

# ANRIN

LEADING WATER



Technical  
data sheet

SELF-MINI

# Technical data sheet

## ANRIN SELF drainage channels SELF-MINI

### Product specifications

Product specifications	SELF-MINI	Sump unit
Material	Resin concrete	Resin concrete
Length	100 cm	50 cm
Width	12 cm	13.1 cm
Height	6 cm	40 cm
Weight	6.3 kg	15.5 kg
Nominal width	10 cm	10 cm
Slope type	Constant invert	Constant invert
Joint type	UNILINK® joint	UNILINK® joint
Fastening	Locking mechanism	Locking mechanism
Load capacity	Slotted steel grating cl. A15, slotted cast iron grating, cl. B125, slotted plastic grating, cl. B125	
Cover gratings	Freely selectable	Freely selectable

### Material properties

Channel / component body	
Polymer concrete	polyester resin-based with mineral aggregates, additives
Compressive strength	≥ 90 N/mm <sup>2</sup>
Bending tensile strength	≥ 22 N/mm <sup>2</sup>
Modulus of elasticity	ca. 25 kN/mm <sup>2</sup>
Density	2.1 – 2.3 g/dm <sup>3</sup>
Heat resistance	100° C (permanent loading)
Frost resistance	- 50° C
Water penetration depth	0 mm
Water absorption	0,05 %

Channel cover	
Cover gratings	Slotted steel grating cl. A15, slotted cast iron grating, cl. B125, slotted plastic grating, cl. B125

### SELF-MINI

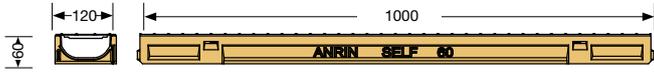
Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
07261000	4026857021650	SELF-MINI Channel with galvanised grating*	100	12.0	6.0	6.3
07362000	4026857030331	SELF-MINI Channel with slotted cast iron*	100	12.0	6.0	10.5
07561000	4026857027270	SELF-MINI Channel with slotted plastic grating*	100	12.0	6.0	10.5
07267100	4026857021667	Closed end cap				0.4

\* Every 2nd channel with perforation DA/OD 110 for vertical outlet

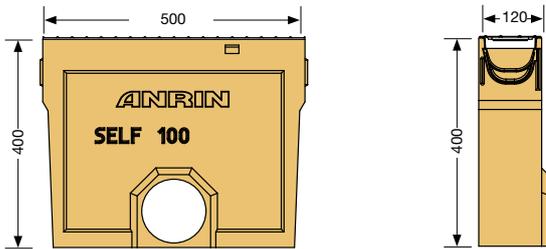
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## ANRIN SELF drainage channels SELF-MINI

### Channel dimensions



### Accessories dimensions



### Cover gratings



Slotted grating

galvanised steel, stainless steel  
Length: 50 cm, 100 cm

Load capacity:  
**A15**



Slotted grating OvalGrip Design

cast-iron  
Length: 50 cm, 100 cm

Load capacity:  
**B250**



Slotted grating OvalGrip Design

plastic (black)  
Length: 50 cm

Load capacity:  
**C250**

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## ANRIN SELF drainage channels

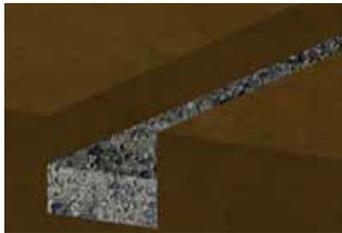
### Installation instructions

The following installation guidelines are schematic representations. These are provided as examples and are non-binding. The information provided here is based on our long-term experience in excavation and road construction as well as the state-of-the-art technology.

Despite this, designers and planners are always obligated to check the products and the installation instructions for their appropriateness. The example details are simplified recommendations for execution. Constructions are to be re-created on a project-specific basis.

Important: Insert gratings for the installation.

### Installation instructions



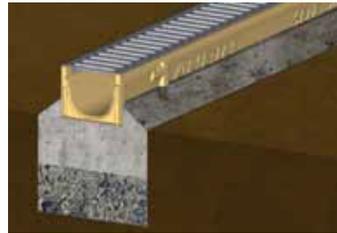
1. Dig out the trench.  
Fill in and pre-condense the base course.



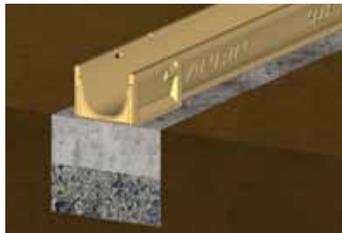
2. Connect pipe connections to the pipeline and align the components evenly.  
Fill concrete bed.



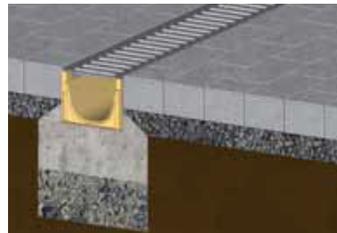
3. Connect pipe connections to the pipeline and align the components evenly.  
Fill concrete bed.



4. Place cover gratings on the channels.



5. Position channel string, sump unit and end cap on the concrete bed.



6. Position channel string, sump unit and end cap on the concrete bed.



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