



ACO Slot 8

Innovation Safety Design

Linear drainage system in stainless steel

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ACO. creating
the future of drainage



Listino ACO Slot 8 - Maggio 2022 - Con riserva di modifiche



Protection system against water stagnation and infiltrations

Terraces and balconies, but also swimming pools, spas and changing rooms are areas with a constant or seasonal presence of water on paved surfaces. The ACO Slot 8 system was born for the purpose of prevent stagnation or infiltration phenomena- thanks to effective water drainage.

ACO Slot 8 System

Innovation Safety Design

Choosing the ACO Slot 8 drainage system means you can rely on a unique product of its kind, conceived for offer designers, architects, companies and installers:

Innovation:

- it is a low thickness system
- it is extremely easy to assemble
- allows customized engineering to meet special needs
- channel and waterproofing edge are a single body with no welds



Safety:

- it has an 8 mm slot that can be walked on with bare feet
- allows thin-layer waterproofing
- the ducts, correctly assembled, are watertight



Design:

- its thin cracks integrate almost invisibly with the flooring
- the corner elements allow a visual continuity of the drainage line, which is thus more harmonious
- the version with grille meets the needs of elegance and minimalism
- it is made entirely of AISI 304 or 316 L stainless steel



ACO Slot 8

The ACO Slot 8 system is ideal for water disposal of terraces and balconies with a limited installation height and in all those places where it is necessary to drain the floors- from the water through drainage systems with minimal visual impact: showers, changing rooms, hotel wellness areas and SPA, pedestrian areas

Terraces, balconies, swimming pools, changing rooms, wellness centers and spas are places with a frequent presence of water - meteoric and not - on flooring that, if not drained, stagnates and infiltrates dangerously in screeds and walls. The damage that can result from this is different and they concern both building structures and for people's safety.

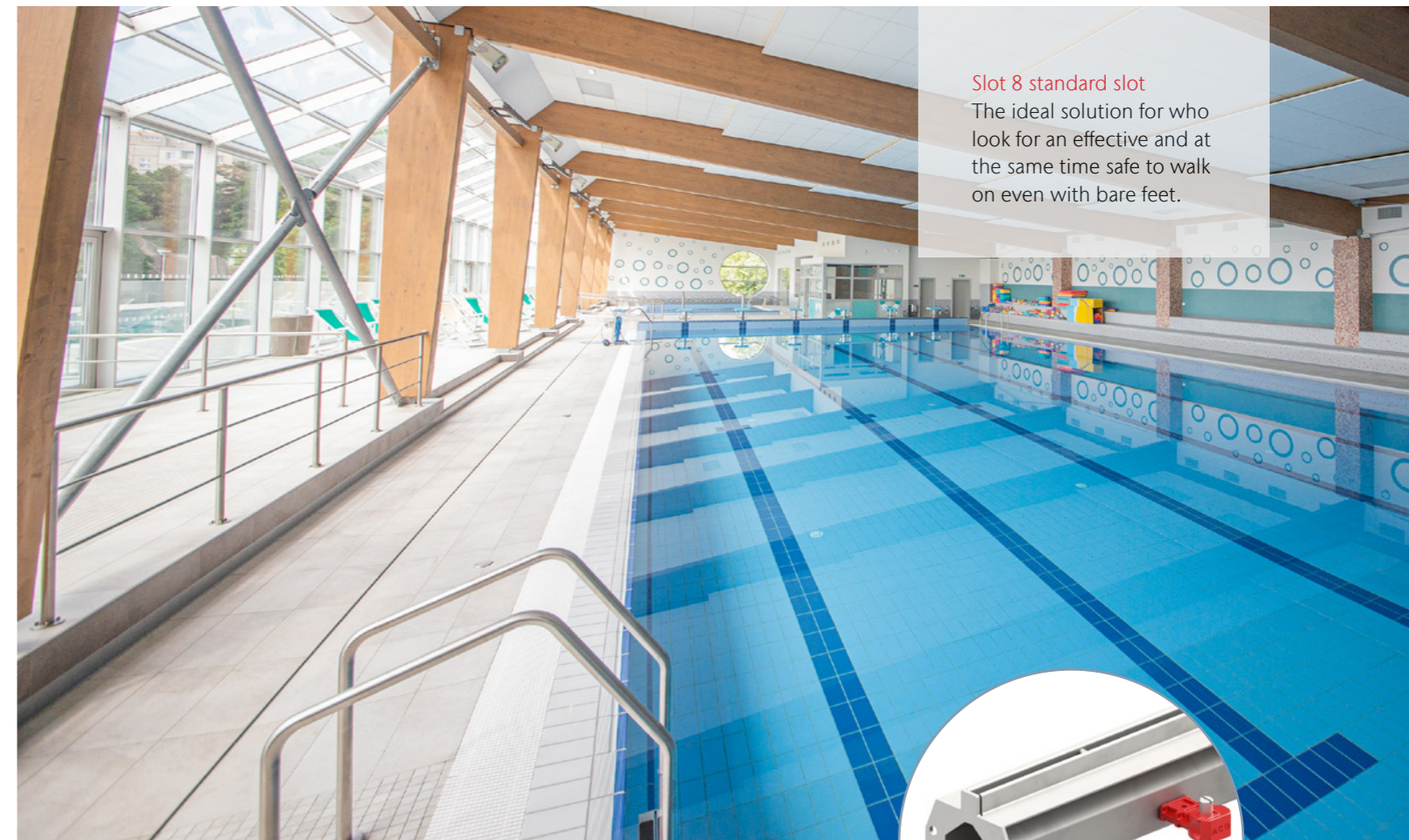
To prevent this, it is imperative to install in the aforementioned applications areas a specific drainage system, able to collect the water incident on the surfaces paved and to channel it quickly.

ACO has developed the slot channel system for this purpose **Slot 8, extremely functional** and capable of fulfilling, at the same time, also the **aesthetic function**, integrating harmoniously into the architectural context and with the flooring.

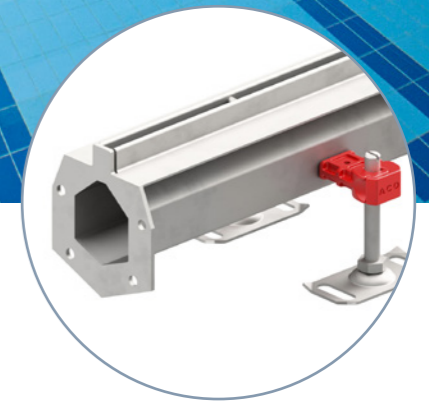
ACO Slot 8 is made entirely of steel 1.5 mm thick stainless steel, AISI 304 quality or, on request, AISI 316 L, material that guarantees the **maximum resistance and ease of maintenance**. All elements are subjected to a passive protective process, which guarantees a corrosion resistance even higher.

The width of the **slot, only 8 mm**, it does not interfere with the movement of pedestrians and meets the requirements to be walked on a **bare feet**. The continuous slot allows access for cleaning the entire length of the channel

ACO Slot 8 is equipped with **horizontal perimeter edge** to allow the application of thin layer waterproofing under the tile; it also guarantees a perfect watertight. The edge for the waterproofing and the channel form a single body without welding.



Slot 8 standard slot
The ideal solution for who look for an effective and at the same time safe to walk on even with bare feet.



Slot 8 single slot: drainage invisible to the eyes

The ACO Slot 8 single slot system has among its - most significant features that of resulting **discrete, elegant** and almost **invisible** in the context in which it is installed. It's available **with or without internal slope**, to adapt to different types of floor constructions. The installation is made simple by the presence of **leveling feet Easy Fix** adjustable.



Balconies and terraces

Against water stagnation and the risk of infiltration into the screed



Wellness centers, spas, SPA

To ensure a clean and safe environment at all times



ACO Slot 8 is made in accordance with:

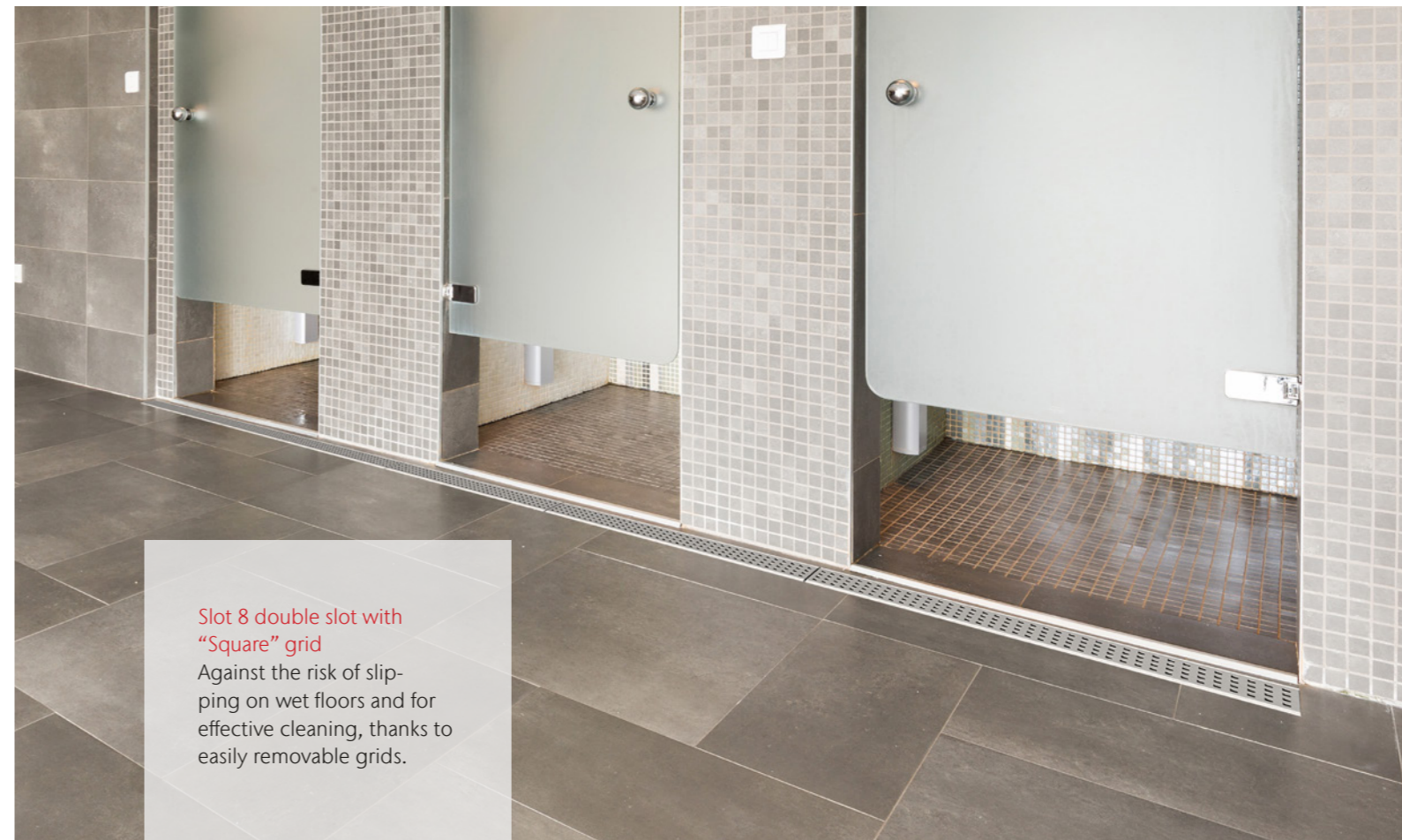
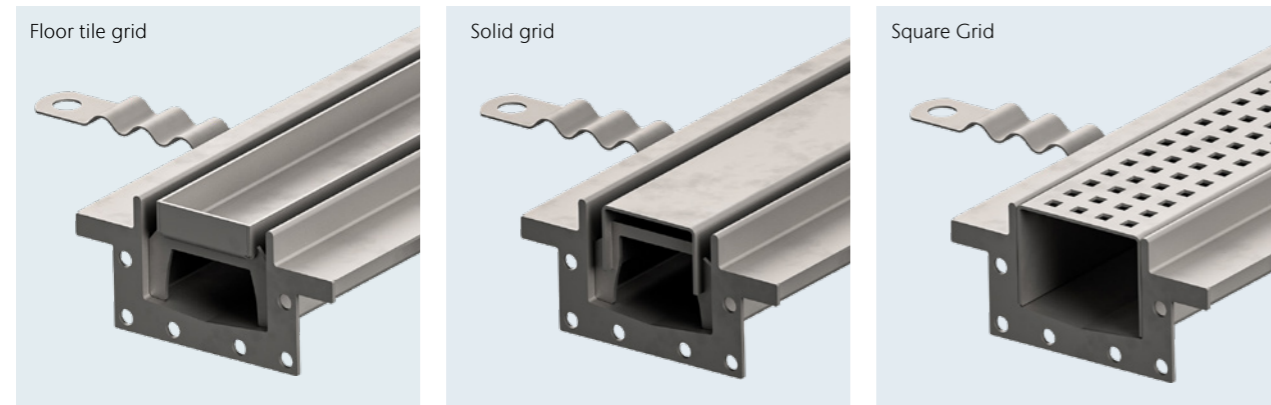
- The standard **UNI EN 16582-1:2021**, which specifies the general safety and quality requirements for domestic swimming pools
- The standard **UNI EN 13451-1, point 4.7.1**, which specifies the general safety requirements and test methods for the equipment used in swimming pools for public use

Both standards require that, when there is a risk of finger trapping, **the grid openings** must have dimensions **equal to or less than 8 mm**.

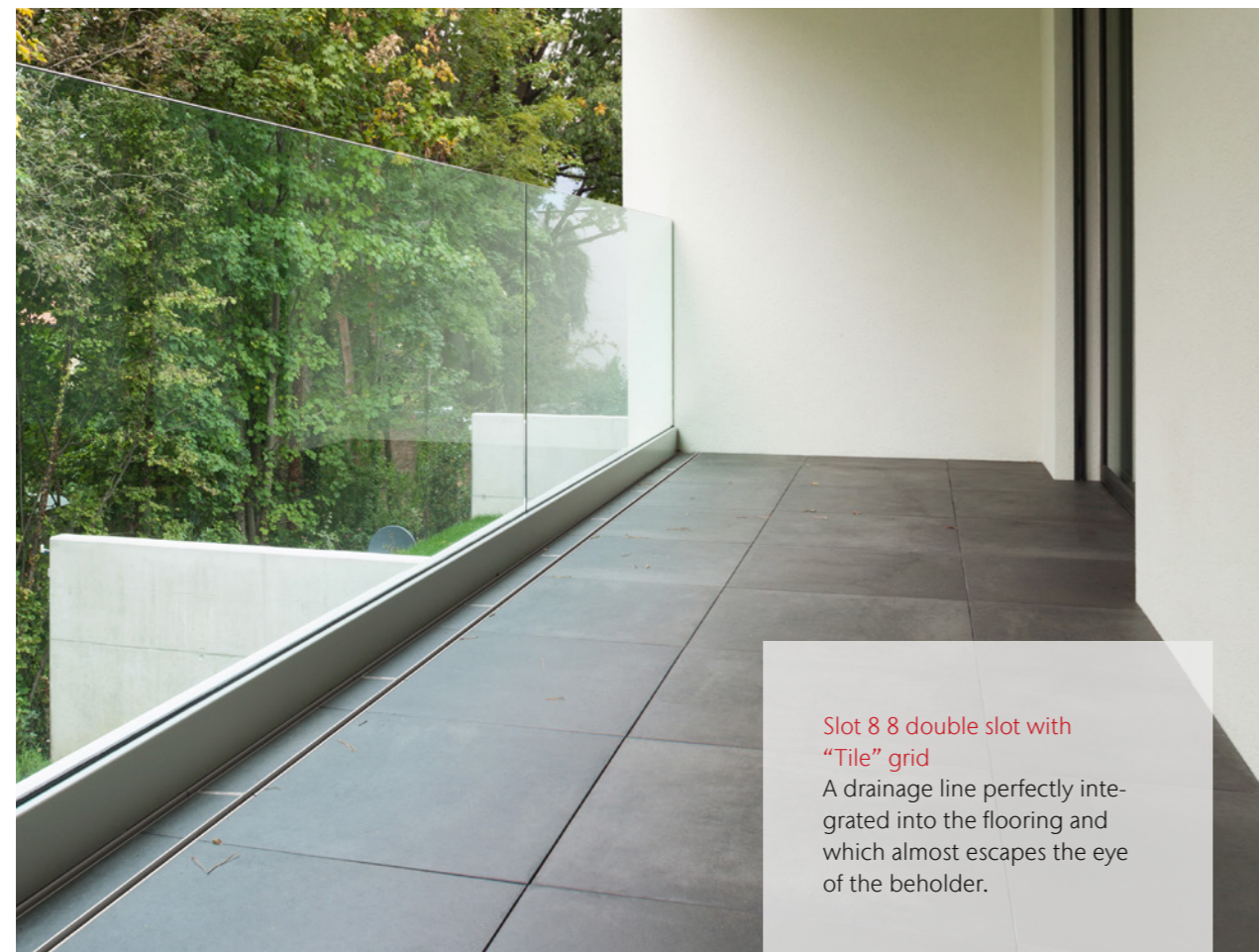
New ACO Slot 8 double slot: the space-proof drainage.

The ACO Slot 8 system, in the new double slot version and with **internal height of only 50 mm**, was born to meet to the drainage needs in the presence of pavements with very thin screeds. The system is suitable for both new buildings and for renovations of old buildings.

It is also a solution that **combines functionality and aesthetics**, thanks to the possibility to choose between three different grids cover design.



Slot 8 double slot with "Square" grid
Against the risk of slipping on wet floors and for effective cleaning, thanks to easily removable grids.



Slot 8 8 double slot with "Tile" grid
A drainage line perfectly integrated into the flooring and which almost escapes the eye of the beholder.

This new version of the Slot 8 system, in combination with the Tile and Solid grids, it features a double slot 8 mm wide. In combination with the Square grid, the water collection of surface is instead entrusted to the multiple holes 6x6 mm

The ability to easily remove the grids, allows for one fast and **effective inspection and cleaning of the canal.**

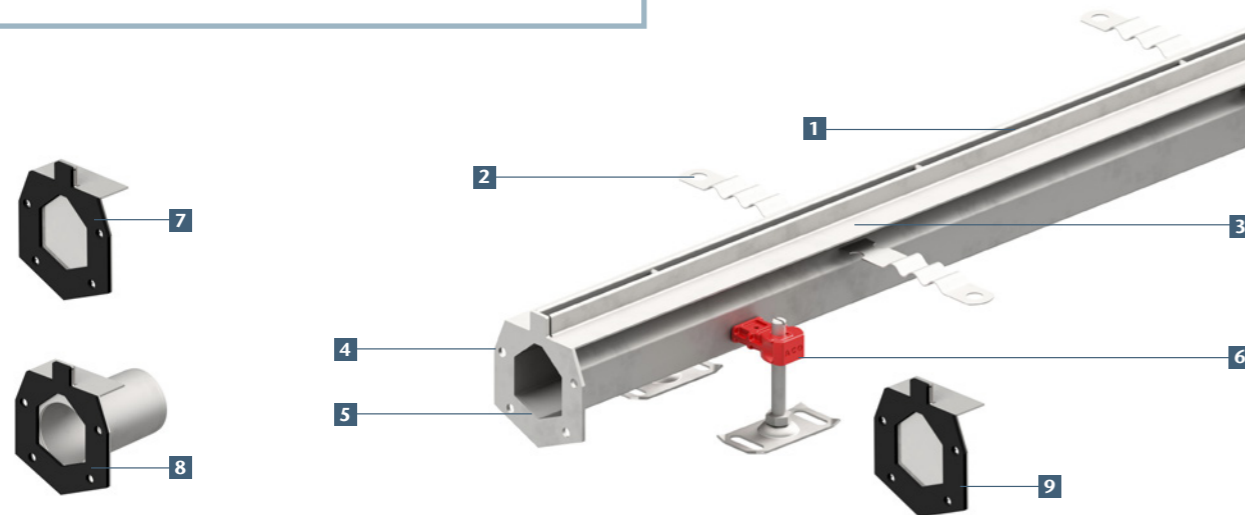


Application Example
ACO Slot 8 double slot with "Solid" grid

ACO Slot 8 with single slot

Product information

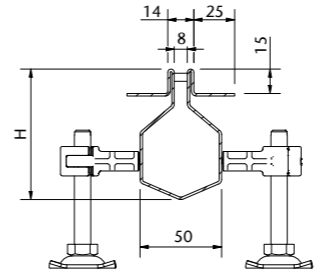
- System with 8 mm slot built entirely of steel AISI 304 stainless steel or, on request, AISI 316L
- It's available with or without internal slope
- Modular system in elements from 50 cm to 3 m connectable through flanges equipped with gaskets and bolts for a perfect fit water tightness
- Design with horizontal perimeter support for optimal liquid waterproofing under the tile
- Laying operations made simple by the leveling feet that accompany each element
- Channel bottom with "V" profile against liquid stagnation
- Suitable for both applications inside buildings and on the outside
- Different grids covering the drain elements
- **Duct seals to be ordered separately**



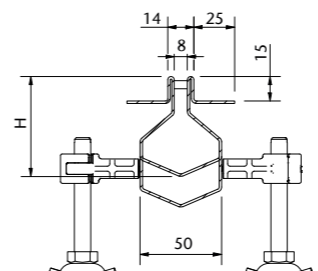
- | | |
|--|--|
| <p>1 8mm anti-heel slot, ideal for walking barefoot</p> <p>2 Anchoring brackets to the concrete</p> <p>3 Edge with horizontal support for waterproofing liquid under the tile</p> <p>4 Flange with holes for assembling the elements using bolts</p> <p>5 V-shaped bottom for better water flow even at low flow rates and for better self-cleaning performance</p> | <p>6 EasyFix adjustable leveling feet</p> <p>7 Closed head with integrated EPDM gasket</p> <p>8 Head with horizontal discharge sleeve with integrated EPDM gasket</p> <p>9 EPDM gasket to guarantee a perfect seal</p> |
|--|--|

List

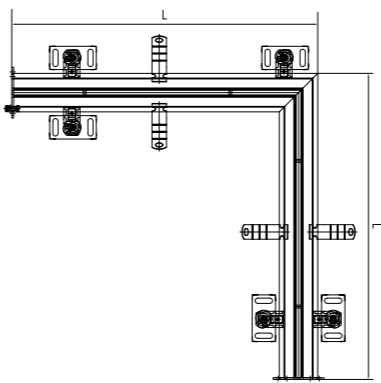
Channel without slope

	L	H	Item No.
	[mm]	[mm]	
	500	80	448274
	1000	80	448273
	2000	80	448272
	3000	80	448271

Channel with slope

	2000	60 - 80	448270
	3000	60 - 80	448286

Corner element 500x500

Description	Length	Width	H	Item No.
	[mm]	[mm]	[mm]	
 Slot 8 corner element in AISI 304 stainless steel	500	500	80	448996

Element with terminal drain



With horizontal outlet

	ØD	L	H	Item No.
	[mm]	[mm]	[mm]	
	50	1000	80	448291
	50	500	80	448293

With vertical outlet

	100	1000	80	448289
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Element with central drain



With horizontal outlet

	ØD	L	H	Item No.
	[mm]	[mm]	[mm]	
	50	1000	80	448292
	50	500	80	448294

With vertical outlet

	100	1000	80	448290
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Grids in AISI 304 stainless steel

	Technical drawing	Load class	Slots / holes	Item No.
			[mm]	
Square grid		L15	6	408092
Heel-proof grid		L15	5,5	408022
Multi slot grid 5		L15	5	408094
Floor tile grid		L15	-	446860

Accessories for channel

	Description	H	Item No.
		[mm]	
Heads inclusive of gasket			
	Head of the start / end of the channel	80	448277
	Head of the start / end of the channel	60	448275
	Head with exhaust sleeve DN 50	80	448295
Gaskets (*)			
	EPDM gasket	60	448276
	EPDM gasket	80	448278

(*) 1 gasket is required for each flange.

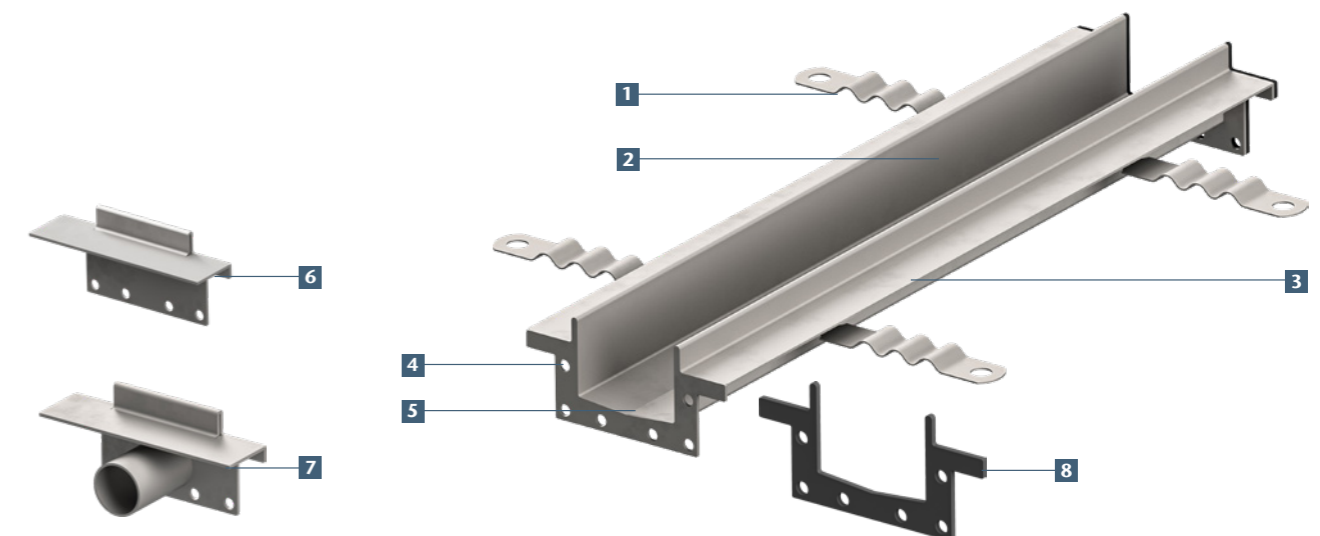
EG 150 wells for vertical drains

Technical design	Material	Ø Drain [mm]	Height [mm]	Item No.
Telescopic, vertical, without odor trap				
	AISI 304 stainless steel	75	172	405066
Telescopic, horizontal, without odor trap				
	AISI 304 stainless steel	75	106	406677
Odor trap with sludge collection bucket				
	AISI 304 stainless steel		91	405065
50 mm watertight odor trap				
	AISI 304 stainless steel		85	97217
Sludge collector bucket				
	AISI 304 stainless steel		88	409190
Filter (for 110 mm drains)				
	AISI 304 stainless steel			97235

ACO Slot 8 with double slot

Product information

- System built entirely in AISI 304 stainless steel or, on request, in AISI 316L
- Internal height of the channel: 50 mm
- Modular system in elements from 50 cm to 3 m connectable through flanges equipped with gaskets and bolts for a perfect fit water tightness
- Design with horizontal border support for optimal liquid waterproofing under the tile
- Channel bottom with "V" profile against liquid stagnation
- Suitable for both applications inside buildings and on the outside
- 3 different cover grids
- **Duct seals to be ordered separately**



- 1** Anchoring brackets to the concrete
- 2** Internal channel height of only 50 mm
- 3** Edge with horizontal support for waterproofing under tile, 3 mm
- 4** Flange with holes for assembling the elements using bolts
- 5** V-shaped bottom for better water flow even at low flow rates and for better self-cleaning performance
- 6** Closed head
- 7** Head with horizontal discharge sleeve
- 8** EDPM gasket to guarantee a perfect seal

List

Channel body

	L	H	Item No.
	[mm]	[mm]	
	500	50	449108
	1000	50	449107
	2000	50	449106
	3000	50	449105

Element with central drain



With horizontal outlet

	ØD	L	H	Item No.
	[mm]	[mm]	[mm]	
	32	500	50	449113

With vertical outlet

	50	500	50	449126
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Element with terminal drain



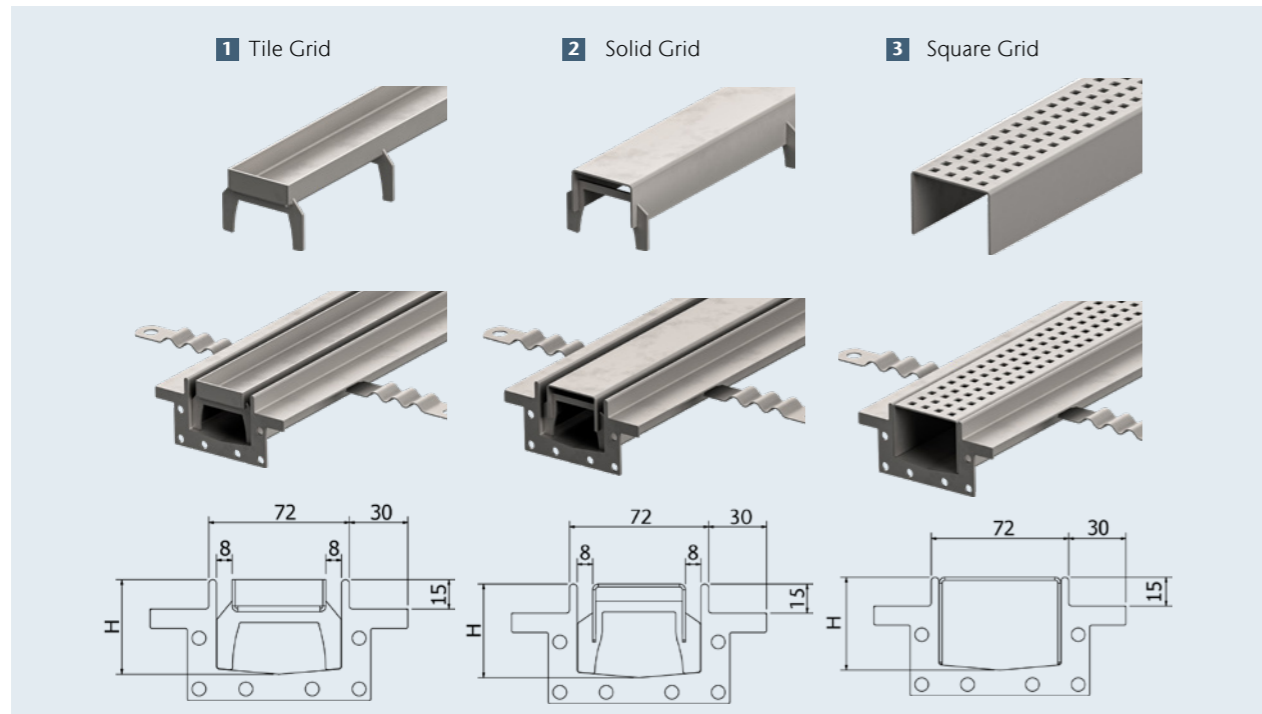
With vertical outlet

	ØD	L	H	Item No.
	[mm]	[mm]	[mm]	
	50	500	50	449127


Corner element 300x300

Description	Length	Width	H	Item No.
	[mm]	[mm]	[mm]	
	300	300	50	449190




Design grids for double slot channel





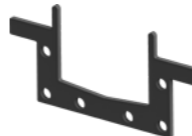
Grids in AISI 304 stainless steel

	Load Class	Lenght [mm]	Item No.
Floor tile grid			
	L15	500	449122
	L15	1000	449123
Solid grid			
	L15	500	449120
	L15	1000	449121
Square grid			
	L15	500	449124
	L15	1000	449125

Grids in AISI 304 stainless steel for corner element

	Load Class	Lenght [mm]	Item No.
Floor tile grid			
	L15	300x300	449176
Solid grid			
	L15	300x300	449175
Square grid			
	L15	300x300	449177

Accessories for channel

	Description	H [mm]	Item No.
Heads inclusive of gasket			
	Head of the start / end of the channel	50	449191
	Head with exhaust sleeve DN 32	50	449111
Gaskets (*)			
	EPDM gasket	50	449109

(*) 1 gasket is required for each flange.

Customer assistance

Together we tackle every project successfully!

ACO provides all the services and support necessary to help its interlocutors to correctly configure the drainage and water treatment systems and to prevent their future deterioration. Our long experience and our deep skills translate into the ability to always offer the best solutions to our customers.

support: Technical and commercial assistance

We offer our customers a high quality and professional technical and commercial assistance service, to give precise and timely answers on products, orders and deliveries. The ACO team is also available for site inspections and during the installation of its drainage and water treatment systems, to provide information and useful advice.

design: Design consultancy

The procurement and design of drainage lines or treatment systems encompasses many variables. Our team of consultants helps clients find the correct answers, identifying the safest, most functional and economical technical solutions. It also ensures that every aspect of the project can meet the highest standards.

train: Training and information

Through specific documentation and training and improvement sessions on our solutions, we share the skills of the entire ACO Group with retailers, planners, architects, installers and, in general, with those who place the emphasis on quality.

care: Maintenance support

We provide valuable advice, defining procedures and indicating the most appropriate ways to keep the drainage system in the best conditions.



ACO Service Chain

Domande?

askACO



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Further information available at: www.aco.it

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