

Technical data sheet

SELF-ECO



ANRIN

SERVICE provides custom solutions and possibilities for the contract business. Here you benefit from reliable cooperation with our technical office staff and good contact with the field staff. ANRIN is certified according to DIN EN ISO 9001:2008.

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Product specifications

Product specifications	SELF-ECO	Sump unit
Material	Resin concrete	Resin concrete
Length	50 cm und 100 cm	50 cm
Width	12 cm	13.1 cm
Height	8 cm	40 cm
Weight	3.2 / 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	A 15 - B 125	A 15 - B 125
Cover gratings	Freely selectable	Freely selectable

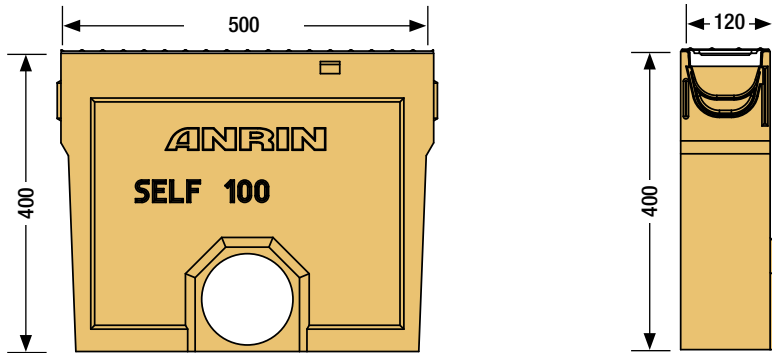
Material properties

Channel / component body	
Polymer concrete:	polyester resin-based with mineral aggregates, additives
Compressive strength:	≥ 90 N/mm 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 %
Channel cover	
Cover gratings:	Galvanised grating cl. A15, slotted cast iron Drivable, slotted plastic grating cl. B125

Channel dimensions



Accessories dimensions



SELF-ECO with galvanised grating

Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
07301000	4026857020455	SELF-ECO Channel with galvanised grating*	100	12.0	8.0	6.3
07301050	4026857020479	SELF-ECO Channel with galvanised grating**	50	12.0	8.0	3.2
07296000	4026857021360	SELF Sump unit with galvanised grating	50	12.0	40.0	15.5

SELF-ECO with slotted cast iron

Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
07331000	4026857023678	SELF-ECO Channel with slotted cast iron*	100	12.0	8.0	10.3
07331050	4026857023708	SELF-ECO Channel with slotted cast iron**	50	12.0	8.0	5.2
07396000	4026857023661	SELF Sump unit with slotted cast iron	50	12.0	40.0	17.5

SELF-ECO with slotted plastic grating Oval Grip

Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
07531000	4026857027287	SELF-ECO Channel with slotted plastic grating*	100	12.0	8.0	6.3
07531050	4026857027294	SELF-ECO Channel with slotted plastic grating**	50	12.0	8.0	3.2
07596000	4026857026426	SELF Sump unit with slotted plastic grating	50	12.0	40.0	15.5

* Channel with perforation DA/OD 110 for vertical outlet

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



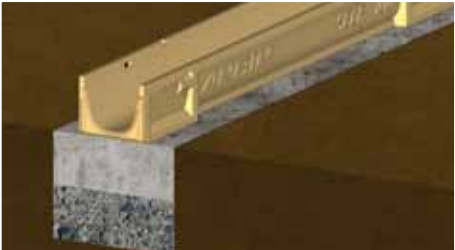
SELF-ECO Accessories

Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
01006600	4026857000525	Foul air trap DA/OD 110				1.5
01006800	4026857000549	Pipe socket DN 100				0.2
07307100	4026857020516	Closed end cap				0.4
07308100	4026857020523	End cap with pipe socket DA/OD 110				0.8

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>Connect pipe connections to the pipeline and align the components evenly. Fill concrete bed.</p>
	<p>Fill concrete, 3 parts sand + 1 part water + 1 part cement, into the base of the trench.</p> <p>Place cover gratings on the channels.</p>
	<p>Position channel string, sump unit and end cap on the concrete bed.</p> <p>Install paving. The layer should end 2 to 5 mm higher than the cover grating.</p>
