



ACO product catalogue

ACO tray channel



ACO drainage systems

ACO stainless steel drainage

ACO is one of the world's leading drainage specialists. With 60 years experience gained across a wide range of sectors, we understand the critical role that drainage plays in a successful business and appreciate that what's below the surface can really count.

Our passion for producing high performance products has led us to make major investments in research and development. Working in partnership with commercial facilities owners, managers and operators, we are continuously developing our products and enhancing our expertise.

We are also committed to raising the profile of hygienic drainage throughout the industry to enable asset owners to reduce costs and protect their brands.

Our product portfolio now includes items, which are fully compliant with highest hygienic requirements. Products in this category exceed requirements reserved for food contact surfaces and conform with legal standards used across the world including EN 1253 and differing fire protection requirements. We also have a full understanding of the food industry's own standards such as HACCP and work with bodies including the European Hygienic Engineering and Design Group (EHEDG).

ACO drainage is used in applications anywhere where hygienic, corrosion resistant and durable drainage performance is essential:

- Professional kitchens
- Food procession facilities
- Brewing, bottling and canning plants
- Chilled warehouses
- Laboratories
- Chemical and pharmaceutical industries
- Restaurants
- Schools
- Hospitals
- Hotels

Why stainless steel?

Stainless steel has the following unique advantages:

- Highly corrosion resistant
- Non-porous, easy to clean and disinfect
- Aesthetically pleasing
- Resistant to temperature extremes and thermal shock
- Coefficient of linear expansion similar to concrete
- 100% recyclable material

Drainage is manufactured from austenitic stainless steel grades 1.4301 (304) or 1.4404 (316L) to EN 10088.

Why ACO tray channels?

As the largest producer of stainless steel drainage systems ACO has the knowledge, experience and expertise to offer the optimal drainage solutions for every application. Therefore ACO offers the designer the freedom to choose from a standard range of products as well as custom made solutions to suit any application.

EN 10088	AISI
1.4301	304
1.4404	316L

Surface treatment of stainless steel

The process of cutting, forming and welding of stainless steel will introduce impurities into the surface of the material and unless the appropriate action is taken, the material will begin to corrode and ultimately fail in service. Therefore after fabrication into the final product, it is vital that the stainless steel material is treated with the correct surface treatment to ensure the material is fully corrosion resistant. By applying pickle passivation as the primary surface treatment, the corrosion resistance of stainless steel can be fully restored to its original state, ensuring long and reliable life performance together with the required aesthetic appearance.

Finishes used by ACO include:

Pickle passivation (acid treatment).

All ACO drainage is pickle passivated by immersing them in a series of acid baths. This is a fundamental requirement for removing iron embedded particulates introduced in the fabrication process and also restoring the chromium depleted regions generated by the welding process. ACO has one of the largest and modern pickle passivation installations in Europe which ensures the optimum corrosion resistance of our products.

Electropolishing (electrochemical process)

After pickle passivation, some products are then immersed in an electrolytic fluid in which the products become the anode of a direct current electrical circuit. This process is characterized by the selective attack on the surface of the components whereby upstanding roughness is preferentially dissolved and will yield a progressively smoother, brighter surface. All tray channel grates are electro-polished as standard.



ACO hygienic design

Hygienic design

Products designed with hygiene in mind.

The ACO offers sustainable, integrated drainage systems designed to protect your business and the environment. Our aim is to constantly improve every aspect of safety, hygiene and functional performance. We believe our systems and services are truly unique, delivering unparalleled benefits to everyone involved in project delivery or subsequent operation

ACO hygienic drainage fulfil stringent hygienic requirements to prevent harmful bacteria contamination. We apply relevant hygiene design principles reserved for food contact surfaces EN 1672, EN ISO 14159 and EHEDG document 8 requirements to the channel design.

ACO hygienic design features:

- Fully drainable
- Internal radiuses larger than 3 mm
- No metal to metal contact
- Edge infill
- Minimal slope 1% longitudinal and cross on all areas
- Reinforced bottom for width > 300mm
- Precise outlet diameter for easy and safe connection to the gully body or pipe system
- Special design of outlet allow easy drain of all waste water out of channel

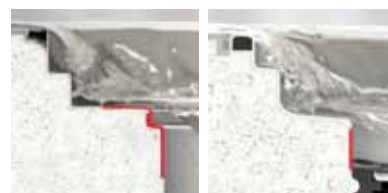
All radiuses larger than 3mm which greatly increases cleaning effectiveness



×

✓

No metal to metal: deep-drawn body ensures smooth contours eliminating crevices that can nest dangerous bacteria



×

✓

Dry sump design, completely drainable - eliminating stagnant water, smells, microbial growth and potential chemical hazards.



×

✓

Edge in-fill ensures stable and durable transmission between the gully and surrounding floor and helps to minimize risk of floor cracks which could harbour microorganism



×

✓

ACO fire protective solution

Fire protection solution

Characteristics

ACO has developed solution which prevents spreading of fire and high temperatures within different building floors where ACO gullies or ACO channels and ACO gullies are installed.

The solution has been tested according to EN 1366-2 Fire resistance tests for service installations and classified according to EN 13501 Fire classification of construction products and building elements. For classification details see chart below.

ACO gully fire protective kit can be used

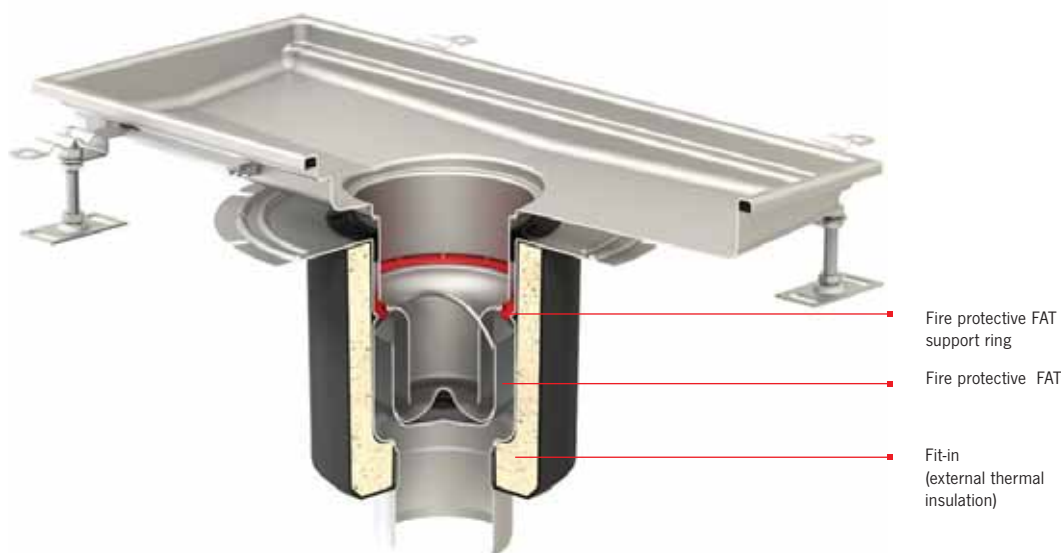
either with telescopic vertical or fixed height vertical ACO gullies 142, ACO gullies 157 and ACO gullies 218 and consist of following items.:

- External protection – Fit in
- Internal protection
 - Fire protective foul air trap
 - Fire protective foul air trap support

This solution has been designed and tested for using in either concrete or aerated concrete ceiling slabs with minimum height of 150 mm.

ACO gullies installed with ACO gully fire protective kit can be connected to any kind of sewerage pipes regardless of its material, e.g. non combustible cast iron drain pipes SML, stainless steel ACO pipes (building material class A1) or plastic drains pipes (building material class B1/B2). All mentioned components of external and internal protection must be used to guarantee correct function of fire protection!

Tested at: PAVUS, a.s. protocol: No. Pr-13-2.061



Gully type	Outlet diameter	Classification
ACO gully 142	75	EI 180
	110	EI 120
ACO gully 157	75	EI 180
	110	EI 120
ACO gully 218	110	EI 180
	160	EI 90

Classification according to EN 13 501, protocol: PK2-11-13-901-C-0

ACO tray channels - system overview

System overview

ACO tray channels are designed to be used in commercial applications where hygiene, durability and performance requirements are paramount. ACO introduces two new channel types that follow requirements of hygienic design and they exceed requirements reserved for food contact surfaces and conform with legal standards used across the world including EN1253 and differing fire protection requirements. ACO tray channels are available in number of different versions featuring different channel volume, flow rates, size and spigot outlet diameter to suit various applications. The floor construction and depth together

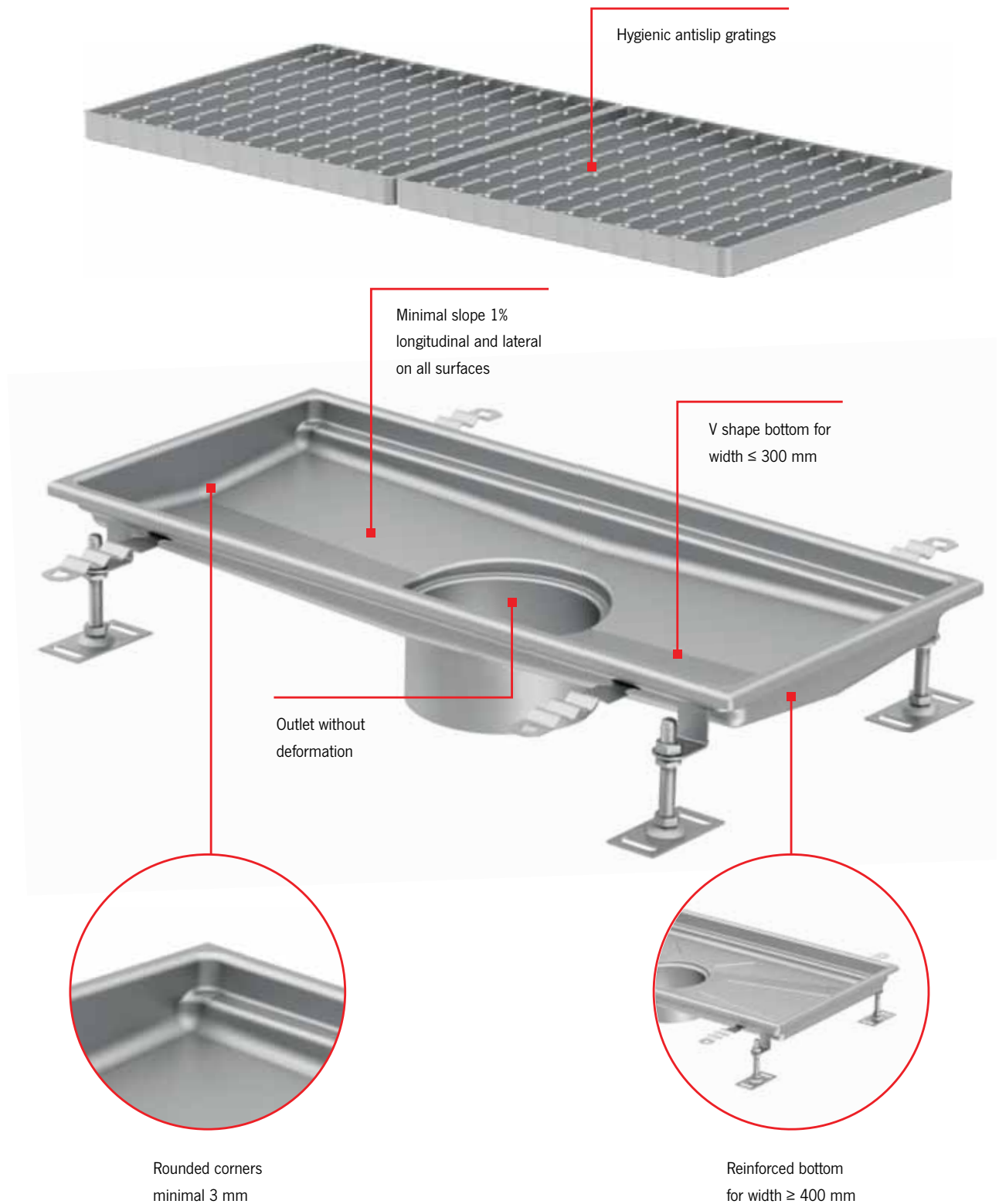
with use of any waterproofing membrane play an important role in selection of the appropriate type of ACO tray channel. ACO offer 2 hygienic tray channel types as shown in the table below.

- **Standard type:** resin floor, concrete floor, tiled floor
- **Vinyl type:** vinyl floor
- **Extended type:** tiled floor
- **Telescopic type:** tiled floor

Channel type	Drawing
Standard type	
Vinyl type	
Extended type	
Telescopic type	

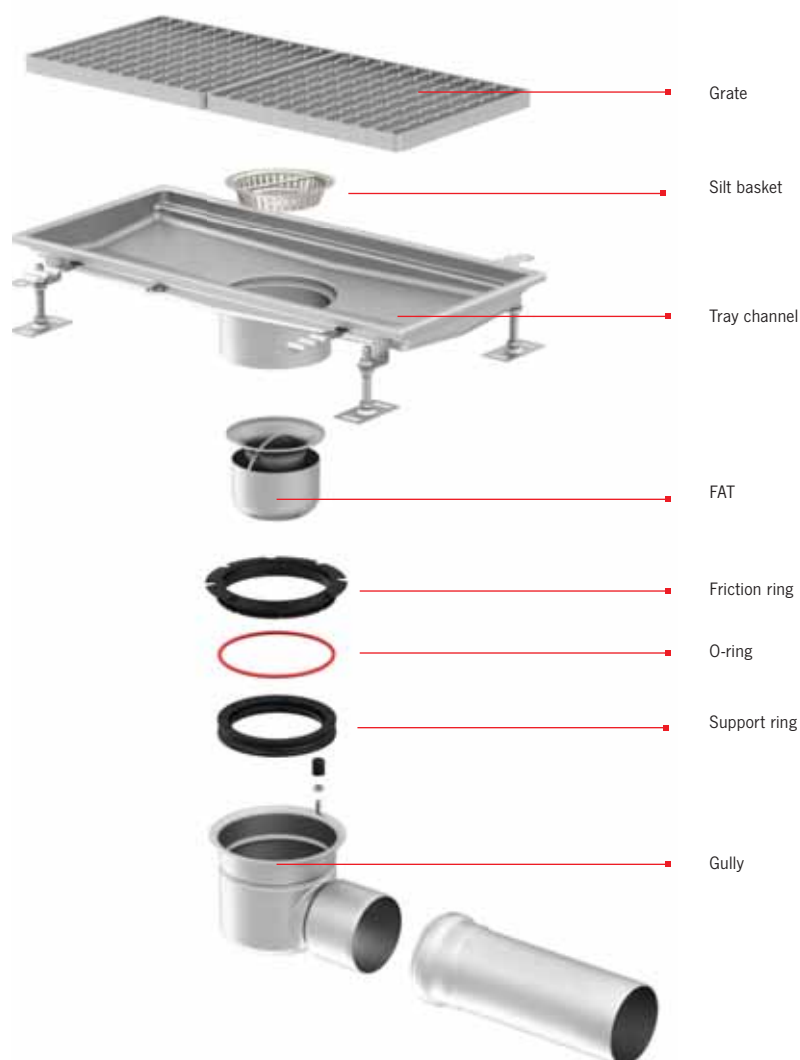
ACO hygienic design

Hygienic design features



ACO tray channels - features

Product features and benefits



Specifier benefits

- Fully complaint to EN 1253
- Stainless steel construction for durability and long life
- Channel edge infill supplied as standard for hygiene and durability
- Four different channel types covering all typical floor installations concrete, resin, tiles, vinyl
- Easy and secure telescopic connection with gully
- Reliable waterproofing membrane connection options
- High flow rate
- Easy to specify system
- Optimal hygienic solution

Installing contractor benefits

- Fully complaint to EN 1253
- Easy and secure telescopic connection with gully
- Reliable waterproofing membrane connection options
- Friction ring converts easily to membrane seepage drainage
- Height adjustable installation with telescopic edge configuration.
- Installation friendly connection of vinyl floor to the channel provided by vinyl edge
- Channel edge infill for durability and eliminates time-consuming back filling

Client benefits

- Hygienic design
- Fully complaint to EN 1253
- Optimal hygienic solution
- Slip resistant gratings available for added user safety
- Easy and low cost cleaning
- Stainless steel construction for durability and long life
- Optional silt basket
- Channel edge infill for hygiene and durability

Fixed height channels

Customized type

- Tray channel welded together with gully is ideal solution with high hygienic requirements.

Vertical outlet



Horizontal outlet



ACO tray channels - tray channel guide

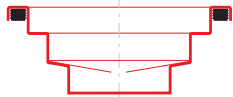
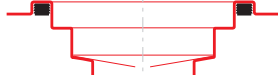
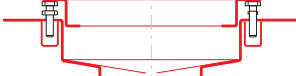
Tray channel guide

This tray channel guide helps the designer to specify appropriate channel for each particular application by following six simple steps.

Step 1

Waterproofing membrane

Using table below, the channel type required will depend on the waterproofing and floor finish details.

Waterproofing	Floor finish	Channel type	Drawing
Waterproofing membrane connected to the gully	Tiled, concrete or resin floor	Standard type	
	Vinyl floor ¹⁾	Vinyl type *	
Waterproofing membrane connected to the tray channel	Tiled floor ²⁾	Extended type	
	Tiled floor ³⁾	Telescopic type *	

1) Vinyl surface could be considered as water proofed floor and therefore additional membrane connection to the gully is optional.

2) If seepage drainage NOT required.

3) If seepage drainage required.

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements not applied.

Step 2

Gully type selection

Second step of tray channel specification is related with volume of the of channel.

Channel volume reflects the maximum amount of water the channel can store at once.

Channel volume is determined by channel size (Width × Length × Height).

Table below is the guide to select channel size (requested channel volume). It defines compatible ACO gully size at the same time.

Channel volume [litres]	Width [mm]	Length [mm]	Height [mm]	Channel outlet [mm]	Compatible gully
0-10	6.3	150	800	60	ACO gully EG 150
	7.8	150	1000	60	
	9.4	150	1200	60	
	11,7	150	1500	60	
0-10	4,7	200	530	60	ACO gully 142
	7,0	200	830	60	
	8,8	200	1030	60	
0-20	10,4	200	1230	60	
	12,8	200	1530	60	
	16,9	200	2030	60	

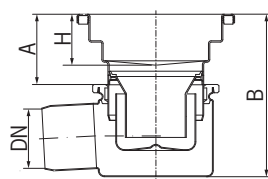
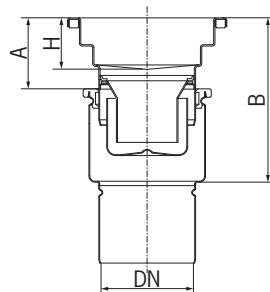
ACO tray channels - tray channel guide

Channel volume [litres]	Width [mm]	Length [mm]	Height [mm]	Channel outlet [mm]	Compatible gully
0-10	4,3	300	330	60	125
	4,7	200	530	60	142
	7,0	200	830	60	142
	8,1	400	430	60	142
	8,6	300	630	60	142
	8,8	200	1030	60	142
10-20	10,4	200	1230	60	142
	12,0	400	630	60	142
	12,7	500	530	60	142
	12,8	200	1530	60	142
	13,9	300	1030	60	142
	15,8	400	830	60	142
20-60	16,9	200	2030	60	142
	20,1	500	830	60	142
	20,7	300	1530	60	142
	24,9	500	1030	60	142
	27,4	300	2030	60	142
	40,8	300	3030	60	142
	54,5	300	4030	60	142
0-10	4,3	300	330	60	200
	8,1	400	430	60	200
	8,6	300	630	60	200
10-20	12,0	400	630	60	200
	12,7	500	530	60	200
	13,9	300	1030	60	200
	15,8	400	830	60	200
20-60	18,4	600	630	60	200
	20,1	500	830	60	200
	20,7	300	1530	60	200
	24,9	500	1030	60	200
	27,3	600	930	60	200
	27,4	300	2030	60	200
	32,9	800	830	60	200
	36,2	600	1230	60	200
	40,8	300	3030	60	200
	54,5	300	4030	60	200

Step 3

Construction heights

ACO gully EG 150



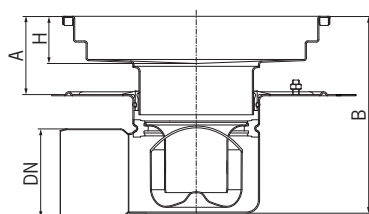
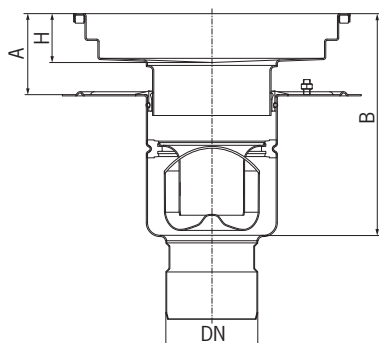
ACO gully EG 150

Horizontal outlet	Channel height (H)
DN 70	60 mm
A min. [mm]	60
A max. [mm]	85
B min. [mm]	165
B max. [mm]	190

ACO gully EG 150

Vertical outlet	Channel height (H)
DN 70 and DN 100	60 mm
A min. [mm]	60
A max. [mm]	85
B min. [mm]	165
B max. [mm]	190

ACO gully 142, 157



	ACO gully 142	ACO gully 157
Horizontal outlet	Channel height (H)	
DN 70	60 mm	
A min. [mm]	75	75
A max. [mm]	115	115
B min. [mm]	185	245
B max. [mm]	225	285

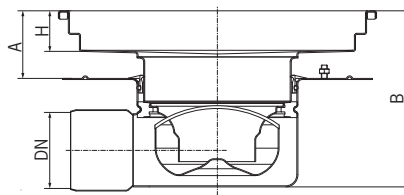
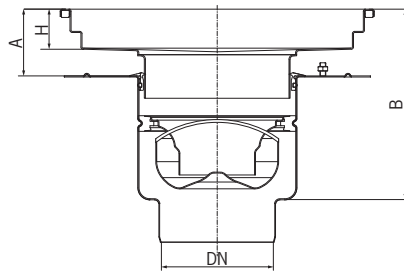
A min. and B min. values can be reduced (without FAT) by 10mm if earth screw is removed

	ACO gully 142	ACO gully 157
Vertical outlet	Channel height (H)	
DN 70 and DN 100	60 mm	
A min. [mm]	85	85
A max. [mm]	115	115
B min. [mm]	194	232
B max. [mm]	224	262

A min. and B min. values can be reduced by 10 mm if earth screw is removed

ACO tray channels - tray channel guide

ACO gully 218



ACO gully 218

Vertical outlet DN 100 and DN 150	Channel height (H)				
	60 mm	80 mm	100 mm	150 mm	200 mm
A min. [mm]	75	95	115	165	215
A max. [mm]	115	135	155	205	255
B min. [mm]	245	265	285	335	385
B max. [mm]	285	305	325	375	425

A min. and B min. values can be reduced by 15 mm if earth screw is removed.

ACO gully 218

Horizontal outlet DN 100	Channel height (H)				
	60 mm	80 mm	100 mm	150 mm	200 mm
A min. [mm]	85	105	125	175	225
A max. [mm]	115	135	155	205	255
B min. [mm]	235	255	275	325	375
B max. [mm]	265	285	305	355	405

A min. and B min. values can be reduced by 15 mm if earth screw is removed and channel outlet spigot shortened. Please be aware that channel outlet pipe shortening affects the A max. and B max. values.

Step 4

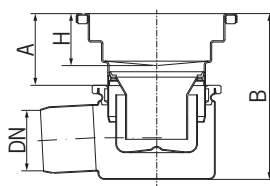
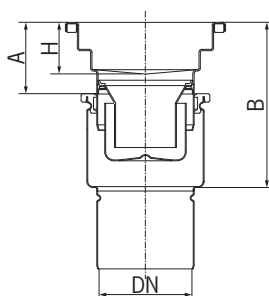
Tray channel flow

Third step of tray channel specification is related with flow rate. Flow rate reflects the channel ability to constantly drain certain amount of water. Flow rate is generally defined by ACO gully size which was specified in Step 2.

Tray channel range is available with different gully sizes:

- ACO gully EG 150
- ACO gully 142
- ACO gully 157
- ACO gully 218

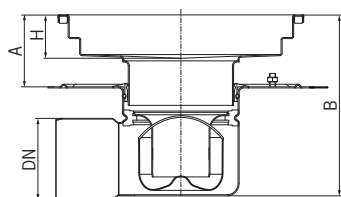
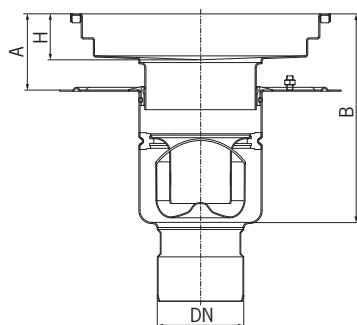
ACO gully EG 150



ACO gully EG 150 Flow rates [l/s]			
H=60 mm			
Gully outlet		A min.	A max.
Vertical	DN 70	1.3	1.5
	DN 100	1.3	1.5
Horizontal	DN 70	1.3	1.5

Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

ACO gully 142, 157

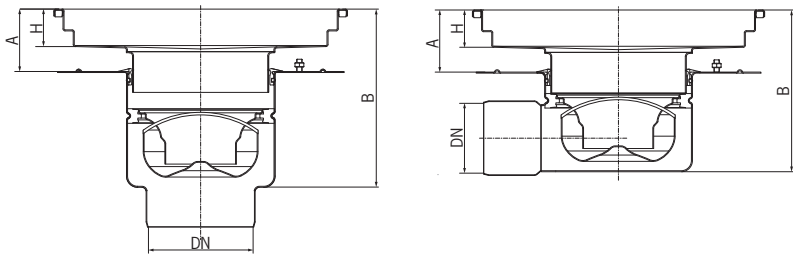


ACO gully 142 Flow rates [l/s]			ACO gully 157 Flow rates [l/s]		
H=60 mm					
Gully outlet		A min.	A max.	A min.	A max.
Vertical	DN 70	1.4	1.7	2.9	3.1
	DN 100	1.6	1.9	3.9	4.2
Horizontal	DN 70	1.4	1.7	2.8	3.1
	DN 100	1.6	1.9	3.2	3.9

Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

ACO tray channels - tray channel guide

ACO gully 218



ACO gully 218		Flow rates [l/s]									
Gully outlet		H=60 mm		H=80 mm		H=100 mm		H=150 mm		H=200 mm	
		A min.	A max.	A min.	A max.	A min.	A max.	A min.	A max.	A min.	A max.
Vertical	DN 100	5.4	5.6	5.6	5.8	5.7	6.0	5.9	6.4	6.4	6.4
	DN 150	5.4	5.6	5.6	5.8	5.7	6.0	5.9	6.4	6.4	6.4
Horizontal	DN 100	4.5	4.7	4.8	4.9	4.9	5.1	5.0	5.6	5.6	6.4

Flow rates measured according to EN 1253. Flow rate performance without silt basket (flow rates with empty silt basket are approximately 15% lower than the values stated)

Step 5

Gully type

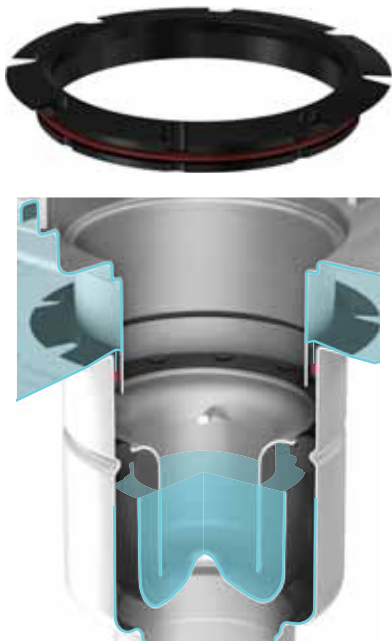
There are two core gully functions.

- Gully provides connection between channel body and foul drainage system. Each channel size has its own ACO gully defined in Step 3.
- Gully works as the odour trap and filtration unit. Odour from foul drainage system is prevented by a fully removable Foul Air Trap (FAT). Filtration of solid parts is provided by fully removable Silt Basket. FAT and Silt basket specification follows in Step 5.

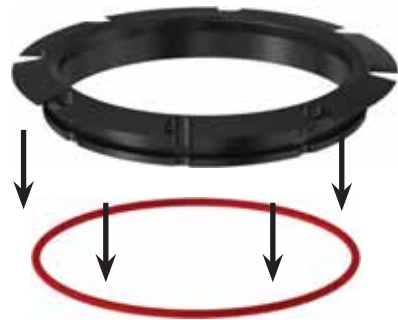
Tray channel gullies offer three basic variations of telescopic connections between the tray channel and gully itself.

- Telescopic connection with location flange
- Telescopic connection with adhesive bonding flange for water proofing
- Telescopic connection with mechanical clamping flange for water proofing

Sealing function

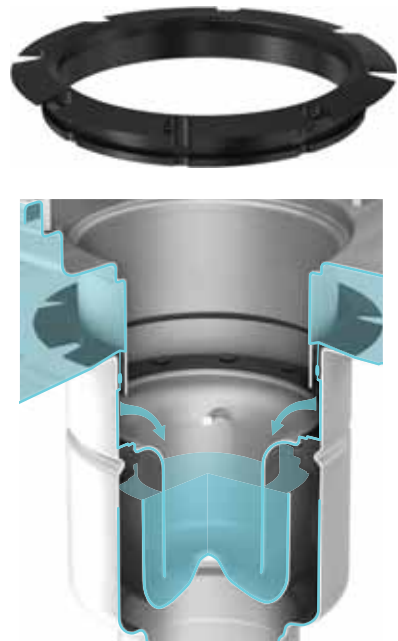


Easy removable sealing ring



Removal of the red O-ring opens the water drainage ways

Drainage function



Telescopic connection WITHOUT flange for water proofing		Telescopic connection WITH flange for water proofing	
ACO gully EG 150	ACO gully 142 ACO gully 157 ACO gully 218 location flange	ACO gully 142 ACO gully 157 ACO gully 218 adhesive bonding flange	ACO gully 142 ACO gully 157 ACO gully 218 mechanical clamping flange
			
No water proofing connection to the gully	- No water proofing connection to the gully - Used in combinations with gully tops or linear drainage channels - Adjustable height and rotation of the gully top - Ideal for applications where final floor height unknown - Suitable for areas where waterproofing is independent of the gully body	- Waterproofing welded or glued to the gully - Waterproofing connection by welding or adhesive bonding - Usable with gully tops or linear drainage channels - Adjustable height and full rotation of the gully top	- Waterproofing mechanically clamped to the gully - Waterproofing connection by mechanical clamping flange - Usable with gully tops or linear drainage channels - Adjustable height and full rotation of the gully top

Step 6

Gully accessories selection

Following accessories are available:

- Foul air trap (FAT)** – blocks the odour coming from foul drainage system
- Foul air trap support** – locates the FAT inside the gully body. Foul air trap support is mandatory if FAT used.
- Silt basket** – filtration of solid parts
- Sieve** – filtration of solid parts (shallow version)
- Friction ring** – provides telescopic connection between tray channel and gully body. Friction ring installation set is mandatory if bonding flange or double clamping flange used.

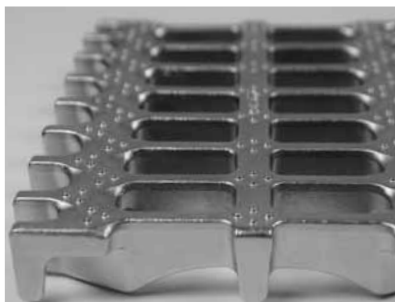
Telescopic connection without flange for water proofing		Telescopic connection with flange for water proofing	
ACO gully EG 150	ACO gully 142	ACO gully 157	ACO gully 218
Accessories delivered as standard with the gully			
	- Friction ring - FAT - FAT support	- Friction ring - FAT - FAT support	- Friction ring - FAT - FAT support
Optional accessories			
- Sieve - FAT with silt basket - FAT	- Silt basket vertical 0.4 l - Silt basket horizontal 0.3 l	- Silt basket vertical 0.6 l - Silt basket horizontal 0.3 l	- Silt basket vertical 1.4 l - Silt basket horizontal 0.7 l

ACO tray channels

Step 7

Grating selection

- Final step of tray channel specification is related with grating selection.
- Cast gratings follow hygienic design principles reserved for food contact surfaces EN 1672 and EN ISO 14159 and are available in different sizes and loading Classes.
- Slip resistant grating:** to be used in all areas where there is an increased risk of accident caused by slipping.
- Plain grating:** to be used in areas with reduced demand for slip resistance for example where trolleys are turning.



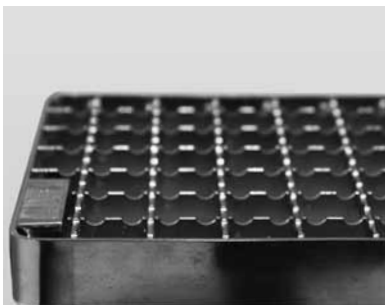
Slip resistant Cast grating

- Ladder gratings follow hygienic design principles reserved for food contact surfaces EN 1672 and EN ISO 14159 and are available in different sizes and loading Classes.



Slip resistant Ladder grating

- Mesh grating with either plain or slip resistant finish.



Slip resistant Mesh grating



Plain Mesh grating

- Grates are designed for Load Class – L 15, R 50 and M 125. Grating size is based on channel body size.

	Cast grating	Ladder grating	Mesh grating		
	Antislip	Antislip	Plain	Antislip	Plain
Hygiene	+++++	++++	++++	+	+
Slip resistance	+++++	++++	+	+++++	+++
Load classes	M 125	R 50, M 125	R 50, M 125	L 15	L 15

Load class L 15, R 50, M 125 according EN 1253-1

+ = 😊

+++++ = 😊



			Page	
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		ACO tray channel - vinyl profile *	30	
		ACO tray channel - telescopic profile *	32	
		gratings - mesh	34	
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		ACO gully 142 - telescopic	38	
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Typical installations	ACO tray channel standard type	gully with adhesive bonding flange (Tiled floor)	52	
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		gully with location flange (Resin floor)	53	
	ACO tray channel vinyl type	gully with location flange (Vinyl floor)		
	ACO tray channel extended type	gully with location flange (Tiled floor)	54	
	ACO tray channel telescopic type	gully with location flange (Tiled floor)		

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements not applied.

Channels - standard profile

Product information

ACO Product benefits

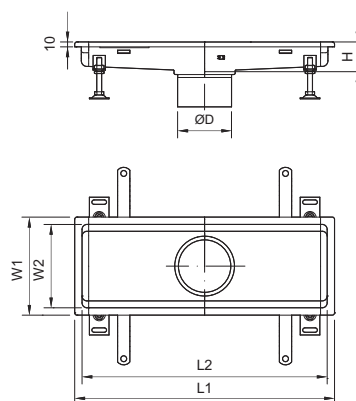
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements:
 - Hygienic antislip gratings
 - Minimal slope 1 % longitudinal and lateral on all surfaces
 - V-shape bottom for width ≤ 300 mm
 - Outlet without deformation
 - Rounded corners minimal 3 mm
 - Reinforced bottom for width ≥ 400 mm

- Gully compliant to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Easy and secure telescopic connection with gully
- Tested and certified according to EN 1253



Order information

Channel dimensions						Gully	Material	Item number
W1 [mm]	W2 [mm]	L1 [mm]	L2 [mm]	H [mm]	D [mm]			
200	170	530	500	60	125	ACO gully 142	1.4301	416584
	170	530	500	60	125		1.4404	416602
	170	830	800	60	125		1.4301	416585
	170	830	800	60	125		1.4404	416603
	170	1030	1000	60	125		1.4301	416586
	170	1030	1000	60	125		1.4404	416604
	170	1230	1200	60	125		1.4301	416587
	170	1230	1200	60	125		1.4404	416605
	170	1530	1500	60	125		1.4301	416588
	170	1530	1500	60	125		1.4404	416606
	170	2030	2000	60	125		1.4301	416589
	170	2030	2000	60	125		1.4404	416607
200	170	530	500	60	142	ACO gully 157	1.4301	416590
	170	530	500	60	142		1.4404	416608
	170	830	800	60	142		1.4301	416591
	170	830	800	60	142		1.4404	416609
	170	1030	1000	60	142		1.4301	416592
	170	1030	1000	60	142		1.4404	416610
	170	1230	1200	60	142		1.4301	416593
	170	1230	1200	60	142		1.4404	416611
	170	1530	1500	60	142		1.4301	416594
	170	1530	1500	60	142		1.4404	416612
	170	2030	2000	60	142		1.4301	416595
	170	2030	2000	60	142		1.4404	416613
300	270	330	300	60	142	ACO gully 157	1.4301	416614
	270	330	300	60	142		1.4404	416628
	270	630	600	60	142		1.4301	416615
	270	630	600	60	142		1.4404	416629
	270	1030	1000	60	142		1.4301	416616
	270	1030	1000	60	142		1.4404	416630
	270	1530	1500	60	142		1.4301	416617
	270	1530	1500	60	142		1.4404	416631
	270	2030	2000	60	142		1.4301	416618
	270	2030	2000	60	142		1.4404	416632
	270	3030	3000	70	142		1.4301	416619
	270	3030	3000	70	142		1.4404	416633
	270	4030	4000	80	142		1.4301	416620
	270	4030	4000	80	142		1.4404	416634



Channel dimensions						Gully	Material	Item number
W1 [mm]	W2 [mm]	L1 [mm]	L2 [mm]	H [mm]	D [mm]			
300	270	330	300	60	200	ACO gully 218	1.4301	416621
	270	330	300	60	200		1.4404	416635
	270	630	600	60	200		1.4301	416622
	270	630	600	60	200		1.4404	416636
	270	1030	1000	60	200		1.4301	416623
	270	1030	1000	60	200		1.4404	416637
	270	1530	1500	60	200		1.4301	416624
	270	1530	1500	60	200		1.4404	416638
	270	2030	2000	60	200		1.4301	416625
	270	2030	2000	60	200		1.4404	416639
	270	3030	3000	70	200		1.4301	416626
	270	3030	3000	70	200		1.4404	416640
	270	4030	4000	80	200		1.4301	416627
	270	4030	4000	80	200		1.4404	416641
400	370	430	400	60	142	ACO gully 157	1.4301	416642
	370	430	400	60	142		1.4404	416648
	370	630	600	60	142		1.4301	416643
	370	630	600	60	142		1.4404	416649
	370	830	800	60	142		1.4301	416644
	370	830	800	60	142		1.4404	416650
400	370	430	400	60	200	ACO gully 218	1.4301	416645
	370	430	400	60	200		1.4404	416651
	370	630	600	60	200		1.4301	416646
	370	630	600	60	200		1.4404	416652
	370	830	800	60	200		1.4301	416647
	370	830	800	60	200		1.4404	416653
500	470	530	500	60	142	ACO gully 157	1.4301	416654
	470	530	500	60	142		1.4404	416660
	470	830	800	60	142		1.4301	416655
	470	830	800	60	142		1.4404	416661
	470	1030	1000	60	142		1.4301	416656
	470	1030	1000	60	142		1.4404	416662
500	470	530	500	60	200	ACO gully 157	1.4301	416657
	470	530	500	60	200		1.4404	416663
	470	830	800	60	200		1.4301	416658
	470	830	800	60	200		1.4404	416664
	470	1030	1000	60	200		1.4301	416659
	470	1030	1000	60	200		1.4404	416665
600	570	630	600	60	200	ACO gully 218	1.4301	416666
	570	630	600	60	200		1.4404	416669
	570	930	900	60	200		1.4301	416667
	570	930	900	60	200		1.4404	416670
	570	1230	1200	60	200		1.4301	416668
	570	1230	1200	60	200		1.4404	416671
800	770	830	800	60	200	ACO gully 218	1.4301	416672
	770	830	800	60	200		1.4301	416673

Channels - extended profile

Product information

ACO Product benefits

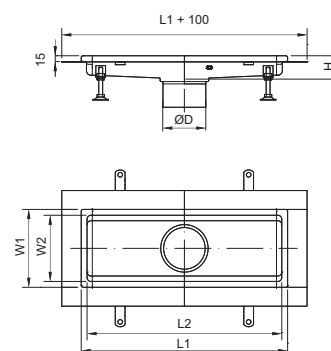
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements:
 - Hygienic antislip gratings
 - Minimal slope 1 % longitudinal and lateral on all surfaces
 - V-shape bottom for width ≤ 300 mm
 - Outlet without deformation
 - Rounded corners minimal 3 mm
 - Reinforced bottom for width ≥ 400 mm

- Fully compliant to EN 1253
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Easy and secure telescopic connection with gully
- Tested and certified according to EN 1253



Order information

Channel dimensions						Gully	Material	Item number
W1 [mm]	W2 [mm]	L1 [mm]	L2 [mm]	H [mm]	D [mm]			
200	170	530	500	60	125	ACO gully 142	1.4301	416680
	170	530	500	60	125		1.4404	416698
	170	830	800	60	125		1.4301	416681
	170	830	800	60	125		1.4404	416699
	170	1030	1000	60	125		1.4301	416682
	170	1030	1000	60	125		1.4404	416700
	170	1230	1200	60	125		1.4301	416683
	170	1230	1200	60	125		1.4404	416701
	170	1530	1500	60	125		1.4301	416684
	170	1530	1500	60	125		1.4404	416702
	170	2030	2000	60	125		1.4301	416685
	170	2030	2000	60	125		1.4404	416703
200	170	530	500	60	142	ACO gully 157	1.4301	416686
	170	530	500	60	142		1.4404	416704
	170	830	800	60	142		1.4301	416687
	170	830	800	60	142		1.4404	416705
	170	1030	1000	60	142		1.4301	416688
	170	1030	1000	60	142		1.4404	416706
	170	1230	1200	60	142		1.4301	416689
	170	1230	1200	60	142		1.4404	416707
	170	1530	1500	60	142		1.4301	416690
	170	1530	1500	60	142		1.4404	416708
	170	2030	2000	60	142		1.4301	416691
	170	2030	2000	60	142		1.4404	416709
300	270	330	300	60	142	ACO gully 157	1.4301	416710
	270	330	300	60	142		1.4404	416724
	270	630	600	60	142		1.4301	416711
	270	630	600	60	142		1.4404	416725
	270	1030	1000	60	142		1.4301	416712
	270	1030	1000	60	142		1.4404	416726
	270	1530	1500	60	142		1.4301	416713
	270	1530	1500	60	142		1.4404	416727
	270	2030	2000	60	142		1.4301	416714
	270	2030	2000	60	142		1.4404	416728
	270	3030	3000	70	142		1.4301	416715
	270	3030	3000	70	142		1.4404	416729
	270	4030	4000	80	142		1.4301	416716
	270	4030	4000	80	142		1.4404	416730



Channel dimensions						Gully	Material	Item number
W1 [mm]	W2 [mm]	L1 [mm]	L2 [mm]	H [mm]	D [mm]			
300	270	330	300	60	200	ACO gully 218	1.4301	416717
	270	330	300	60	200		1.4404	416731
	270	630	600	60	200		1.4301	416718
	270	630	600	60	200		1.4404	416732
	270	1030	1000	60	200		1.4301	416719
	270	1030	1000	60	200		1.4404	416733
	270	1530	1500	60	200		1.4301	416720
	270	1530	1500	60	200		1.4404	416734
	270	2030	2000	60	200		1.4301	416721
	270	2030	2000	60	200		1.4404	416735
	270	3030	3000	70	200		1.4301	416722
	270	3030	3000	70	200		1.4404	416736
	270	4030	4000	80	200		1.4301	416723
	270	4030	4000	80	200		1.4404	416737
400	370	430	400	60	142	ACO gully 157	1.4301	416738
	370	430	400	60	142		1.4404	416744
	370	630	600	60	142		1.4301	416739
	370	630	600	60	142		1.4404	416745
	370	830	800	60	142		1.4301	416740
	370	830	800	60	142		1.4404	416746
400	370	430	400	60	200	ACO gully 218	1.4301	416741
	370	430	400	60	200		1.4404	416747
	370	630	600	60	200		1.4301	416742
	370	630	600	60	200		1.4404	416748
	370	830	800	60	200		1.4301	416743
	370	830	800	60	200		1.4404	416749
500	470	530	500	60	142	ACO gully 157	1.4301	416750
	470	530	500	60	142		1.4404	416756
	470	830	800	60	142		1.4301	416751
	470	830	800	60	142		1.4404	416757
	470	1030	1000	60	142		1.4301	416752
	470	1030	1000	60	142		1.4404	416758
500	470	530	500	60	200	ACO gully 218	1.4301	416753
	470	530	500	60	200		1.4404	416759
	470	830	800	60	200		1.4301	416754
	470	830	800	60	200		1.4404	416760
	470	1030	1000	60	200		1.4301	416755
	470	1030	1000	60	200		1.4404	416761
600	570	630	600	60	200	ACO gully 218	1.4301	416762
	570	630	600	60	200		1.4404	416765
	570	930	900	60	200		1.4301	416763
	570	930	900	60	200		1.4404	416766
	570	1230	1200	60	200		1.4301	416764
	570	1230	1200	60	200		1.4404	416767
800	770	830	800	60	200	ACO gully 218	1.4301	416768
	770	830	800	60	200		1.4404	416769

ACO tray channel - gratings

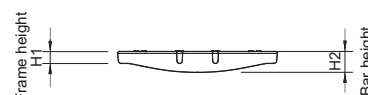
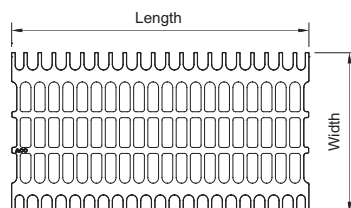
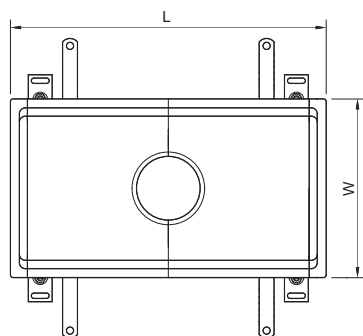
Cast gratings

Specific product information

ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements

- Cast gratings with antislip finish
- Designed for Load Class - M 125



Order information

Channel dimensions		Grating dimensions		Load class	Item number 1.4301
W [mm]	L [mm]	Width [mm]	Length [mm]		
With antislip					
200	530	168	298	M 125	416947
	830	168	499	M 125	416948
300	330	268	398	M 125	416946
	1030	268	499	M 125	416945

Cladding table - Loading class M 125

Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W [mm]	L [mm]	H1 Frame height [mm]	H2 Bar height [mm]	Width [mm]	Length [mm]	Load class			
With antislip									
200	530	20	30	168	498	M 125	1.4301	416947	1
	830	20	30	168	398	M 125	1.4301	416948	2
	1030	20	30	168	498	M 125	1.4301	416947	2
	1230	20	30	168	398	M 125	1.4301	416948	3
	1530	20	30	168	498	M 125	1.4301	416947	3
	2030	20	30	168	498	M 125	1.4301	416947	4
300	330	20	30	268	298	M 125	1.4301	416946	1
	630	20	30	268	298	M 125	1.4301	416946	2
	1030	20	30	268	498	M 125	1.4301	416945	2
	1530	20	30	268	498	M 125	1.4301	416945	3
	2030	20	30	268	498	M 125	1.4301	416945	4
	3030	20	30	268	498	M 125	1.4301	416945	6
	4030	20	30	268	498	M 125	1.4301	416945	8

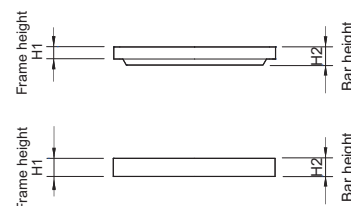
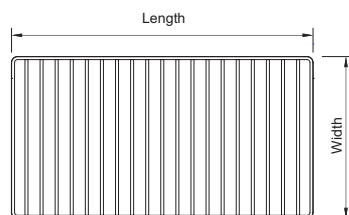
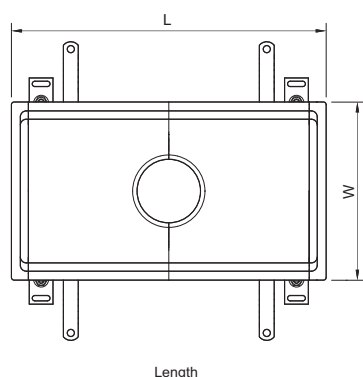
Ladder gratings

Specific product information

ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements

- Ladder gratings with slip resistant finish
- Designed for Load Class - R 50 (version for 5 000 kg) and M 125 according EN 1253
- Surface - electropolished
- High flow capacity of grates
- Rounded corners
- Easy to clean grates = fully welded



Order information

Channel dimensions		Grating dimensions		Load class	Item number	
W [mm]	L [mm]	Width [mm]	Length [mm]		1.4301	1.4404
With antislip						
200	530	168	499	R 50	416802	416803
	830	168	398	R 50	416808	416809
	530	168	499	M 125	416804	416805
	830	168	398	M 125	416810	416811
300	330	268	298	R 50	416812	416813
	1030	268	499	R 50	416814	416815
	330	268	298	M 125	416816	416817
	1030	268	499	M 125	416818	416819
400	430	368	398	R 50	416820	416821
	630	368	598	R 50	416822	416823
	430	368	398	M 125	416824	416825
	630	368	598	M 125	416826	416827
500	530	468	499	R 50	416828	416829
	830	468	398	R 50	416830	416831
	530	468	499	M 125	416832	416833
	830	468	398	M 125	416834	416835
600	630	568	298	R 50	416838	416839
800	830	768	398	R 50	416842	416843

Cladding table - Loading class R50

Channel dimension		Grating dimension				Load class	Material	Item number	Quantity to fill channel
W	L	H1 Frame height [mm]	H2 Bar height [mm]	Width [mm]	Length [mm]				
[mm]	[mm]								
With antislip									
200	530	20	30	168	499	R 50	1.4301	416802	1
							1.4404	416803	
	830	20	30	168	398	R 50	1.4301	416808	2
							1.4404	416809	
	1030	20	30	168	499	R 50	1.4301	416802	2
							1.4404	416803	
	1230	20	30	168	398	R 50	1.4301	416808	3
							1.4404	416809	
	1530	20	30	168	499	R 50	1.4301	416802	3
							1.4404	416803	
	2030	20	30	168	499	R 50	1.4301	416802	4
							1.4404	416803	
300	330	20	30	268	298	R 50	1.4301	416812	1
							1.4404	416813	
	630	20	30	268	298	R 50	1.4301	416812	2
							1.4404	416813	
	1030	20	30	268	499	R 50	1.4301	416814	2
							1.4404	416815	
	1530	20	30	268	499	R 50	1.4301	416814	3
							1.4404	416815	
	2030	20	30	268	499	R 50	1.4301	416814	4
							1.4404	416815	
	3030	20	30	268	499	R 50	1.4301	416814	6
							1.4404	416815	
	4030	20	30	268	499	R 50	1.4301	416814	8
							1.4404	416815	
400	430	30	30	368	398	R 50	1.4301	416820	1
							1.4404	416821	
	630	30	30	368	598	R 50	1.4301	416822	1
							1.4404	416823	
	830	30	30	368	398	R 50	1.4301	416820	2
							1.4404	416821	
500	530	30	30	468	499	R 50	1.4301	416828	1
							1.4404	416829	
	830	30	30	468	398	R 50	1.4301	416830	2
							1.4404	416831	
	1030	30	30	468	499	R 50	1.4301	416828	2
							1.4404	416829	
600	630	30	30	568	298	R 50	1.4301	416838	2
							1.4404	416839	
	930	30	30	568	298	R 50	1.4301	416838	3
							1.4404	416839	
	1230	30	30	568	298	R 50	1.4301	416838	4
							1.4404	416839	
800	830	30	30	768	398	R 50	1.4301	416842	2
							1.4404	416843	

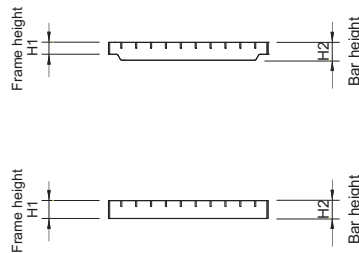
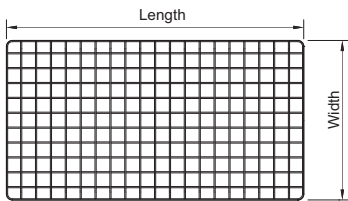
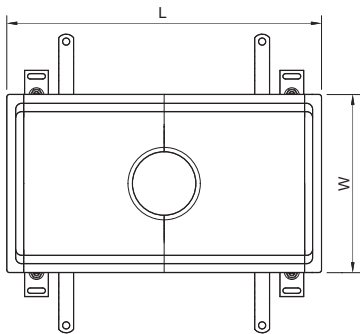
Cladding table - Loading class M 125

Channel dimension		Grating dimension					Material	Item number	Quantity to fill channel
W	L	H1 Frame height [mm]	H2 Bar height [mm]	Width	Length	Load class			
[mm]	[mm]			[mm]	[mm]				
With antislip									
200	530	20	30	168	499	M 125	1.4301	416804	1
							1.4404	416805	
	830	20	30	168	398	M 125	1.4301	416810	2
							1.4404	416811	
	1030	20	30	168	499	M 125	1.4301	416804	2
							1.4404	416805	
	1230	20	30	168	398	M 125	1.4301	416810	3
							1.4404	416811	
	1530	20	30	168	499	M 125	1.4301	416804	3
							1.4404	416805	
	2030	20	30	168	499	M 125	1.4301	416804	4
							1.4404	416805	
300	330	20	30	268	298	M 125	1.4301	416816	1
							1.4404	416817	
	630	20	30	268	298	M 125	1.4301	416816	2
							1.4404	416817	
	1030	20	30	268	499	M 125	1.4301	416818	2
							1.4404	416819	
	1530	20	30	268	499	M 125	1.4301	416818	3
							1.4404	416819	
	2030	20	30	268	499	M 125	1.4301	416818	4
							1.4404	416819	
	3030	20	30	268	499	M 125	1.4301	416818	6
							1.4404	416819	
4030	20	30	268	499	M 125	1.4301	416818	8	
						1.4404	416819		
400	430	30	30	368	398	M 125	1.4301	416824	1
							1.4404	416825	
	630	30	30	368	598	M 125	1.4301	416826	1
							1.4404	416827	
	830	30	30	368	398	M 125	1.4301	416824	2
							1.4404	416825	
500	530	30	30	468	499	M 125	1.4301	416832	1
							1.4404	416833	
	830	30	30	468	398	M 125	1.4301	416834	2
							1.4404	416835	
	1030	30	30	468	499	M 125	1.4301	416832	2
							1.4404	416833	

Mesh gratings

Specific product information

- Mesh gratings with either plain or slip resistant finish
- Designed for Load Class - L 15
- Grating size is based on channel body size
- Please see auxiliary table within every ACO tray channel product page



Order information

Channel dimensions		Grating dimensions			Load class	Item number	
W [mm]	L [mm]	Mesh width [mm]	Width [mm]	Length [mm]		1.4301	1.4404
With antislip							
200	530	30	168	499	L 15	416860	416861
	830	30	168	398	L 15	416862	416863
300	330	30	268	298	L 15	416864	416865
	1030	30	268	499	L 15	416866	416867
400	430	30	368	398	L 15	416868	416869
	630	30	368	598	L 15	416870	416871
500	530	30	468	499	L 15	416872	416873
	830	30	468	398	L 15	416874	416875
600	630	30	568	298	L 15	416876	416877
800	830	30	768	398	L 15	416878	416879

Cladding table - Loading class L 15

Channel dimension		Grating dimension					Load class	Material	Item number	Quantity to fill channel
W	L	H1 Frame height [mm]	H2 Bar height [mm]	Width	Length					
[mm]	[mm]			[mm]	[mm]					
With antislip										
200	530	20	30	168	499	L 15	1.4301	416860	1	
							1.4404	416861		
	830	20	30	168	398	L 15	1.4301	416862	2	
							1.4404	416863		
	1030	20	30	168	499	L 15	1.4301	416860	2	
							1.4404	416861		
	1230	20	30	168	398	L 15	1.4301	416862	3	
							1.4404	416863		
	1530	20	30	168	499	L 15	1.4301	416860	3	
							1.4404	416861		
	2030	20	30	168	499	L 15	1.4301	416860	4	
							1.4404	416861		
300	330	20	30	268	298	L 15	1.4301	416864	1	
							1.4404	416865		
	630	20	30	268	298	L 15	1.4301	416864	2	
							1.4404	416865		
	1030	20	30	268	499	L 15	1.4301	416866	2	
							1.4404	416867		
	1530	20	30	268	499	L 15	1.4301	416866	3	
							1.4404	416867		
	2030	20	30	268	499	L 15	1.4301	416866	4	
							1.4404	416867		
	3030	20	30	268	499	L 15	1.4301	416866	6	
							1.4404	416867		
4030	20	30	268	499	L 15	1.4301	416866	8		
						1.4404	416867			
400	430	30	30	368	398	L 15	1.4301	416868	1	
							1.4404	416869		
	630	30	30	368	598	L 15	1.4301	416870	1	
							1.4404	416871		
	830	30	30	368	398	L 15	1.4301	416868	2	
							1.4404	416869		
500	530	30	30	468	499	L 15	1.4301	416872	1	
							1.4404	416873		
	830	30	30	468	398	L 15	1.4301	416874	2	
							1.4404	416875		
	1030	30	30	468	499	L 15	1.4301	416872	2	
							1.4404	416873		
600	630	30	30	568	298	L 15	1.4301	416876	2	
							1.4404	416877		
	930	30	30	568	298	L 15	1.4301	416876	3	
							1.4404	416877		
	1230	30	30	568	298	L 15	1.4301	416876	4	
							1.4404	416877		
800	830	30	30	768	398	L 15	1.4301	416878	2	
							1.4404	416879		

Channels - vinyl profile

Product information

ACO Product benefits

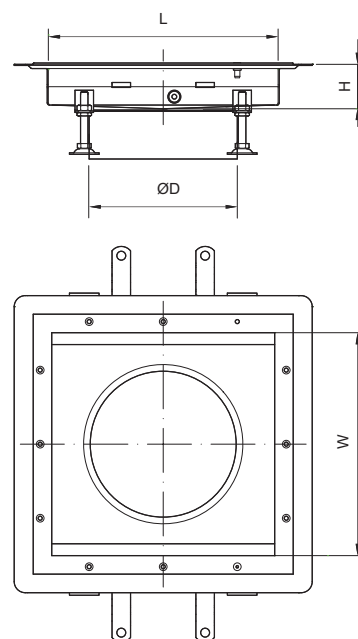
- Fully compliant to EN 1253

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Easy and secure telescopic connection with gully



Order information

Channel dimensions				Gully	Material	Item number
W [mm]	L [mm]	H [mm]	D [mm]			
150	800	60	110	EG 150	1.4301	409302
	800	60	110		1.4404	409502
	900	60	110		1.4301	409306
	900	60	110		1.4404	409506
	1000	60	110		1.4301	409310
	1000	60	110		1.4404	409510
	1100	60	110		1.4301	409314
	1100	60	110		1.4404	409514
	1200	60	110		1.4301	409318
	1200	60	110		1.4404	409518
	1400	60	110		1.4301	409322
	1400	60	110		1.4404	409522
	1500	60	110		1.4301	416017
	1500	60	110		1.4404	416040
150	800	60	142	ACO gully 142	1.4301	415516
	800	60	142		1.4404	415540
	1000	60	142		1.4301	415524
	1000	60	142		1.4404	415548
	1500	60	142		1.4301	416021
	1500	60	142		1.4404	416044
200	500	60	142	ACO gully 142	1.4301	415572
	500	60	142		1.4404	415602
	1000	60	142		1.4301	415581
	1000	60	142		1.4404	415611
	1500	60	142		1.4301	415596
	1500	60	142		1.4404	415626
	2000	60	142		1.4301	415599
	2000	60	142		1.4404	415629



Channel dimensions				Gully	Material	Item number
W [mm]	L [mm]	H [mm]	D [mm]			
300	300	60	200	ACO gully 218	1.4301	409326
	300	60	200		1.4404	409526
	600	60	200		1.4301	409330
	600	60	200		1.4404	409530
	1000	60	200		1.4301	409334
	1000	60	200		1.4404	409534
	1500	60	200		1.4301	409338
	1500	60	200		1.4404	409538
	2000	60	200		1.4301	409342
	2000	60	200		1.4404	409542
	3000	60	200		1.4301	409346
	3000	60	200		1.4404	409546
	4000	80	200		1.4301	409350
	4000	80	200		1.4404	409550
400	400	60	200	ACO gully 218	1.4301	409354
	400	60	200		1.4404	409554
	400	100	200		1.4301	409358
	400	100	200		1.4404	409558
	400	150	200		1.4301	409362
	400	150	200		1.4404	409562
	400	200	200		1.4301	409366
	400	200	200		1.4404	409566
	600	60	200		1.4301	409370
	600	60	200		1.4404	409570
	600	100	200		1.4301	409374
	600	100	200		1.4404	409574
	600	150	200		1.4301	409378
	600	150	200		1.4404	409578
	600	200	200		1.4301	409382
	600	200	200		1.4404	409582
	800	60	200		1.4301	409386
	800	60	200		1.4404	409586
500	500	60	200	ACO gully 218	1.4301	409390
	500	60	200		1.4404	409590
	500	100	200		1.4301	409394
	500	100	200		1.4404	409594
	800	60	200		1.4301	109398
	800	60	200		1.4404	409598
	800	150	200		1.4301	409402
	800	150	200		1.4404	409602
	1000	60	200		1.4301	109406
	1000	60	200		1.4404	409606
	1000	150	200		1.4301	409410
	1000	150	200		1.4404	409610
600	600	60	200	ACO gully 218	1.4301	409414
	600	60	200		1.4404	409614
	900	60	200		1.4301	409418
	900	60	200		1.4404	409618
	900	150	200		1.4301	409422
	900	150	200		1.4404	409622
	900	200	200		1.4301	409426
	900	200	200		1.4404	409626
	1200	60	200		1.4301	409430
	1200	60	200		1.4404	409630
800	800	60	200	ACO gully 218	1.4301	409434
	800	60	200		1.4404	409634

Channels - telescopic profile

Product information

ACO Product benefits

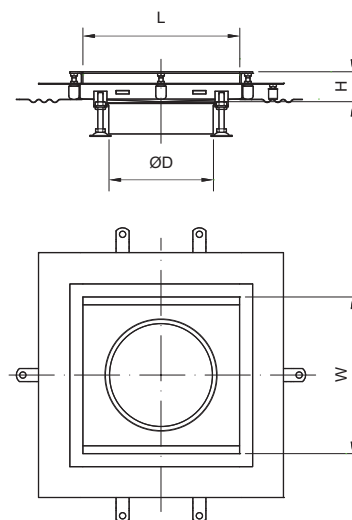
- Fully compliant to EN 1253

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Easy and secure telescopic connection with gully



Order information

Channel dimensions				Gully	Material	Item number
W [mm]	L [mm]	H [mm]	D [mm]			
150	800	60	110	EG 150	1.4301	409303
	800	60	110		1.4404	409503
	900	60	110		1.4301	409307
	900	60	110		1.4404	409507
	1000	60	110		1.4301	409311
	1000	60	110		1.4404	409511
	1100	60	110		1.4301	409315
	1100	60	110		1.4404	409515
	1200	60	110		1.4301	409319
	1200	60	110		1.4404	409519
	1400	60	110		1.4301	409323
	1400	60	110		1.4404	409523
	1500	60	110		1.4301	416018
	1500	60	110		1.4404	416041
150	800	60	142	ACO gully 142	1.4301	415518
	800	60	142		1.4404	415542
	1000	60	142		1.4301	415526
	1000	60	142		1.4404	415550
	1500	60	142		1.4301	416022
	1500	60	142		1.4404	416045
200	500	60	142	ACO gully 142	1.4301	415574
	500	60	142		1.4404	415604
	1000	60	142		1.4301	415583
	1000	60	142		1.4404	415613
	1500	60	142		1.4301	415598
	1500	60	142		1.4404	415628
	2000	60	142		1.4301	415601
	2000	60	142		1.4404	415631
300	300	60	200	ACO gully 218	1.4301	409327
	300	60	200		1.4404	409527
	600	60	200		1.4301	409331
	600	60	200		1.4404	409531
	1000	60	200		1.4301	409335
	1000	60	200		1.4404	409535
	1500	60	200		1.4301	409339
	1500	60	200		1.4404	409539
	2000	60	200		1.4301	409343
	2000	60	200		1.4404	409543
	3000	60	200		1.4301	409347
	3000	60	200		1.4404	409547
	4000	80	200		1.4301	409351
	4000	80	200		1.4404	409551



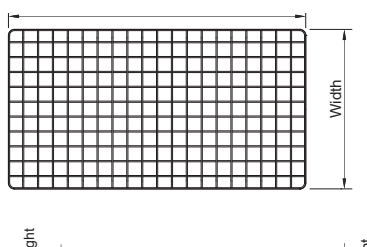
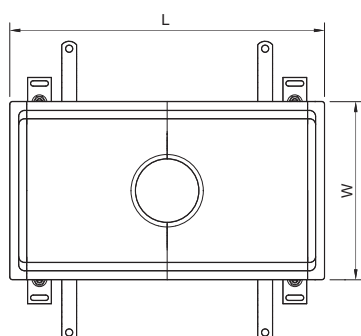
Channel dimensions				Gully	Material	Item number
W [mm]	L [mm]	H [mm]	D [mm]			
400	400	60	200	ACO gully 218	1.4301	409355
	400	60	200		1.4404	409555
	400	100	200		1.4301	409359
	400	100	200		1.4404	409559
	400	150	200		1.4301	409363
	400	150	200		1.4404	409563
	400	200	200		1.4301	409367
	400	200	200		1.4404	409567
	600	60	200		1.4301	409371
	600	60	200		1.4404	409571
	600	100	200		1.4301	409375
	600	100	200		1.4404	409575
	600	150	200		1.4301	409379
	600	150	200		1.4404	409579
	600	200	200		1.4301	409383
	600	200	200		1.4404	409583
	600	60	200		1.4301	409387
	600	60	200		1.4404	409587
500	800	60	200	ACO gully 218	1.4301	409391
	800	60	200		1.4404	409591
	1000	100	200		1.4301	409395
	1000	100	200		1.4404	409595
	1500	60	200		1.4301	409399
	1500	60	200		1.4404	409599
	500	150	200		1.4301	409403
	500	150	200		1.4404	409603
	1000	60	200		1.4301	409407
	1000	60	200		1.4404	409607
	1500	150	200		1.4301	409411
	1500	150	200		1.4404	409611
600	600	60	200	ACO gully 218	1.4301	409415
	600	60	200		1.4404	409615
	900	60	200		1.4301	409419
	900	60	200		1.4404	409619
	900	150	200		1.4301	409423
	900	150	200		1.4404	409623
	900	200	200		1.4301	409427
	900	200	200		1.4404	409627
	1000	60	200		1.4301	409431
	1000	60	200		1.4404	409631
800	800	60	200	ACO gully 218	1.4301	409435
	800	60	200		1.4404	409635

ACO tray channel - gratings

Mesh gratings

Specific product information

- Mesh gratings with either plain or slip resistant finish
- Designed for Load Class - L15
- Grating size is based on channel body size
- Please see auxiliary table within every ACO tray channel product page
- Mesh size 23 x 23 mm



Order information

Channel dimensions		Grating dimensions			Load class	Item number	
W [mm]	L [mm]	Load bar [mm]	Width [mm]	Length [mm]		1.4301	1.4404
With antislip							
150	800	30 x 2	148	398	L 15	414100	414150
	1000	30 x 2	148	498	L 15	414104	414154
200	500	30 x 2	198	498	L 15	92200	92250
	800	30 x 2	198	398	L 15	414473	414474
	900	30 x 2	198	448	L 15	414477	414478
	1100	30 x 2	198	298	L 15	414481	414482
300	300	30 x 2	298	298	L 15	414108	414158
	1000	30 x 2	298	498	L 15	414112	414162
400	400	30 x 2	398	398	L 15	414114	414164
	600	30 x 2	398	598	L 15	414116	414166
500	500	30 x 2	498	498	L 15	414118	414168
	800	30 x 2	498	798	L 15	414120	414170
600	600	30 x 2	598	598	L 15	414122	414172
	900	30 x 2	598	448	L 15	414173	414174
	1200	30 x 2	598	398	L 15	414126	414176
800	800	30 x 3	798	398	L 15	414128	414178
Without antislip							
150	800	30 x 2	148	398	L 15	414101	414151
	900	30 x 2	148	448	L 15	414103	414153
	1000	30 x 2	148	498	L 15	414105	414155
	1100	30 x 2	148	298	L 15	414107	414157

Channel dimensions		Grating dimensions			Load class	Item number	
W [mm]	L [mm]	Load bar [mm]	Width [mm]	Length [mm]		1.4301	1.4404
Without antislip							
200	500	30 x 2	198	498	L 15	92207	92257
	800	30 x 2	198	398	L 15	414475	414476
	900	30 x 2	198	448	L 15	414479	414480
	1100	30 x 2	198	298	L 15	414483	414484
300	300	30 x 2	298	298	L 15	414109	414159
	600	30 x 2	298	598	L 15	414111	414161
	1000	30 x 2	298	498	L 15	414113	414163
400	400	30 x 2	398	398	L 15	414115	414165
	600	30 x 2	398	598	L 15	414117	414167
500	500	30 x 2	498	498	L 15	414119	414169
	800	30 x 2	498	798	L 15	414121	414171
600	600	30 x 2	598	598	L 15	414123	414173
	900	30 x 2	598	448	L 15	414125	414175
	1200	30 x 2	598	398	L 15	414127	414177
800	800	30 x 3	798	398	L 15	414129	414179

ACO gully EG 150 –telescopic – vertical outlet

Product information

ACO Product benefits

- Stainless steel construction for durability and long life
- Fully removable stainless steel FAT



Order information

	Flange design	Material	Item number
	Without flange *	1.4301	405066
		1.4404	402663
	Without flange *	1.4301	408805
		1.4404	408312

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements not applied.

ACO gully EG 150 – telescopic – horizontal outlet

Product information

ACO Product benefits

■

Stainless steel construction for durability and long life

■

Fully removable stainless steel FAT



Order information

	Flange design	Material	Item number
	Without flange *	1.4301	406677
		1.4404	405311

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements not applied.

ACO gully 142 – telescopic – vertical outlet

Product information

ACO Product benefits

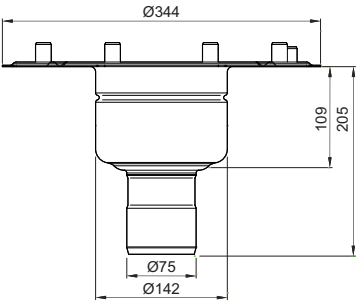
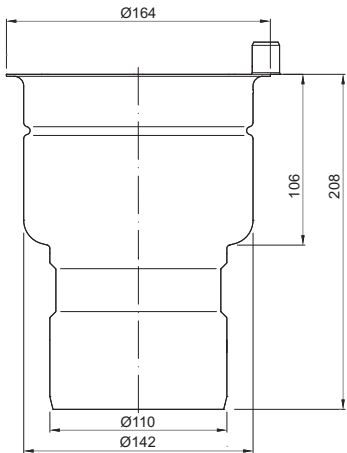
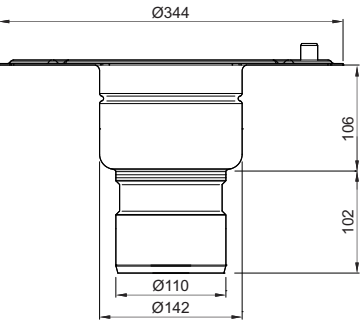
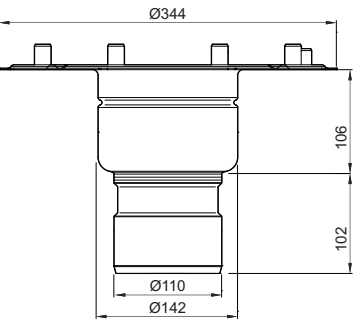
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to Load Class L 15 – M 125 (EN 1253) including antislip solution
- Fully removable stainless steel FAT
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Fully removable and easily cleaned stainless steel foul air trap (FAT)
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Telescopic friction ring included
- Tested and certified according to EN 1253



Order information

	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	414708
			1.4404	414808
		With	1.4301	414709
			1.4404	414809
	With adhesive bonding flange	Without	1.4301	414710
			1.4404	414810
		With	1.4301	414711
			1.4404	414811

	Flange design	Foul air trap	Material	Item number
	With mechanical clamping flange	Without	1.4301	414712
			1.4404	414812
		With	1.4301	414713
			1.4404	414813
	With location flange	Without	1.4301	414714
			1.4404	414814
		With	1.4301	414715
			1.4404	414815
	With adhesive bonding flange	Without	1.4301	414716
			1.4404	414816
		With	1.4301	414717
			1.4404	414817
	With mechanical clamping flange	Without	1.4301	414718
			1.4404	414818
		With	1.4301	414719
			1.4404	414819

ACO gully 142 – telescopic – horizontal outlet

Product information

ACO Product benefits

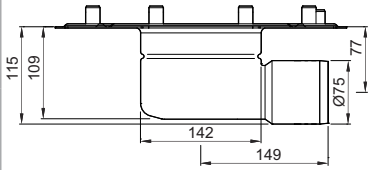
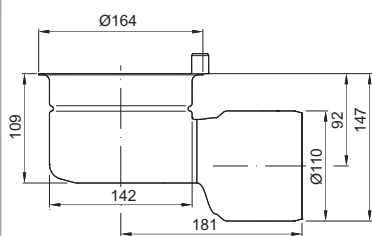
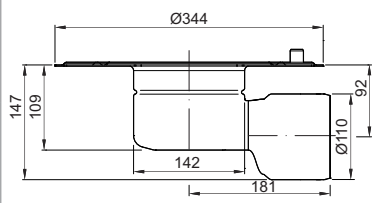
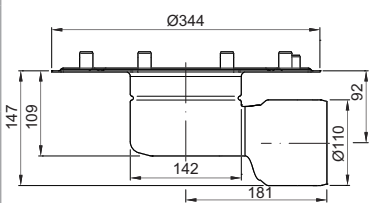
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Suitable for all floor types including vinyl flooring
- Wide range of gratings to Load Class L 15 – M 125 (EN 1253) including antislip solution
- Fully removable stainless steel FAT

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Telescopic friction ring included
- Tested and certified according to EN 1253



Order information

	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	414720
			1.4404	414820
		With	1.4301	414721
			1.4404	414821
	With adhesive bonding flange	Without	1.4301	414722
			1.4404	414822
		With	1.4301	414723
			1.4404	414823

	Flange design	Foul air trap	Material	Item number
	With mechanical clamping flange	Without	1.4301	414724
			1.4404	414824
		With	1.4301	414725
			1.4404	414825
	With location flange	Without	1.4301	414726
			1.4404	414826
		With	1.4301	414727
			1.4404	414827
	With adhesive bonding flange	Without	1.4301	414728
			1.4404	414828
		With	1.4301	414729
			1.4404	414829
	With mechanical clamping flange	Without	1.4301	414730
			1.4404	414830
		With	1.4301	414731
			1.4404	414831

ACO gully 157 – telescopic – vertical outlet

Product information

ACO Product benefits

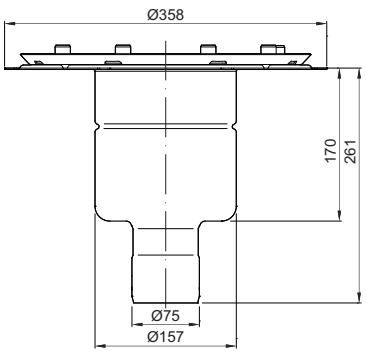
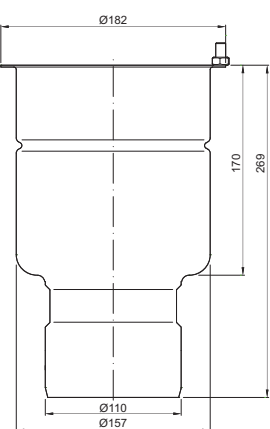
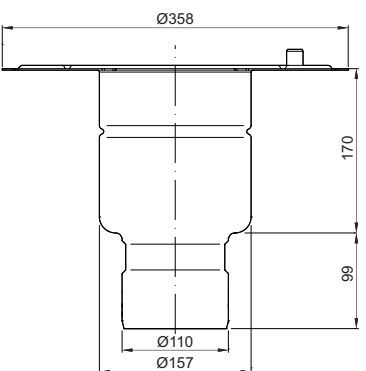
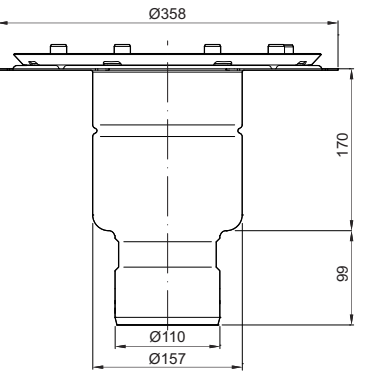
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to Load Class L 15 – M 125 (EN 1253) including antislip solution
- Suitable for all floor types including vinyl flooring
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501-2)

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Telescopic friction ring included
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Tested and certified according to EN 1253



Order information

	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	408048
			1.4404	408148
		With	1.4301	408049
			1.4404	408149
	With adhesive bonding flange	Without	1.4301	408050
			1.4404	408150
		With	1.4301	408051
			1.4404	408151

	Flange design	Foul air trap	Material	Item number
	With mechanical clamping flange	Without	1.4301	408052
			1.4404	408152
		With	1.4301	408053
			1.4404	408153
	With location flange	Without	1.4301	408054
			1.4404	408154
		With	1.4301	408055
			1.4404	408155
	With adhesive bonding flange	Without	1.4301	408056
			1.4404	408156
		With	1.4301	408057
			1.4404	408157
	With mechanical clamping flange	Without	1.4301	408058
			1.4404	408158
		With	1.4301	408059
			1.4404	408159

ACO gully 157 – telescopic – horizontal outlet

Product information

ACO Product benefits

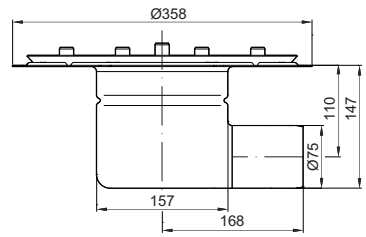
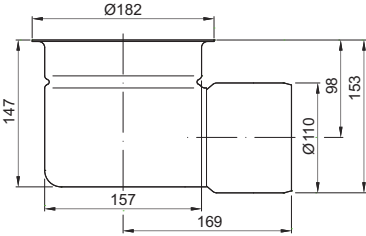
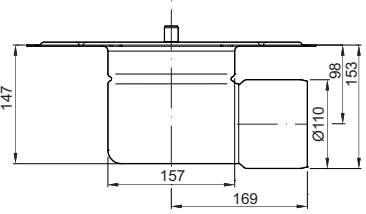
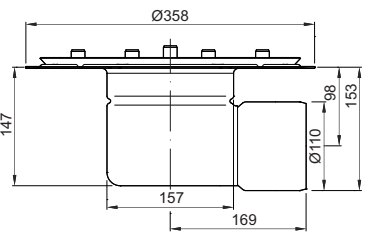
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Wide range of gratings to Load Class L 15 – M 125 (EN 1253) including antislip solution
- Suitable for all floor types including vinyl flooring

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Outlet diameter DN 70/DN 100 (75 mm or 110 mm OD)
- Telescopic friction ring included
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Tested and certified according to EN 1253



Order information

	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	408072
			1.4404	408172
		With	1.4301	408073
			1.4404	408173
	With adhesive bonding flange	Without	1.4301	408074
			1.4404	408174
		With	1.4301	408075
			1.4404	408175

	Flange design	Foul air trap	Material	Item number
	With mechanical clamping flange	Without	1.4301	408076
			1.4404	408176
		With	1.4301	408077
			1.4404	408177
	With location flange	Without	1.4301	408078
			1.4404	408178
		With	1.4301	408079
			1.4404	408179
	With adhesive bonding flange	Without	1.4301	408080
			1.4404	408180
		With	1.4301	408081
			1.4404	408181
	With mechanical clamping flange	Without	1.4301	408082
			1.4404	408182
		With	1.4301	408083
			1.4404	408183

ACO gully 218 – telescopic – vertical outlet

Product information

ACO Product benefits

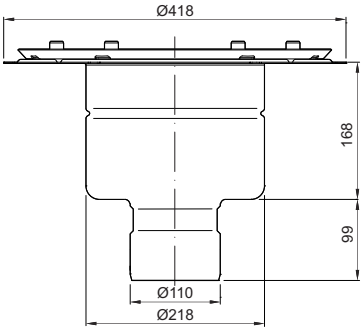
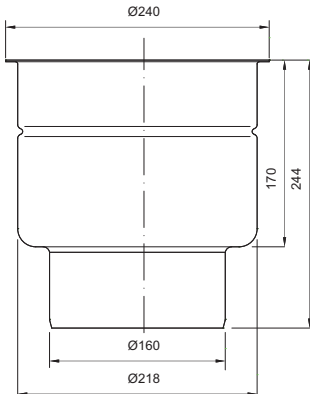
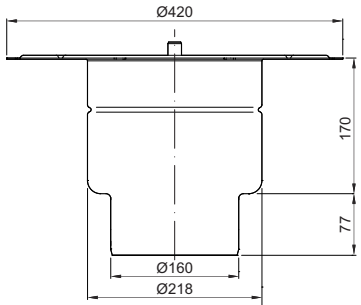
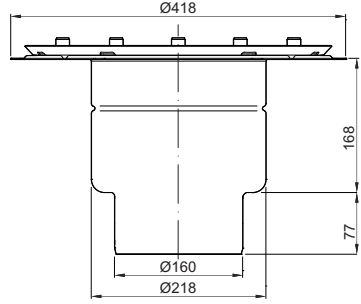
- Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements
- Stainless steel construction for durability and long life
- Suitable for all floor types including vinyl flooring
- Wide range of gratings to Load Class L 15 – M 125 (EN 1253) including antislip solution
- Fully removable stainless steel FAT
- Fire tested and certified solution available for classes EI 90 – EI 180 (EN 13 501)

- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Outlet diameter DN 100/DN 150 (110 mm or 160 mm OD)
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Telescopic friction ring included



Order information

	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	408060
			1.4404	408160
		With	1.4301	408061
			1.4404	408161
	With adhesive bonding flange	Without	1.4301	408062
			1.4404	408162
		With	1.4301	408063
			1.4404	408163

	Flange design	Foul air trap	Material	Item number
	With clamping flange	Without	1.4301	408064
			1.4404	408164
		With	1.4301	408065
			1.4404	408165
	With location flange	Without	1.4301	408066
			1.4404	408166
		With	1.4301	408067
			1.4404	408167
	With adhesive flange	Without	1.4301	408068
			1.4404	408168
		With	1.4301	408069
			1.4404	408169
	With clamping flange	Without	1.4301	408070
			1.4404	408170
		With	1.4301	408071
			1.4404	408171

ACO gully 218 – telescopic – horizontal outlet

Product information

ACO Product benefits

- Hygienic design following EN 1672, EN ISO 14159 and EHEDG dokument 8 requirements
- Stainless steel construction for durability and long life
- Suitable for all floor types including vinyl flooring
- Wide range of gratings to Load Class L 15 – M 125 (EN 1253) including antislip solution
- Fully removable stainless steel FAT

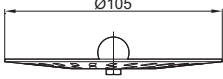
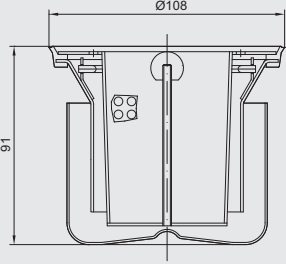
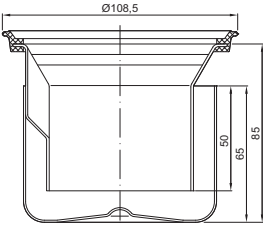
- Available in 1.4301 (304) or 1.4404 (316L) grades of stainless steel
- Outlet diameter DN 100/DN 150 (110 mm or 160 mm OD)
- Gully body with location flange or integrated membrane flange for either adhesive bonding or mechanical clamp
- Tested and certified according to EN 1253



Order information

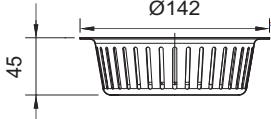
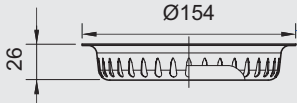
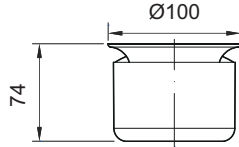
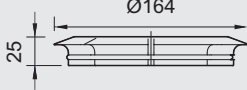
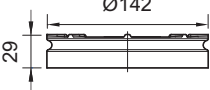
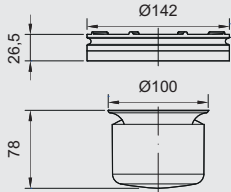
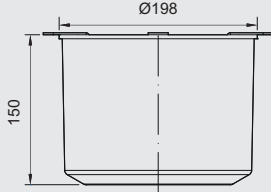
	Flange design	Foul air trap	Material	Item number
	With location flange	Without	1.4301	408084
			1.4404	408184
		With	1.4301	408085
			1.4404	408185
	With adhesive bonding flange	Without	1.4301	408086
			1.4404	408186
		With	1.4301	408087
			1.4404	408187
	With mechanical clamping flange	Without	1.4301	408088
			1.4404	408188
		With	1.4301	408089
			1.4404	408189

Accessories - ACO gully EG 150

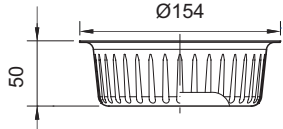
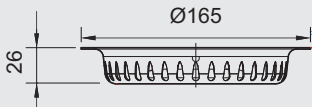
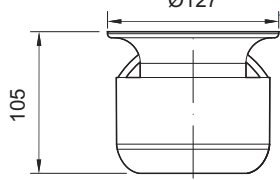
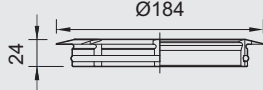
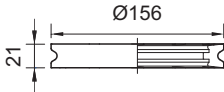
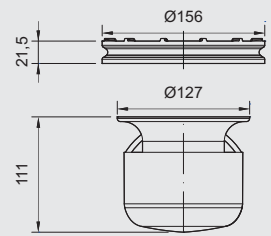
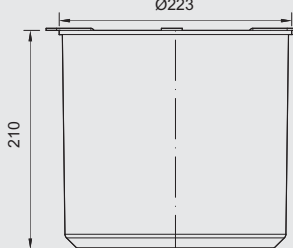
	Description	Used with	Item number
	Sieve (for outlet 110 mm) ■ Stainless steel	*	
	☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Vinyl ☐ Telescopic	97235 97285
	Foul air trap + silt basket (for outlet 110 mm) ■ Stainless steel	*	
	☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Vinyl ☐ Telescopic	405065 403633
	Foul air trap ■ Stainless steel	*	
	☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Vinyl ☐ Telescopic	97217 97267

* Hygienic design following EN 1672, EN ISO 14159 and EHEDG document 8 requirements not applied.

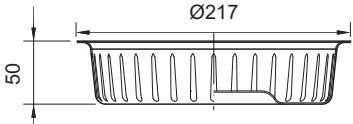
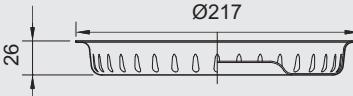
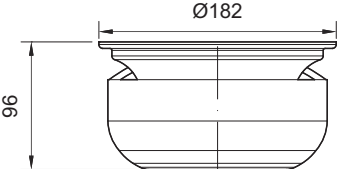
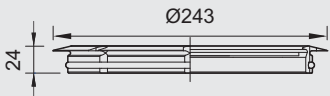
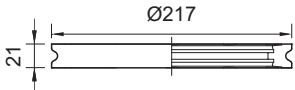
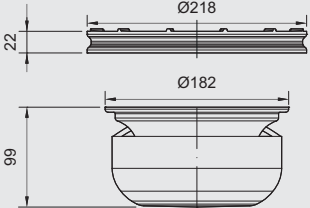
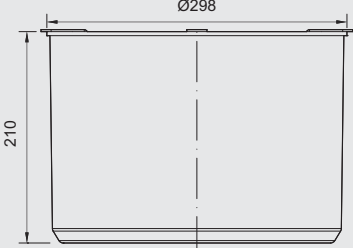
Accessories - ACO gully 142

	Description	Used with	Item number
	Silt basket ■ Stainless steel ■ 0,4 litre capacity ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 142 ☐ Telescopic	416900 416901
	Silt basket ■ Stainless steel ■ 0,3 litre capacity ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel standard profile ■ ACO tray channel extended profile ■ ACO gully 142 ☐ Fixed height ☐ Telescopic	416902 416903
	Standard foul air trap ■ Stainless steel ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 142 ☐ Fixed height ☐ Telescopic	414741 414841
	Friction ring ■ Nitrile	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 142 ☐ Telescopic ☐ Fixed Height	414742
	Standard foul air trap support ■ Nitrile	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 142 ☐ Telescopic ☐ Fixed Height	414743
	ACO gully 142/DN 70 fire resistance kit ☐ Fixed height, vertical ☐ Telescopic, vertical	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 142 ☐ Fixed height, vertical ☐ Telescopic, vertical	416930
	ACO gully 142/DN 100 fire resistance kit ☐ Fixed height, vertical ☐ Telescopic, vertical	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 142 ☐ Fixed height, vertical ☐ Telescopic, vertical	416931

Accessories - ACO gully 157

	Description	Used with	Item number
	Basket ■ Stainless steel ■ Vertical outlet gully silt basket ■ 0,6 litre capacity ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 157 - vertical ☐ Fixed height ☐ Telescopic ■ ACO slot channel 20 (for outlet 142 mm) ■ ACO box channel 200 (for outlet 142 mm)	416904 416905
	Basket ■ Stainless steel ■ Horizontal outlet gully silt basket ■ 0,3 litre capacity ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 157 - horizontal ☐ Fixed height ☐ Telescopic	416906 416907
	Foul air trap ■ Stainless steel ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 157 ☐ Fixed height ☐ Telescopic	408200 408210
	Foul air trap support ■ Nitrile	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 157 ☐ Fixed height ☐ Telescopic ■ ACO tray channel (outlet 142 mm)	408201
	Friction ring installation set ■ Nitrile	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 157 ☐ Telescopic ■ ACO tray channel (outlet 142 mm)	408205
	ACO gully 157/DN 70 fire resistance kit  ☐ Fixed height, vertical ☐ Telescopic, vertical	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 157 ☐ Fixed height, vertical ☐ Telescopic, vertical	416932
	ACO gully 157/DN 100 fire resistance kit  ☐ Fixed height, vertical ☐ Telescopic, vertical	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 157 ☐ Fixed height, vertical ☐ Telescopic, vertical	416933

Accessories - ACO gully 218

	Description	Used with	Item number
	Basket ■ Stainless steel - Vertical outlet gully silt basket ■ 1,4 litre capacity ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 218 - vertical ☐ Fixed height ☐ Telescopic	416908 416909
	Basket ■ Stainless steel - Horizontal outlet gully silt basket ■ 0,7 litre capacity ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 218 - horizontal ☐ Fixed height ☐ Telescopic	416910 416911
	Foul air trap ■ Stainless steel ☐ Material grade 1.4301 (304) ☐ Material grade 1.4404 (316L)	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 218 ☐ Fixed height ☐ Telescopic	408220 408230
	Foul air trap support ■ Nitrile	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 218 ☐ Fixed height ☐ Telescopic	408221
	Friction ring installation set ■ Nitrile	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 218 ☐ Fixed height ☐ Telescopic	408225
	ACO gully 218/DN 100 fire resistance kit ☐ Fixed height, vertical ☐ Telescopic, vertical	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 218 ☐ Fixed height, vertical ☐ Telescopic, vertical	416934
	ACO gully 218/DN 150 fire resistance kit ☐ Fixed height, vertical ☐ Telescopic, vertical	■ ACO tray channel ☐ Standard ☐ Extended ■ ACO gully 218 ☐ Fixed height, vertical ☐ Telescopic, vertical	416935

Cleaning methods

Cleaning methods

Stainless steel and NBR is easy to clean. Washing with soap or a mild detergent and warm water followed by a clear water rinse is usually quite adequate for many industrial applications. An enhanced aesthetic appearance will be achieved if the cleaned surface is finally wiped dry.

Conclusion

If all the suggestions and actions in the table below have been attempted, stainless steel has the facility to be mechanically cleaned by specialists on site. Please contact ACO Industries for further assistance.

Problem	Cleaning agent	Comment
Routine cleaning, all finishes	Soap or mild detergent and water (such as washing up liquid)	Sponge, rinse with clean water, wipe dry if necessary
Fingerprints, all finishes	Soap or warm water or organic solvent (e.g. acetone, alcohol)	Rinse with clean water, wipe dry if necessary
Stubborn stains and discolouration	Mild cleaning solutions (e.g. Jif, Goddard Stainless Steel Care)	Rinse well with clean water and wipe dry
Oil and grease marks, all finishes	Organic solvents (e.g. acetone, alcohol, trichlorethylene)	Clean after with soap and water, rinse with clean water and dry
Rust and other corrosion products	Oxalic acid. The cleaning solution should be applied with a swab and allowed to stand for 15–20 minutes before being washed away with water. May continue using Jif to give final clean.	Rinse well with clean water (precautions for acid cleaners should be observed)
Scratches on brush (satin) finish	Household synthetic fibre scouring pads (e.g. Scotch Brite fibre pad). For deeper scratches; apply in direction of polishing. The clean with soap or detergent as per routine cleaning.	Do not use ordinary steel wool (iron particles can become embedded in stainless steel and cause further surface problems)

Installation recommendations

ACO tray channel standard type – gully with adhesive bonding flange (Tiled floor)

- 1** Ceramic tiles
- 2** Tile cement
- 3** Mastic sealant
- 4** Rubber infill
- 5** Floor screed
- 6** Water proof membrane
- 7** Solid concrete floor slab



ACO tray channel standard type – gully with mechanical clamping flange (Tiled floor)

- 1** Ceramic tiles
- 2** Tile cement
- 3** Mastic sealant
- 4** Rubber infill
- 5** Floor screed
- 6** Water proof membrane
- 7** Solid concrete floor slab
- 8** Compacted soil



ACO tray channel standard type – gully with location flange (Resin floor)

- 1** Epoxy/resin floor
- 2** Floor screed
- 3** Rubber infill
- 4** Solid concrete floor slab
- 5** Compacted soil



ACO tray channel vinyl type – gully with location flange (Vinyl floor)

- 1** Vinyl floor
- 2** Floor screed
- 3** Solid concrete floor slab
- 4** Compacted soil



Installation recommendations

ACO tray channel extendend type – gully with location flange (Tiled floor)

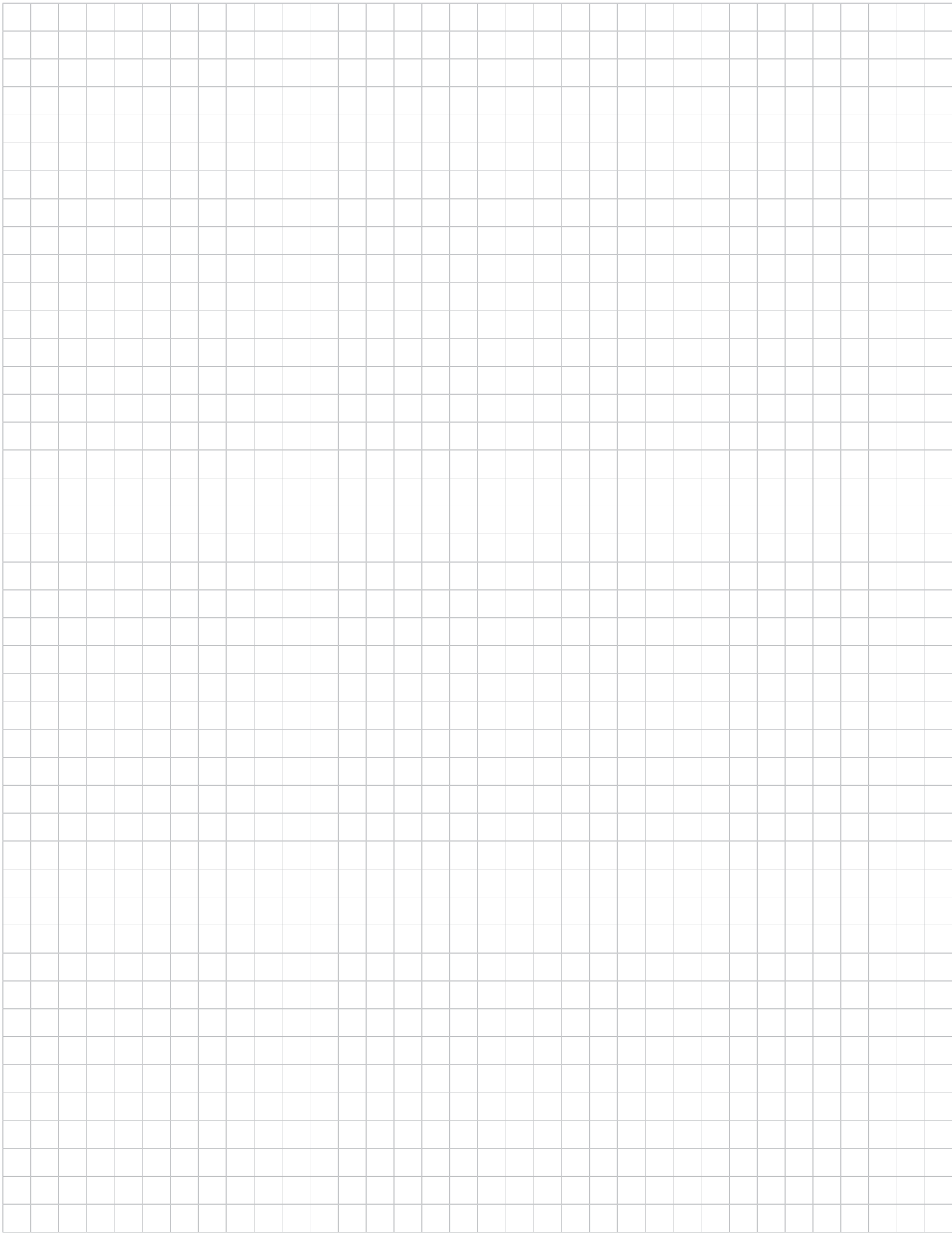
- 1** Ceramic tiles
- 2** Tile cement
- 3** Mastic sealant
- 4** Rubber infill
- 5** Water proof membrane
- 6** Floor screed
- 7** Solid concrete floor slab
- 8** Compacted soil



ACO tray channel telescopic type – gully with location flange (Tiled floor)

- 1** Ceramic tiles
- 2** Tile cement
- 3** Mastic sealant
- 4** Floor screed
- 5** Water proof membrane
- 6** Solid concrete floor slab
- 7** Compacted soil





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ACO. The future of drainage

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