



Technical data sheet

A15 Polymer Concrete Channel Galvanized Grating ANRSELFBLOCKSLOT



SERVICE

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The slotted top channels were specially developed for integration of the drainage in high-quality natural stone and paving surfaces. The reduction to a discrete inlet slot enables decorative surface designs without compromise.

The steel shaft with smooth interior and exterior duplications enables a gap-free installation of the stones and easy cleaning of the inlets. Innovative design for durable, safe function.

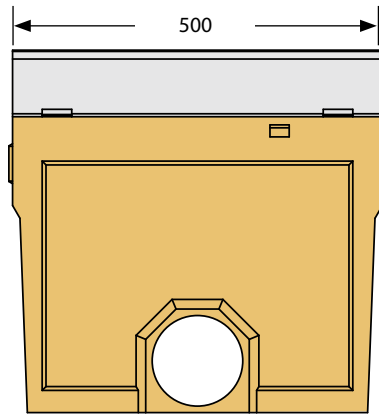
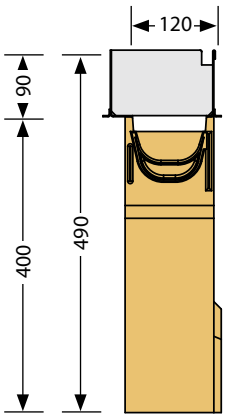
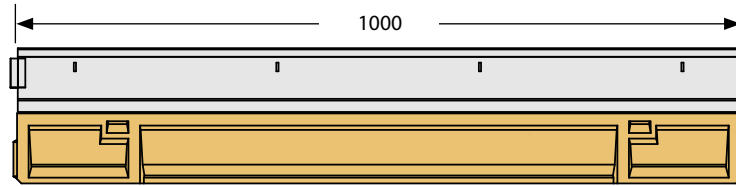
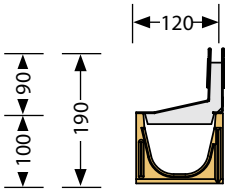
Product specifications

Product specifications	SELF-100 slot	SELF-100 slot sump unit
Material	Resin concrete	Resin concrete
Length	50 cm and 100 cm	50 cm
Width	12 cm	12 cm
Height	10 cm	49 cm
Weight	4.5/8.0 kg	19.4 kg
Nominal width	100 mm	100 mm
Joint type	UNILINK® joint	UNILINK® joint
Load capacity	Drivable	Drivable
Slotted top	Steel	Steel

Material properties

Channel / component body	
Polymer concrete:	polyester resin-based with mineral aggregates, additives
Compressive strength:	≥ 90 N/mm ²
Bending tensile strength:	≥ 22 N/mm ²
Modulus of elasticity:	ca. 25 kN/mm ²
Density:	2.1 – 2.3 g/dm ³
Heat resistance:	100° C (permanent loading)
Frost resistance:	-50° C
Water penetration depth:	0 mm
Water absorption:	0.05 %
Slotted top	
Slotted top	Steel

Channel dimensions





Channel types and accessories

Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
07494000	4028657022523	Channel 1.0 m including slotted top***	100	12.0	19.0	11.3
07494050	4026857026679	Channel 0.5 m including slotted top***	50	12.0	19.0	5.7
07494100	4026857024910	Channel 1.0 m including slotted top with maintenance opening left***	100	12.0	19.0	11.3
07494200	4026857024927	Channel 1.0 m including slotted top with maintenance opening right***	100	12.0	19.0	11.3
07495000	4028657022530	Channel 0.5 m including access top **	50	12.0	19.0	8.3
07496000	4028657022547	Sump unit including access top	50	12.0	49.0	19.4
02509020	4026857020097	Access hook pair for removal of the access top				
01006600	4026857000525	Foul air trap DA/OD 110				1.5
01006700	4026857026594	Foul air trap with leaves sieve				0.2
01006800	4026857000549	Pipe socket DA/OD 110				0.2
07297100	4026857021384	End cap, closed				0.4
07298100	4026857021391	End cap with pipe socket DA/OD 110				0.8




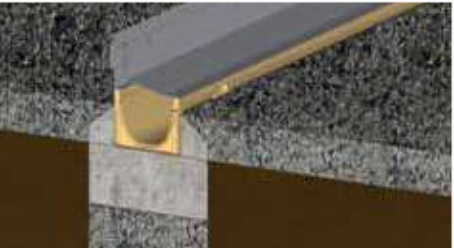


** Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross-over joints

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

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		
	<p>Dig out the trench. Fill in and pre-condense the base course.</p>	
	<p>Fill concrete, 3 parts sand + 1 part water + 1 part cement, into the base of the trench.</p>	
	<p>Position channel string, sump unit and end cap on the concrete bed.</p>	
	<p>Apply the crushed stone bed and level out. Finish the top layer extending approx. 1 cm over the inlet slot.</p>	