

Technical data sheet

SELF-150



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.

ANRIN DIRECT CONTACT: +49 (0) 29 47.97 81-0

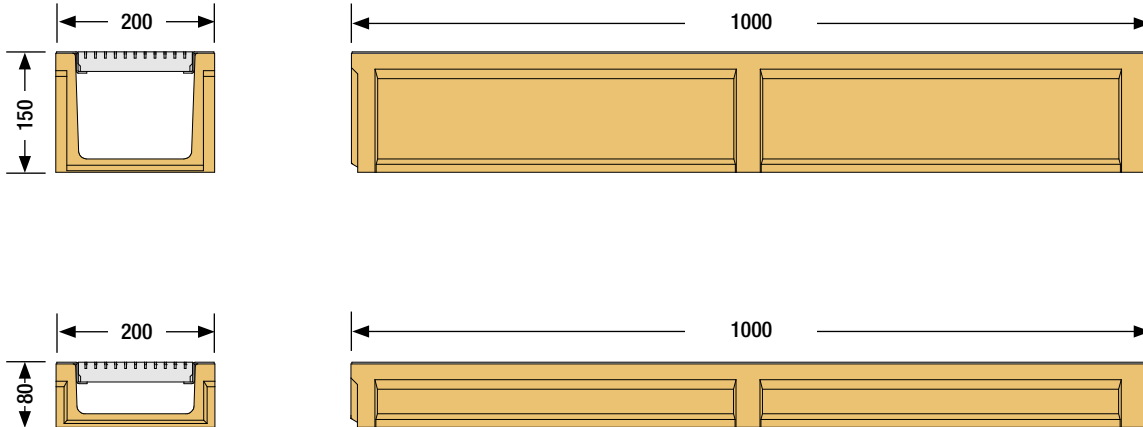
Product specifications

Product specifications	SELF-150
Material	Resin concrete
Length	50 cm and 100 cm
Width	20 cm
Height	15 cm and 8 cm
Weight	9.0 - 17.8 kg
Nominal width	150 mm
Slope type	Constant invert
Joint type	UNILINK® joint
Fastening	Screw fastening
Load capacity	A 15 - C 250
Cover gratings	galvanised grating, galvanised mesh grating, slotted cast iron

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, galvanised mesh grating, slotted cast iron

Channel dimensions



Channel types

Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
07310000	4026857027232	SELF-150 Channel, with galvanised grating, locked*	100	20.0	15.0	17.8
07310050	4026857027249	SELF-150 Channel with galvanised grating, locked*	50	20.0	15.0	9.0
07313000	4026857027256	SELF-150P Channel with galvanised grating, locked*	100	20.0	8.0	16.0
07311000	4026857020776	SELF-150 Channel with galvanised mesh grating, locked*	100	20.0	15.0	17.8
07311050	4026857020790	SELF-150 Channel with galvanised mesh grating, locked*	50	20.0	15.0	9.0
07314000	4026857020608	SELF-150P Channel with galvanised mesh grating, locked*	100	20.0	8.0	16.0
07312000	4026857027423	SELF-150 Channel with slotted cast iron, locked*	100	20.0	15.0	17.8
07312050	4026857027430	SELF-150 Channel with slotted cast iron, locked*	50	20.0	15.0	9.0
07314100	4026857027447	SELF-150P Channel with slotted cast iron, locked*	100	20.0	8.0	16.0

* Perforation DA/OD 110 for vertical outlet





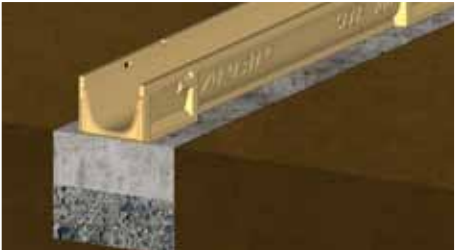

Accessories

Article no.	EAN	Designation	Length cm	Width cm	Height cm	Weight kg
07315000	4026857027263	SELF-150 Sump unit with galvanised grating, locked	50	20.0	58.5	25.0
07316000	4026857020820	SELF-150 Sump unit with galvanised mesh grating, locked	50	20.0	58.5	25.0
07317000	4026857027416	SELF-150 Sump unit with slotted cast iron, locked	50	20.0	58.5	25.0
07317100	4026857020844	End cap SELF-150 for start/for start of channel				0.5
07318100	4026857020851	End cap SELF-150 with pipe socket DA/OD 160, for end of channel				1.0
01006610	4026857000532	Foul air trap DA/OD 160				1.5
01006810	4026857000556	Pipe socket DA/OD 160				0.2

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