

Order

Price enquiry

ACO. creating  
the future of drainage



## ACO ShowerDrain Public 110 – Individual Configuration

If you require a quotation, please fill in this configuration, print and send to the following fax number or print as PDF file and send to the following email address:

**ACO Haustechnik**  
**Intercompany Business**  
**Fax +49 (0) 36965 819-369**  
**E-Mail: [icb-haustechnik@aco.com](mailto:icb-haustechnik@aco.com)**

Installer: \_\_\_\_\_

Street: \_\_\_\_\_ City: \_\_\_\_\_

Tel.: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Sales representative: \_\_\_\_\_

Date: \_\_\_\_\_

Object (no., name, location): \_\_\_\_\_

\_\_\_\_\_

Dealer/contact partner: \_\_\_\_\_

Handling code/document no.: \_\_\_\_\_

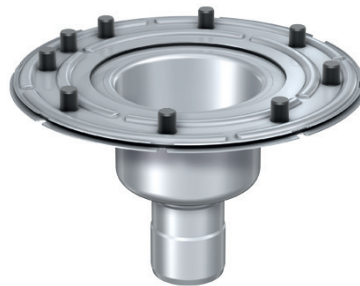
Tel.: \_\_\_\_\_ E-Mail: \_\_\_\_\_

### TYPE 1 Channel with drain outlets D=125, for connection to gully elements

#### Ordering information for gully elements for ACO ShowerDrain Public

You can combine the ACO ShowerDrain Public 110 with different gully elements to suit the installation situation. Depending on the floor structure, the required flow rate, fire protection or sound insulation requirements, various gully elements made of stainless steel or cast iron are available.

You can find detailed information at:  
<https://www.aco-haustechnik.de/produkte/bodenentwaesserung/>



**Variaint-CR 142** floor drains are available with horizontal and vertical outlet sockets in nominal width DN 70 and in the following versions:

- Location flange
- Adhesive bonding flange
- Mechanical clamping flange (illustration)



**Passavant** floor drains are available with horizontal and vertical outlet sockets in nominal widths DN 50, DN 70, DN 100 and in the following versions:

- Location flange
- Adhesive bonding flange
- Mechanical clamping flange (illustration)

### TYPE 2 Channel with drain outlets D=110 for direct connection to pipe



Illustration exemplary

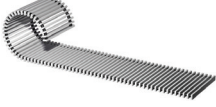

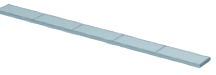
### TYPE 3 Channel with attached drain gully, outlet DN 50



Illustration exemplary

On request, the ACO ShowerDrain Public 110 can also be supplied with one or more permanently attached drain bodies of the ACO ShowerDrain C.

## Selecting grating

	Type	Load classes K3 (loadable up to 300kg)	Slip-proof	Fixation
<input type="radio"/>	Roller grating  Only suitable for Standard tile height H3 = 15 mm	K3	Slip-proof	Standard = without <input type="radio"/> internal hexagon <input type="radio"/>
<input type="radio"/>	Quadrato 	K3	Slip-proof	Standard = without <input type="radio"/> internal hexagon <input type="radio"/> Snake-Eye <input type="radio"/>
<input type="radio"/>	Tile 	K3	dependent upon tile surface	

# TYPE 1 Channel with drain outlets D=125, for connection to gully elements

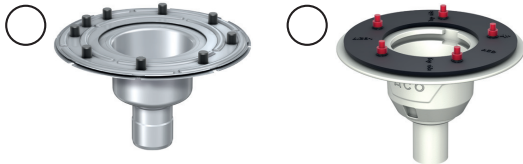
## Material:

Maximum channel length  $L_{max} = 5000$  mm.

Longitudinal slope of channel approx. 1%  
(min. 0.7% - max. 2%).

Delivery includes sealing ring for floor drain.

Which drain type is installed:

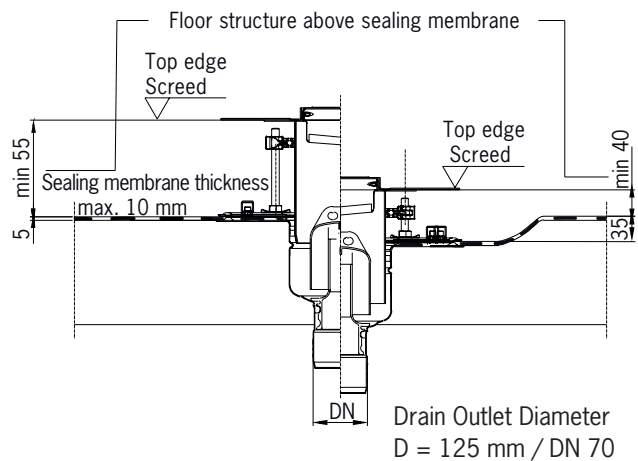


Variant CR 142

Passavant Floor Outlet

For flow rates in accordance with EN 1253-1,  
the maximum flow path of 2000 mm should not be exceeded.

Floor construction height: ..... mm



## 1a. Channel with one drain outlet (from 4,000 mm, 2 gully elements are required)

Quantity

○	Installation location 1. channel 1a: $L = (600 - 5.000 \text{ mm}) \dots\dots\dots \text{mm}$ $L1 = (100 - 2.500 \text{ mm}) \dots\dots\dots \text{mm}$ $H1 = \dots\dots\dots \text{mm} \quad H2^* = \dots\dots\dots \text{mm}$  Note: $H1 = \text{min. } 30 \text{ mm} / \text{max. } 100 \text{ mm}$  *Standard drain outlet length = 130 mm min. 80 mm / max. 250 mm	
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## 1b. Channel with several drain outlets

Quantity

○	Installation location 1. channel 1b: $L = (600 - 5.000 \text{ mm}) \dots\dots\dots \text{mm}$ $L1 = (100 - 2.000 \text{ mm}) \dots\dots\dots \text{mm}$ $L2 = (400 - 4.000 \text{ mm}) \dots\dots\dots \text{mm}$ $L3 = (100 - 2.000 \text{ mm}) \dots\dots\dots \text{mm}$ $H1 = \dots\dots\dots \text{mm} \quad H2^* = \dots\dots\dots \text{mm}$  Note: $H1 = \text{max. } 100 \text{ mm}$  *Standard drain outlet length = 130 mm min. 80 mm / max. 250 mm	
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### 1c. Room Installation – Shower Channel with surrounding flange

○		<p>H3* = ..... (12 - 30 mm)</p> <p>V1 = ..... (45 - 65 mm / Offset see fig. 1b)</p> <p>V2 = ..... (45 - 65 mm / Offset see fig. 1b)</p> <p>(several Gully elements / Nozzles)</p> <p>*Standard frame height H = 15 mm</p>
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### 1d. Wall Installation – Shower Channel with wall flange

Only the stainless steel drain, Variant-CR 142 (DN 70) with location flange can be used for shower channels with wall flange.

○		<p>H3* = ..... (12 - 30 mm)</p> <p>H4* = ..... (15 - 30 mm)</p> <p>B** = ..... mm</p> <p>*Standard frame height H3 and H4 = 15 mm</p> <p>B** = 84 mm (for standard frame width H4 = 15 mm)</p> <p>The height must not be less than 84 mm</p>
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General Note Field:

## TYPE 2 Channel with drain outlets D=110 for direct connection to pipe

### Material:

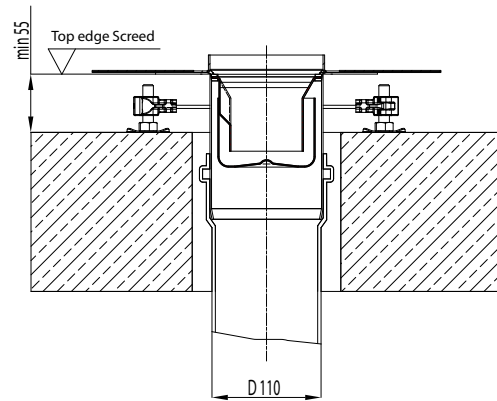
Maximum channel length  $L_{max} = 5000$  mm.

Longitudinal slope of channel approx. 1%  
(min. 0.7% - max. 2%).

Always supplied with integrated odor trap.

For flow rates in accordance with EN 1253-1,  
the maximum flow path of 2000 mm should not be exceeded.

Floor construction height: ..... mm



### 2a. Channel with one drain outlet (From 4,000 mm, 2 gully elements are required)

Quantity

○	<p>Installation location 1. channel 2a:</p> <p><math>L = (600 - 5.000 \text{ mm})</math> ..... mm</p> <p><math>L1 = (100 - 2.500 \text{ mm})</math> ..... mm</p> <p><math>H1 =</math> ..... mm <math>H2^* =</math> ..... mm</p> <p>Note: <math>H1 = \text{min. } 30 \text{ mm} / \text{max. } 100 \text{ mm}</math> (depends on the channel length)</p> <p>*Standard drain outlet length = 130 mm min. 80 mm / max. 250 mm</p>	
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### 2b. Channel with several drain outlets

Quantity

○	<p>Installation location 1. channel 2b:</p> <p><math>L = (600 - 5.000 \text{ mm})</math> ..... mm</p> <p><math>L1 = (100 - 2.000 \text{ mm})</math> ..... mm</p> <p><math>L2 = (400 - 4.000 \text{ mm})</math> ..... mm</p> <p><math>L3 = (100 - 2.000 \text{ mm})</math> ..... mm</p> <p><math>H1 =</math> ..... mm <math>H2^* =</math> ..... mm</p> <p>Note: <math>H1 = \text{max. } 100 \text{ mm}</math></p> <p>*Standard drain outlet length = 130 mm</p>	
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## 2c. Room Installation – Shower Channel with surrounding flange

○		<p>H3* = ..... (12 - 30 mm)</p> <p>*Standard frame height H = 15 mm</p>
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## 2d. Wall Installation – Shower Channel with wall flange

Only the stainless steel drain, Variant-CR 142 (DN 70) with location flange can be used for shower channels with wall flange.

○		<p>H3* = ..... (12 - 30 mm)</p> <p>H4* = ..... (15 - 30 mm)</p> <p>*Standard frame height H3 and H4 = 15 mm</p>
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General Note Field:

## TYPE 3 Channel with permanently attached Drain Pot Outlet DN 50 connected to Pipe

### Material:

Maximum channel length  $L_{max} = 5000$  mm.

Longitudinal slope of channel approx. 1%  
(min. 0.7% - max. 2%).

For flow rates in accordance with EN 1253-1, the maximum flow path of 2000 mm should not be exceeded.

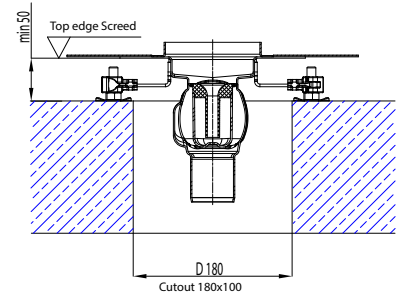
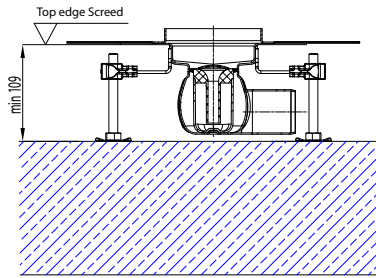
The number of drains must be selected accordingly with regard to the absorption of the wastewater volume.  
0.95 l/s per drain body.

Always supplied with integrated odor trap,  
sealing water height 50 mm.

Floor construction height: ..... mm

with horizontal outlet

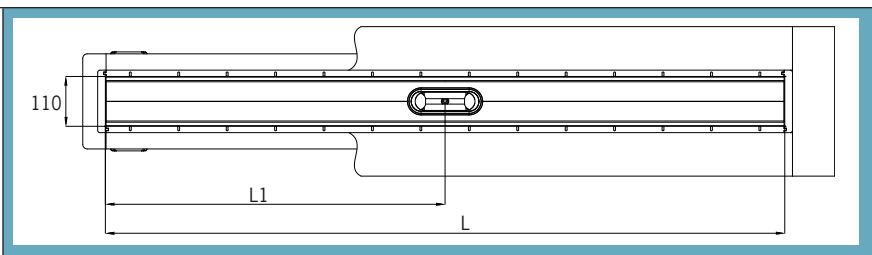
with vertical outlet



### 3a. Channel with one drain outlet (2 drain outlets are required from 4,000 mm)

Quantity

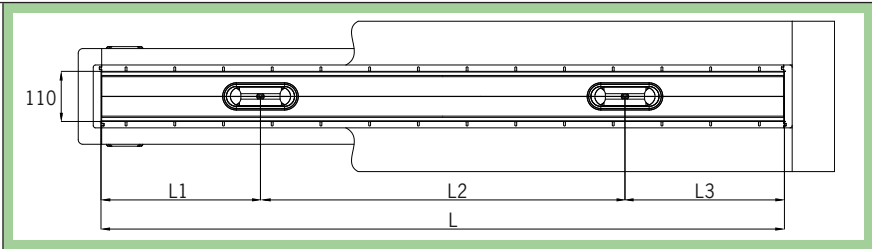
$L = (600 - 5.000 \text{ mm})$  ..... mm  
 $L1 = (250 - 2.500 \text{ mm})$  ..... mm



### 3b. Channel with two drain outlets (2 drain outlets are required from 4,000 mm)

Quantity

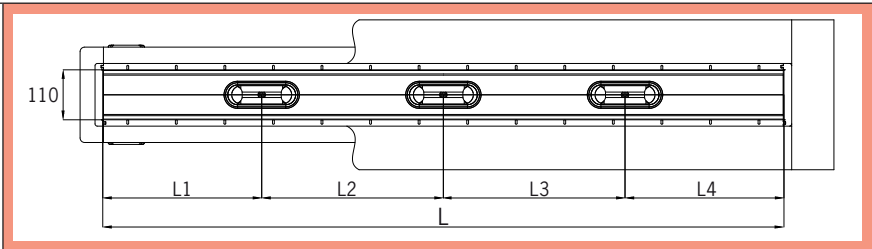
$L = (1.000 - 5.000 \text{ mm})$  ..... mm  
 $L1 = (250 - 2.000 \text{ mm})$  ..... mm  
 $L2 = (500 - 2.000 \text{ mm})$  ..... mm  
 $L3 = (250 - 2.000 \text{ mm})$  ..... mm



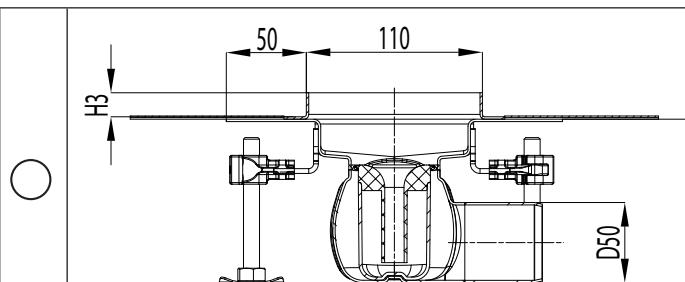
### 3c. Channel with three drain outlets (2 drain outlets are required from 4,000 mm)

Quantity

$L = (1.500 - 5.000 \text{ mm})$  ..... mm  
 $L1 = (250 - 2.000 \text{ mm})$  ..... mm  
 $L2 = (500 - 2.000 \text{ mm})$  ..... mm  
 $L3 = (500 - 2.000 \text{ mm})$  ..... mm  
 $L4 = (250 - 2.000 \text{ mm})$  ..... mm



### 3d. Room Installation - Shower Channel with surrounding flange



$H3^* =$  ..... (12 - 30 mm)  
(Standard = 15 mm)

### 3e. Wall Installation - Shower Channel with wall flange

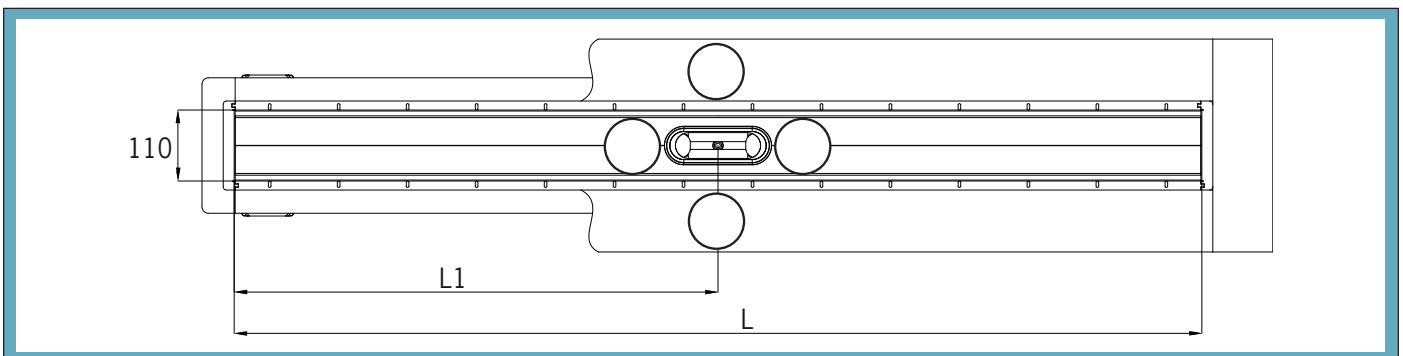
○		<p>H3* = ..... (12 - 30 mm) (Standard = 15 mm)</p> <p>H4* = ..... (15 - 30 mm) (Standard = 15 mm)</p>
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### 3f. Channel Drain Outlet

○		<p><b>Vertical drain outlet WS 50</b> (90° drain outlet inclination) Water seal 50 mm, DN 50 According to EN 1253-1 Installation height H to top edge of screed: min. 45 - 300 mm (depending on the channel length)</p>	
		<p><b>Horizontal drain outlet WS 50, DN 50</b> (0° Drain outlet inclination) Water seal 50 mm, DN 50 According to EN 1253-1 Installation height H to top edge of screed: min. 110 - 300 mm (depending on the channel length)</p>	<p><b>Horizontal drain outlet WS 50, lateral drain outlet</b> (0° Drain outlet inclination) Water seal 50 mm, DN 50 In accordance with EN 1253-1 Installation height H to top edge of screed: min. 110 - 300 mm (depending on the channel length)</p>

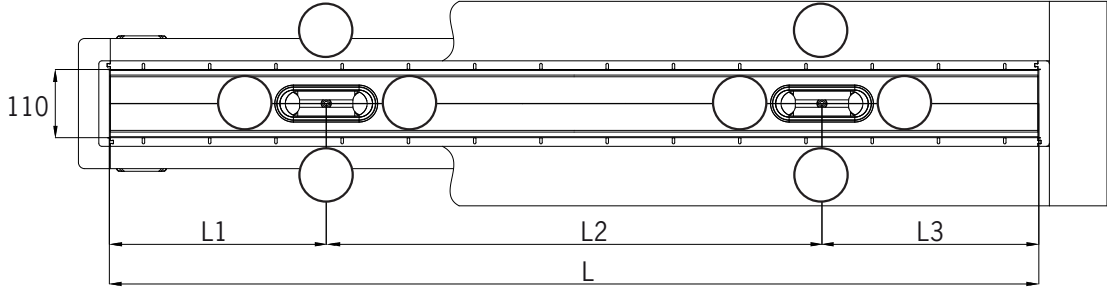
**PLEASE ONLY MARK THE APPLICABLE CHANNEL WITH THE CORRESPONDING DRAIN OUTLET.  
NOTE THE COLOR CODE AND FILL IN ACCORDING TO YOUR PREVIOUS SELECTION.**

### 3f. Channel drain outlet to 3a. Channel with one drain outlet

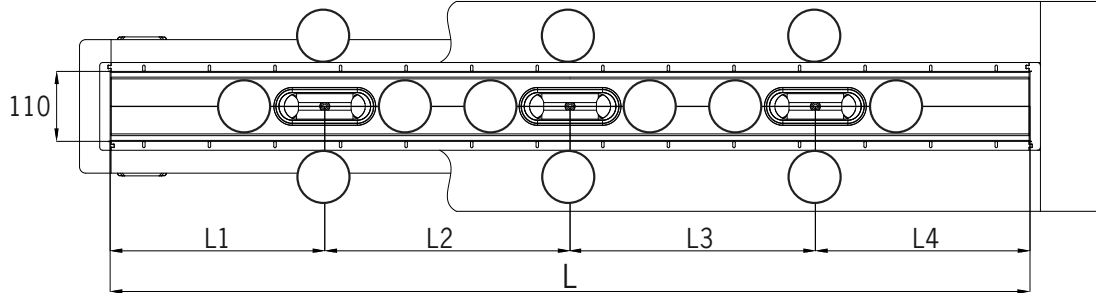




**3f. Channel drain outlet to 3b. Channel with two drain outlets**



**3f. Channel drain outlet to 3c. Channel with three drain outlets**



General Note Field: