | Cast iron | 30,6 | 12 | 10500 |
| 300 | 300 | 440 | Galvanised steel (mesh grating MW 31x17) | 27,3 | 12 | 10501 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|--------------------|-------------|----|-------------|
|  | Extension ■ To increase total height ■ Mount element of roof leakage DN 110 ■ Height: 250mm | ■ Gala point drain | 9,5 | 24 | 02716 |
|  | Levelling part ■ To adapt the building height ■ Height: 60mm | ■ Gala point drain | 5,0 | 30 | 02717 |
|  | Grating hook ■ For removing cover gratings ■ Galvanised steel | ■ Gratings | 0,3 | 1 | 01290 |

4 ACO Drain N 100

| | | |
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| N 100 | Sump unit | 29 |
| | Accessories | 30 |
| | Gratings | 31 |

Drainage system with a wide range of application

Product information

| Load classes | | |
|--------------------------------|----------------------------------|---------|
| ■ A 15 | ■ B 125 | ■ C 250 |
| according to EN 1433 | | |
| Clear width | | |
| ■ 100 mm | ■ Polymer concrete | |
| Typical applications | | |
| ■ Residential developments | ■ Gardens and public landscaping | |
| ■ Pavements and cycling tracks | ■ Car parking | |
| ■ Car parking | | |

ACO DRAIN N 100 are channel drains manufactured from polymerconcrete high strength material which ensures high durability and light weight of the components.

The number of channels with bottom slope is increased to 20 in this drainage system which improves the flow velocity. The system also allows complex configurations (angular, cross and "T" connections).



Benefits

Large variability

Due to large number of channels with artificial slope is possible to take a really long line. 20m with artificial slope 0,5% complemented with channels without slope suggest unlimited possibilities.

Accessories

End caps, outlet end caps, gullies or T joints and other joints solve almost every situation and every complex applications connected to sewerage system.

Sump units

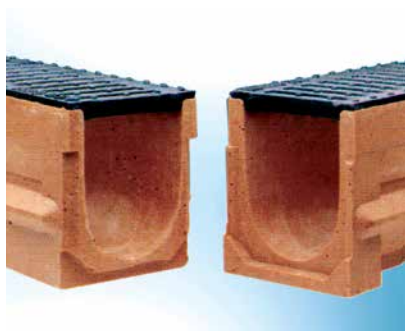
System offers two variants of system inlet, long and short version which is particularly suitable where it meets the necessary centimeters in depth. Another possibility is using runoff forehead with the sleeve DN 110 or removing knockouts in the bottom of some 1.0 m and 0.5 m channels, creating a bottom outlet DN 110.

Gratings

The system offers quite a large range of different grating materials for class load A15 to C 250. There are gratings made of galvanised steel, stainless steel and cast iron, this used meets load class C 250. Gratings are safe connected to channel by screw lock.



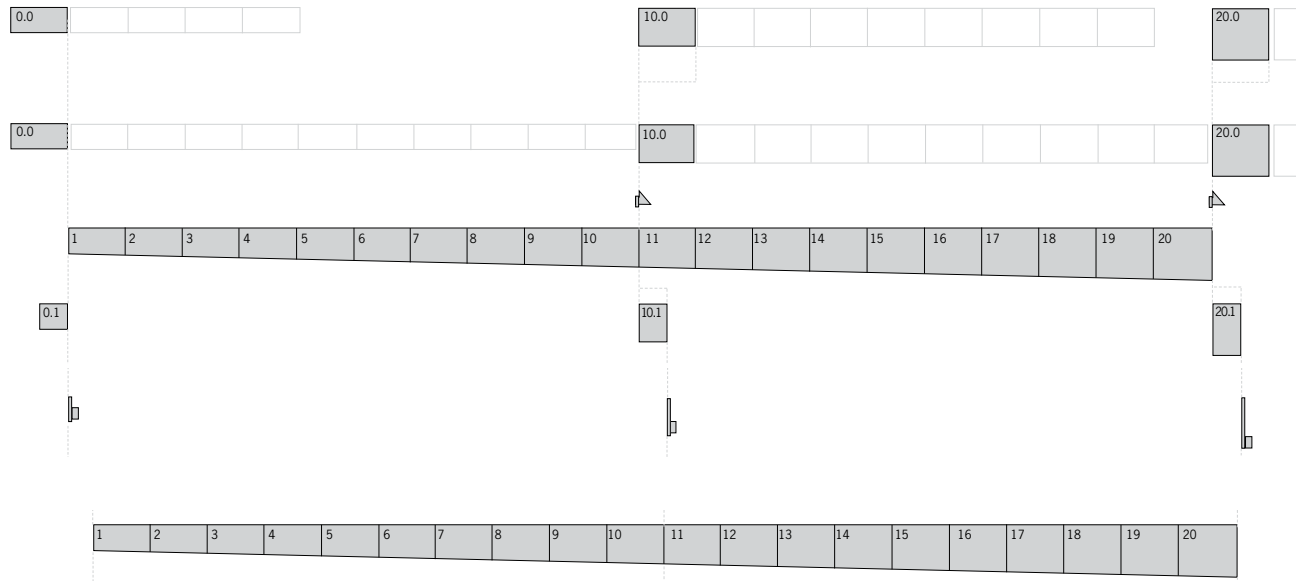
After removing grating can be channels easily cleaned



Proven system tongue and groove for precise installation



A simple design for your house environment

ACO Drain N 100 system layout


Channel body, 1000 mm.

Type 0.0 / 5.0 / 10.0 / 20.0

Channel bodies with preformed knock-out for vertical pipe connection



Channel body with sloping invert of 0,5, 1000 mm.

Type 1-20



Channel body with preformed

knock-out for vertical pipe connection and for corner, T and cross connections

Type 0.1 / 5.0 / 10.1 / 20.1



Channel end cap with socket

Type 0. / 5. / 10. / 20.



Sump unit, 500 mm.

Available in short-form or long-form desing

Line drainage system N 100

Product information

ACO product benefits

- Channels with inverted slope of 0,5 % in various building heights
- Gratings for a wide range of application
- Grids anchoring screw lock
- Channels made from polymer concrete
- According to the EN 1433
- Clear width 100 mm
- Load class A15-C 250
- Drain without protective edge



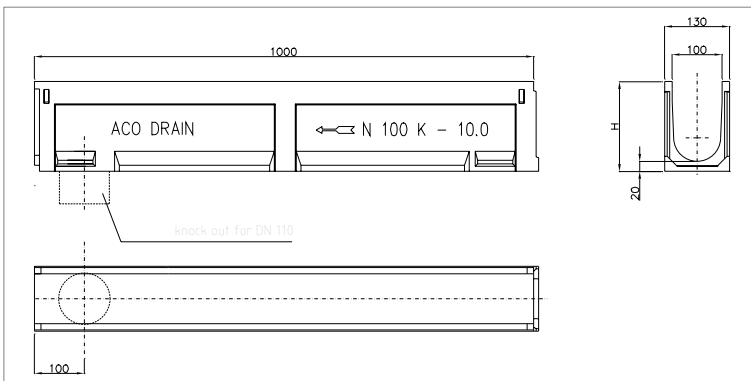
Channel body without sloping invert, 1 000 mm, 500 mm

Specific product information

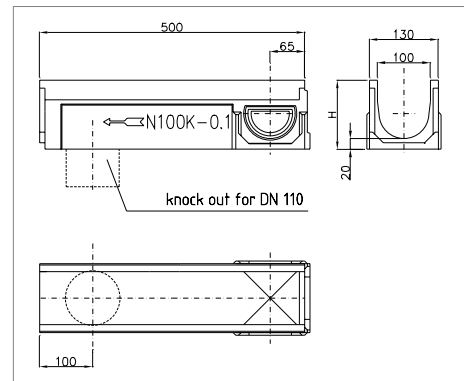
- Available with preformed knock-out for vertical pipe connection DN 110
- Channel body with side pre-mouldings for corner, T and cross connections



Order information



Channel N100 – 1,0 m, with preformed knock-out for vertical pipe connection



Channel N100 – 0,5 m, with preformed knock-out for vertical pipe connection

| Type | Length [mm] | Dimensions Width [mm] | Height Start/Finish [mm] | Weight [kg] | PU | Item number |
|-----------------|-------------|-----------------------|--------------------------|-------------|----|---------------|
| Channels | | | | | | |
| 0.0 | 1000 | 130 | 130 | 12,5 | 30 | 405121 |
| 5.0 | | | 155 | 13,6 | 30 | 405123 |
| 10.0 | | | 180 | 16,6 | 30 | 405125 |
| 20.0 | | | 230 | 19,5 | 24 | 405127 |
| Channels | | | | | | |
| 0.1 | 500 | 130 | 130 | 7,7 | 12 | 405122 |
| 5.1 | | | 155 | 8,0 | 12 | 405124 |
| 10.1 | | | 180 | 8,2 | 12 | 405126 |
| 20.1 | | | 230 | 10,5 | 12 | 405128 |



¹⁾ Exception: cross drainage on heavily loaded roads / rein of railway crossings. For these applications, we recommend ACO Drain Monoblock® RD100 and 300th.

Channel body with sloping invert, 1000 mm
Specific product information

- According to EN 1433
- Sloping channels with sloping invert of 0.5%
- Grids anchoring screw lock
- Clear width 100 mm


Order information

| Type | Length [mm] | Dimensions | | Weight [kg] | PU | Item number |
|------------------|-------------|------------|--------------------------|-------------|----|-------------|
| | | Width [mm] | Height Start/Finish [mm] | | | |
| 1 | 1000 | 130 | 130/135 | 13,8 | 30 | 405101 |
| 2 | | | 135/140 | 14,1 | 30 | 405102 |
| 3 | | | 140/145 | 14,5 | 30 | 405103 |
| 4 | | | 145/150 | 14,9 | 30 | 405104 |
| 5 ¹⁾ | | | 150/155 | 15,8 | 30 | 405105 |
| 6 | 1000 | 130 | 155/160 | 15,6 | 30 | 405106 |
| 7 | | | 160/165 | 16 | 30 | 405107 |
| 8 | | | 165/170 | 16,4 | 30 | 405108 |
| 9 | | | 170/175 | 16,8 | 30 | 405109 |
| 10 ¹⁾ | | | 175/180 | 17,2 | 30 | 405110 |
| 11 | 1000 | 130 | 180/185 | 17,5 | 24 | 405111 |
| 12 | | | 185/190 | 17,9 | 24 | 405112 |
| 13 | | | 190/195 | 18,3 | 24 | 405113 |
| 14 | | | 195/200 | 18,6 | 24 | 405114 |
| 15 ¹⁾ | | | 200/205 | 19 | 24 | 405115 |
| 16 | | | 205/210 | 19,4 | 24 | 405116 |
| 17 | | | 210/215 | 19,8 | 24 | 405117 |
| 18 | | | 215/220 | 20,2 | 24 | 405118 |
| 19 | | | 220/225 | 20,6 | 24 | 405119 |
| 20 ¹⁾ | | | 225/230 | 21 | 24 | 405120 |

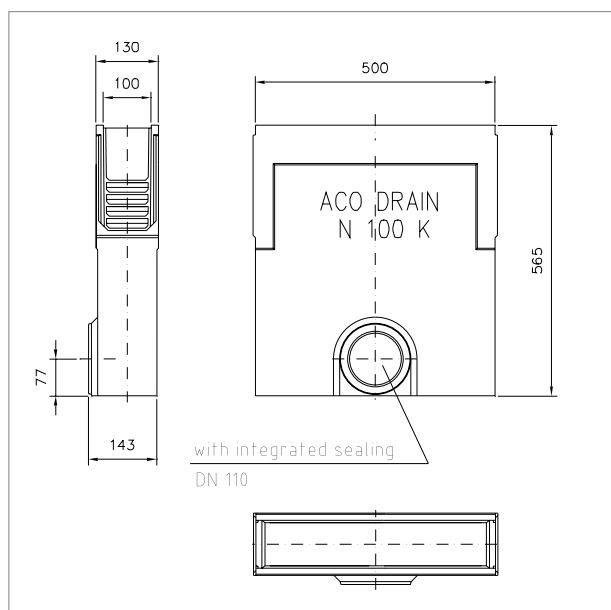
Sump unit, 500 mm

Specific product information

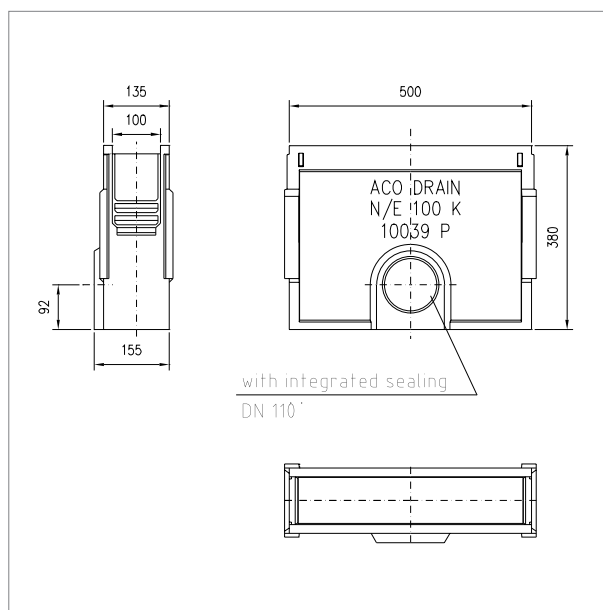
- According to EN 1433
- The possibility of a short version (kf) for type 0-10 or long version (lf) type 0-20 with integrated seal for watertight connection to the base line including sludge basket
- Bar-less locking device used to anchor gratings



Order information







Sump unit N 100 (LF) – 0,5, with outlet DN 110



Sump unit N100 (KF) – 0,5m, with outlet DN 110

| Length [mm] | Dimensions | | Outlet diameter | Weight [kg] | PU | Item number |
|---|------------|--------------------------|-----------------|-------------|----|---------------|
| | Width [mm] | Height Start/Finish [mm] | | | | |
| Long version (LF) with integrated sealing | | | | | | |
| 500 | 130 | 355 | 110 | 21,9 | 10 | 406807 |
| Short version (KF) with integrated sealing | | | | | | |
| 500 | 135 | 565 | 110 | 24,4 | 10 | 405129 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|--------------|-------------|-----|---------------|
|  | Universal end cap ■ Closing inlet/outlet ■ Made from polymere concrete ■ Width of 20 mm | 0. - 20. | 1,3 | 140 | 405222 |
|  | End cap with outlet ■ Made from polymere concrete ■ Width of 20 mm | 0. | 0,6 | 36 | 405223 |
| | | 5. | 0,7 | 36 | 405224 |
| | | 10. | 0,9 | 36 | 405225 |
| | | 20. | 1,1 | 36 | 405226 |
|  | Grating hook ■ For removing cover gratings ■ Galvanised steel | | 0,3 | 1 | 01290 |
|  | Grating hook for revision opening ■ 2 grating hooks are needed to lift off the revision opening ■ Galvanised steel | | 0,5 | 40 | 16364 |



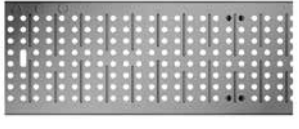

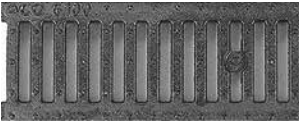
Load class A 15, B 125 and C 250

Product information

Specific product information

- Gratings made according to EN 1433
- Bar-less locking device used to anchor gratings

Order information

| | Material | Dimensions | | Slot width [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|---|---|------------|-----------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Load class A 15 | | | | | | | | |
| Slotted grating | | | | | | | | |
|  | Galvanised steel | 1000 | 130 | 10 | 280 | 2,2 | 200 | 06303 |
| | | 500 | 130 | 10 | 280 | 1,1 | 400 | 06304 |
| | Locking for grating 06303 and 06304 (2 pcs / 1 m) | | | | | | 0,1 | 50 |
|  | Stainless steel | 1000 | 130 | 10 | 280 | 2,2 | 200 | 06318 |
| | | 500 | 130 | 10 | 280 | 1,1 | 400 | 06319 |
| | Locking for grating 06318 and 06319 (2 pcs / 1 m) | | | | | | 0,1 | 50 |
| Perforated grating | | | | | | | | |
|  | Stainless steel | 1000 | 130 | 8 | 178 | 3,3 | 200 | 403759 |
| | | 500 | 130 | 8 | 178 | 1,6 | 400 | 403761 |
| | Locking for grating 403759 a 403761 (2 pcs / 1 m) | | | | | | 0,1 | 50 |
| Load class B 125 | | | | | | | | |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 1000 | 127 | 30 × 20 | 687 | 3,2 | 200 | 06305 |
| | | 500 | 127 | 30 × 20 | 687 | 1,7 | 400 | 06306 |
| | Locking for grating 06305 a 06306 (2 pcs / 1 m) | | | | | | 0,1 | 50 |
| Load class C 250 | | | | | | | | |
| Slotted grating | | | | | | | | |
|  | Cast iron | 500 | 127 | 12 | 493 | 2,9 | 200 | 06314 |
| | | Locking for grating 06314 (2 pcs / 1 m) | | | | | | 0,1 |

Slot

Product information

Specific product information

- according to EN 1433
 - with a lateral slot location
 - including guiding elements
 - reinforced upper edge
- slot height 105 mm

Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Load class B 125 | | | | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 130 | 10 | 100 | 5,6 | 60 | 406921 |
| | | 500 | 130 | 10 | 100 | 2,9 | 100 | 406922 |
| | Stainless steel | 1000 | 130 | 10 | 100 | 5,6 | 60 | 406924 |
| | | 500 | 130 | 10 | 100 | 2,9 | 100 | 406925 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 130 | 10 | 100 | 5,2 | 80 | 406923 |
| | Stainless steel | 500 | 130 | 10 | 100 | 5,2 | 80 | 406926 |
| Load class B 125 | | | | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 130 | 10 | 100 | 7,67 | 60 | 406927 |
| | | 500 | 130 | 10 | 100 | 3,80 | 100 | 406928 |
| | Stainless steel | 1000 | 130 | 10 | 100 | 7,50 | 60 | 406930 |
| | | 500 | 130 | 10 | 100 | 3,80 | 100 | 406931 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 130 | 10 | 100 | 6,7 | 80 | 406929 |
| | Stainless steel | 500 | 130 | 10 | 100 | 6,7 | 80 | 406932 |

5 ACO Civicline

| | | |
|-------------------------|--------------------------|-----------|
| Civicline CL | Introduction | 34 |
| Civicline CL 100 | Channels and accessories | 36 |
| Civicline CL 150 | Channels and accessories | 38 |

ACO Civiline system overview

Product information

ACO product benefits

- Provides an efficient drainage solution for light to medium duty traffic applications
- Strong and robust channel design
- Innovative galvanised steel edge rail for improved strength and bonding
- Channel design improves flow velocity, promotes self cleansing
- CE marked and EN 1433: 2002 certified
- Unique ACO Drainlock grating fixing improves hydraulic capacity
- Extensive choice of Drainlock gratings
- Lightweight design is simple and fast to install
- 100% recyclable

Typical applications

- Commercial developments
- Light industrial units
- Public landscaping
- Car parking
- Residential developments

ACO Civiline is a channel drainage system for light to medium duty traffic applications up to load class C 250 according to EN 1433.

ACO Civiline is manufactured from polymerconcrete high strength material and available in two widths - 100 mm and 150 mm.

The system is CE marked and fully certified to EN 1433: 2002.

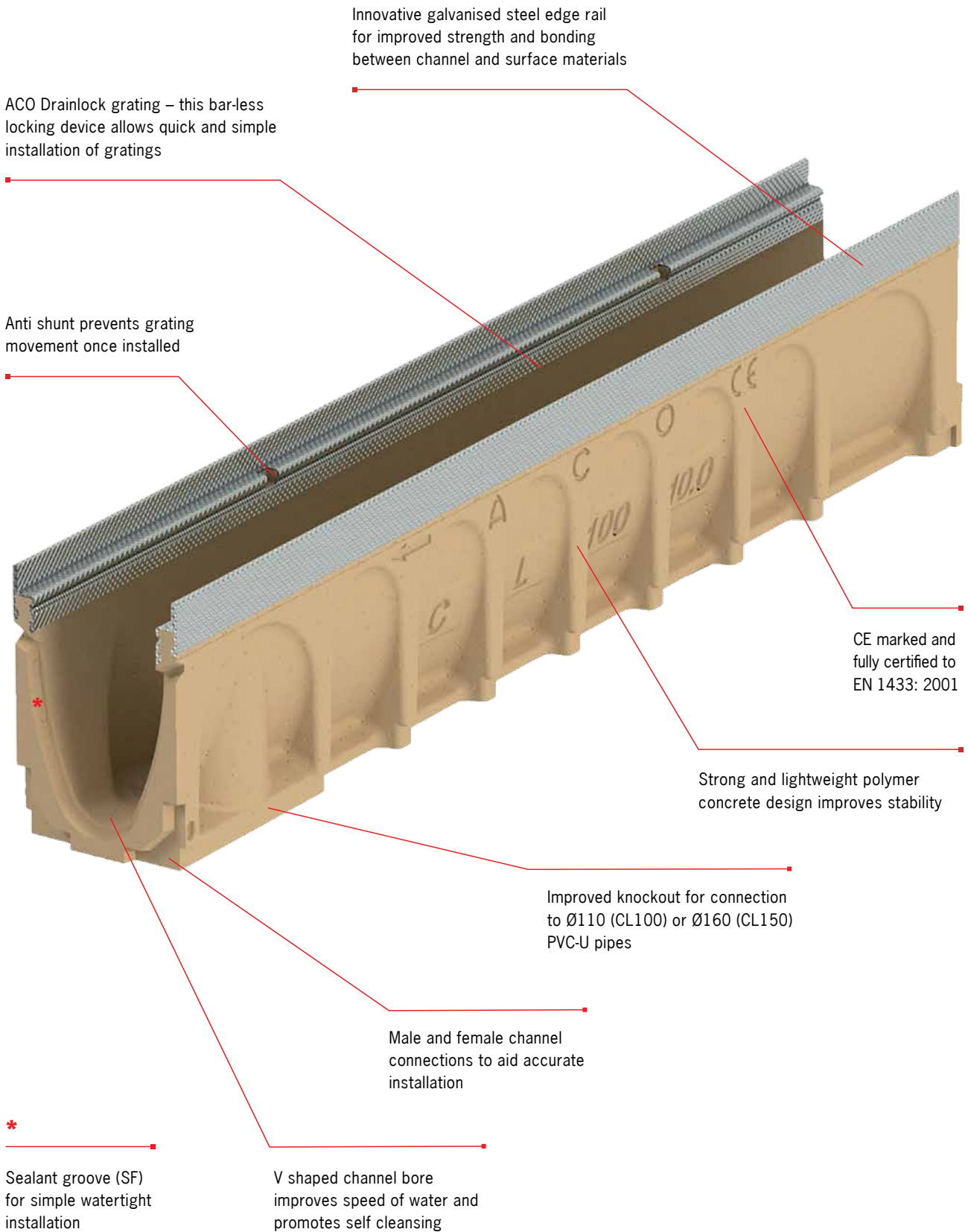
ACO Civiline range layout

To support a wide variety of catchment depths, hydraulic capacities and applications, the system is available in two channel widths, 100 mm and 150 mm and has a choice of constant depths and

shallow depth channels. The layout below illustrates the channels available within the ACO Civiline CL range.



ACO Civiline features overview



5

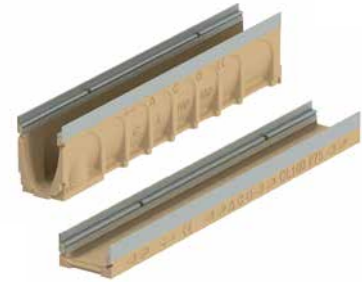
Line drainage system Civiline CL 100

Product information

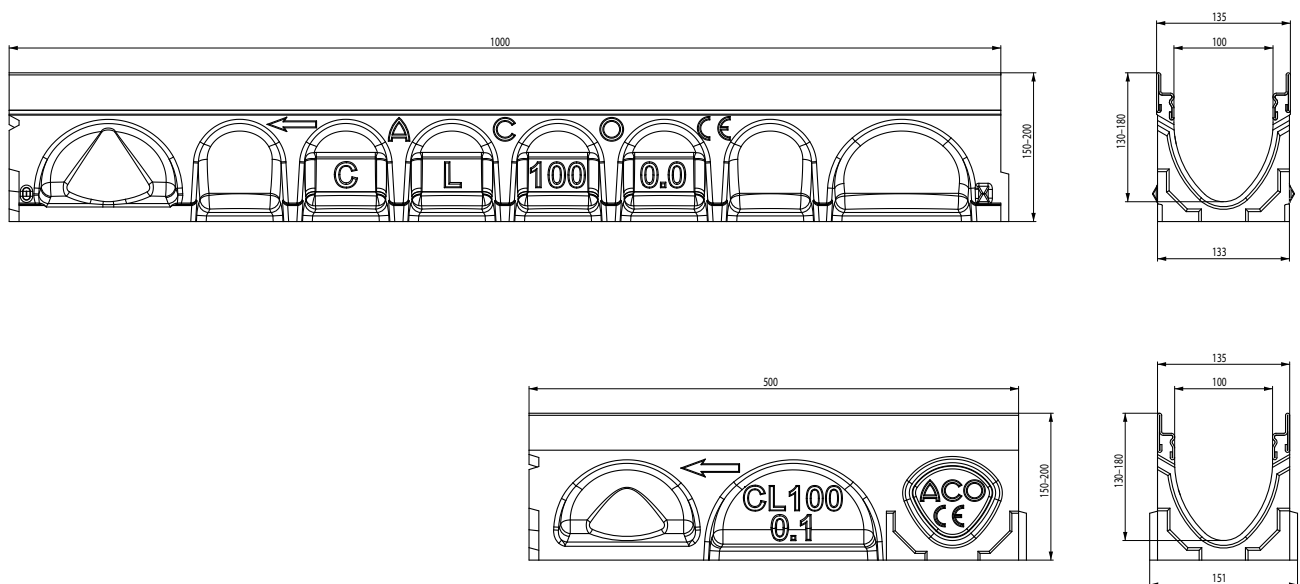
ACO product benefits

- ACO DRAIN sealant groove (SF)
- V cross section
- Drainlock boltless locking
- Made from polymerconcrete
- Innovative strengthened steel rail

- According to EN 1433
- Clear width 100 mm
- Load class A15 - C250
- Field of application: vehicular and pedestrian areas



Constant depth drainage channels with steel galvanised edge rails



Order information

| Type | Length [mm] | Dimensions | | Invert depth | Weight [kg] | Item number |
|-----------------------|-------------|------------|-------------|--------------|-------------|-------------|
| | | Width [mm] | Height [mm] | | | |
| 0.0 ¹⁾ | 1000 | 135 | 150 | 130 | 13,2 | 413210 |
| 0.1 ^{1) 2)} | 500 | 135 | 150 | 130 | 7,6 | 413211 |
| 10.0 ¹⁾ | 1000 | 135 | 200 | 180 | 16,2 | 413214 |
| 10.1 ^{1) 2)} | 500 | 135 | 200 | 180 | 9,2 | 413215 |

Shallow depth drainage channels with steel galvanised edge rails**Order information**

| Type | Length [mm] | Dimensions | | Invert depth | Weight [kg] | Item number |
|--------------------|-------------|------------|-------------|--------------|-------------|-------------|
| | | Width [mm] | Height [mm] | | | |
| 075 | 1000 | 135 | 75 | 55 | 9,2 | 413212 |
| 075V ³⁾ | 1000 | 135 | 75 | 55 | 8,85 | 413213 |

Multifunctional plastic endcap in grey colour (closing/outlet Ø110 mm)**Order information**

| Type | Length [mm] | Dimensions | | Spigot length | Weight [kg] | Item number |
|------|-------------|------------|-------------|---------------|-------------|-------------|
| | | Width [mm] | Height [mm] | | | |
| | | 135 | 75-300 | 50 | 0,16 | 23404 |

Sump units, relevant end caps and step connector from Multiline V 100 S are applicable for Civiline CL 100 system except shallow channels.

Line drainage system Civiline CL 150

Product information

ACO product benefits

- ACO DRAIN sealant groove (SF)
- V cross section
- Drainlock boltless locking
- Made from polymerconcrete
- Innovative strengthened steel rail

- According to EN 1433
- Clear width 150 mm
- Load class A15 - C250
- Field of application: vehicular and pedestrian areas



Constant depth drainage channels with steel galvanised edge rails

Order information

| Type | Length [mm] | Dimensions | | Invert depth | Weight [kg] | Item number |
|---------------------|-------------|------------|-------------|--------------|-------------|-------------|
| | | Width [mm] | Height [mm] | | | |
| 0.0 ¹⁾ | 1000 | 185 | 210 | 185 | 21,6 | 413216 |
| 0.1 ¹⁾²⁾ | 500 | 185 | 210 | 185 | 12,7 | 413217 |

Shallow depth drainage channels with steel galvanised edge rails

Order information

| Type | Length [mm] | Dimensions | | Invert depth | Weight [kg] | Item number |
|---------------------|-------------|------------|-------------|--------------|-------------|-------------|
| | | Width [mm] | Height [mm] | | | |
| 0100 | 1000 | 185 | 100 | 75 | 15,0 | 413218 |
| 0100V ⁴⁾ | 1000 | 185 | 100 | 75 | 14,2 | 413219 |

Multifunctional plastic endcap in grey colour (closing/outlet Ø160 mm)

Order information

| Type | Length [mm] | Dimensions | | Spigot length | Weight [kg] | Item number |
|------|-------------|------------|-------------|---------------|-------------|-------------|
| | | Width [mm] | Height [mm] | | | |
| | | 185 | 100 to 3100 | 75 | 0,3 | 23159 |

Sump units and relevant end caps from Multiline V 150 S are applicable for Civiline CL 150 system except shallow channels.

¹⁾ Indicates channels supplied with a preformed Ø 160 mm knockout for vertical outlet.
²⁾ Indicates side knockout for 90° channel connection. Knockout on both sides of the channel.
⁴⁾ Indicates channels with cast in TPE triple lipped seals for water tight connection Ø110.

6 ACO Multiline

| | | |
|------------------------------------|--|-----------|
| Multiline V 100 (NW 100 mm) | Channel bodies, sump units and accessories | 40 |
| | Gratings for channel bodies and sump units | 45 |
| Multiline V 150 (NW 150 mm) | Channel bodies, sump units and accessories | 54 |
| | Gratings for channel bodies and sump units | 59 |
| Multiline V 200 (NW 200 mm) | Channel bodies, sump units and accessories | 65 |
| | Gratings for channel bodies and sump units | 70 |
| Multiline V 300 (NW 300 mm) | Channel bodies, sump units and accessories | 77 |
| | Gratings for channel bodies and sump units | 82 |

Design: Galvanised edge protection, stainless steel, cast iron
Product information
ACO product benefits

- With ACO DRAIN® safety seam (SF)
- With V-profile
- With Drainlock screwless stop
- Channel body made of polymer concrete

- Channel system in accordance with EN 1433/DIN 19580
- Nominal width 100 mm
- Load classes A 15 – E 600 ¹⁾
- Optionally available with galvanised steel, stainless steel or EN-GJS cast iron edge protection



Design: Galvanised steel



Design: Stainless steel



Design: Cast iron

Channel body without sloping invert, 1000 mm
Specific product information

- Optionally available with or without vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR
- Channel body combination options (example): 0.0 - 0.0.2 - 0.1 - 0.2

Order information

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|---|------------|-------------|--------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 135 | 150 | 0.0 | 24 | 16.8 | 12330 | 16.8 | 12430 | 17.4 | 12530 |
| | | 175 | 5.0 | 24 | 18.9 | 12340 | 18.9 | 12440 | 19.5 | 12540 |
| | | 200 | 10.0 | 24 | 21.0 | 12350 | 21.1 | 12450 | 21.6 | 12550 |
| | | 225 | 15.0 | 12 | 22.9 | 12360 | 22.9 | 12460 | 23.5 | 12560 |
| | | 250 | 20.0 | 12 | 24.9 | 12370 | 24.9 | 12470 | 25.5 | 12570 |
| With LLS pipe connection DN/OD 110 | | | | | | | | | | |
| 1000 | 135 | 160 | 0.0.2 | 12 | 18.1 | 12334 | 19.0 | 12434 | 19.5 | 12531 |
| | | 185 | 5.0.2 | 12 | 21.4 | 12344 | 21.4 | 12444 | 22.0 | 12541 |
| | | 210 | 10.0.2 | 12 | 23.3 | 12354 | 23.3 | 12454 | 23.9 | 12551 |
| | | 235 | 15.0.2 | 6 | 25.2 | 12364 | 25.2 | 12464 | 25.8 | 12561 |
| | | 260 | 20.0.2 | 6 | 26.7 | 12374 | 26.7 | 12474 | 27.3 | 12571 |

Design: Galvanised edge protection, stainless steel, cast iron

Channel body without sloping invert, 500 mm

Specific product information

- Optionally available with pre-formed knock-out or vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR
- With side pre-mouldings for corner, "T" and cross connections



Order information

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|--|------------|-------------|------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| With DN/OD 110 pre-formed knock-out | | | | | | | | | | |
| 500 | 135 | 150 | 0.1 | 12 | 9.5 | 12332 | 9.6 | 12432 | 9.8 | 12532 |
| | | 175 | 5.1 | 12 | 10.6 | 12342 | 10.8 | 12442 | 11.0 | 12542 |
| | | 200 | 10.1 | 12 | 11.7 | 12352 | 11.8 | 12452 | 12.0 | 12552 |
| | | 225 | 15.1 | 12 | 12.9 | 12362 | 13.0 | 12462 | 13.2 | 12562 |
| | | 250 | 20.1 | 12 | 14.0 | 12372 | 14.1 | 12472 | 14.3 | 12572 |
| With LLS pipe connection DN/OD 110 | | | | | | | | | | |
| 500 | 135 | 160 | 0.2 | 12 | 10.5 | 12333 | 10.6 | 12433 | 10.8 | 12533 |
| | | 185 | 5.2 | 12 | 11.8 | 12343 | 12.0 | 12443 | 12.2 | 12543 |
| | | 210 | 10.2 | 12 | 13.2 | 12353 | 13.3 | 12453 | 13.5 | 12553 |
| | | 235 | 15.2 | 12 | 14.2 | 12363 | 14.4 | 12463 | 14.6 | 12563 |
| | | 260 | 20.2 | 12 | 15.3 | 12373 | 15.5 | 12473 | 15.7 | 12573 |

Channel body with sloping invert, 1000 mm



Order information

Common technical data

- Sloping invert: 0.5 %

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|-------------|------------|--------------------------|------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height Start/Finish [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 135 | 150/ 155 | 1 | 12 | 16.8 | 12301 | 16.9 | 12401 | 17.4 | 12501 |
| | | 155/ 160 | 2 | 12 | 17.4 | 12302 | 17.5 | 12402 | 18.0 | 12502 |
| | | 160/ 165 | 3 | 12 | 17.9 | 12303 | 17.9 | 12403 | 18.5 | 12503 |
| | | 165/ 170 | 4 | 12 | 18.1 | 12304 | 18.1 | 12404 | 18.7 | 12504 |
| | | 170/ 175 | 5 | 12 | 18.6 | 12305 | 18.6 | 12405 | 19.2 | 12505 |
| | | 175/ 180 | 6 | 12 | 19.1 | 12306 | 19.1 | 12406 | 19.7 | 12506 |
| | | 180/ 185 | 7 | 12 | 19.4 | 12307 | 19.5 | 12407 | 20.0 | 12507 |
| | | 185/ 190 | 8 | 12 | 19.9 | 12308 | 19.9 | 12408 | 20.5 | 12508 |
| | | 190/ 195 | 9 | 12 | 20.4 | 12309 | 20.5 | 12409 | 21.0 | 12509 |
| | | 195/ 200 | 10 | 12 | 20.8 | 12310 | 20.8 | 12410 | 21.4 | 12510 |

Sump units, 500 mm

Specific product information

- With NBR lip labyrinth seal (LLS) for horizontal, liquid-tight pipe connection
- With connection cut-out template up to building height 10./20.
- With plastic (PP) sludge bucket
- Design: Short form (KF) for building height 0 – 10 or long form (LF) for building height 0 – 20



Order information

| Dimensions | | | Pipe connection DN/OD [mm] | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|---|------------|-------------|----------------------------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| Short form, with LLS pipe connection | | | | | | | | | | |
| 500 | 135 | 450 | 110 | 10 | 26.9 | 12391 | 26.9 | 12491 | 26.9 | 12591 |
| | | | 160 | 10 | 26.3 | 12398 | 26.3 | 12498 | 26.3 | 12598 |
| Long form, with LLS pipe connection | | | | | | | | | | |
| 500 | 135 | 600 | 110 | 10 | 35.5 | 12392 | 35.5 | 12492 | 35.5 | 12592 |
| | | | 160 | 10 | 34.7 | 12399 | 34.9 | 12499 | 34.7 | 12599 |

Shallow channels without sloping invert, 1000 mm

Specific product information


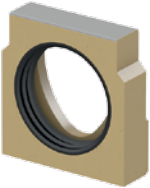
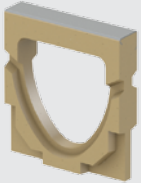
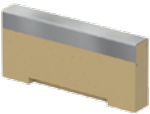


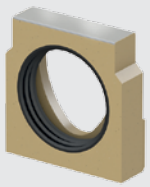

- Optionally available with or without vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR
- Suitable building height combinations (using galvanised steel as an example) are:
 - 12327 and 12328 (BH 60)
 - 12323 and 12324 (BH 80)
 - 12321 and 12322 (BH 100)



Order information

| Length [mm] | Dimensions | | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|---|------------|--------------------------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| | Width [mm] | Height Start/Finish [mm] | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 135 | 60 | 48 | 9.5 | 12327 | 9.5 | 12427 | – | – |
| | | 80 | 30 | 11.9 | 12323 | 11.9 | 12423 | 12.4 | 12523 |
| | | 100 | 30 | 13.8 | 12321 | 13.8 | 12421 | 14.3 | 12521 |
| With LLS pipe connection DN/OD 110 | | | | | | | | | |
| 1000 | 135 | 60/90 | 30 | 10.8 | 12328 | 10.8 | 12428 | – | – |
| | | 80/90 | 10 | 14.6 | 12324 | 14.6 | 12424 | 15.1 | 12524 |
| | | 100/110 | 10 | 16.1 | 12322 | 16.1 | 12422 | 16.6 | 12522 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|---|---------------------------------|-----------------------|--|
| For design: Galvanised steel | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel beginning and end ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length 20 mm | ■ V 100 S 0. – 20. | 1.6 | 15 | 12385 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 110 for horizontal, liquid-tight pipe connection ■ With galvanised steel edge protection ■ Length 30 mm | ■ V 100 S 0. ■ V 100 S 5. ■ V 100 S 10. ■ V 100 S 15. ■ V 100 S 20. | 1.4 1.5 1.7 2.0 2.3 | 6 6 6 6 6 | 12386 12387 12388 12389 12390 |
|  | Adapter to change flow direction <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length: 30 mm | ■ V 100 S 0. ■ V 100 S 5. ■ V 100 S 10. ■ V 100 S 15. ■ V 100 S 20. | 0.7 0.8 0.8 0.9 1.2 | 6 6 6 6 6 | 12393 12394 12395 12396 12397 |
|  | Universal closing end cap (shallow channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length 20 mm | ■ Multiline shallow channel □ 60 mm □ 80 mm □ 100 mm | 0.5 0.6 0.7 | 20 20 20 | 12375 12381 12380 |
|  | End cap with socket for channel end (shallow channel) <ul style="list-style-type: none"> ■ Galvanised steel ■ Length 4 mm | ■ Multiline flat channel □ 60 mm, DN/OD 50 □ 80 mm, DN/OD 50 □ 100 mm, DN/OD 75. | 0.2 0.3 0.3 | 50 1 50 | 12376 12384 12383 |
| For design: Stainless steel | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel beginning and end ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length 20 mm | ■ V 100 E 0. – 20. | 1.6 | 15 | 12485 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 110 for horizontal, liquid-tight pipe connection ■ With stainless steel edge protection ■ Length 30 mm | ■ V 100 E 0. ■ V 100 E 5. ■ V 100 E 10. ■ V 100 E 15. ■ V 100 E 20. | 1.4 1.5 1.7 2.0 2.3 | 6 6 6 6 6 | 12486 12487 12488 12489 12490 |
|  | Adapter to change direction of flow <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length: 30 mm | ■ V 100 E 0. ■ V 100 E 5. ■ V 100 E 10. ■ V 100 E 15. ■ V 100 E 20. | 0.7 0.8 0.8 0.9 1.1 | 6 6 6 6 6 | 12493 12494 12495 12496 12497 |


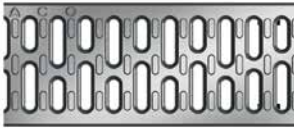


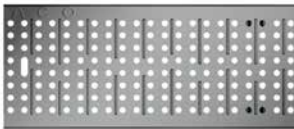

| | Description | Suitable for | Weight [kg] | PU | Item number |
|--------------------------------------|--|-----------------------------------|-------------|----|--------------|
| | Universal closing end cap (flat channel) ■ For channel start and end ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length 20 mm | ■ Multiline flat channel | 0.5 | 20 | 12475 |
| | | □ 60 mm | 0.6 | 20 | 12481 |
| | | □ 80 mm | 0.7 | 20 | 12480 |
| | Channel end cap with socket (flat channel) ■ Made of stainless steel ■ Length 6/4 mm | ■ Multiline flat channel | 0.2 | 10 | 12476 |
| | | □ 60 mm, DN/OD 50 | 0.3 | 10 | 12484 |
| | | □ 80 mm, DN/OD 50 | 0.3 | 36 | 12483 |
| | | □ 100 mm, DN/OD 75 | | | |
| For design: Cast iron | | | | | |
| | Universal closing end cap (flat channel) ■ For channel start and end ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length 20 mm | ■ Multiline flat channel | 0.6 | 20 | 12581 |
| | | □ 80 mm | 0.7 | 20 | 12580 |
| | | □ 100 mm | | | |
| Accessories for all materials | | | | | |
| | Adapters ■ For equalising height differences when installing on step slopes ■ Made of polymer concrete | ■ Level difference: 25 mm | 0.1 | 10 | 12600 |
| | | ■ Level difference: 50 mm | 0.4 | 10 | 12601 |
| | Grating hook ■ For removing cover gratings ■ Galvanised steel | ■ Cover gratings | 0,3 | 1 | 01290 |
| | | | | | |
| | Grating hook for revision opening ■ 2 grating hooks are needed to lift off the revision opening ■ Galvanised steel | ■ Brickslot with revision opening | 0,5 | 40 | 16364 |
| | | | | | |

Load class A 15

Product information

- Gratings according to EN 1433/DIN 19580
- With Drainlock screwless locking

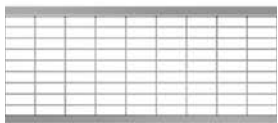
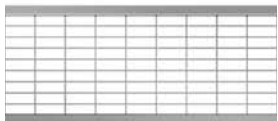




Order information





| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 10 | 312 | 1.9 | 200 | 12610 |
| | | 500 | 123 | 10 | 312 | 0.9 | 200 | 12611 |
|  | Stainless steel | 1000 | 123 | 10 | 312 | 2.0 | 200 | 12640 |
| | | 500 | 123 | 10 | 312 | 1.1 | 200 | 12641 |
| Longitudinal grating | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 11 | 920 | 3.2 | 200 | 12602 |
| | | 500 | 123 | 11 | 920 | 1.8 | 200 | 12603 |
|  | Stainless steel | 1000 | 123 | 11 | 920 | 3.2 | 200 | 12604 |
| | | 500 | 123 | 11 | 920 | 1.5 | 200 | 12605 |
| Perforated grating | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 6 | 178 | 2.9 | 200 | 12666 |
| | | 500 | 123 | 6 | 178 | 1.4 | 200 | 12667 |
|  | Stainless steel | 1000 | 123 | 6 | 178 | 2.9 | 100 | 12664 |
| | | 500 | 123 | 6 | 178 | 1.4 | 100 | 12665 |

Load class B 125
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information



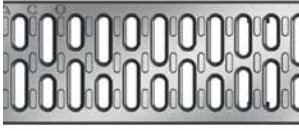
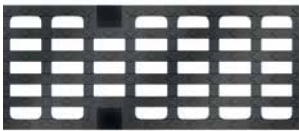

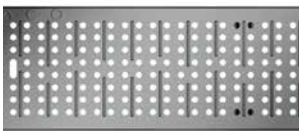

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|-------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Q+ mesh grating | | | | | | | | |
|  | Stainless steel | 1000 | 123 | 30 × 10 | 845 | 3,2 | 100 | 132559 |
| | | 500 | 123 | 30 × 10 | 845 | 1,6 | 100 | 132542 |
|  | Steel, galvanised | 1000 | 123 | 30 × 10 | 845 | 3,2 | 100 | 132560 |
| | | 500 | 123 | 30 × 10 | 845 | 1,6 | 100 | 132561 |
| Linear triangle bar grating (Heelsafe) | | | | | | | | |
|  | Stainless steel | 1000 | 123 | 6 | 465 | 3,6 | 100 | 132557 |
| | | 500 | 123 | 6 | 465 | 1,8 | 100 | 132552 |
| Linear u-profile grating | | | | | | | | |
|  | Stainless steel | 1000 | 123 | 8 | 430 | 3,9 | 100 | 132556 |
| | | 500 | 123 | 8 | 430 | 1,9 | 100 | 132551 |
|  | Steel, galvanised | 1000 | 123 | 8 | 430 | 3,9 | 100 | 132555 |
| | | 500 | 123 | 8 | 430 | 1,9 | 100 | 132550 |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 123 | 12 | 371 | 2.3 | 200 | 12676 |


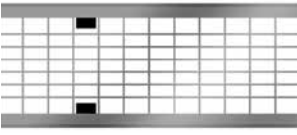
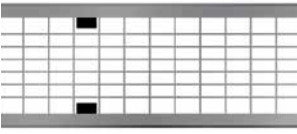
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|--|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Ladder grating | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 10 | 676 | 6.5 | 200 | 12606 |
| | | 500 | 123 | 10 | 676 | 3.3 | 200 | 12607 |
|  | Stainless steel | 1000 | 123 | 10 | 676 | 6.5 | 200 | 12608 |
| | | 500 | 123 | 10 | 676 | 3.3 | 200 | 12609 |
| Composite grating (black) | | | | | | | | |
|  | Plastic | 500 | 123 | 8 | 284 | 0.8 | 204 | 12684 |
| Composite grating (silver grey) | | | | | | | | |
|  | Plastic | 500 | 123 | 8 | 284 | 0.8 | 204 | 132267 |

Load class C 250
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information



| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 123 | 12 | 371 | 3.2 | 200 | 12670 |
|  | Galvanised steel | 1000 | 123 | 10 | 312 | 4.3 | 200 | 12614 |
| | | 500 | 123 | 10 | 312 | 2.2 | 200 | 12615 |
|  | Stainless steel | 1000 | 123 | 10 | 312 | 2.6 | 200 | 12644 |
| | | 500 | 123 | 10 | 312 | 1.5 | 200 | 12645 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 123 | 31 × 12 | 433 | 3.5 | 200 | 12673 |
| Heelguard Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 123 | 5 | 191 | 3.8 | 200 | 12675 |
| Perforated grating | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 6 | 178 | 4.8 | 200 | 12656 |
| | | 500 | 123 | 6 | 178 | 2.3 | 100 | 12657 |
|  | Stainless steel | 1000 | 123 | 6 | 178 | 4.8 | 100 | 12654 |
| | | 500 | 123 | 6 | 178 | 2.3 | 50 | 12655 |

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Composite grating (black) | | | | | | | | |
|  | Plastic | 500 | 123 | 8 | 284 | 0.9 | 204 | 12680 |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 23 × 11 | 880 | 3.5 | 200 | 12618 |
| | | 500 | 123 | 23 × 11 | 880 | 2.2 | 100 | 12619 |
|  | Stainless steel | 1000 | 123 | 23 × 11 | 880 | 4.6 | 100 | 12648 |
| | | 500 | 123 | 23 × 11 | 880 | 2.0 | 100 | 12649 |

Load class C 250 (Brickslot)
Product information

- Brickslot based on EN 1433/DIN 19580 requirements
- With lateral slot
- With guide straps
- With reinforced top edge
- Slot height: 105 mm



Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|-------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 10 | 100 | 6.4 | 80 | 23460 |
| | | 500 | 123 | 10 | 100 | 3.3 | 100 | 23461 |
| | | 1000 | 123 | 12.5 | 125 | 4.7 | 80 | 49952 |
| | | 500 | 123 | 12.5 | 125 | 2.4 | 100 | 49953 |
| | Stainless steel | 1000 | 123 | 10 | 100 | 6.4 | 80 | 23470 |
| | | 500 | 123 | 10 | 100 | 3.3 | 100 | 23471 |
| | | 1000 | 123 | 12.5 | 125 | 4.7 | 80 | 49958 |
| | | 500 | 123 | 12.5 | 125 | 2.4 | 100 | 49959 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 123 | 10 | 100 | 6.4 | 80 | 23462 |
| | | 500 | 123 | 12.5 | 125 | 4.5 | 80 | 49954 |
| | Stainless steel | 500 | 123 | 10 | 100 | 6.4 | 80 | 23472 |
| | | 500 | 123 | 12.5 | 125 | 4.5 | 80 | 49960 |

Load class C 250 (Brickslot)
Product information

- Brickslot based on EN 1433/DIN 19580 requirements
- With lateral slot
- With guide straps
- With reinforced top edge
- Slot height: 150 mm

Order information


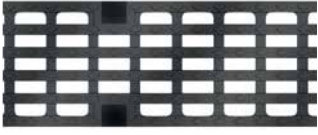
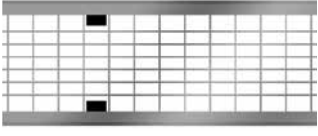
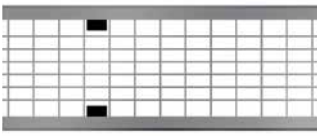
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|-------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 10 | 100 | 8 | 50 | 407045 |
| | | 500 | 123 | 10 | 100 | 4 | 100 | 407046 |
| | Stainless steel | 1000 | 123 | 10 | 100 | 8 | 50 | 407048 |
| | | 500 | 123 | 10 | 100 | 4 | 100 | 407049 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 123 | 10 | 100 | 8.3 | 60 | 407047 |
| | Stainless steel | 500 | 123 | 10 | 100 | 8.3 | 60 | 407050 |

Load class D 400

Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop



Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 123 | 12 | 371 | 4.1 | 200 | 12671 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 123 | 28 × 12 | 433 | 4.5 | 200 | 12674 |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 22 × 11 | 880 | 5.6 | 100 | 12620 |
| | | 500 | 123 | 22 × 11 | 880 | 2.3 | 100 | 12621 |
|  | Stainless steel | 1000 | 123 | 22 × 11 | 880 | 6.8 | 100 | 12650 |
| | | 500 | 123 | 22 × 11 | 880 | 3.2 | 100 | 12651 |

Load class D 400 (Brickslot)
Product information

- Brickslot based on EN 1433/DIN 19580 requirements
- With lateral slot
- With guide straps
- With reinforced top edge
- Slot height: 105 mm

Order information



| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 10 | 100 | 6.4 | 80 | 23465 |
| | | 500 | 123 | 10 | 100 | 3.3 | 100 | 23466 |
| | Stainless steel | 1000 | 123 | 10 | 100 | 6.4 | 80 | 23475 |
| | | 500 | 123 | 10 | 100 | 3.3 | 100 | 23476 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 123 | 10 | 100 | 6.4 | 80 | 23467 |
| | Stainless steel | 500 | 123 | 10 | 100 | 6.4 | 80 | 23477 |

Load class D 400 (Brickslot)

Product information

- Brickslot based on EN 1433/DIN 19580 requirements
- With centre slot
- With guide straps
- With reinforced top edge
- Slot height: 150 mm

Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 123 | 10 | 100 | 8 | 60 | 407051 |
| | | 500 | 123 | 10 | 100 | 4 | 100 | 407052 |
| | Stainless steel | 1000 | 123 | 10 | 100 | 8 | 60 | 407054 |
| | | 500 | 123 | 10 | 100 | 4 | 100 | 407055 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 123 | 10 | 100 | 8.3 | 60 | 407053 |
| | Stainless steel | 500 | 123 | 10 | 100 | 8.3 | 60 | 407056 |

6

Design: Galvanised edge protection, stainless steel, cast iron
Product information
ACO product benefits

- With ACO DRAIN® safety seam (SF)
- With V-profile
- With Drainlock screwless stop
- Channel body made of polymer concrete

- Channel system in accordance with EN 1433/DIN 19580
- Nominal width 150 mm
- Load classes A 15 – E 600 ¹⁾
- Optionally available with galvanised steel, stainless steel or EN-GJS cast iron edge protection



Design: Galvanised steel



Design: Stainless steel



Design: Cast iron

Channel body without sloping invert, 1000 mm
Specific product information

- Optionally available with or without vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR
- Channel body combination options (example):
 - 0.0 - 0.0.2 - 0.1 - 0.2

Order information

| Dimensions | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | | |
|---|------------|------|--------|------------------|-------------|-----------------|-------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | | | Height [mm] | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 185 | 210 | 0.0 | 16 | 28.6 | 12730 | 28.7 | 12830 | 29.2 | 12930 |
| | | 235 | 5.0 | 16 | 31.3 | 12740 | 31.3 | 12840 | 31.9 | 12940 |
| | | 260 | 10.0 | 16 | 33.8 | 12750 | 33.9 | 12850 | 34.4 | 12950 |
| | | 285 | 15.0 | 8 | 36.1 | 12760 | 36.1 | 12860 | 36.7 | 12960 |
| | | 310 | 20.0 | 8 | 37.8 | 12770 | 37.9 | 12870 | 38.4 | 12970 |
| With LLS pipe connection DN/OD 160 | | | | | | | | | | |
| 1000 | 185 | 220 | 0.0.2 | 8 | 31.5 | 12731 | 31.5 | 12831 | 32.0 | 12931 |
| | | 245 | 5.0.2 | 8 | 34.1 | 12741 | 34.1 | 12841 | 34.6 | 12941 |
| | | 270 | 10.0.2 | 8 | 37.0 | 12751 | 37.0 | 12851 | 37.5 | 12951 |
| | | 295 | 15.0.2 | 4 | 38.9 | 12761 | 38.9 | 12861 | 39.4 | 12961 |
| | | 320 | 20.0.2 | 4 | 41.6 | 12771 | 41.6 | 12871 | 42.1 | 12971 |

Channel body without sloping invert, 500 mm

Specific product information

- Optionally available with pre-formed knock-out or vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR
- With side pre-mouldings for corner, T and cross connections



Order information

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|--|------------|-------------|------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| With DN/OD 160 pre-formed knock-out | | | | | | | | | | |
| 500 | 185 | 210 | 0.1 | 8 | 15.0 | 12732 | 15.1 | 12832 | 15.3 | 12932 |
| | | 235 | 5.1 | 8 | 16.2 | 12742 | 16.3 | 12842 | 16.5 | 12942 |
| | | 260 | 10.1 | 8 | 17.3 | 12752 | 17.5 | 12852 | 17.7 | 12952 |
| | | 285 | 15.1 | 8 | 18.6 | 12762 | 18.7 | 12862 | 18.9 | 12962 |
| | | 310 | 20.1 | 8 | 19.8 | 12772 | 19.6 | 12872 | 20.1 | 12972 |
| With LLS pipe connection DN/OD 160 | | | | | | | | | | |
| 500 | 185 | 220 | 0.2 | 8 | 16.4 | 12733 | 16.6 | 12833 | 16.8 | 12933 |
| | | 245 | 5.2 | 8 | 17.9 | 12743 | 18.0 | 12843 | 18.2 | 12943 |
| | | 270 | 10.2 | 8 | 19.0 | 12753 | 19.1 | 12853 | 19.3 | 12953 |
| | | 295 | 15.2 | 8 | 20.1 | 12763 | 20.3 | 12863 | 20.5 | 12963 |
| | | 320 | 20.2 | 8 | 21.0 | 12773 | 21.1 | 12873 | 21.3 | 12973 |

Channel body with sloping invert, 1000 mm



Order information

Common technical data

- Sloping invert: 0.5 %

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|-------------|------------|--------------------------|------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height Start/Finish [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 185 | 210/ 215 | 1 | 8 | 29.0 | 12701 | 29.1 | 12801 | 29.6 | 12901 |
| | | 215/ 220 | 2 | 8 | 29.4 | 12702 | 29.5 | 12802 | 30.0 | 12902 |
| | | 220/ 225 | 3 | 8 | 29.9 | 12703 | 29.9 | 12803 | 30.5 | 12903 |
| | | 225/ 230 | 4 | 8 | 30.4 | 12704 | 30.4 | 12804 | 31.0 | 12904 |
| | | 230/ 235 | 5 | 8 | 30.8 | 12705 | 30.9 | 12805 | 31.4 | 12905 |
| | | 235/ 240 | 6 | 8 | 31.4 | 12706 | 31.4 | 12806 | 31.6 | 12906 |
| | | 240/ 245 | 7 | 8 | 32.1 | 12707 | 32.1 | 12807 | 32.7 | 12907 |
| | | 245/ 250 | 8 | 8 | 32.4 | 12708 | 32.5 | 12808 | 33.0 | 12908 |
| | | 250/ 255 | 9 | 8 | 32.9 | 12709 | 33.0 | 12809 | 33.9 | 12909 |
| | | 255/ 260 | 10 | 8 | 33.6 | 12710 | 33.7 | 12810 | 34.2 | 12910 |

Sump units, 500 mm

Specific product information

- With NBR lip labyrinth seal (LLS) for horizontal, liquid-tight pipe connection
- With sliceable connection template up to building height 20.
- With plastic (PP) sludge basket



Order information

| Length [mm] | Dimensions | | Pipe connection DN/OD [mm] | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|---------------------------------|------------|-------------|----------------------------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| With LLS pipe connection | | | | | | | | | | |
| 500 | 185 | 610 | 160 | 8 | 35.7 | 12791 | 35.7 | 12891 | 35.7 | 12991 |
| | | | 200 | 8 | 34.9 | 12792 | 34.9 | 12892 | 34.9 | 12992 |

Flat channels without sloping invert, 1000 mm

Specific product information




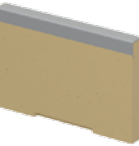
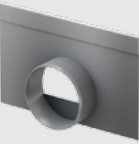



- Optionally available with or without vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR







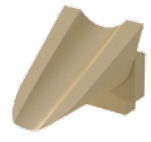




Order information

| Length [mm] | Dimensions | | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|---|------------|--------------------------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| | Width [mm] | Height Start/Finish [mm] | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 185 | 120 | 16 | 19.4 | 12721 | 19.4 | 12821 | 19.4 | 12921 |
| With LLS pipe connection DN/OD 110 | | | | | | | | | |
| 1000 | 185 | 120 | 4 | 18.4 | 12722 | 18.4 | 12822 | 18.4 | 12922 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|---|---|---|--|
| For design: Galvanised steel | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length 20 mm | ■ V 150 S 0. – 20. | 2.9 | 20 | 12785 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 160 for horizontal, liquid-tight pipe connection ■ With galvanised steel edge protection ■ Length 40 mm | <ul style="list-style-type: none"> ■ V 150 S 0. ■ V 150 S 5. ■ V 150 S 10. ■ V 150 S 15. ■ V 150 S 20. | <ul style="list-style-type: none"> 2.2 2.7 2.8 3.1 3.5 | <ul style="list-style-type: none"> 6 6 6 6 6 | <ul style="list-style-type: none"> 12786 12787 12788 12789 12790 |
|  | Adapter to change flow direction <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length: 40 mm | <ul style="list-style-type: none"> ■ V 150 S 0. ■ V 150 S 5. ■ V 150 S 10. ■ V 150 S 15. ■ V 150 S 20. | <ul style="list-style-type: none"> 1.4 1.6 1.7 1.8 1.9 | <ul style="list-style-type: none"> 6 6 6 6 6 | <ul style="list-style-type: none"> 12793 12794 12795 12796 12797 |
|  | Universal closing end cap (flat channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length 20 mm | ■ Multiline flat channels | 1.0 | 20 | 12780 |
|  | End cap with socket for channel end (flat channel) <ul style="list-style-type: none"> ■ Galvanised steel ■ Length 4 mm | <ul style="list-style-type: none"> ■ Multiline flat channel □ 120 mm, DN/OD 75 | 0.5 | 1 | 134113 |
| For design: Stainless steel | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length 20 mm | ■ V 150 E 0. – 20. | 2.9 | 20 | 12885 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 160 for horizontal, liquid-tight pipe connection ■ With stainless steel edge protection ■ Length 40 mm | <ul style="list-style-type: none"> ■ V 150 E 0. ■ V 150 E 5. ■ V 150 E 10. ■ V 150 E 15. ■ V 150 E 20. | <ul style="list-style-type: none"> 2.2 2.7 2.8 3.1 3.5 | <ul style="list-style-type: none"> 6 6 6 6 6 | <ul style="list-style-type: none"> 12886 12887 12888 12889 12890 |
|  | Adapter to change direction of flow <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length: 40 mm | <ul style="list-style-type: none"> ■ V 150 E 0. ■ V 150 E 5. ■ V 150 E 10. ■ V 150 E 15. ■ V 150 E 20. | <ul style="list-style-type: none"> 1.4 1.6 1.7 1.8 1.9 | <ul style="list-style-type: none"> 6 6 6 6 6 | <ul style="list-style-type: none"> 12893 12894 12895 12896 12897 |

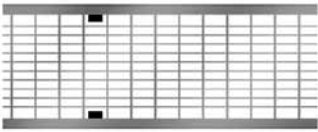
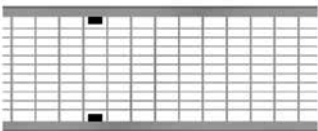
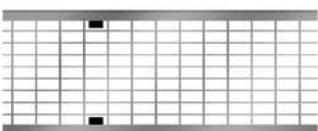
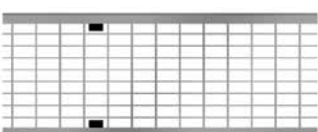
| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|--|-------------|----|---------------|
|  | Universal closing end cap (flat channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length 20 mm | <ul style="list-style-type: none"> ■ Multiline flat channel | 1.0 | 20 | 12880 |
|  | Channel end cap with socket (flat channel) <ul style="list-style-type: none"> ■ Made of stainless steel ■ Length 4 mm | <ul style="list-style-type: none"> ■ Multiline flat channel <ul style="list-style-type: none"> □ 120 mm, DN/OD 75 | 0.5 | 1 | 134114 |
| For design: Cast iron | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With EN-GJS cast iron edge protection ■ Length 20 mm | <ul style="list-style-type: none"> ■ V 150 G 0. – 20. | 2.9 | 20 | 12985 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 160 for horizontal, liquid-tight pipe connection ■ With EN-GJS cast iron edge protection ■ Length 40 mm | <ul style="list-style-type: none"> ■ V 150 G 0. ■ V 150 G 5. ■ V 150 G 10. ■ V 150 G 15. ■ V 150 G 20. | 2.2 | 6 | 12986 |
| | | | 2.7 | 6 | 12987 |
| | | | 2.8 | 6 | 12988 |
| | | | 3.1 | 6 | 12989 |
| | | | 3.5 | 6 | 12990 |
|  | Adapter to change direction of flow <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With EN-GJS cast iron edge protection ■ Length: 40 mm | <ul style="list-style-type: none"> ■ V 150 G 0. ■ V 150 G 5. ■ V 150 G 10. ■ V 150 G 15. ■ V 150 G 20. | 1.4 | 6 | 12993 |
| | | | 1.6 | 6 | 12994 |
| | | | 1.7 | 6 | 12995 |
| | | | 1.8 | 6 | 12996 |
| | | | 1.9 | 6 | 12997 |
|  | Universal closing end cap (flat channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With EN-GJS cast iron edge protection ■ Length 20 mm | <ul style="list-style-type: none"> ■ Multiline flat channel | 1.0 | 20 | 12980 |
| Accessories for all materials | | | | | |
|  | Adapters <ul style="list-style-type: none"> ■ For equalising height differences when installing on step slopes ■ Made of polymer concrete | <ul style="list-style-type: none"> ■ Level difference: 25 mm ■ Level difference: 50 mm | 0.3 | 10 | 13000 |
| | | | 0.5 | 10 | 13001 |
|  | Grating hook <ul style="list-style-type: none"> ■ For removing cover gratings ■ Galvanised steel | <ul style="list-style-type: none"> ■ Cover gratings | 0,3 | 1 | 01290 |
|  | Grating hook for revision opening <ul style="list-style-type: none"> ■ 2 grating hooks are needed to lift off the revision opening ■ Galvanised steel | <ul style="list-style-type: none"> ■ Brickslot with revision opening | 0,5 | 40 | 16364 |

Load class B 125

Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information



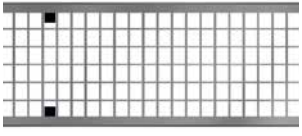
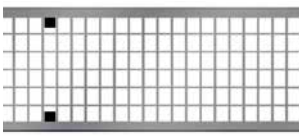
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 1000 | 173 | 30 × 10 | 1199 | 5.2 | 100 | 132002 |
| | | 500 | 173 | 30 × 10 | 1199 | 2.6 | 48 | 132003 |
|  | Stainless steel | 1000 | 173 | 30 × 10 | 1199 | 5.2 | 100 | 132012 |
| | | 500 | 173 | 30 × 10 | 1199 | 2.6 | 10 | 132013 |
|  | Galvanised steel | 1000 | 173 | 30 × 15 | 1227 | 5.0 | 100 | 132020 |
| | | 500 | 173 | 30 × 15 | 1227 | 2.5 | 48 | 132021 |
|  | Stainless steel | 1000 | 173 | 30 × 15 | 1227 | 5.2 | 100 | 132030 |
| | | 500 | 173 | 30 × 15 | 1227 | 2.6 | 10 | 132031 |

6

Load class C 250
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information



| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 173 | 12 | 578 | 5.3 | 96 | 13070 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 173 | 29 × 12 | 595 | 5.3 | 96 | 13073 |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 1000 | 173 | 17 × 23 | 1151 | 7.4 | 100 | 13018 |
| | | 500 | 173 | 17 × 23 | 1151 | 3.7 | 48 | 13019 |
|  | Stainless steel | 1000 | 173 | 17 × 23 | 1151 | 7.4 | 40 | 13048 |
| | | 500 | 173 | 17 × 23 | 1151 | 3.7 | 24 | 13049 |

Load class C 250 (Brickslot)

Product information

- Brickslot based on EN 1433/DIN 19580 requirements
- With lateral slot
- With reinforced top edge
- With guide straps
- Slot height: 105 mm

Order information



| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|--|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 173 | 10 | 100 | 9.3 | 50 | 23170 |
| | | 500 | 173 | 10 | 100 | 4.7 | 100 | 23171 |
| | Stainless steel | 1000 | 173 | 10 | 100 | 9.3 | 50 | 23180 |
| | | 500 | 173 | 10 | 100 | 4.7 | 100 | 23181 |
| | | 1000 | 180 | 12.5 | 125 | 13.0 | 1 | 49961 |
| | | 500 | 180 | 12.5 | 125 | 6.5 | 1 | 49962 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 173 | 10 | 100 | 7.9 | 80 | 23172 |
| | Stainless steel | 500 | 173 | 10 | 100 | 7.9 | 80 | 23182 |

Load class C 250 (Brickslot)

Product information

- Brickslot based on EN 1433/DIN 19580 requirements
- With lateral slot
- With reinforced top edge
- With guide straps
- Slot height: 150 mm



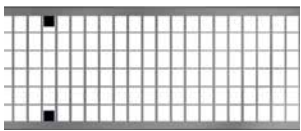
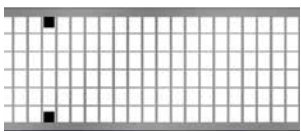
Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 173 | 10 | 100 | 10.5 | 50 | 407057 |
| | | 500 | 173 | 10 | 100 | 6 | 80 | 407058 |
| | Stainless steel | 1000 | 173 | 10 | 100 | 10.5 | 50 | 407060 |
| | | 500 | 173 | 10 | 100 | 6 | 80 | 407061 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 173 | 10 | 100 | 9.2 | 50 | 407059 |
| | Stainless steel | 500 | 173 | 10 | 100 | 9.2 | 50 | 407062 |

Load class D 400
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information


| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 173 | 12 | 578 | 7.8 | 96 | 13071 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 173 | 25 × 12 | 514 | 8.2 | 96 | 13074 |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 1000 | 173 | 17 × 23 | 1151 | 9.2 | 100 | 13020 |
| | | 500 | 173 | 17 × 23 | 1151 | 4.6 | 48 | 13021 |
|  | Stainless steel | 1000 | 173 | 17 × 23 | 1151 | 9.2 | 40 | 13050 |
| | | 500 | 173 | 17 × 23 | 1151 | 4.6 | 24 | 13051 |

Load class D 400 (Brickslot)

Product information

- Brickslot based on EN 1433/DIN 19580 requirements
- With centre slot
- With reinforced top edge
- With guide straps
- Slot height: 105 mm

Order information



| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 173 | 10 | 100 | 9.3 | 60 | 23175 |
| | | 500 | 173 | 10 | 100 | 4.7 | 100 | 23176 |
| | Stainless steel | 1000 | 173 | 10 | 100 | 9.3 | 60 | 23185 |
| | | 500 | 173 | 10 | 100 | 4.7 | 100 | 23186 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 173 | 10 | 100 | 7.9 | 80 | 23177 |
| | Stainless steel | 500 | 173 | 10 | 100 | 7.9 | 80 | 23187 |

Load class D 400 (Brickslot)

Product information

- Brickslot based on EN 1433/DIN 19580 requirements
- With centre slot
- With reinforced top edge
- With guide straps
- Slot height: 150 mm




Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 173 | 10 | 100 | 10.5 | | 407063 |
| | | 500 | 173 | 10 | 100 | 6 | | 407064 |
| | Stainless steel | 1000 | 173 | 10 | 100 | 10.5 | | 407066 |
| | | 500 | 173 | 10 | 100 | 6 | | 407067 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 173 | 10 | 100 | 9.2 | | 407065 |
| | Stainless steel | 500 | 173 | 10 | 100 | 9.2 | | 407068 |

Load class E 600
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 173 | 12 | 578 | 7.8 | 96 | 13071 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 173 | 25 × 12 | 514 | 8.2 | 96 | 13074 |
| Cover plate, closed | | | | | | | | |
|  | EN-GJS cast iron | 500 | 173 | – | – | 9.0 | 96 | 13072 |

Design: Galvanised edge protection, stainless steel, cast iron

Product information

ACO product benefits

- With ACO DRAIN® safety seam (SF)
- With V-profile
- With Drainlock screwless stop
- Channel body made of polymer concrete

- Channel system in accordance with EN 1433/DIN 19580
- Nominal width 200 mm
- Load classes A 15 – E 600 ¹⁾
- Optionally available with galvanised steel, stainless steel or EN-GJS cast iron edge protection



Design: Galvanised steel



Design: Stainless steel



Design: Cast iron

Channel body without sloping invert, 1000 mm

Specific product information

- Optionally available with or without vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR
- Channel body combination options (example):
 - 0.0 - 0.0.2 - 0.1 - 0.2

Order information

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|---|------------|-------------|--------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 235 | 265 | 0.0 | 9 | 39.3 | 13130 | 39.3 | 13230 | 39.8 | 13330 |
| | | 290 | 5.0 | 9 | 41.0 | 13140 | 41.1 | 13240 | 41.6 | 13340 |
| | | 315 | 10.0 | 9 | 43.9 | 13150 | 44.0 | 13250 | 44.5 | 13350 |
| | | 340 | 15.0 | 6 | 46.1 | 13160 | 46.1 | 13260 | 46.7 | 13360 |
| | | 365 | 20.0 | 6 | 47.6 | 13170 | 47.7 | 13270 | 48.2 | 13370 |
| With LLS pipe connection DN/OD 160 | | | | | | | | | | |
| 1000 | 235 | 275 | 0.0.2 | 6 | 42.7 | 13131 | 42.7 | 13231 | 43.3 | 13331 |
| | | 300 | 5.0.2 | 6 | 44.1 | 13141 | 44.1 | 13241 | 44.9 | 13341 |
| | | 325 | 10.0.2 | 6 | 47.1 | 13151 | 47.1 | 13251 | 47.6 | 13351 |
| | | 350 | 15.0.2 | 3 | 48.6 | 13161 | 48.6 | 13261 | 49.1 | 13361 |
| | | 375 | 20.0.2 | 3 | 50.7 | 13171 | 50.7 | 13271 | 51.3 | 13371 |

¹⁾ Exception: Transverse drainage on heavily frequented roads. Here, we recommend the use of ACO DRAIN® Monoblock RD 100/200 V.

Channel body without sloping invert, 500 mm

Specific product information

- Optionally available with pre-formed knock-out or vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR
- With side pre-mouldings for corner, T and cross connections



Order information

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|--|------------|-------------|------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| With DN/OD 200 pre-formed knock-out | | | | | | | | | | |
| 500 | 235 | 265 | 0.1 | 6 | 21.8 | 13132 | 22.0 | 13232 | 22.2 | 13332 |
| | | 290 | 5.1 | 6 | 23.9 | 13142 | 24.0 | 13242 | 24.2 | 13342 |
| | | 315 | 10.1 | 6 | 25.0 | 13152 | 25.1 | 13252 | 25.3 | 13352 |
| | | 340 | 15.1 | 6 | 26.2 | 13162 | 26.3 | 13262 | 26.5 | 13362 |
| | | 365 | 20.1 | 6 | 27.6 | 13172 | 27.8 | 13272 | 28.0 | 13372 |
| With LLS pipe connection DN/OD 200 | | | | | | | | | | |
| 500 | 235 | 275 | 0.2 | 6 | 21.8 | 13133 | 21.9 | 13233 | 22.1 | 13333 |
| | | 300 | 5.2 | 6 | 23.7 | 13143 | 23.9 | 13243 | 24.1 | 13343 |
| | | 325 | 10.2 | 6 | 24.8 | 13153 | 24.9 | 13253 | 25.1 | 13353 |
| | | 350 | 15.2 | 6 | 25.4 | 13163 | 25.6 | 13263 | 25.8 | 13363 |
| | | 375 | 20.2 | 6 | 26.9 | 13173 | 27.0 | 13273 | 27.2 | 13373 |

Channel body with sloping invert, 1000 mm



Order information

Common technical data

- Sloping invert: 0.5 %

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|-------------|------------|--------------------------|------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height Start/Finish [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 235 | 265/ 270 | 1 | 6 | 38.4 | 13101 | 38.4 | 13201 | 39.0 | 13301 |
| | | 270/ 275 | 2 | 6 | 39.4 | 13102 | 39.4 | 13202 | 40.0 | 13302 |
| | | 275/ 280 | 3 | 6 | 39.8 | 13103 | 39.9 | 13203 | 40.4 | 13303 |
| | | 280/ 285 | 4 | 6 | 40.4 | 13104 | 40.5 | 13204 | 41.0 | 13304 |
| | | 285/ 290 | 5 | 6 | 40.8 | 13105 | 40.8 | 13205 | 41.4 | 13305 |
| | | 290/ 295 | 6 | 6 | 41.3 | 13106 | 41.3 | 13206 | 41.9 | 13306 |
| | | 295/ 300 | 7 | 6 | 41.4 | 13107 | 41.5 | 13207 | 42.1 | 13307 |
| | | 300/ 305 | 8 | 6 | 41.8 | 13108 | 41.8 | 13208 | 42.0 | 13308 |
| | | 305/ 310 | 9 | 6 | 42.2 | 13109 | 42.2 | 13209 | 42.8 | 13309 |
| | | 310/ 315 | 10 | 6 | 43.1 | 13110 | 43.1 | 13210 | 43.7 | 13310 |

Sump units, 500 mm

Specific product information

- With NBR lip labyrinth seal (LLS) for horizontal, liquid-tight pipe connection
- With sliceable connection template up to building height 20.
- With plastic (PP) sludge basket



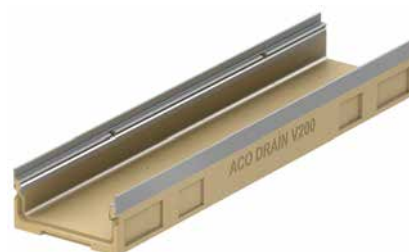
Order information

| Dimensions | | | Pipe connection DN/OD [mm] | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|---------------------------------|------------|-------------|----------------------------|----|------------------|-------------|-----------------|-------------|-------------|-------------|
| Length [mm] | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| With LLS pipe connection | | | | | | | | | | |
| 500 | 235 | 670 | 160 | 6 | 42.4 | 13191 | 42.2 | 13291 | 42.2 | 13391 |
| | | | 200 | 6 | 41.5 | 13192 | 41.3 | 13292 | 41.3 | 13392 |

Flat channels without sloping invert, 1000 mm

Specific product information





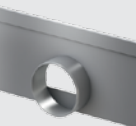



- Optionally available with or without vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR



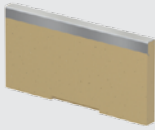







Order information

| Length [mm] | Dimensions | | PU | Galvanised steel | | Stainless steel | | Cast iron | | |
|---|------------|--------------------------|----|------------------|-------------|-----------------|-------------|-------------|-------------|--|
| | Width [mm] | Height Start/Finish [mm] | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number | |
| 1000 | 235 | 120 | 12 | 21.6 | 13121 | 21.6 | 13221 | 23.1 | 13321 | |
| With LLS pipe connection DN/OD 110 | | | | | | | | | | |
| 1000 | 235 | 120 | 3 | 21.3 | 13122 | 21.3 | 13222 | 21.9 | 13322 | |
| With protection of edges | | | | | | | | | | |
| 1000 | 235 | 80 | 12 | 18 | 405391 | 18 | 405392 | 18 | 405390 | |
| With integrated seal DN/OD 110 | | | | | | | | | | |
| 1000 | 235 | 80 | 3 | 17.5 | 405394 | 17.5 | 405395 | 17.5 | 405393 | |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|---|---------------------------------|-----------------------|--|
| For design: Galvanised steel | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length 20 mm | ■ V 200 S 0. – 20. | 3.4 | 10 | 13185 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 200 for horizontal, liquid-tight pipe connection ■ With galvanised steel edge protection ■ Length 40 mm | ■ V 200 S 0. ■ V 200 S 5. ■ V 200 S 10. ■ V 200 S 15. ■ V 200 S 20. | 3.2 3.7 3.9 4.4 4.6 | 6 6 6 6 6 | 13186 13187 13188 13189 13190 |
|  | Adapter to change direction of flow <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length: 40 mm | ■ V 200 S 0. ■ V 200 S 5. ■ V 200 S 10. ■ V 200 S 15. ■ V 200 S 20. | 2.1 2.3 2.4 2.5 2.7 | 6 6 6 6 6 | 13193 13194 13195 13196 13197 |
|  | Universal closing end cap (flat channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length 20 mm | ■ Multiline flat channels | 1.2 | 20 | 13180 |
|  | Channel end cap with socket (flat channel) <ul style="list-style-type: none"> ■ Galvanised steel ■ Length 4 mm | ■ Multiline flat channels □ 120 mm, DN/OD 75 | 0.6 | 1 | 134173 |
| For design: Stainless steel | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length 20 mm | ■ V 200 E 0. – 20. | 3.5 | 10 | 13285 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 200 for horizontal, liquid-tight pipe connection ■ With stainless steel edge protection ■ Length 40 mm | ■ V 200 E 0. ■ V 200 E 5. ■ V 200 E 10. ■ V 200 E 15. ■ V 200 E 20. | 3.3 3.7 4.0 4.6 4.8 | 6 6 6 6 6 | 13286 13287 13288 13289 13290 |
|  | Adapter to change direction of flow <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length: 40 mm | ■ V 200 E 0. ■ V 200 E 5. ■ V 200 E 10. ■ V 200 E 15. ■ V 200 E 20. | 2.2 2.3 2.4 2.5 2.7 | 6 6 6 6 6 | 13293 13294 13295 13296 13297 |

Design: Galvanised edge protection, stainless steel, cast iron

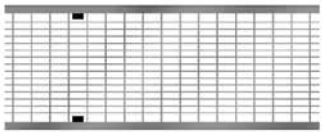
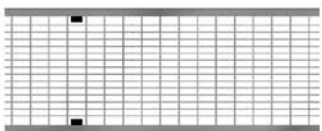
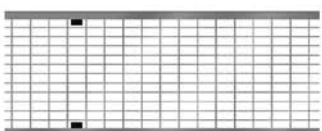
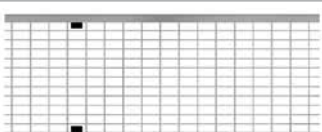
| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|---|---------------------------------|-----------------------|--|
|  | Universal closing end cap (flat channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length 20 mm | <ul style="list-style-type: none"> ■ Multiline flat channels | 1.3 | 20 | 13280 |
|  | Channel end cap with socket (flat channel) <ul style="list-style-type: none"> ■ Made of stainless steel ■ Length 4 mm | <ul style="list-style-type: none"> ■ Multiline flat channels <ul style="list-style-type: none"> □ 120 mm, DN/OD 75 | 0.6 | 1 | 134174 |
| For design: Cast iron | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With EN-GJS cast iron edge protection ■ Length 20 mm | <ul style="list-style-type: none"> ■ V 200 G 0. – 20. | 3.6 | 10 | 13385 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 200 for horizontal, liquid-tight pipe connection ■ With EN-GJS cast iron edge protection ■ Length 40 mm | <ul style="list-style-type: none"> ■ V 200 G 0. ■ V 200 G 5. ■ V 200 G 10. ■ V 200 G 15. ■ V 200 G 20. | 3.4 3.9 4.1 4.9 5.1 | 6 6 6 6 6 | 13386 13387 13388 13389 13390 |
|  | Adapter to change direction of flow <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With EN-GJS cast iron edge protection ■ Length: 40 mm | <ul style="list-style-type: none"> ■ V 200 G 0. ■ V 200 G 5. ■ V 200 G 10. ■ V 200 G 15. ■ V 200 G 20. | 2.6 2.7 2.8 2.9 3.1 | 6 6 6 6 6 | 13393 13394 13395 13396 13397 |
|  | Universal closing end cap (flat channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With EN-GJS cast iron edge protection ■ Length 20 mm | <ul style="list-style-type: none"> ■ Multiline flat channels | 1.4 | 20 | 13380 |
| Accessories for all materials | | | | | |
|  | Adapters <ul style="list-style-type: none"> ■ For equalising height differences when installing on step slopes ■ Made of polymer concrete | <ul style="list-style-type: none"> ■ Level difference: 25 mm ■ Level difference: 50 mm | 0.3 0.6 | 10 10 | 13400 13401 |
|  | Grating hook <ul style="list-style-type: none"> ■ For removing cover gratings ■ Galvanised steel | <ul style="list-style-type: none"> ■ Cover gratings | 0,3 | 1 | 01290 |

6

Load class B 125
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information


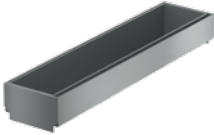
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 1000 | 223 | 30 × 10 | 1632 | 7.0 | 48 | 132004 |
| | | 500 | 223 | 30 × 10 | 1632 | 3.5 | 24 | 132005 |
|  | Stainless steel | 1000 | 223 | 30 × 10 | 1632 | 7.0 | 100 | 132014 |
| | | 500 | 223 | 30 × 10 | 1632 | 3.5 | 10 | 132015 |
|  | Galvanised steel | 1000 | 223 | 30 × 15 | 1674 | 6.4 | 48 | 132022 |
| | | 500 | 223 | 30 × 15 | 1674 | 3.3 | 24 | 132023 |
|  | Stainless steel | 1000 | 223 | 30 × 15 | 1674 | 7.0 | 100 | 132032 |
| | | 500 | 223 | 30 × 15 | 1674 | 3.5 | 10 | 132033 |

Load class B 125 (Brickslot)

Product information

- Slot height: 105 mm

Order information


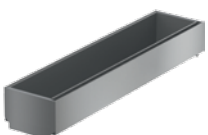
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 223 | 10 | 100 | 10.9 | 40 | 407030 |
| | | 500 | 223 | 10 | 100 | 5.9 | 80 | 407031 |
| | Stainless steel | 1000 | 223 | 10 | 100 | 10.9 | 40 | 407033 |
| | | 500 | 223 | 10 | 100 | 5.9 | 80 | 407034 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 223 | 10 | 100 | 7.9 | 50 | 407032 |
| | Stainless steel | 500 | 223 | 10 | 100 | 7.9 | 50 | 407035 |

Load class B 125 (Brickslot)

Product information

- Slot height: 150 mm



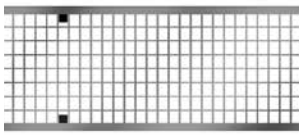
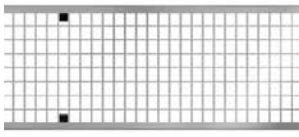
Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 223 | 10 | 100 | 11.4 | 30 | 407069 |
| | | 500 | 223 | 10 | 100 | 6 | 60 | 407070 |
| | Stainless steel | 1000 | 223 | 10 | 100 | 11.4 | 30 | 407072 |
| | | 500 | 223 | 10 | 100 | 6 | 60 | 407073 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 223 | 10 | 100 | 8.6 | 60 | 407071 |
| | Stainless steel | 500 | 223 | 10 | 100 | 8.6 | 60 | 407074 |

Load class C 250
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information


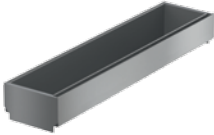
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 223 | 12 | 740 | 8.6 | 90 | 13470 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 223 | 31 × 14 | 905 | 7.5 | 90 | 13473 |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 1000 | 223 | 17 × 23 | 1541 | 12.0 | 48 | 13418 |
| | | 500 | 223 | 17 × 23 | 1541 | 6.0 | 24 | 13419 |
|  | Stainless steel | 1000 | 223 | 17 × 23 | 1541 | 12.0 | 40 | 13448 |
| | | 500 | 223 | 17 × 23 | 1541 | 6.0 | 16 | 13449 |

Load class C 250 (Brickslot)

Product information

- Slot height: 105 mm

Order information


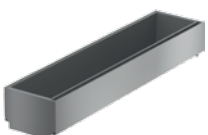
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 223 | 10 | 100 | 12.3 | 40 | 407036 |
| | | 500 | 223 | 10 | 100 | 6.4 | 80 | 407037 |
| | Stainless steel | 1000 | 223 | 10 | 100 | 12.3 | 40 | 407039 |
| | | 500 | 223 | 10 | 100 | 6.4 | 80 | 407040 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 223 | 10 | 100 | 8.8 | 80 | 407038 |
| | Stainless steel | 500 | 223 | 10 | 100 | 8.8 | 80 | 407041 |

Load class C 250 (Brickslot)

Product information

- Slot height: 150 mm



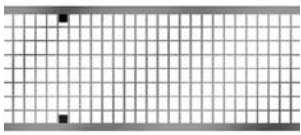
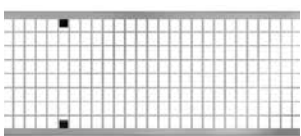
Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 223 | 10 | 100 | 12.8 | 40 | 407075 |
| | | 500 | 223 | 10 | 100 | 6.7 | 80 | 407076 |
| | Stainless steel | 1000 | 223 | 10 | 100 | 12.8 | 40 | 407078 |
| | | 500 | 223 | 10 | 100 | 6.7 | 80 | 407079 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 223 | 10 | 100 | 10.3 | 80 | 407077 |
| | Stainless steel | 500 | 223 | 10 | 100 | 10.3 | 80 | 407080 |

Load class D 400
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information


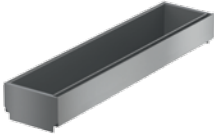
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 223 | 12 | 740 | 11.9 | 90 | 13471 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 223 | 26 × 14 | 756 | 11.7 | 90 | 13474 |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 1000 | 223 | 16 × 22 | 1391 | 16.0 | 48 | 13420 |
| | | 500 | 223 | 16 × 22 | 1391 | 7.9 | 24 | 13421 |
|  | Stainless steel | 1000 | 223 | 16 × 22 | 1391 | 16.0 | 40 | 13450 |
| | | 500 | 223 | 16 × 22 | 1391 | 7.9 | 16 | 13451 |

Load class D 400 (Brickslot)

Product information

- Slot height: 105 mm

Order information


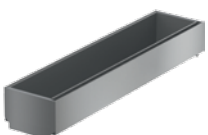
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 223 | 10 | 100 | 9.8 | 40 | 408995 |
| | | 500 | 223 | 10 | 100 | 4.8 | 80 | 408996 |
| | Stainless steel | 1000 | 223 | 10 | 100 | 9.8 | 40 | 408998 |
| | | 500 | 223 | 10 | 100 | 4.8 | 80 | 408999 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 223 | 10 | 100 | 8.5 | 80 | 408997 |
| | Stainless steel | 500 | 223 | 10 | 100 | 8.5 | 80 | 409000 |

Load class D 400 (Brickslot)

Product information

- Slot height: 150 mm




Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Brickslot | | | | | | | | |
|  | Galvanised steel | 1000 | 223 | 10 | 100 | 11.25 | 30 | 409001 |
| | | 500 | 223 | 10 | 100 | 5.5 | 60 | 409002 |
| | Stainless steel | 1000 | 223 | 10 | 100 | 11.25 | 30 | 409004 |
| | | 500 | 223 | 10 | 100 | 5.5 | 60 | 409005 |
| Brickslot with revision opening | | | | | | | | |
|  | Galvanised steel | 500 | 223 | 10 | 100 | 10.5 | 60 | 409003 |
| | Stainless steel | 500 | 223 | 10 | 100 | 10.5 | 60 | 409006 |

Load class E 600
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 223 | 12 | 740 | 11.9 | 90 | 13471 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 223 | 26 × 14 | 756 | 11.7 | 90 | 13474 |
| Cover plate, closed | | | | | | | | |
|  | EN-GJS cast iron | 500 | 223 | – | – | 12.6 | 90 | 13472 |

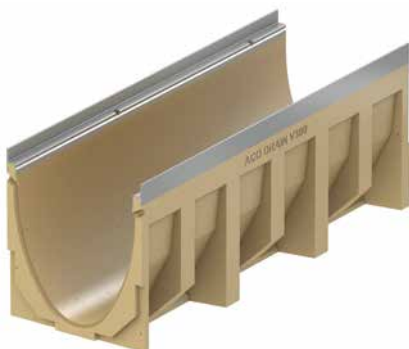
Design: Galvanised edge protection, stainless steel, cast iron

Product information

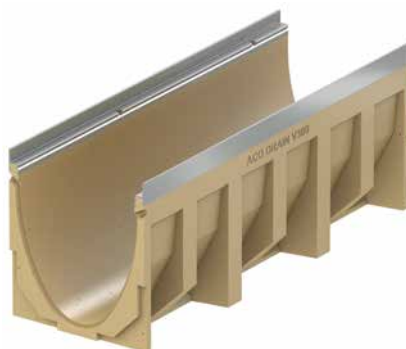
ACO product benefits

- With ACO DRAIN® safety seam (SF)
- With V-profile
- With Drainlock screwless stop
- Channel body made of polymer concrete

- Channel system in accordance with EN 1433/DIN 19580
- Nominal width 300 mm
- Load classes A 15 – E 600 ¹⁾
- Optionally available with galvanised steel, stainless steel or EN-GJS cast iron edge protection



Design: Galvanised steel



Design: Stainless steel



Design: Cast iron

Channel body without sloping invert, 1000 mm

Specific product information

- Optionally available with or without vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR
- Channel body combination options (example):
 - 0.0 - 0.0.2 - 0.1 - 0.2

Order information

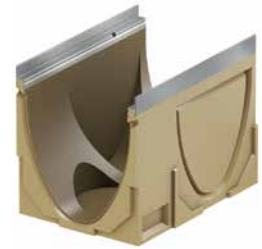
| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|---|------------|-------------|--------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 350 | 385 | 0.0 | 4 | 64.3 | 13530 | 64.3 | 13630 | 66.3 | 13730 |
| | | 410 | 5.0 | 4 | 67.2 | 13540 | 67.2 | 13640 | 69.1 | 13740 |
| | | 435 | 10.0 | 4 | 69.8 | 13550 | 69.8 | 13650 | 71.7 | 13750 |
| | | 460 | 15.0 | 4 | 71.2 | 13560 | 71.2 | 13660 | 73.2 | 13760 |
| | | 485 | 20.0 | 4 | 74.6 | 13570 | 74.6 | 13670 | 76.5 | 13770 |
| With LLS pipe connection DN/OD 200 | | | | | | | | | | |
| 1000 | 350 | 395 | 0.0.2 | 4 | 76.8 | 13531 | 76.3 | 13631 | 78.7 | 13731 |
| | | 420 | 5.0.2 | 4 | 79.9 | 13541 | 79.9 | 13641 | 81.8 | 13741 |
| | | 445 | 10.0.2 | 4 | 82.6 | 13551 | 82.6 | 13651 | 84.6 | 13751 |
| | | 470 | 15.0.2 | 4 | 86.1 | 13561 | 86.1 | 13661 | 88.1 | 13761 |
| | | 495 | 20.0.2 | 4 | 90.3 | 13571 | 90.3 | 13671 | 92.3 | 13771 |

¹⁾ Exception: Transverse drainage on heavily frequented roads. Here, we recommend the use of ACO DRAIN® Monoblock RD 100/200 V.

Channel body without sloping invert, 500 mm

Specific product information

- Optionally available with pre-formed knock-out or vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR
- With side pre-mouldings for corner, T and cross connections



Order information

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|--|------------|-------------|------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| With DN/OD 200 pre-formed knock-out | | | | | | | | | | |
| 500 | 350 | 385 | 0.1 | 4 | 39.5 | 13532 | 39.5 | 13632 | 40.6 | 13732 |
| | | 410 | 5.1 | 4 | 41.5 | 13542 | 41.5 | 13642 | 42.6 | 13742 |
| | | 435 | 10.1 | 4 | 42.8 | 13552 | 42.8 | 13652 | 43.9 | 13752 |
| | | 460 | 15.1 | 4 | 46.0 | 13562 | 46.0 | 13662 | 47.1 | 13762 |
| | | 485 | 20.1 | 4 | 48.1 | 13572 | 48.1 | 13672 | 49.2 | 13772 |
| With LLS pipe connection DN/OD 200 | | | | | | | | | | |
| 500 | 350 | 395 | 0.2 | 4 | 40.3 | 13533 | 40.3 | 13633 | 41.4 | 13733 |
| | | 420 | 5.2 | 4 | 41.9 | 13543 | 41.9 | 13643 | 43.0 | 13743 |
| | | 445 | 10.2 | 4 | 43.4 | 13553 | 43.4 | 13653 | 44.5 | 13753 |
| | | 470 | 15.2 | 4 | 46.1 | 13563 | 46.1 | 13663 | 47.2 | 13763 |
| | | 495 | 20.2 | 4 | 48.1 | 13573 | 48.1 | 13673 | 49.2 | 13773 |

Channel body with sloping invert, 1000 mm



Order information

Common technical data

- Sloping invert: 0.5 %

| Dimensions | | | Type | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|-------------|------------|--------------------------|------|----|------------------|--------------|-----------------|--------------|-------------|--------------|
| Length [mm] | Width [mm] | Height Start/Finish [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 350 | 385/ 390 | 1 | 4 | 64.2 | 13501 | 64.2 | 13601 | 66.2 | 13701 |
| | | 390/ 395 | 2 | 4 | 65.2 | 13502 | 65.2 | 13602 | 67.2 | 13702 |
| | | 395/ 400 | 3 | 4 | 66.6 | 13503 | 66.2 | 13603 | 68.1 | 13703 |
| | | 400/ 405 | 4 | 4 | 66.7 | 13504 | 66.7 | 13604 | 68.9 | 13704 |
| | | 405/ 410 | 5 | 4 | 67.1 | 13505 | 67.1 | 13605 | 69.1 | 13705 |
| | | 410/ 415 | 6 | 4 | 67.7 | 13506 | 67.7 | 13606 | 69.7 | 13706 |
| | | 415/ 420 | 7 | 4 | 68.1 | 13507 | 68.1 | 13607 | 69.0 | 13707 |
| | | 420/ 425 | 8 | 4 | 68.5 | 13508 | 68.5 | 13608 | 70.0 | 13708 |
| | | 425/ 430 | 9 | 4 | 68.9 | 13509 | 68.9 | 13609 | 70.8 | 13709 |
| | | 430/ 435 | 10 | 4 | 70.2 | 13510 | 70.2 | 13610 | 72.2 | 13710 |

Design: Galvanised edge protection, stainless steel, cast iron

Sump units, 500 mm

Specific product information

- With NBR lip labyrinth seal (LLS) for horizontal, liquid-tight pipe connection
- With sliceable connection template up to building height 20.
- With galvanised steel sludge basket



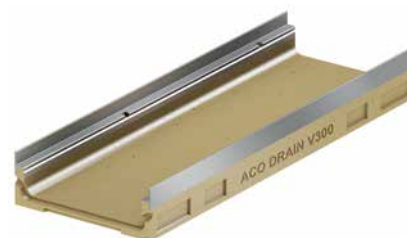
Order information

| Length [mm] | Dimensions | | Pipe connection DN/OD [mm] | PU | Galvanised steel | | Stainless steel | | Cast iron | | |
|---------------------------------|------------|-------------|----------------------------|----|------------------|-------------|-----------------|-------------|-------------|-------------|--|
| | Width [mm] | Height [mm] | | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number | |
| With LLS pipe connection | | | | | | | | | | | |
| 500 | 350 | 860 | 160 | 4 | 67.7 | 13591 | 68.0 | 13691 | 67.8 | 13791 | |
| | | | 200 | 4 | 67.0 | 13592 | 67.2 | 13692 | 67.0 | 13792 | |

Flat channels without sloping invert, 1000 mm

Specific product information





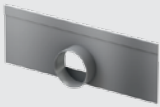

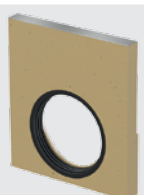

- Optionally available with or without vertical, liquid-tight pipe connection
- Design with vertical, liquid-tight pipe connection with lip labyrinth seal (LLS) made of NBR



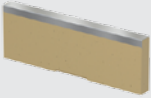







Order information

| Length [mm] | Dimensions | | PU | Galvanised steel | | Stainless steel | | Cast iron | |
|---|------------|--------------------------|----|------------------|-------------|-----------------|-------------|-------------|-------------|
| | Width [mm] | Height Start/Finish [mm] | | Weight [kg] | Item number | Weight [kg] | Item number | Weight [kg] | Item number |
| 1000 | 350 | 120 | 12 | 30.8 | 13521 | 30.8 | 13621 | 32.8 | 13721 |
| With LLS pipe connection DN/OD 110 | | | | | | | | | |
| 1000 | 350 | 120 | 4 | 29.9 | 13522 | 29.9 | 13622 | 31.9 | 13722 |
| With protection of edges | | | | | | | | | |
| 1000 | 350 | 150 | 10 | 36 | 407458 | 36 | 407460 | 36 | 407462 |
| With integrated seal DN/OD 110 | | | | | | | | | |
| 1000 | 350 | 150 | 4 | 35 | 407459 | 35 | 407461 | 35 | 407463 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|---|-----------------------------------|-----------------------|--|
| For design: Galvanised steel | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length 30 mm | ■ V 300 S 0. – 20. | 9.9 | 7 | 13585 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 200 for horizontal, liquid-tight pipe connection ■ With galvanised steel edge protection ■ Length 40 mm | ■ V 300 S 0. ■ V 300 S 5. ■ V 300 S 10. ■ V 300 S 15. ■ V 300 S 20. | 8.9 9.3 9.6 10.4 11.1 | 6 6 6 6 6 | 13586 13587 13588 13589 13590 |
|  | Adapter to change direction of flow <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length: 40 mm | ■ V 300 S 0. ■ V 300 S 5. ■ V 300 S 10. ■ V 300 S 15. ■ V 300 S 20. | 4.7 4.9 5.1 5.5 5.7 | 6 6 6 6 6 | 13593 13594 13595 13596 13597 |
|  | Universal closing end cap (flat channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With galvanised steel edge protection ■ Length 30 mm | ■ Multiline flat channels | 2.8 | 10 | 13580 |
|  | Channel end cap with socket (flat channel) <ul style="list-style-type: none"> ■ Galvanised steel ■ Length 4 mm | ■ Multiline flat channels □ 120 mm, DN/OD 75 | 0.9 | 1 | 134115 |
| For design: Stainless steel | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length 30 mm | ■ V 300 E 0. – 20. | 10.0 | 7 | 13685 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 200 for horizontal, liquid-tight pipe connection ■ With stainless steel edge protection ■ Length 40 mm | ■ V 300 E 0. ■ V 300 E 5. ■ V 300 E 10. ■ V 300 E 15. ■ V 300 E 20. | 8.8 9.3 9.8 10.4 11.1 | 6 6 6 6 6 | 13686 13687 13688 13689 13690 |
|  | Adapter to change direction of flow <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length: 40 mm | ■ V 300 E 0. ■ V 300 E 5. ■ V 300 E 10. ■ V 300 E 15. ■ V 300 E 20. | 4.7 4.9 5.1 5.5 5.7 | 6 6 6 6 6 | 13693 13694 13695 13696 13697 |

Design: Galvanised edge protection, stainless steel, cast iron

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|---|-------------|----|---------------|
|  | Universal closing end cap (flat channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With stainless steel edge protection ■ Length 30 mm | <ul style="list-style-type: none"> ■ Multiline flat channels | 2.9 | 10 | 13680 |
|  | Channel end cap with socket (flat channel) <ul style="list-style-type: none"> ■ Made of stainless steel ■ Length 4 mm | <ul style="list-style-type: none"> ■ Multiline flat channels <ul style="list-style-type: none"> □ 120 mm, DN/OD 75 | 0.9 | 1 | 134116 |
| For design: Cast iron | | | | | |
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With EN-GJS cast iron edge protection ■ Length 30 mm | <ul style="list-style-type: none"> ■ V 300 G 0. – 20. | 10.3 | 7 | 13785 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With integrated lip labyrinth seal (LLS) DN/OD 200 for horizontal, liquid-tight pipe connection ■ With EN-GJS cast iron edge protection ■ Length 40 mm | <ul style="list-style-type: none"> ■ V 300 G 0. ■ V 300 G 5. ■ V 300 G 10. ■ V 300 G 15. ■ V 300 G 20. | 9.3 | 6 | 13786 |
| | | | 9.8 | 6 | 13787 |
| | | | 10.3 | 6 | 13788 |
| | | | 10.9 | 6 | 13789 |
| | | | 11.6 | 6 | 13790 |
|  | Adapter to change direction of flow <ul style="list-style-type: none"> ■ Made of polymer concrete ■ With EN-GJS cast iron edge protection ■ Length: 40 mm | <ul style="list-style-type: none"> ■ V 300 G 0. ■ V 300 G 5. ■ V 300 G 10. ■ V 300 G 15. ■ V 300 G 20. | 5.2 | 6 | 13793 |
| | | | 5.4 | 6 | 13794 |
| | | | 5.6 | 6 | 13795 |
| | | | 6.0 | 6 | 13796 |
| | | | 6.2 | 6 | 13797 |
|  | Universal closing end cap (flat channel) <ul style="list-style-type: none"> ■ For channel start and end ■ Made of polymer concrete ■ With EN-GJS cast iron edge protection ■ Length 30 mm | <ul style="list-style-type: none"> ■ Multiline flat channels | 3.3 | 10 | 13780 |
| Accessories for all materials | | | | | |
|  | Adapters <ul style="list-style-type: none"> ■ For equalising height differences when installing on step slopes ■ Made of polymer concrete | <ul style="list-style-type: none"> ■ Level difference: 25 mm ■ Level difference: 50 mm | 0.4 | 10 | 13800 |
| | | | 0.7 | 10 | 13801 |
|  | Grating hook <ul style="list-style-type: none"> ■ For removing cover gratings ■ Galvanised steel | <ul style="list-style-type: none"> ■ Cover gratings | 0,3 | 1 | 01290 |

Load class B 125
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information


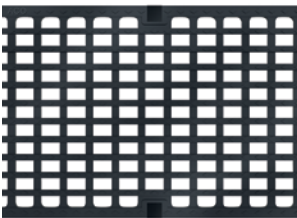
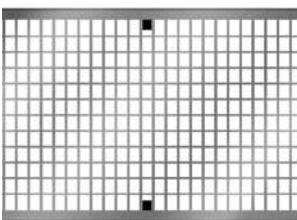
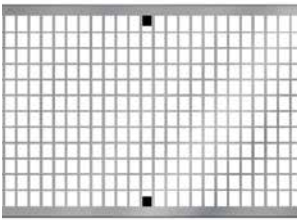
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|--|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|-----|---------------|
| | | Length [mm] | Width [mm] | | | | | |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 500 | 338 | 30 × 10 | 2032 | 12.0 | 40 | 132006 |
|  | Stainless steel | 500 | 338 | 30 × 10 | 2032 | 12.0 | 100 | 132016 |

Load class C 250

Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

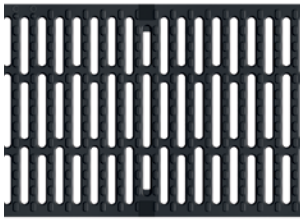

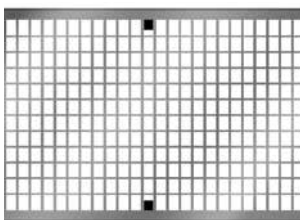
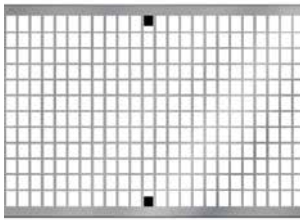
Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|-------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 338 | 12 | 1146 | 17.9 | 40 | 13870 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 338 | 30 × 18 | 1381 | 16.3 | 40 | 13873 |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 500 | 338 | 16 × 22 | 2139 | 14.9 | 40 | 13819 |
|  | Stainless steel | 500 | 338 | 16 × 22 | 2139 | 14.9 | 15 | 13849 |

Load class D 400
Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information

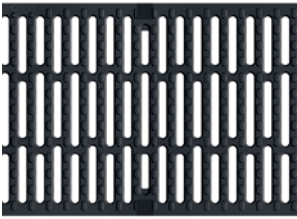
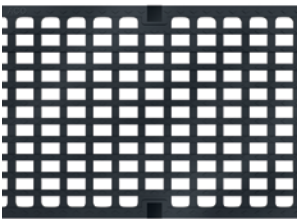
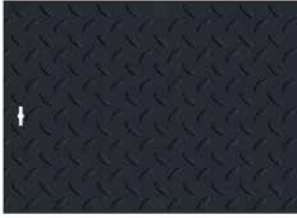
| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|--------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 338 | 12 | 1146 | 24.1 | 40 | 13871 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 338 | 25 × 18 | 1146 | 24.6 | 40 | 13874 |
| Mesh grating | | | | | | | | |
|  | Galvanised steel | 500 | 338 | 16 × 22 | 2139 | 17.4 | 40 | 13821 |
|  | Stainless steel | 500 | 338 | 16 × 22 | 2139 | 17.4 | 15 | 13851 |

Load class E 600

Product information

- Gratings tested to EN 1433/DIN 19580
- With Drainlock screwless stop

Order information

| | Material | Dimensions | | Inlet opening measurements [mm] | Intake area [cm ² /m] | Weight [kg] | PU | Item number |
|---|------------------|-------------|------------|---------------------------------|----------------------------------|-------------|----|-------------|
| | | Length [mm] | Width [mm] | | | | | |
| Slotted grating | | | | | | | | |
|  | EN-GJS cast iron | 500 | 338 | 12 | 1146 | 24.1 | 40 | 13871 |
| Longitudinal rod grating, cast iron, with mesh pattern | | | | | | | | |
|  | EN-GJS cast iron | 500 | 338 | 25 × 18 | 1146 | 24.6 | 40 | 13874 |
| Cover plate, closed | | | | | | | | |
|  | EN-GJS cast iron | 500 | 338 | – | – | 25.8 | 40 | 13872 |

7 ACO Monoblock PD

Monoblock PD 100 V (NW 100 mm)

Channel bodies, sump units and accessories

87

Monoblock PD 150 V (NW 150 mm)

Channel bodies, sump units and accessories

89

Monoblock PD 200 V (NW 200 mm)

Channel bodies, sump units and accessories

91

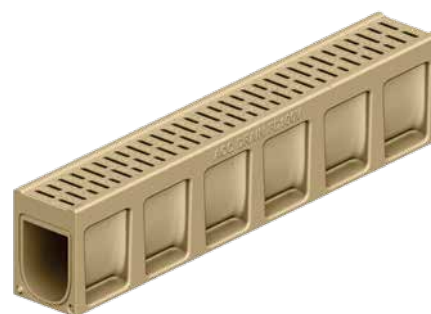
Monolithic channel body, natural

Product information

ACO product benefits

- Monolithic channel body without adhesive
- With V-profil
- Made of polymer concrete

- Channel system in accordance with EN 1433/DIN 19580
- Nominal width 100 mm
- Slot width 8 mm
- Load classes A 15 – D 400
- For gardening, landscaping and traffic area use



Channel body without sloping invert, 1000 mm

Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Type [kg] | Weight [kg] | PU | Item number |
|-------------|------------|-------------|----------------------------------|--------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| 1000 | 150 | 230 | 202 | PD 100 V 0.0 | 32.8 | 20 | 10832 |

Inspection element, 500 mm

Specific product information

- Optionally available with pre-formed knock-out for vertical pipe connection or lip labyrinth seal (LLS) made of NBR for vertical, liquid-tight pipe connection
- With side pre-mouldings for corner, T and cross connections
- With EN-GJS cast iron Slotted grating



Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Type [kg] | Weight [kg] | PU | Item number |
|--|------------|-------------|----------------------------------|--------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| With DN/OD 110 with pre-formed knock-out With DN/OD 110 with pre-formed knock-out | | | | | | | |
| 1000 | 150 | 230 | 202 | PD 100 V 0.1 | 14.0 | 10 | 10836 |
| With LLS pipe connection DN/OD 110 | | | | | | | |
| 1000 | 150 | 230 | 202 | PD 100 V 0.2 | 14.0 | 10 | 10835 |

Sump units, 500 mm

Specific product information




- With integrated lip labyrinth seal for horizontal, liquid-tight pipe connection
- With EN-GJS cast iron Slotted grating
- With integrated plastic sludge basket



Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Pipe connection DN/OD [mm] | Weight [kg] | PU | Item number |
|---------------------------------|------------|-------------|----------------------------------|----------------------------|-------------|----|--------------|
| | Width [mm] | Height [mm] | | | | | |
| With LLS pipe connection | | | | | | | |
| 500 | 150 | 500 | 371 | 110 | 31.3 | 10 | 10837 |
| | | | | 160 | 31.5 | 10 | 10838 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|--|-------------|----|--------------|
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel beginning and end ■ Made of polymer concrete ■ Length 20 mm | <ul style="list-style-type: none"> ■ PD 100 V | 1.4 | 6 | 10833 |
|  | <ul style="list-style-type: none"> ■ Made of polymer concrete ■ (solid anthracite black) ■ With integrated lip labyrinth seal, DN/OD 110, for horizontal, liquid-tight pipe connection ■ Length 25 mm | <ul style="list-style-type: none"> ■ PD 100 V | 1.2 | 6 | 10834 |
|  | Grating hook <ul style="list-style-type: none"> ■ For removing cover gratings ■ Galvanised steel | <ul style="list-style-type: none"> ■ Cover gratings | 0.3 | 1 | 01290 |

Monolithic channel body, natural

Product information

ACO product benefits

- Drainage channel in monolithic design without any glued joints
- Made from polymerconcrete

- According to EN 1433
- Clear width 150 mm
- Load class A15 - D400
- Field of application: vehicular and pedestrian areas



Constant depth drainage channel, 1000 mm

Order information

| Length [mm] | Dimensions | | Inlet area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|-------------|------------|-------------|---------------------------------|-----------|-------------|----|---------------|
| | Width [mm] | Height [mm] | | | | | |
| 1000 | 200 | 270 | 307 | 0.0 | 54 | 12 | 416986 |

Monolithic channel body, natural

Inspection access, 500 mm

Specific product information

- Available with preformed knockout for vertical outlet DN150 or integrated lipped seal DN150
- Channel body with side knockout for 90° channel connection on both sides
- Ductile iron slotted grating with Drainlock locking



Order information

| Length [mm] | Dimensions | | Inlet area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|---|------------|-------------|---------------------------------|-----------|-------------|----|---------------|
| | Width [mm] | Height [mm] | | | | | |
| Preformed knockout for vertical outlet DN150 | | | | | | | |
| 500 | 200 | 280 | 578 | 0.1 | 32 | 8 | 416989 |
| Integrated lipped seal DN150 | | | | | | | |
| 500 | 200 | 280 | 578 | 0.2 | 32,5 | 8 | 416995 |

Sump unit, 500 mm

Product specification




- Integrated lipped seal for watertight connection to the outlet pipe
- Ductile iron slotted grating with Drainlock locking
- Plastic sludge basket included



Order information

| Length [mm] | Dimensions | | Inlet area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|-------------|------------|-------------|---------------------------------|-----------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| 500 | 200 | 595 | 578 | 150 | 50 | 8 | 416990 |

Accessories

| | Description | Suitable for type | Weight [kg] | PU | Item number |
|---|--|--|-------------|----|---------------|
|  | Universal closing end cap <ul style="list-style-type: none"> ■ For channel beginning and end ■ Made of polymer concrete (natural) ■ Length 40 mm | <ul style="list-style-type: none"> ■ PD 200 V | 6.2 | 1 | 416987 |
|  | End cap for channel end <ul style="list-style-type: none"> ■ Made of polymer concrete (natural) ■ With integrated lip labyrinth seal, DN/OD 160, for horizontal, liquid-tight pipe connection ■ Length 40 mm | <ul style="list-style-type: none"> ■ PD 200 V | 5.0 | 1 | 416988 |
|  | Grating hook <ul style="list-style-type: none"> ■ For removing cover gratings ■ Galvanised steel | <ul style="list-style-type: none"> ■ Cover gratings | 1 | 1 | 01290 |

Monolithic channel body, natural

Product information

ACO product benefits

- Channel body in monolithic design without adhesive joint, natural
- With V-profile
- Made of polymer concrete

- Channel system in accordance with EN 1433/DIN 19580
- Nominal width 200 mm
- Slot width 15 mm
- Load classes A 15 – D 400
- For gardening, landscaping and traffic area use
- Delivery dates on request for the PD 200 V channel system



Channel body without sloping invert, 1000 mm

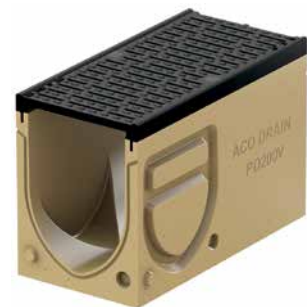
Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|-------------|------------|-------------|----------------------------------|--------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| 1000 | 250 | 320 | 440 | PD 200 V 0.0 | 72.0 | 9 | 10982 |

Inspection element, 500 mm

Specific product information

- With pre-formed knock-out for vertical pipe connection
- With side pre-mouldings for corner, T and cross connections
- With EN-GJS cast iron Slotted grating



Order information

| Length [mm] | Dimensions | | Inlet area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|---|------------|-------------|---------------------------------|--------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| With DN/OD 160 with pre-formed knock-out | | | | | | | |
| 500 | 250 | 330 | 740 | PD 200 V 0.1 | 38.5 | 18 | 10985 |
| With LLS pipe connection, DN 150 | | | | | | | |
| 500 | 250 | 330 | 740 | PD 200 V 0.2 | 33,7 | 18 | 413132 |

Sump unit, 500 mm

Specific product information


- With integrated lip labyrinth seal for horizontal, liquid-tight pipe connection
- With EN-GJS cast iron Slotted grating
- With integrated plastic sludge basket



Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Pipe connection DN/OD [mm] | Weight [kg] | PU | Item number |
|---------------------------------|------------|-------------|----------------------------------|----------------------------|-------------|----|---------------|
| | Width [mm] | Height [mm] | | | | | |
| With LLS pipe connection | | | | | | | |
| 500 | 250 | 645 | 740 | 160 | 48.0 | 6 | 10987 |
| 500 | 250 | 645 | 740 | 200 | 49.0 | 4 | 413133 |

Accessories

| | Description | Suitable for type | Weight [kg] | PU | Item number |
|---|--|--|-------------|----|--------------|
| | Universal closing end cap <ul style="list-style-type: none"> ■ For channel beginning and end ■ Made of polymer concrete (natural) ■ Length 40 mm | <ul style="list-style-type: none"> ■ PD 200 V | 6.2 | 1 | 10983 |
| | End cap for channel end <ul style="list-style-type: none"> ■ Made of polymer concrete (natural) ■ With integrated lip labyrinth seal, DN/OD 160, for horizontal, liquid-tight pipe connection ■ Length 40 mm | <ul style="list-style-type: none"> ■ PD 200 V | 5.0 | 1 | 10984 |
|  | Grating hook <ul style="list-style-type: none"> ■ For removing cover gratings ■ Galvanised steel | <ul style="list-style-type: none"> ■ Cover gratings | 0.3 | 1 | 01290 |

8 ACO Monoblock RD

Monoblock RD 100 V (NW 100 mm)

Channel bodies, sump units and accessories

94

Monoblock RD 150 V (NW 150 mm)

Channel bodies, sump units and accessories

97

Monoblock RD 200 V (NW 200 mm)

Channel bodies, sump units and accessories

100

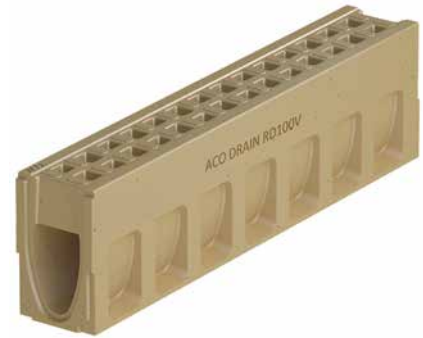
Monolithic channel body, natural

Product information

ACO product benefits

- With national technical approval Z-74.4-53 for use in storage, filling and handling systems.
- Channel body in monolithic design without adhesive joint, natural
- With ACO DRAIN® safety seam
- With V-profile
- Made of polymer concrete

- Channel system in accordance with EN 1433/DIN 19580
- Nominal width 100 mm
- Load classes D 400 – F 900 ¹⁾
- Pursuant to national technical approval, only moulded HDPE pipe sockets are approved for pipe connections in storage, filling and handling systems
- Delivery time on request for versions with moulded HDPE pipe socket



Channel body without sloping invert, 1000 mm

Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|-------------|------------|-------------|----------------------------------|--------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| 1000 | 160 | 265 | 308 | RD 100 V 0.0 | 50.5 | 20 | 10763 |

Inspection element, 500 mm

Specific product information

- Optionally available with pre-formed knock-out or vertical, liquid-tight pipe connection
- Versions with vertical, liquid-tight pipe connection optionally available with lip labyrinth seal (LLS) made of NBR or moulded HDPE pipe socket SDR 17.6 especially for installations with national technical approval
- With side pre-mouldings for corner, T and cross connections
- With EN-GJS cast iron Slotted grating



Order information

| Length [mm] | Dimensions | | Inlet area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|---|------------|----------------------------|---------------------------------|--------------|-------------|----|-------------|
| | Width [mm] | Height Start / Finish [mm] | | | | | |
| With DN/OD 110 with pre-formed knock-out | | | | | | | |
| 500 | 160 | 275 | 380 | RD 100 V 0.1 | 25.3 | 10 | 10775 |
| With LLS pipe connection DN/OD 110 | | | | | | | |
| 500 | 160 | 275 | 380 | RD 100 V 0.2 | 25.8 | 10 | 10778 |

Sump unit, 500 mm

Specific product information






- Optional NBR lip labyrinth seal (LLS) or moulded HDPE pipe socket for horizontal, liquid-tight pipe connection
- The version with moulded HDPE pipe socket SDR 17.6 is especially suited for installations with national technical approval
- With EN-GJS cast iron Slotted grating
- With integrated plastic sludge basket



Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Pipe connection DN/OD [mm] | Weight [kg] | PU | Item number |
|---------------------------------|------------|-------------|----------------------------------|----------------------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| With LLS pipe connection | | | | | | | |
| 500 | 160 | 525 | 380 | 110 | 55.0 | 6 | 10769 |
| | | | | 160 | 55.0 | 6 | 10772 |

Accessories

| | Description | Suitable for type | Weight [kg] | PU | Item number |
|---|--|--|-------------|----|--------------|
|  | End cap for channel beginning <ul style="list-style-type: none"> ■ Made of polymer concrete (natural) ■ Length 30 mm | <ul style="list-style-type: none"> ■ RD 100 V | 1.9 | 36 | 10781 |
|  | End cap for channel end <ul style="list-style-type: none"> ■ Made of polymer concrete (natural) ■ Length 40 mm | <ul style="list-style-type: none"> ■ RD 100 V | 3.2 | 36 | 10784 |
|  | End cap for channel end (LLS) <ul style="list-style-type: none"> ■ Made of polymer concrete (natural) ■ With integrated lip labyrinth seal (LLS) DN/OD 110 for horizontal, liquid-tight pipe connection ■ Length 40 mm | <ul style="list-style-type: none"> ■ RD 100 V | 2.8 | 36 | 10787 |
|  | Adapter to change flow direction <ul style="list-style-type: none"> ■ Made of polymer concrete (natural) ■ Length: 60 mm | <ul style="list-style-type: none"> ■ RD 100 V | 3.0 | 36 | 10790 |
|  | Grating hook <ul style="list-style-type: none"> ■ For removing cover gratings ■ Galvanised steel | <ul style="list-style-type: none"> ■ Cover gratings | 0.3 | 1 | 01290 |

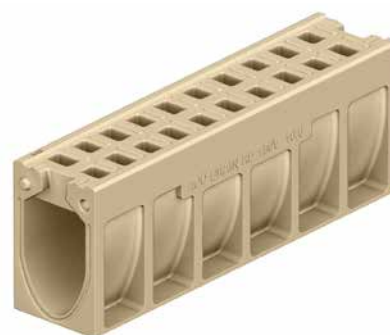
Monocast polymer concrete channel, natural

Product information

ACO product benefits

- Monocast polymer concrete channel anthracite or natural
- V cross-section
- Clear width 15.0 cm
- Maximum load class D 400 - F 900, compliant with EN 1433:2005



- Made of polymer concrete, natural, with additional sealing with a sealant (SF) possible



Order information

| Length [mm] | Dimensions | | Inlet area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|-------------|------------|-------------|---------------------------------|-----------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| 1000 | 210 | 280 | 363 | 0.0 | 66,3 | 1 | 130073 |
| 1000 | 210 | 380 | 363 | 10.0 | 74,9 | 1 | 130074 |
| 1000 | 210 | 480 | 363 | 20.0 | 83,6 | 1 | 130075 |

Accessories

| | Description | Suitable for type | Weight [kg] | PU | Item number |
|---|--|-------------------|-------------|----|-------------|
|  | End cap Monoblock RD 150V ■ made of polymer concrete, natural ■ to close the beginning/end of the channel | ■ 0.0 | 5,2 | 1 | 130085 |
| | | ■ 10.0 | 6,9 | 1 | 130086 |
| | | ■ 20.0 | 8,5 | 1 | 130087 |
|  | End cap with gasket ■ made of polymer concrete, natural ■ ø160 lip labyrinth gasket | ■ 0.0 | 3,8 | 1 | 130088 |
| | | ■ 10.0 | 5,4 | 1 | 130089 |
| | | ■ 20.0 | 7,9 | 1 | 130090 |

Access unit

Specific product information

- Made of polymer concrete, anthracite or natural, with a KTL-coated ductile iron (GGG) grating, load class
- F 900, with the Powerlock® locking spring, possibility of additional sealing with a sealant (SF)



Order information

| Length [mm] | Dimensions | | Inlet area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|-------------|------------|-------------|---------------------------------|-----------------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| 660 | 210 | 280 | 680 | 0.0 ^{1) 2)} | 44,3 | 1 | 130076 |
| 660 | 210 | 380 | 680 | 10.0 ^{1) 2)} | 51,7 | 1 | 130077 |
| 660 | 210 | 480 | 680 | 20.0 ^{1) 2)} | 59,1 | 1 | 130078 |

Access unit with 110 gasket

Specific product information

- Made of polymer concrete, naturaanthracite or natural, with a KTL-coated ductile iron (GGG) grating, load Class F 900, with the Powerlock®
- locking spring, possibility of additional sealing with a sealant (SF)
- ø110 lip labyrinth gasket, for a vertical connection to the sewerage

Order information

| Length [mm] | Dimensions | | Inlet area [cm ² /m] | Type [mm] | Weight [kg] | Parts / pallet [pcs] | Item number |
|-------------|------------|-------------|---------------------------------|--------------------|-------------|----------------------|-------------|
| | Width [mm] | Height [mm] | | | | | |
| 660 | 210 | 280 | 680 | 0.0 ¹⁾ | 43,8 | 1 | 130079 |
| 660 | 210 | 380 | 680 | 10.0 ¹⁾ | 51,1 | 1 | 130080 |
| 660 | 210 | 480 | 680 | 20.0 ¹⁾ | 58,3 | 1 | 130081 |

¹⁾ With side furrows to make angle joints, T-joints and cross-joints.

²⁾ With furrows in the bottom, to make a vertical opening for the ø110 outlet.

Sump units

Specific product information

- Made of polymer concrete, anthracite or natural, as an access unit made of ductile iron (GGG) grating,
- Load class F 900, with a boltless grating locking system, with the safe ACO Drain® (SF) joint, to make Watertight gutter lines



Order information

| Length [mm] | Dimensions | | Inlet area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|-------------|------------|-------------|---------------------------------|---------------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| 660 | 210 | 330 | 935 | Top section 0.0 | 48,0 | 1 | 130082 |
| 660 | 210 | 430 | 935 | Top section 10.0 | 53,0 | 1 | 130083 |
| 660 | 210 | 530 | 935 | Top section 20.0 | 65,0 | 1 | 130084 |
| 500 | 230 | 366 | – | Bottom section ø160 | 26,5 | 1 | 10935 |
| 500 | 230 | 365 | – | Bottom section ø200 | 26,5 | 1 | 10936 |
| | | | | Silt basket | | | 13999 |

Monolithic channel body, natural
Product information
ACO product benefits

- Channel body in monolithic design without adhesive joint, natural
- With ACO DRAIN® safety seam
- With V-profile
- Made of polymer concrete

- Channel system in accordance with EN 1433/DIN 19580
- Nominal width 200 mm
- Load classes D 400 – F 900 ¹⁾
- Pursuant to national technical approval, only moulded HDPE pipe sockets are approved for pipe connections in storage, filling and handling systems
- Delivery time on request for versions with moulded HDPE pipe socket


Channel body without sloping invert, 1000 mm

- Older versions are fully replaced by this new articles 10908N, 10928N

Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Type [mm] | Weight [kg] | PU | Item number |
|-------------|------------|-------------|----------------------------------|---------------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| 1000 | 260 | 330 | 583 | RD 200 V 0.0 (1 m) | 90.0 | 9 | 10908N |
| 1000 | 260 | 530 | 583 | RD 200 V 20.0 (1 m) | 111.0 | 6 | 10928N |

Inspection element, 660 mm

Specific product information

- Optionally available with pre-formed knock-out or vertical, liquid-tight pipe connection
 - Versions with vertical, liquid-tight pipe connection optionally available with lip labyrinth seal (LLS) made of NBR or moulded HDPE pipe socket SDR 17.6
- especially for installations with national technical approval
- With side pre-mouldings for corner, T and cross connections
 - With EN-GJS cast iron Slotted grating



Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Type | Weight [kg] | PU | Item number |
|---|------------|----------------------------|----------------------------------|---------------|-------------|----|-------------|
| | Width [mm] | Height Start / Finish [mm] | | | | | |
| With DN/OD 160 with pre-formed knock-out | | | | | | | |
| 660 | 260 | 330 | 935 | RD 200 V 0.1 | 56.2 | 8 | 10901 |
| | | 530 | 935 | RD 200 V 20.1 | 71.4 | 4 | 10921 |
| With LLS pipe connection DN/OD 160 | | | | | | | |
| 660 | 260 | 330 | 935 | RD 200 V 0.2 | 56.2 | 8 | 10939 |
| | | 530 | 935 | RD 200 V 20. | 70.4 | 8 | 10937 |

Sump unit, 660 mm

Specific product information





- Lower part optionally available with NBR lip labyrinth seal (LLS) or moulded HDPE pipe socket for horizontal, liquid-tight pipe connection
- The version with moulded HDPE pipe socket SDR 17.6 is especially suited for installations with national technical approval
- Upper part with EN-GJS cast iron Slotted grating
- Without sludge bucket



Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Pipe connection DN/OD [mm] | Weight [kg] | PU | Item number |
|--|------------|-------------|----------------------------------|----------------------------|-------------|----|-------------|
| | Width [mm] | Height [mm] | | | | | |
| Upper part 0.0 | | | | | | | |
| 660 | 260 | 360 | 935 | – | 59.9 | 4 | 10902 |
| Upper part 20.0 | | | | | | | |
| 660 | 260 | 560 | 935 | – | 75.9 | 4 | 10922 |
| Lower part with LLS pipe connection | | | | | | | |
| 500 | 230 | 365 | – | 160 | 26.5 | 6 | 10935 |
| | | | | 200 | 26.5 | 6 | 10936 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|--|-------------|-----|---------------|
|  | End cap for channel beginning ■ Made of polymer concrete (natural) ■ Length 84 mm | ■ RD 200 V 0.0 | 7.7 | 30 | 10905 |
| | | ■ RD 200 V 20.0 | 11.7 | 30 | 10925 |
|  | End cap for channel end ■ Made of polymer concrete (natural) ■ Length 70 mm | ■ RD 200 V 0.0 | 9.3 | 30 | 10904 |
| | | ■ RD 200 V 20.0 | 13.7 | 30 | 10924 |
|  | End cap for channel end (LLS) ■ Made of polymer concrete (natural) ■ With integrated lip labyrinth seal (LLS) DN/OD 160 for horizontal, liquid-tight pipe connection ■ Length 70 mm | ■ RD 200 V 0.0 | 7.7 | 30 | 10906 |
| | | ■ RD 200 V 20.0 | 12.7 | 30 | 10926 |
|  | Adapter to change flow direction ■ Made of polymer concrete (natural) ■ Length: 110 mm | ■ RD 200 V 0.0 | 7.4 | 9 | 10907 |
| | | ■ RD 200 V 20.0 | 9.7 | 9 | 10927 |
|  | Adapter laterally to liquid-tight connection on the side of the inspection element ■ Made of polymer concrete (natural) ■ Length: 70 mm | ■ RD 200 V 0.0 | 7.2 | 9 | 10903 |
| | | ■ RD 200 V 20.0 | 9.5 | 9 | 10923 |
|  | Sludge bucket for inlet shaft ■ Galvanised steel | ■ Monoblock RD 200 V inlet shaft combination | 1.9 | 100 | 134092 |
|  | Grating hook ■ For removing cover gratings ■ Galvanised steel | ■ Cover gratings | 0.3 | 1 | 01290 |

Inspection element, 660 mm

Specific product information

- Optionally available with pre-formed knock-out for vertical pipe connection or lip labyrinth seal (LLS) made of NBR for vertical, liquid-tight pipe connection
- With side pre-mouldings for corner, T and cross connections
- With EN-GJS cast iron Slotted grating



Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Type | Weight [kg] | PU | Item number |
|---|------------|-------------|----------------------------------|---------------|-------------|----|---------------|
| | Width [mm] | Height [mm] | | | | | |
| With DN/OD 160 with pre-formed knock-out | | | | | | | |
| 660 | 260 | 330 | 935 | RD 200 V 0.1 | 51.6 | 4 | 130016 |
| | | 530 | | RD 200 V 20.1 | 67.6 | 4 | 130017 |
| With LLS pipe connection DN/OD 160 | | | | | | | |
| 660 | 260 | 330 | 935 | RD 200 V 0.2 | 51.0 | 4 | 130018 |
| | | 530 | | RD 200 V 20.2 | 67.0 | 4 | 130019 |

Sump units, 660 mm

Specific product information

- Lower part with integrated NBR lip labyrinth seal (LLS) for horizontal, liquidtight pipe connection
- Upper part with EN-GJS cast iron ladder grating
- Without sludge bucket



Order information

| Length [mm] | Dimensions | | Intake area [cm ² /m] | Pipe connection DN/OD [mm] | Weight [kg] | PU | Item number |
|--|------------|-------------|----------------------------------|----------------------------|-------------|----|---------------|
| | Width [mm] | Height [mm] | | | | | |
| Upper part 0.0 | | | | | | | |
| 660 | 260 | 360 | 935 | – | 48.0 | 4 | 130022 |
| Upper part 20.0 | | | | | | | |
| 660 | 260 | 560 | 935 | – | 65.0 | 4 | 130023 |
| Lower part with LLS pipe connection | | | | | | | |
| 500 | 230 | 365 | – | 160 | 26.5 | 6 | 10935 |
| | | | | 200 | 26.5 | 6 | 10936 |

Accessories

| | Description | Suitable for | Weight [kg] | PU | Item number |
|---|---|--|-------------|-----|---------------|
|  | End cap for channel beginning ■ Made of polymer concrete (natural) ■ Length 84 mm | ■ RD 200 V 0.0 | 9.0 | 30 | 130008 |
| | | ■ RD 200 V 20.0 | 12.4 | 30 | 130009 |
|  | End cap for channel end ■ Made of polymer concrete (natural) ■ Length 70 mm | ■ RD 200 V 0.0 | 10.0 | 30 | 130010 |
| | | ■ RD 200 V 20.0 | 14.9 | 30 | 130011 |
|  | End cap for channel end (LLS) ■ Made of polymer concrete (natural) ■ With integrated lip labyrinth seal (LLS) DN/OD 160 for horizontal, liquid-tight pipe connection ■ Length 70 mm | ■ RD 200 V 0.0 | 8.5 | 30 | 130012 |
| | | ■ RD 200 V 20.0 | 13.1 | 1 | 130013 |
|  | Adapter to change flow direction ■ Made of polymer concrete (natural) ■ Length: 110 mm | ■ RD 200 V 0.0 | 7.6 | 9 | 130014 |
| | | ■ RD 200 V 20.0 | 9.8 | 9 | 130015 |
|  | Adapter for liquid-tight connection on the side of the inspection element ■ Made of polymer concrete (natural) ■ Length: 70 mm | ■ RD 200 V 0.0 | 8.0 | 1 | 130020 |
| | | ■ RD 200 V 20.0 | 9.8 | 9 | 130021 |
|  | Sludge bucket for inlet shaft ■ Galvanised steel | ■ Monoblock RD 200 V inlet shaft combination | 1.9 | 100 | 134092 |
|  | Grating hook ■ For removing cover gratings ■ Galvanised steel | ■ Cover gratings | 0.3 | 1 | 01290 |

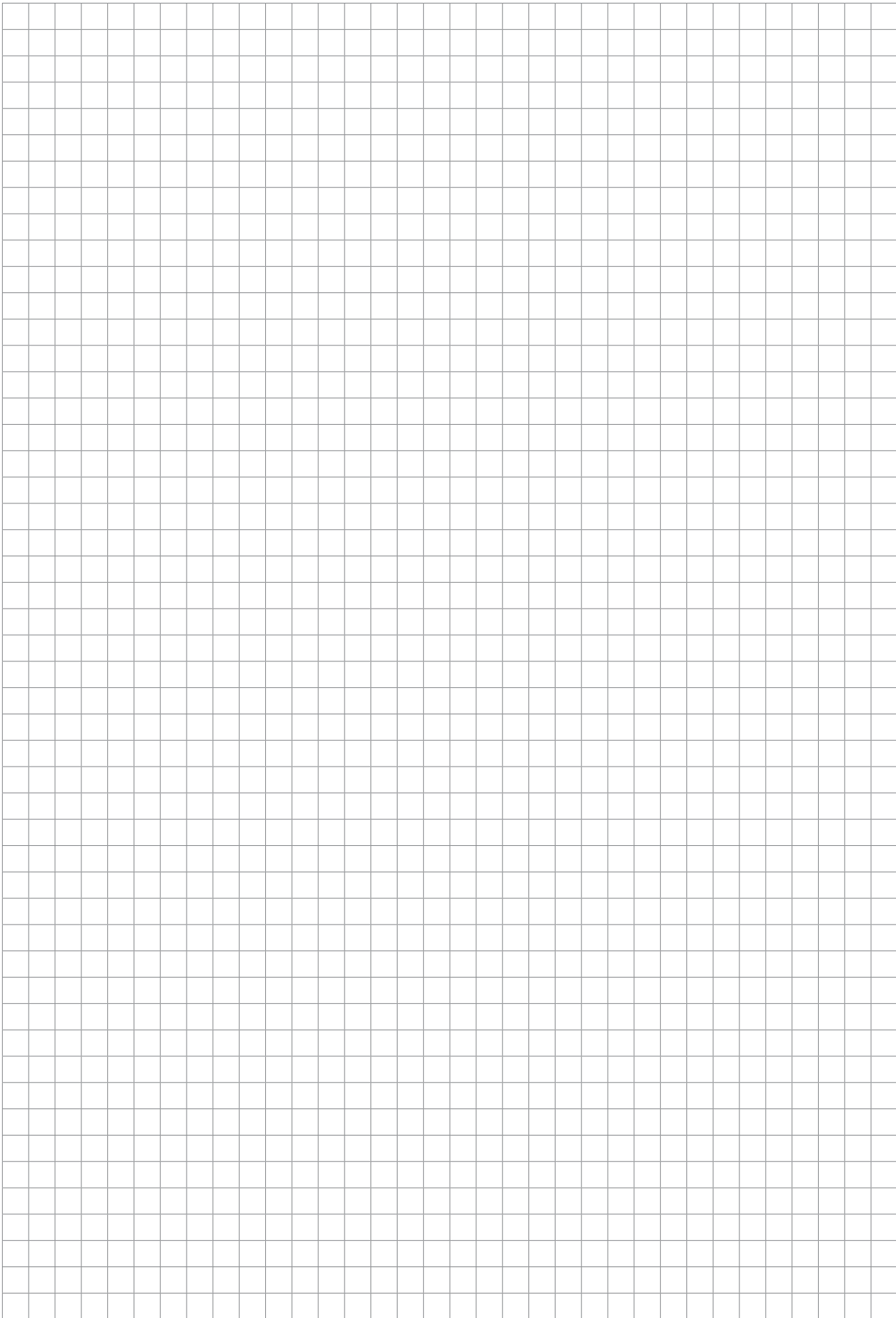
Chemical resistance chart

Polymer concrete, ACO's sustainable high strength material, has a high resistance to dilute acids and alkalis, and are unaffected by road salt, fuel and oil, and other commonly encountered chemicals. Further details of the chemical resistance can be obtained from the ACO Design Services team or, for particular chemicals, samples of the polymer concrete can be supplied to customers for their own testing. The chemical resistance will also depend on the temperature of the effluent. Clean water should not exceed 80 °C. The resistance of the gratings and edge rails should also be considered, and stainless steel gratings and edge rails are available for aesthetically pleasing installations and for specific chemical resistance. This chemical resistance chart refers to chemicals at ambient temperatures (20°C) and the results are for general guidance only.

| Chemical medium | % conc | Resistance: Polyester concrete |
|------------------------|-----------|--------------------------------|
| Acetic acid, glacial | 100 | No |
| Acetic acid | 10 | Yes |
| Acetic anhydride | 100 | No |
| Acetone | 10 | No |
| Acetone | 100 | No |
| Alum | 100 | Yes |
| Aluminium sulphate | 100 | Yes |
| Ammonium chloride | 100 | Yes |
| Ammonium nitrate | 100 | Yes |
| Ammonium phosphate | 65 | Yes |
| Ammonium sulphate | 100 | Yes |
| Aniline (aminobenzene) | 100 | No |
| Barium chloride | 100 | Yes |
| Benzaldehyde | 100 | No |
| Benzene | 100 | No |
| Benzyl alcohol | 100 | Yes |
| Benzyl chloride | 100 | No |
| Borax | 100 | Yes |
| Boric acid | 100 | Yes |
| Bromine | 100 | No |
| Bromine water | Saturated | No |
| Butyl acetate | 100 | No |
| Butyric acid | 100 | Yes |
| Calcium carbonate | 100 | Yes |
| Calcium chloride | 100 | Yes |
| Calcium chlorate | 8 | Yes |
| Calcium hydroxide | 100 | Yes |
| Calcium nitrate | 100 | Yes |
| Carbon disulphide | 100 | No |
| Carbon tetrachloride | 100 | Yes |

| Chemical medium | % conc | Resistance: Polyester concrete |
|--------------------------------|-----------|--------------------------------|
| Castor oil | 100 | Yes |
| Chlorine gas, wet | 100 | No |
| Chlorine water | Saturated | No |
| Chlorobenzene | 100 | Yes |
| Chloroform (trichloro-methane) | 100 | No |
| Chromic acid | 12 | Yes |
| Citric acid | 100 | Yes |
| Copper chloride | 100 | Yes |
| Copper nitrate | 100 | Yes |
| Cyclohexane | 100 | Yes |
| Diesel fuel (DERV) | 100 | Yes |
| Dimethyl formamide | 100 | No |
| Dimethyl phthalate | 100 | Yes |
| Diocetyl phthalate | 100 | Yes |
| Ethanol | 95 | No |
| Ethanolamine | 100 | Yes |
| Ethyl acetate | 100 | No |
| Ethylene glycol | 100 | Yes |
| Ferrous chloride | 100 | Yes |
| Ferric chloride | 100 | Yes |
| Ferrous sulphate | 100 | Yes |
| Formaldehyde | 30 | Yes |
| Formic acid | 10 | Yes |
| Formic acid | 100 | No |
| Fuel oil | 100 | Yes |
| Gasoline | 100 | Yes |
| Glycerine | 100 | Yes |
| Hydrazine | 50 | No |
| Hydrobromic acid | 48 | Yes |
| Hydrochloric acid | 10 | Yes |
| Hydrofluoric acid | 10 | No |
| Hydrogen peroxide | 30 | Yes |
| Lactic acid | 100 | Yes |
| Lead acetate | 100 | Yes |
| Magnesium chloride | 100 | Yes |
| Magnesium sulphate | 100 | Yes |
| Maleic acid | 100 | Yes |
| Methyl ethyl ketone (MEK) | 100 | No |
| Motor oil | 100 | Yes |
| Nickel chloride | 100 | Yes |
| Nickel sulphate | 100 | Yes |
| Nitric acid | 5 | No |
| Nitrobenzine | 100 | No |
| Oleic acid | 100 | Yes |
| Oxalic acid | 100 | Yes |
| Perchloric acid | 10 | Yes |
| Perchloroethylene | 100 | Yes |
| Phosphoric acid | 20 | Yes |
| Phosphorus trichloride | 100 | No |
| Potassium carbonate | 50 | Yes |
| Potassium chloride | 100 | Yes |
| Potassium dichromate | 100 | Yes |

| Chemical medium | % conc | Resistance: Polyester concrete |
|---|-----------|--------------------------------|
| Potassium hydroxide | 10 | Yes |
| Potassium nitrate | 100 | Yes |
| Potassium permanganate | 10 | No |
| Potassium sulphate | 100 | Yes |
| Pyridine | 100 | No |
| Sodium acetate | 100 | Yes |
| Sodium bromide | 100 | Yes |
| Sodium carbonate | 35 | Yes |
| Sodium chlorate | 100 | Yes |
| Sodium chloride | 100 | Yes |
| Sodium hydroxide (caustic soda) | 50 | No |
| Sodium hypochlorite | 18 | No |
| Sodium nitrate | 100 | Yes |
| Sodium nitrite | 100 | Yes |
| Sodium phosphate | 10 | Yes |
| Sodium sulphate | 100 | Yes |
| Sodium sulphide | 100 | Yes |
| Sodium sulphite | 100 | Yes |
| Sodium thiosulphate | 100 | Yes |
| Stearic acid | 100 | Yes |
| Styrene | 100 | No |
| Sulphuric acid | 75 | No |
| Sulphuric acid | 50 | Yes |
| Sulphuric acid at up to 40°C | 10 | Yes |
| Tetachloroethylene | 100 | Yes |
| Thioglycolic acid | 80 | Yes |
| Thionyl chloride | 100 | No |
| Toluene | 100 | Yes |
| Toluene sulphonic acid (aqueous solution) | Saturated | Yes |
| Trichloroacetic acid | 50 | Yes |
| Turpentine | 100 | Yes |
| Water | 100 | Yes |
| Xylene | 100 | Yes |
| Zinc sulphate | 100 | Yes |



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ACO. The future of drainage

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