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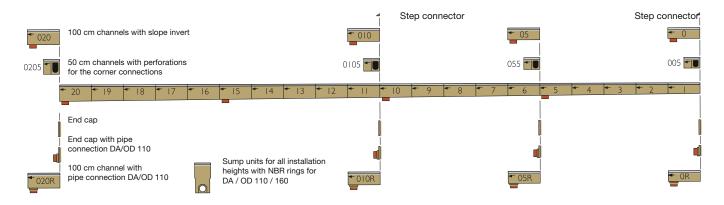


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Designation	Load class and page	
ANRIN DRAIN reinforced edge channels Channel drainage system ANRIN DRAIN, KE-100 to KE-300 for applications up to class F900		
KF-100 with black ductile-iron edge rail GJS KE-100 with galvanised steel edge rail KE-100 with black cataphoretic dip coated steel edge rail KE-100 with stainless steel edge rail KC-100 with galvanised steel edge rail KE-150 with galvanised steel edge rail KE-150 with stainless steel edge rail KE-200 with galvanised steel edge rail KE-200 with galvanised steel edge rail KE-200 with galvanised steel edge rail KE-300 with galvanised steel edge rail	A - E A - E A - E A - C A - E A - E A - E A - E	P. 09 P. 11 P. 13 P. 15 P. 17 P. 23 P. 25 P. 29 P. 30 P. 34
ANRIN DRAIN heavy duty channels Channel drainage system ANRIN DRAIN, SF-100 to SF-300 for applications up to class F900		
SF-100 SF-150 SF-200 SF-300 SOLID BLOCK 100, 200	A - F A - F A - F A - F	P. 37 P. 39 P. 41 P. 43 P. 45
ANRIN DRAIN slotted top channels Channel drainage system ANRIN DRAIN, Z-100 and Z-150 for applications up to class D400		
Z-100, Z-100 stainless steel Z-150, Z-150 stainless steel	A - C A - D	P. 47 P. 49
ANRIN DRAIN Point inlets Spot drainage for the load classes C250 and D400 / F900		
ANRIN DRAIN yard sumps ANRIN DRAIN Sump assembly system	A - B D - F	P. 53 P. 54
ANRIN SELF drainage channels of polymer concrete ANRIN SELF-100, - Slotted top, -ECO, -Mini ANRIN SELF-150, -200 ANRIN SELF-GL 100	A - B A - C A - C	P. 57 P. 65 P. 68
ANRIN SELF drainage channels of black polypropylene PP-EVO Channels NW 100 black polypropylene PP Channels NW 100 black polypropylene LC-150 Channels NW 150 PE-HD (polyethylene)	A A - C A - C	S. 63 S. 64 S. 64
ANRIN SELF yard sumps ANRIN SELF comfort boot scrapers and boot scrapers	A A	P. 69 P. 70
ANRIN Sport Drainage and bordering for sports facilities		
ANRIN SPORT Construction elements made of polymer concrete		P. 73
ANRIN SPORT drainage system 125 (Type A/B/E/F) ANRIN SPORT drainage system 125 (Type C.1/C.2/C.3/C.4) ANRIN SPORT drainage system 125 (Type C.5/C.6/C.7/C.8) ANRIN SPORT drainage system tray channel ANRIN SPORT drainage system tray channel with claw groove ANRIN SPORT drainage system turf edge plate ANRIN SPORT drainage system NW 100/125 synthetic turf ANRIN SPORT clamp stone and clamp rail ANRIN SPORT soft kerbings ANRIN SPORT sand trap channels ANRIN SPORT spot intake ANRIN SPORT cable distribution shaft		P. 75 P. 76 P. 77 P. 78 P. 79 P. 79 P. 80 P. 81 P. 82 P. 84 P. 84 P. 85
ANRIN International		P. 02
ANRIN drainage systems overview Load classes and associated road surfaces according to DIN 19580 / EN 1433 Channel slope types Channel combinations ANRIN seal set Installation of the channel systems General terms and conditions		P. 04 P. 05 P. 06 P. 07 P. 08 P. 86 P. 87

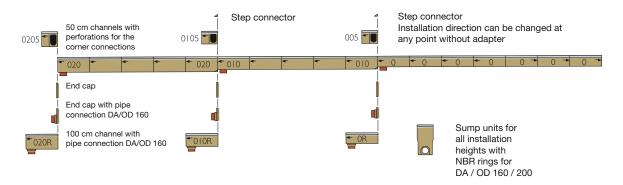
Dio 7 (14) (ii) aramaş	ge systems overview																
														it .	Š.		
		KE-100	KC-100	KE-150	KE-200	KE-300	KF-100	SF-100	SF-150	SF-200	SF-300	00	20	Point inlet	Sump ass.	щ	SPORT
	System	予	Α̈́	奇	Ā.	売	KF.	SF.	SF-	SF	SF.	Z-100	Z-150	Poir	Sun	SELF	SPC
Application	House, yard and garden											•		•			
	Landsdcape gardening																
	Pedestrian and cycle paths													•			
	Pedestrian zones													•			
	School yards													•			
	Railway platforms										•	•					
	Car parks										•	•					
	Multi-storey Car parks																
	Road edge drainage					•			•		•						
	Longitudinal drainage of roads																
	Industrial surfaces with heavy traffic						•				•						
	Ports				•	•					•						
	Airports								•	•	•						
	Container-depots			•	•	•	•		•	•	•						
	Filling stations acc. to Federal Water Act										•						
	Storage and Filling stations, depots acc. FWA						•				•						
	HGV parks				•		•				•						
	Playgroands			•	•		•					•	•	•			•
	Sports facilities	•												•	•		•
Channel material	Polymer concrete	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•
	Plastic																
Channel edge	Galvanised steel edge rail																
material	Stainless steel edge rail																
	Ductile-iron edge rail																
Load class	Class A15 (Test force 15 kN)																
	Class B125 (Test force 125 kN)																
	Class C250 (Test force 250 kN)				•												
	Class D400 (Test force 400 kN)																
	Class E600 (Test force 600 kN)																
	Class F900 (Test force 900 kN)																
Nominal width	100 mm																
	150 mm																
	200 mm																
	300 mm																
Slope type	Constant invert																
- 171	Stepped invert																
	Sloping invert 0.5%																
Joint technique	Tongue and groove system																
23 100.11.11900	Unilink-Joint, direction-independent																
Fastening	TwistLock																
technique	SnapLock, self-locking																
	RapidLock, self-locking																
	i apialon, soii-iuonii ig																

Load class	Area of applications	KE-100	KC-100	KE-150	KE-200	KE-300	KF-100	SF-100	SF-150	SF-200	SF-300	SOLID	Z-100	Z-150
A15 Test force 15 kN	Cycle and pedestrian paths	•	•	•	•	•	•	•	•	•	•	•	•	•
	School yards	•	•	•	•	•	•	•	•	•	•	•	•	•
T	Greened areas, landscaping	•	•	•	•	•	•	•	•	•	•	•	•	•
B125 Test force 125 kN	Pathways, pedestrian zones	•	•	•	•	•	•	•	•	•	•	•	•	•
	Car parks, parking decks	•	•	•	•	•	•	•	•	•	•	•	•	•
	Garage drives, courtyyards	•	•	•	•	•	•	•	•	•	•	•	•	•
C250 Test force 250 kN	Roadside drainage	•	•	•	•	•	•	•	•	•	•	•	•	•
-	Slip roads and hard shoulders	•	•	•	•	•	•	•	•	•	•	•	•	•
D400* Test force 400 kN	Roads	•		•	•	•	•	•	•	•	•	•	•	•
	Car parks, motorway parking	•		•	•	•	•	•	•	•	•	•	•	•
	Pedestrian roads	•		•	•	•	•	•	•	•	•	•	•	•
E600* Test force 600 kN	Roadways in industrial areas	•		•	•	•	•	•	•	•	•	•		
	Areas with high wheel loads	•		•	•	•	•	•	•	•	•	•		
	Non-public roads	•		•	•	•	•	•	•	•	•	•		
F900* Test force 900 kN	Special surfaces e.g.						•	•	•	•	•	•		
+	Landing strips						•	•	•	•	•	•		

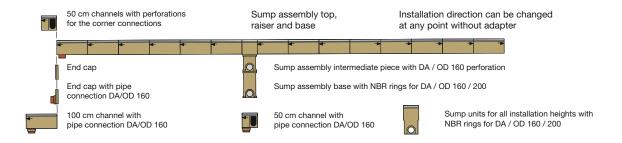
Sloping invert 0,5%

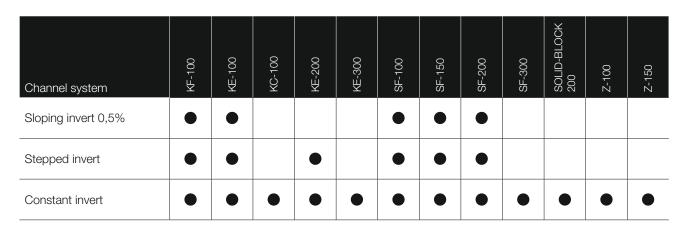


Stepped invert



Constant invert

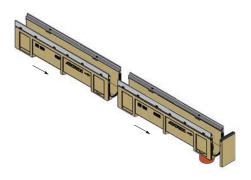


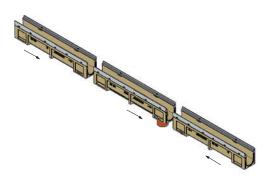


Combination of the system elements

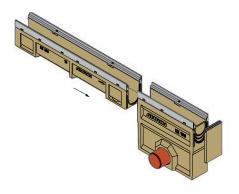
With our drainage systems, channel lines can be planned in unlimited ways. Thanks to the UNILINK joint system, the individual elements can be combined easily and simply.

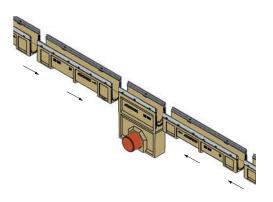
1. Vertical connection to the pipeline via a channel with pipe socket, at the end or in the middle of the channel run.



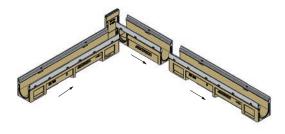


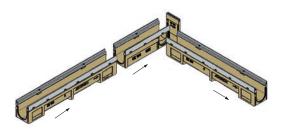
2. Installation of a sump unit at the end or in the middle of the channel run.



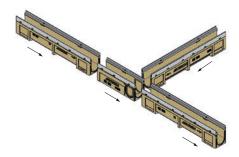


3. Corner connection with channel element with lateral preformed knockouts. Installation possible in the incoming or outgoing leg of the channel run.





4. T-joint with central arrangement of the channel element with preformed knockout options.



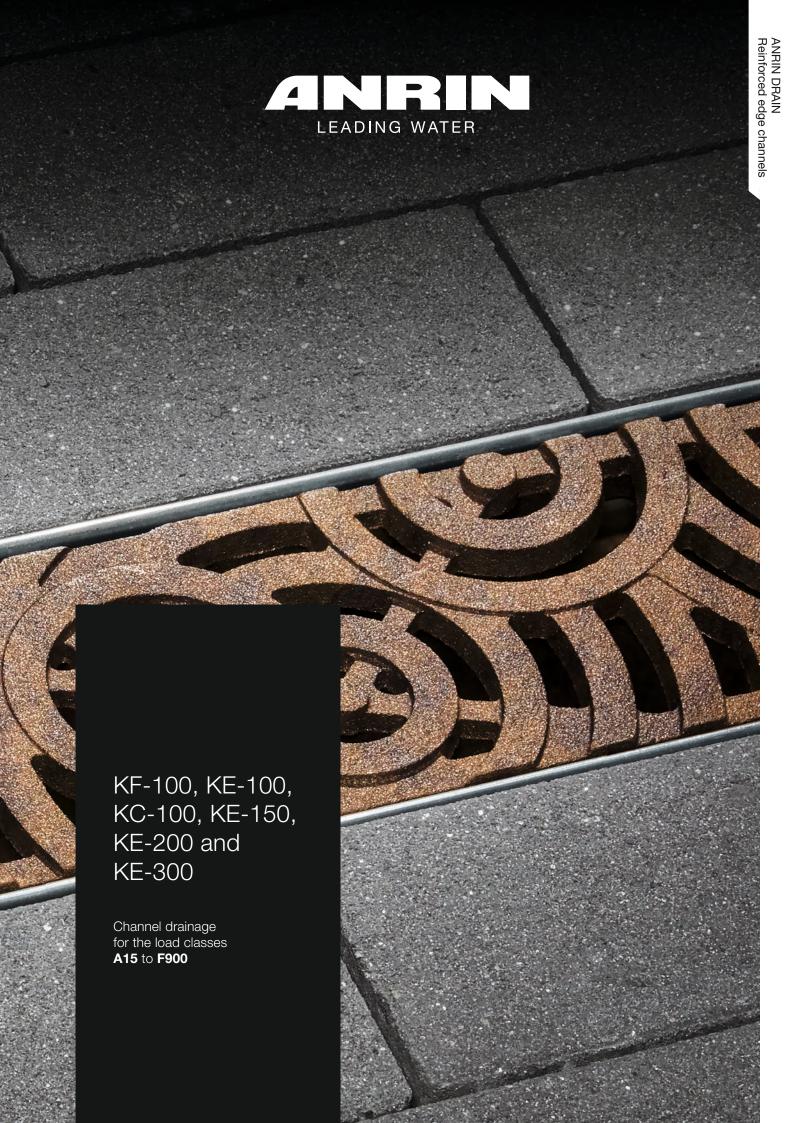
The Anrin Seal set comprises a Sealer (2 component permanently elastic sealant on polysulphide basis), a mixing stand including helix and a manual cartridge gun. Special applications are e.g. filling stations and installations for the storage, filling and handling, or for the production, treatment and utilisation of substances hazardous to water. The sealer is part of the joint sealing system with the general technical approval no. Z-74.6-27 and has a Kiwa certification. The rules given in the product data sheets and the general technical approval are to be observed.

Designation	Article no.	Content	Euro/piece
Sealer Cartridge Primer container Processing set	03209100 03209200 03209300	450 ml 1000 ml	on request on request on request

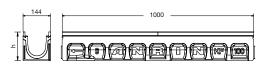


ANRIN Seal set Dosing and consumption

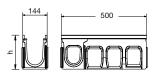
Channel system	Average consumption in ml. per joint	Sealer requirements / carridge à 450 ml	Primer requirements / container à 1000 ml
KE-100	21,4 ml	20 Joints	120 Joints
KE-150	65,2 ml	7 Joints	100 Joints
KE-200	73,6 ml	6 Joints	80 Joints
KE-300	104,3 ml	4 Joints	63 Joints
KF-100	21,4 ml	20 Joints	120 Joints
SF-100	50,8 ml	10 Joints	120 Joints
SF-150	66,2 ml	7 Joints	100 Joints
SF-200	79,8 ml	6 Joints	80 Joints
SF-300	110,3 ml	4 Joints	65 Joints











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Designation		Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / pal.	€uro/ Pc.
KF-100 Channel No.	0*	01600000	0	100	14.4	15.0	19.4	36	149.80
KF-100 Channel No.	0R****	01600410	0	100	14.4	15.0	19.6	35	168.50
KF-100 Channel No.	0RV***	01600430	0	100	14.4	15.0	19.6	35	168.50
KF-100 Channel No.	005**/*	01600450	0	50	14.4	15.0	10.5	18	107.30
KF-100 Channel No.	1	01600010	0.5	100	14.4	15.5	19.7	36	149.80
KF-100 Channel No.	2	01600020	0.5	100	14.4	16.0	20.0	36	149.80
KF-100 Channel No.	3	01600030	0.5	100	14.4	16.5	20.3	36	149.80
KF-100 Channel No.	4	01600040	0.5	100	14.4	17.0	20.6	36	149.80
KF-100 Channel No.	5*	01600050	0.5	100	14.4	17.5	20.9	36	149.80
KF-100 Channel No.	6	01600060	0.5	100	14.4	18.0	21.2	36	149.80
KF-100 Channel No.	7	01600070	0.5	100	14.4	18.5	21.5	36	149.80
KF-100 Channel No.	8	01600080	0.5	100	14.4	19.0	21.8	36	149.80
KF-100 Channel No.	9	01600090	0.5	100	14.4	19.5	22.1	36	149.80
KF-100 Channel No.	10*	01600100	0.5	100	14.4	20.0	22.4	36	149.80
KF-100 Channel No.	010*	01601000	0	100	14.4	20.0	22.2	36	149.80
KF-100 Channel No.	010R****	01601010	0	100	14.4	20.0	23	35	168.50
KF-100 Channel No.	010RV***	01601030	0	100	14.4	20.0	23	35	168.50
KF-100 Channel No.	0105**/*	01601050	0	50	14.4	20.0	12.4	18	107.30
KF-100 Channel No.	11	01600110	0.5	100	14.4	20.5	22.9	36	149.80
KF-100 Channel No.	12	01600120	0.5	100	14.4	21.0	23.2	36	149.80
KF-100 Channel No.	13	01600130	0.5	100	14.4	21.5	23.6	36	149.80
KF-100 Channel No.	14	01600140	0.5	100	14.4	22.0	23.9	36	149.80
KF-100 Channel No.	15*	01600150	0.5	100	14.4	22.5	24.3	36	149.80
KF-100 Channel No.	16	01600160	0.5	100	14.4	23.0	24.6	36	149.80
KF-100 Channel No.	17	01600170	0.5	100	14.4	23.5	24.9	36	149.80
KF-100 Channel No.	18	01600180	0.5	100	14.4	24.0	25.3	36	149.80
KF-100 Channel No.	19	01600190	0.5	100	14.4	24.5	25.6	36	149.80
KF-100 Channel No.	20*	01600200	0.5	100	14.4	25.0	26.0	36	149.80
KF-100 Channel No.	020*	01602000	0	100	14.4	25.0	21.5	36	149.80
KF-100 Channel No.	020R****	01602010	0	100	14.4	25.0	21.7	35	168.50
KF-100 Channel No.	020RV***	01602030	0	100	14.4	25.0	21.7	35	168.50
KF-100 Channel No.	0205**/*	01602050	0	50	14.4	25.0	14.4	18	107.30
			T .	I	1	I			
KF-100 Channel No.	0100*	01603000	0	100	14.4	10.0	16.8	36	149.80
KF-100 Channel No.	0100R****	01603010	0	100	14.4	10.0	17	35	168.50
KF-100 Channel No.	0100RV***	01603030	0	100	14.4	10.0	17	35	168.50

- Channel with mouldings for vertical outlet DA/OD 110
- Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross-over joints and vertical outlet
- Channel with cast-in Venturi Socket
- **** Channel with vertical pipe socket for use in the area of filling stations and LAU systems

General type approval:

For use in facilities of the storage, filling and handling of water polluting substances. Approval no. Z-74.4-30

Load classes:

A15, B125, C250, D400¹, E600¹, F900 according DIN 19580 / EN 1433 (1Exception: Cross-road drainage of busy roads) Sloping invert 0.5% or Stepped invert or Constant invert

Slope type: Joint: Material: Nominal width:

Direction-independent joint system UNILINK®, liquid-tight seal Polymer concrete, with black ductile-iron edge rail, 8 mm edge width

Width:

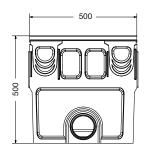
144 mm TwistLock and RapidLock-fastening

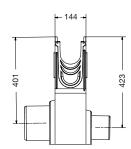
100 mm

Fastening:

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KF-100 Sump unit with dirt trap bucket outlets DA/OD 110 and 160 with shaped NBR-rings	01606000	50	14.4	50.0	36.0	9	357.30







Pipe socket HDPE			
DA/OD 110	03206800	0.2	7.00
DA/OD 160	03206810	0.6	22.80
Venturi insert vertical, pre-assembled	07809001		6.50

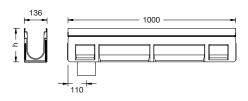
KF-100 Closed end cap with black ductile-iron edge re	ail and UNILINK-join	t		
for channel No. 0	01607050		0.9	33.30
for channel No. 0100	01607900		0.6	33.30
for channel No. 0 - 0105	01607000		1.1	33.30
for channel No. 0 - 0205	01607100		1.2	33.30

KF-100 End cap with pipe socket DA/OD 110 with black ductile-iron edge rail										
for channel No. 0	01608000		1.0		58.90					
for channel No. 10,010	01608100		1.2		58.90					
for channel No. 20,020	01608200		1.4		58.90					

KF-100 End cap with pipe socket DA/OD 50 with black ductile-iron edge rail and UNILINK-joint											
for channel No. 0100	01608900		0.4		58.90						
KF-100 Step connector for compensating level differen- ces, height = 5.00 cm	01607500		0.5		26.90						
Leaf trap screen	07809000				5.50						









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Designation		Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-100 Channel No.	0*	01100000	0	100	13.6	15.0	17.5	36	104.40
KE-100 Channel No.	0RV***	01100430	0	100	13.6	15.0	17.5	35	123.60
KE-100 Channel No.	005**/*	01100450	0	50	13.6	15.0	9.5	18	75.80
KE-100 Channel No.	1	01100010	0.5	100	13.6	15.5	17.5	36	104.40
KE-100 Channel No.	2	01100020	0.5	100	13.6	16.0	17.5	36	104.40
KE-100 Channel No.	3	01100030	0.5	100	13.6	16.5	18	36	104.40
KE-100 Channel No.	4	01100040	0.5	100	13.6	17.0	18	36	104.40
KE-100 Channel No.	5*	01100050	0.5	100	13.6	17.5	18.5	36	104.40
KE-100 Channel No.	05*	01100500	0	100	13.6	17.5	18.5	36	104.40
KE-100 Channel No.	05RV***	01100530	0	100	13.6	17.5	18.5	35	123.60
KE-100 Channel No.	055**/*	01100550	0	50	13.6	17.5	9.5	18	75.80
KE-100 Channel No.	6	01100060	0.5	100	13.6	18.0	19	36	104.40
KE-100 Channel No.	7	01100070	0.5	100	13.6	18.5	19.5	36	104.40
KE-100 Channel No.	8	01100080	0.5	100	13.6	19.0	19.5	36	104.40
KE-100 Channel No.	9	01100090	0.5	100	13.6	19.5	20	36	104.40
KE-100 Channel No.	10*	01100100	0.5	100	13.6	20.0	21	36	104.40
KE-100 Channel No.	010*	01101000	0	100	13.6	20.0	21	36	104.40
KE-100 Channel No.	010RV***	01101030	0	100	13.6	20.0	21	35	123.60
KE-100 Channel No.	0105**/*	01101050	0	50	13.6	20.0	10.5	18	75.80
KE-100 Channel No.	11	01100110	0.5	100	13.6	20.5	20.5	36	104.40
KE-100 Channel No.	12	01100120	0.5	100	13.6	21.0	21	36	104.40
KE-100 Channel No.	13	01100130	0.5	100	13.6	21.5	21.5	36	104.40
KE-100 Channel No.	14	01100140	0.5	100	13.6	22.0	21.5	36	104.40
KE-100 Channel No.	15*	01100150	0.5	100	13.6	22.5	22.5	36	104.40
KE-100 Channel No.	16	01100160	0.5	100	13.6	23.0	23	36	104.40
KE-100 Channel No.	17	01100170	0.5	100	13.6	23.5	23	36	104.40
KE-100 Channel No.	18	01100180	0.5	100	13.6	24.0	23.5	36	104.40
KE-100 Channel No.	19	01100190	0.5	100	13.6	24.5	24	36	104.40
KE-100 Channel No.	20*	01100200	0.5	100	13.6	25.0	24.5	36	104.40
KE-100 Channel No.	020*	01102000	0	100	13.6	25.0	25.5	36	104.40
KE-100 Channel No.	020RV***	01102030	0	100	13.6	25.0	25.5	35	123.60
KE-100 Channel No.	0205**/*	01102050	0	50	13.6	25.0	11.2	18	75.80
KE-100 Channel No.	060*	01104060	0	100	13.6	6.0	13.1	36	104.40
KE-100 Channel No.	060RV***	01104093	0	100	13.6	6.0	13.1	35	123.60
KE-100 Channel No.	080*	01103080	0	100	13.6	8.0	13.3	36	104.40
KE-100 Channel No.	080RV***	01103093	0	100	13.6	8.0	13.3	35	123.60
KE-100 Channel No.	0100*	01103000	0	100	13.6	10.0	14.4	36	104.40
KE-100 Channel No.	0100RV***	01103013	0	100	13.6	10.0	14.4	35	123.60

^{*} Channel with mouldings for vertical outlet DA/OD 110

Load classes:

Slope type: Joint: Material: Nominal width: Width: Fastening: A15, B125, C250, D4001, E6001 according DIN 19580 / EN 1433

(1Exception: Cross-road drainage of busy roads)

Sloping invert 0.5% or Stepped invert or Constant invert Direction-independent joint system UNILINK®, liquid-tight seal

Polymer concrete, with galvanised steel edge rails, 6 mm edge width 100 mm

136 mm

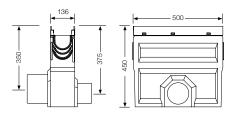
TwistLock-fastening

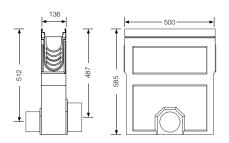
^{**} Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross-over joints and vertical outlet

^{***} Channel with cast-in Venturi Socket

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-100 Sump unit with dirt trap bucket outlets DA/OD 110 and 160 with shaped NBR-rings	01106000	50	13.6	58.5	38.5	9	273.90
KE-100 Sump unit low height for channels up to No.10 with dirt trap bucket outlets DA/OD 110 and 160 with shaped NBR-rings	01106010	50	13.6	45.0	21.8	9	251.80







Pipe socket			
DA/OD 110	01006800	0.2	7.00
DA/OD 160	01006810	0.6	22.80
Venturi insert vertical, pre-assembled	07809001		6.50

KE-100 Closed end cap with galvanised steel edge a	nd UNILINK-joint		
for Channel No. 0	01107050	1.4	27.40
for Channel No. 0-0205	01107000	1.6	27.40
for Channel No. 060	01107400	0.9	27.40
for Channel No. 080	01107800	1.0	27.40
for Channel No. 0100	01107900	1.2	27.40

KE-100 End cap with venturi soo with galvanised steel edge and L			
for Channel No. 0	01108000	1.0	52.50
for Channel No. 5.05	01108050	1.1	52.50
for Channel No. 10,010	01108100	1.2	52.50
for Channel No. 20,020	01108200	1.4	52.50

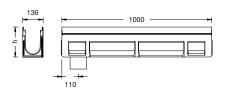
KE-100 End cap with pipe swith galvanised steel edge a			
for Channel No. 080	01108800	0.4	52.50
for Channel No. 0100	01108900	0.4	52.50
KE-100 Step connector for compensating level differences	01107500	0.5	28.00
Leaf trap screen	07809000		5.50













Designation		Article	Slope	Lenght	Width	Height	Weight	Pc. /	€uro/
, and the second se	0*		%	cm	cm	cm	kg	Pal.	Pc.
KE-100 Channel No.	0* 0RV***	01500000	0	100	13.6	15.0	17.5	36	133.50
KE-100 Channel No.	1	01500430	0	100	13.6	15.0	17.5	35	151.60
KE-100 Channel No.	005**/*	01500450	0	50	13.6	15.0	9.5	18	96.20
KE-100 Channel No.	1	01500010	0.5	100	13.6	15.5	17.5	36	133.50
KE-100 Channel No.	2	01500020	0.5	100	13.6	16.0	17.5	36	133.50
KE-100 Channel No.	3	01500030	0.5	100	13.6	16.5	18	36	133.50
KE-100 Channel No.	4	01500040	0.5	100	13.6	17.0	18	36	133.50
KE-100 Channel No.	5*	01500050	0.5	100	13.6	17.5	18.5	36	133.50
	T		1_	T		T	T	T	T
KE-100 Channel No.	05*	01500500	0	100	13.6	17.5	18.5	36	133.50
KE-100 Channel No.	05RV***	01500530	0	100	13.6	17.5	18.5	35	151.60
KE-100 Channel No.	055**/*	01500550	0	50	13.6	17.5	9.5	18	96.20
KE-100 Channel No.	6	01500060	0.5	100	13.6	18.0	19	36	133.50
KE-100 Channel No.	7	01500070	0.5	100	13.6	18.5	19.5	36	133.50
KE-100 Channel No.	8	01500080	0.5	100	13.6	19.0	19.5	36	133.50
KE-100 Channel No.	9	01500090	0.5	100	13.6	19.5	20	36	133.50
KE-100 Channel No.	10*	01500100	0.5	100	13.6	20.0	21	36	133.50
		1							
KE-100 Channel No.	010*	01501000	0	100	13.6	20.0	21	36	133.50
KE-100 Channel No.	010RV***	01501030	0	100	13.6	20.0	21	35	151.60
KE-100 Channel No.	0105**/*	01501050	0	50	13.6	20.0	10.5	18	96.20
KE-100 Channel No.	11	01500110	0.5	100	13.6	20.5	20.5	36	133.50
KE-100 Channel No.	12	01500120	0.5	100	13.6	21.0	21	36	133.50
KE-100 Channel No.	13	01500130	0.5	100	13.6	21.5	21.5	36	133.50
KE-100 Channel No.	14	01500140	0.5	100	13.6	22.0	21.5	36	133.50
KE-100 Channel No.	15*	01500150	0.5	100	13.6	22.5	22.5	36	133.50
KE-100 Channel No.	16	01500160	0.5	100	13.6	23.0	23	36	133.50
KE-100 Channel No.	17	01500170	0.5	100	13.6	23.5	23	36	133.50
KE-100 Channel No.	18	01500180	0.5	100	13.6	24.0	23.5	36	133.50
KE-100 Channel No.	19	01500190	0.5	100	13.6	24.5	24	36	133.50
KE-100 Channel No.	20*	01500200	0.5	100	13.6	25.0	24.5	36	133.50
KE-100 Channel No.	020*	01502000	0	100	13.6	25.0	25.5	36	133.50
KE-100 Channel No.	020RV***	01502000	0	100	13.6	25.0	25.5	35	151.60
KE-100 Channel No.	0205**/*	01502050	0	50	13.6	25.0	11.2	18	96.20
TE 100 OHAHHEINO.	0200 /	01002000	I ~	100	10.0	20.0	11.4	1.0	1 30.20
KE-100 Channel No.	060*	01504060	0	100	13.6	6.0	13.1	36	133.50
KE-100 Channel No.	060RV***	01504093	0	100	13.6	6.0	13.1	35	151.60
KE-100 Channel No.	080*	01503080	0	100	13.6	8.0	13.3	36	133.50
KE-100 Channel No.	080RV***	01503093	0	100	13.6	8.0	13.3	35	151.60
KE-100 Channel No.	0100*	01503000	0	100	13.6	10.0	14.4	36	133.50
KE-100 Channel No.	0100RV***	01503013	0	100	13.6	10.0	14.4	35	151.60

- * Channel with mouldings for vertical outlet DA/OD 110
- ** Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross-over joints and vertical outlet

Load classes:

Slope type: Joint: Material: Nominal width: Width: Fastening: **A15, B125, C250, D400¹, E600¹** according DIN 19580 / EN 1433

(1Exception: Cross-road drainage of busy roads)

Sloping invert 0.5% or Stepped invert or Constant invert

Direction-independent joint system UNILINK®, liquid-tight seal

Polymer concrete, with black cataphoretic dip coated steel edge rail, 6 mm edge width

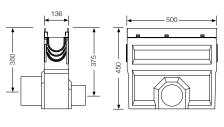
100 mm 136 mm

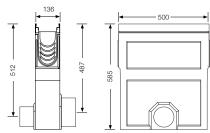
TwistLock-fastening

^{***} Channel with cast-in Venturi Socket

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-100 Sump unit with dirt trap bucket outlets DA/OD 110 and 160 with shaped NBR-rings	01506000	50	13.6	58.5	38.5	9	301.90
KE-100 Sump unit low height for channels up to No. 10 with dirt trap bucket outlets DA/OD 110 and 160 with shaped NBR-rings	01506010	50	13.6	45.0	21.8	9	283.30







Pipe socket			
DA/OD 110	01006800	0.2	7.00
DA/OD 160	01006810	0.6	22.80
Venturi insert vertical, pre-assembled	07809001		6.50

KE-100 Closed end cap with black galvanised steel ed	ge and UNILINK-joi	nt		
for Channel No. 0	01507050		1.4	27.40
for Channel No. 0-0205	01507000		1.6	33.30
for Channel No. 060	01507400		0.9	33.30
for Channel No. 080	01507800		1.0	33.30
for Channel No. 0100	01507900		1.2	33.30

0.00.000	'''	
01507000	1.6	33.30
01507400	0.9	33.30
01507800	1.0	33.30
01507900	1.2	33.30
	01507400 01507800	01507000

with black galvanised steel edge		nt		
for Channel No. 0	01508000		1.0	60.70
for Channel No. 5,05	01508050		1.1	60.70
for Channel No. 10,010	01508100		1.2	60.70
for Channel No. 20,020	01508200		1.4	60.70
	01000200			00.7

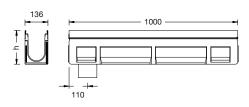
KE-100 End cap with pipe so with black galvanised steel ed		nt		
for Channel No. 080	01508800		0.4	60.70
for Channel No. 0100	01508900		0.4	60.70
KE-100 Step connector for compensating level differences	01107500		0.5	28.00
Leaf trap screen	07809000			5.50













Designation		Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-100 Channel No.	0*	01400000	0	100	13.6	15.0	17.5	36	232.00
KE-100 Channel No.	0RV***	01400430	0	100	13.6	15.0	17.5	35	250.60
KE-100 Channel No.	005**/*	01400450	0	50	13.6	15.0	9.5	18	166.70
KE-100 Channel No.	1	01400010	0.5	100	13.6	15.5	17.5	36	232.00
KE-100 Channel No.	2	01400020	0.5	100	13.6	16.0	17.5	36	232.00
KE-100 Channel No.	3	01400030	0.5	100	13.6	16.5	18.0	36	232.00
KE-100 Channel No.	4	01400040	0.5	100	13.6	17.0	18.0	36	232.00
KE-100 Channel No.	5*	01400050	0.5	100	13.6	17.5	18.5	36	232.00
KE-100 Channel No.	05*	01400500	0	100	13.6	17.5	18.5	36	232.00
KE-100 Channel No.	05RV***	01400530	0	100	13.6	17.5	18.5	35	250.60
KE-100 Channel No.	055**/*	01400550	0	50	13.6	17.5	9.5	18	166.70
	,		_	1			1		
KE-100 Channel No.	6	01400060	0.5	100	13.6	18.0	19.0	36	232.00
KE-100 Channel No.	7	01400070	0.5	100	13.6	18.5	19.5	36	232.00
KE-100 Channel No.	8	01400080	0.5	100	13.6	19.0	19.5	36	232.00
KE-100 Channel No.	9	01400090	0.5	100	13.6	19.5	20.0	36	232.00
KE-100 Channel No.	10*	01400100	0.5	100	13.6	20.0	21.0	36	232.00
KE-100 Channel No.	010*	01401000	0	100	13.6	20.0	21.0	36	232.00
KE-100 Channel No.	010RV***	01401000	0	100	13.6	20.0	21.0	35	250.60
KE-100 Channel No.	0105**/*	01401050	0	50	13.6	20.0	10.5	18	166.70
TE 100 Onamorto.	0100 7	01401000	10	00	10.0	20.0	10.0	10	100.70
KE-100 Channel No.	11	01400110	0.5	100	13.6	20.5	20.5	36	232.00
KE-100 Channel No.	12	01400120	0.5	100	13.6	21.0	21.0	36	232.00
KE-100 Channel No.	13	01400130	0.5	100	13.6	21.5	21.5	36	232.00
KE-100 Channel No.	14	01400140	0.5	100	13.6	22.0	21.5	36	232.00
KE-100 Channel No.	15*	01400150	0.5	100	13.6	22.5	22.5	36	232.00
KE-100 Channel No.	16	01400160	0.5	100	13.6	23.0	23.0	36	232.00
KE-100 Channel No.	17	01400170	0.5	100	13.6	23.5	23.0	36	232.00
KE-100 Channel No.	18	01400180	0.5	100	13.6	24.0	23.5	36	232.00
KE-100 Channel No.	19	01400190	0.5	100	13.6	24.5	24.0	36	232.00
KE-100 Channel No.	20*	01400200	0.5	100	13.6	25.0	24.5	36	232.00
KE-100 Channel No.	020*	01402000	0	100	13.6	25.0	25.5	36	232.00
KE-100 Channel No.	020RV***	01402030	0	100	13.6	25.0	25.5	35	250.60
KE-100 Channel No.	0205**/*	01402050	0	50	13.6	25.0	25.5	18	166.70
KE-100 Channel No.	060*	01404060	0	100	13.6	6.0	13.1	36	232.00
KE-100 Channel No.	060RV***	01404093	0	100	13.6	6.0	13.1	35	250.60
KE-100 Channel No.	080*	01403080	0	100	13.6	8.0	13.3	36	232.00
KE-100 Channel No.	080RV***	01403093	0	100	13.6	8.0	13.3	35	250.60
KE-100 Channel No.	0100*	01403000	0	100	13.6	10.0	14.4	36	232.00
KE-100 Channel No.	0100RV***	01403013	0	100	13.6	10.0	14.4	35	250.60

^{*} Channel with mouldings for vertical outlet DA/OD 110

Load classes:

Slope type: Joint: Material: Nominal width: Width: Fastening: **A15, B125, C250, D400¹, E600¹** according DIN 19580 / EN 1433

(¹Exception: Cross-road drainage of busy roads)

Sloping invert 0.5% or Stepped invert or Constant invert Direction-independent joint system UNILINK®, liquid-tight seal Polymer concrete, with stainless steel edge rail, $\bf 6$ mm edge width

100 mm 136 mm

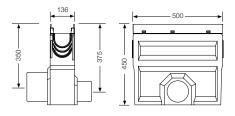
TwistLock-fastening

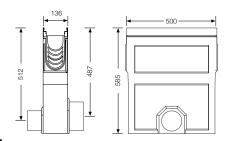
^{*} Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross- over joints and vertical outlet

^{***} Channel with cast-in Venturi Socket

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-100 Sump unit with dirt trap bucket outlets DN 100 and 160 with shaped NBR-rings	01406000	50	13.6	58.5	38.5	9	384.70
KE-100 Sump unit low height for channels up to No.10 with dirt trap bucket outlets DA/ OD 110 and 160 with shaped NBR-rings	01406010	50	13.6	45.0	21.8	9	359.00







Pipe socket			
DA/OD 110	01006800	0.2	7.00
DA/OD 160	01006810	0.6	22.80
Venturi insert vertical, pre-assembled	07809001		6.50

KE-100 Closed end cap with stainless steel edge and UNILINK-joint							
for Channel No. 0	01407050	1.4	58.30				
for Channel No. 0-0205	01407000	1.6	58.30				
for Channel No. 060	01407400	0.9	58.30				
for Channel No. 080	01407800	1.0	58.30				
for Channel No. 0100	01407900	1.2	58.30				

KE-100 Closed end cap with stainless steel edge and UNILINK-joint							
for Channel No. 0	01407050		1.4		58.30		
for Channel No. 0-0205	01407000		1.6		58.30		
for Channel No. 060	01407400		0.9		58.30		
for Channel No. 080	01407800		1.0		58.30		
for Channel No. 0100	01407900		1.2		58.30		



KE-100 End cap with venturi socket DA/OD 110 with stainless steel edge and UNILINK-joint					
for Channel No. 0	01408000		1.0		85.10
for Channel No. 5,05	01408050		1.1		85.10
for Channel No. 10,010	01408100		1.2		85.10
for Channel No. 20,020	01408200		1.4		85.10

01408800	0.4		85.10
01408900	0.4		85.10
01107500	0.5		28.00
07809000			5.50
	01408900	01408900	01408900



Designation		Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KC-100 Channel No.	0*	01800000	0	100	13.0	15.0	12.4	36	92.70
KC-100 Channel No.	0100*	01803000	0	100	13.0	10.0	8.3	36	92.70
KC-100 Channel Nr.	0RV***	01800330	0	100	13.0	15.0	12.4	36	112.80
KC-100 Channel Nr.	005	01800450	0	50	13.0	15.0	5.8	36	62.40
KC-100 Channel Nr.	0100RV***	01803330	0	100	13.0	10.0	8.3	36	112.80

^{*} Channel with mouldings for vertical outlet DA/OD 110 *** Channel with cast-in Venturi Socket







A15, B125, C250 according DIN 19580 / EN 1433 Load classes:

Slope type: Constant invert

Direction-independent joint system UNILINK® Joint: Material:

Polymer concrete, with galvanised edge rail, 2 mm edge width

100 mm 130 mm

TwistLock-fastening

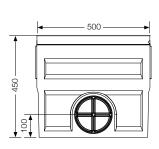
Nominal width:

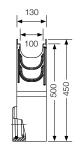
Width:

Fastening:

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KC-100 Sump unit with dirt trap bucket Outlets DN 100 and 160 with shaped NBR-rings	01806000	50	13.0	45.0	19.3	9	230.80







Pipe socket			
DA/OD 110	01006800	0.2	7.00
DA/OD 160	01006810	0.6	22.80
Venturi insert vertical, pre-assembled	07809001		6.50

KC-100 Closed end cap with galvanised steel edge rail an	d UNILINK-joint		
for Channel No. 0	01807000	1.6	24.50
for Channel No. 0100	01807900	0.9	24.50

KC-100 End cap with venturi socket DA/OD 110 with galvanised steel edge rail and UNILINK-joint					
for Channel No. 0	01808000				46.10
Leaf trap screen	07809000				5.50







Slotted steel grating, Double slotted steel grating, galvanised, stainless steel, Load classes: **A15, C250**, Lenght: 50 cm, 100 cm, SW 10 mm



Perforated grating, galvanised, stainless steel Load classes: **A15, C250**, Lenght: 50 cm, 100 cm, Ø 6 mm



Mesh grating, galvanised, stainless steel Load classes: B125, C250, D400, Lenght: 50 cm, 100 cm MW 30 x 14 mm / 30 x 10 mm / 20 x 14 mm



Longitudinal profile grating, stainless steel Load classes: **B125, D400**, Lenght: 50 cm, 100 cm, SW 5 mm



Slotted grating, OvalGrip Design, polyamide, gray Load class: **B125** and **C250**, Lenght: 50 cm, SW 8 mm



Slotted grating, OvalGrip Design, polyamide, black Load class: C250, Lenght: 50 cm, SW 8 mm



Slotted grating SW 10, ductile-iron, cataphoretic dip coating Load class: **C250**, Lenght: 50 cm, SW 10 mm



Slotted grating, OvalGrip Design, ductile-iron, cataphoretic dip coating Load classes: **C250, E600***, Lenght: 50 cm, SW 10 mm Load class: **F900** only for channel KF-100

^{*} Exception: Cross-road drainage of busy roads SW = slot width / MW = mesh width



Longitudinal-bar grating, ductile-iron, cataphoretic dip coating Load class: **D400***, Lenght: 50 cm, MW 25 x 10 mm



Design grating, CELTIC, ductile-iron, uncoated Load class: C250, Lenght: 50 cm, SW 10 mm



Slotted grating, MASSIV 32, ductile-iron, uncoated Load class: **E600***, Lenght: 50 cm, SW 11 mm Only suitable for KE-100.



Design grating, CIRCLE, GJS ductile-iron, cataphoretic dip coating Load class: **D400**, Lenght: 50 cm, \varnothing 19,5 mm



Design grating, LEAF, ductile-iron, uncoated Load class: **C250**, Lenght: 50 cm, SW 5 - 9 mm



Slotted grating, HEELGUARD, ductile-iron, coated in black Load class: **D400***, Lenght: 50 cm, SW 6 mm



Design grating, WIRE Design, ductile-iron, cataphoretic dip coating Load class: **D400***, Lenght: 50 cm, SW 5 mm



Slotted grating, MASSIV 32, ductile-iron, cataphoretic dip coating Load class: **E600***, Lenght: 50 cm, SW 11 mm Only suitable for KE-100.

* Exception: Cross-road drainage of busy roads SW = slot width / MW = mesh width

KF-100, KE-100 and KC-100



KF-100, KE-100 and KC-100



KF-100, KE-100 and KC-100







Slotted grating, ductile-iron GJS, OvalGrip Design,

cataphoretic dip coating,

SW 10 mm

01005060

50

12.3

420

3.6

200

50.70

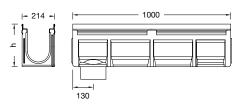
Designation	Article	Lenght cm	Width cm	Inlet Ø cm²/m	Weight kg	Pc. / Pal.	€uro/ Pc.
Load class A15							
Slotted steel grating,	01004200	100	12.3	280	2.4	200	33.30
galvanised, SW 10 mm	01004220	50	12.3	280	1.2	50	29.20
Slotted steel grating,	01004300	100	12.3	280	2.4	200	148.10
stainless steel, SW 10 mm	01004320	50	12.3	280	1.2	50	100.90
Perforated grating,	01004440	100	12.3	178	1.2	200	32.70
galvanised, Ø 6 mm	01004460	50	12.3	178	0.6	50	26.30
Perforated grating,	01004441	100	12.3	178	1.2	200	148.10
galvanised, Ø 6 mm	01004442	50	12.3	178	0.8	50	100.90
Load class B125							
Mesh grating, galvanised	01004100	100	12.3	870	2.8	200	69.40
MW 30 x 14 mm	01004120	50	12.3	870	1.5	50	46.10
Longitudinal profile grating, stainless steel, SW 5 mm	01004250	100	12.3	532	4.1	200	308.90
	01004270	50	12.3	532	2.1	50	188.90
Slotted grating, polyamide OvalGrip Design SW 8 mm, color gray	01004140	50	12.3	338	1.1	200	36.20
Load class C250							
Double slotted steel grating,	01004600	100	12.3	280	5.0	200	91.50
galvanised, SW 10 mm	01004620	50	12.3	280	2.5	50	61.80
Double slotted steel grating,	01004640	100	12.3	280	5.0	200	328.10
stainless steel, SW 10 mm	01004660	50	12.3	280	2.5	50	218.60
Mesh grating, galvanised	01004500	100	12.3	770	4.2	200	97.40
MW 30 x 10 mm	01004520	50	12.3	770	2.2	50	68.20
Mesh grating, stainless steel MW 20 x 14 mm	01004540	100	12.3	770	4.2	200	503.50
WW 20 X 14 MM	01004560	50	12.3	770	2.1	50	308.30
Perforated grating,	01004700	100	12.3	178	4.6	200	137.00
galvanised, Ø 6 mm	01004720	50	12.3	178	2.3	50	78.10
Perforated grating, stainless steel, Ø 6 mm	01004740	100	12.3	178	4.9	200	415.60
Slotted grating polyamide OvalGrip design, SW 8 mm, color black	01004760	50	12.3	338	1.1	200	46.70
Slotted grating polyamide OvalGrip design, SW 8 mm, color grey	01004141	50	12.3	338	1.1	200	46.70
		_					

Designation	Article	Lenght cm	Width cm	Inlet Ø cm²/m	Weight kg	Pc. / Pal.	€uro/ Pc.
Load class C250							
Slotted grating, cataphoretic dip coating, ductile-iron GJS, SW 10 mm	01005021	50	12.3	350	5.8	200	50.70
Design grating, LEAF ductile-iron, uncoated, SW 9 mm	01004470	50	12.3	114	4.1	200	114.90
Design grating, CELTIC ductile-iron, uncoated SW 10 mm	01004480	50	12.3	222	3.9	200	114.90
_oad class D400¹							
Longitudinal profile grating, stainless steel, SW 5 mm	01004930 01004931	100	12.3 12.3	505 505	5.2	200	448.80 252.40
Mesh grating, galvanised MW 20 x 14 mm	01004900 01004920	100	12.3 12.3	720 720	5.2	200	146.00 97.80
Mesh grating, stainless steel MW 20 x 14 mm	01004940 01004960	100 50	12.3 12.3	720 720	4.2	200	472.00 316.10
Longitudinal-bar grating, ductile-iron GJS, cataphoretic dip coating, MW 25 x 10 mm	01004970	50	12.3	420	4.1	200	64.70
Slotted grating, HEELGUARD, ductile-iron GJS, coated in black, SW 6 mm	01004980	50	12.3	360	3.8	200	61.80
Slotted grating, HEELGUARD ductile-iron GJS, cataphoretic dip coating, SW 6mm	01004982	50	12,3	360	3,8	200	68.80
Design grating, WIRE, ductile-iron GJS, cataphoretic dip coating, SW 5 mm	01004971	50	12.3	282	3.8	200	68.80
Design grating, CIRCLE, ductile-iron, cataphoretic dip coating, Ø 19,5 mm	01004972	50	12.3	191	4.2	200	68.80
Load class E600¹							
Slotted grating, ductile-iron GJS Oval Grip Design, cataphoretic dip coating, SW 10 mm	01005120	50	12.3	420	5.0	200	73.50
Design grating, MASSIV 32*, ductile-iron GJS, uncoated, SW 11 mm, only suitable for KE-100.	01005130	50	13.5	370	5.8	200	103.80
Design grating, MASSIV 32*, ductile-iron GJS, cataphoretic dip coating, only suitable for KE-100.	01005131	50	13.5	370	5.8	200	103.80
Load class F900 ¹							
Slotted grating, ductile-iron GJS Oval Grip Design, with Rapid- Lock, cataphoretic dip coating, SW 10 mm	01006120	50	12.3	420	5.0	200	82.50

¹ Exception: Cross-road drainage of busy roads

 * Grate resting on top. Therefore only suitable for KE-100 gutters!







			Clause	l an alak	\	I I = ! = ! = !	\	D- /	Court /
Designation		Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-150 Channel No.	0*	01111000	0	100	21.4	22.0	33.0	20	142.20
KE-150 Channel No.	0R***	01111010	0	100	21.4	22.0	33.0		165.60
KE-150 Channel No.	005**/*	01111050	0	50	21.4	22.0	17.9		103.80
	1								
KE-150 Channel No.	1*	01110010	0.5	100	21.4	22.5	30.3	15	142.20
KE-150 Channel No.	2*	01110020	0.5	100	21.4	23.0	30.6	15	142.20
KE-150 Channel No.	3*	01110030	0.5	100	21.4	23.5	30.9	15	142.20
KE-150 Channel No.	4*	01110040	0.5	100	21.4	24.0	31.2	15	142.20
KE-150 Channel No.	5*	01110050	0.5	100	21.4	24.5	31.5	15	142.20
KE-150 Channel No.	6*	01110060	0.5	100	21.4	25.0	31.8	15	142.20
KE-150 Channel No.	7*	01110070	0.5	100	21.4	25.5	32.1	15	142.20
KE-150 Channel No.	8*	01110080	0.5	100	21.4	26.0	32.4	15	142.20
KE-150 Channel No.	9*	01110090	0.5	100	21.4	26.5	32.7	15	142.20
KE-150 Channel No.	10*	01110100	0.5	100	21.4	27.0	33.0	15	142.20
KE-150 Channel No.	010*	01112000	0	100	21.4	27.0	35.6	15	142.20
KE-150 Channel No.	010R***	01112010	0	100	21.4	27.0	36.5		165.60
KE-150 Channel No.	0105*/**	01112050	0	50	21.4	27.0	19.0		103.80
L/E 450 OL	1	01110110	10.5	100	04.4	07.5	05.5	45	1 10 00
KE-150 Channel No.	11*	01110110	0.5	100	21.4	27.5	35.5	15	142.20
KE-150 Channel No.	12*	01110120	0.5	100	21.4	28.0	35.8	15	142.20
KE-150 Channel No.	13*	01110130	0.5	100	21.4	28.5	36.1	15	142.20
KE-150 Channel No.	14*	01110140	0.5	100	21.4	29.0	36.4	15	142.20
KE-150 Channel No.	15*	01110150	0.5	100	21.4	29.5	36.7	15	142.20
KE-150 Channel No.	16*	01110160	0.5	100	21.4	30.0	37.0	15	142.20
KE-150 Channel No.	17*	01110170	0.5	100	21.4	30.5	37.3	15	142.20
KE-150 Channel No.	18*	01110180	0.5	100	21.4	31.0	37.6	15	142.20
KE-150 Channel No.	19*	01110190	0.5	100	21.4	31.5	37.9	15	142.20
KE-150 Channel No.	20*	01110200	0.5	100	21.4	32.0	38.2	15	142.20
VE 450 Ob No	000*	01110000		100	01.4	00.0	00.0	4.5	1 10 00
KE-150 Channel No.	020*	01113000	0	100	21.4	32.0	38.6	15	142.20
KE-150 Channel No.	020R***	01113010	0	100	21.4	32.0	38.6		165.60
KE-150 Channel No.	0205*/**	01113050	0	50	21.4	32.0	20.9		103.80
KE-150 Channel No.	150P****	01114000	0	100	21.4	13.0	20.1	20	142.20
KE-150 Channel No.	150PRV****	01114050	0	100	21.4	13.0	20.1		165.60
	I	T	I -						
KE-150 Channel No.	0170*	01114100	0	100	21.4	17.0	20.9		142.20

- Channel with mouldings for vertical outlet DA/OD 160 Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross- over joints and vertical outlet
- Channel with vertical pipe socket DA/OD 160
- Channel with mouldings for vertical outlet DA/OD 110
- ***** Channel with cast-in venturi socket

Optional with black steel edge rail KTL.

Load classes:

Slope type: Joint: Material: Nominal width: Width: Fastening:

A15, B125, C250, D400¹, E600¹ according DIN 19580 / EN 1433

(1Exception: Cross-road drainage of busy roads)

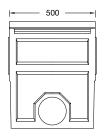
Sloping invert 0.5% or Stepped invert or Constant invert Direction-independent joint system UNILINK®, liquid-tight seal Polymer concrete, with galvanised steel edge rails, 6 mm edge width

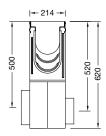
150 mm 214 mm

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-150 Sump unit with dirt trap bucket Outlets DA/OD 160 and 200 with shaped NBR-rings	01116000	50	21.4	62.0	54.0	7	469.20



Note: ANRIN DRAIN system Sump assembly with outlet DA/OD 160, 200 height 1075 mm and 1475 mm see Page 55!



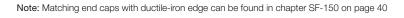


Pipe socket			
DA/OD 110	03206810	0.6	22.80
DA/OD 160	03206820	0.8	56.00

KE-150 Closed end cap with galvanised steel edge and UNILINK-joint								
for Channel No. 0 - 0205	03217000	2.4	35.00					
for Channel No. 0	03217050	2.5	35.00					
for Channel No. 150P, PR	03217400	1.0	35.00					
for Channel No. 0170	03217600	1.2	35.00					

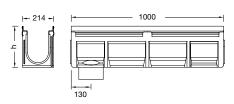
KE-150 End cap with pipe soo with galvanised steel edge and			
for Channel No. 0	03218100	2.3	71.70
for Channel No. 10,010	03218200	3.1	71.70
for Channel No. 20,020	03218300	3.5	71.70
for Channel No. 150P	03218400	0.8	71.70
with pipe socket DA/OD 70			

KE-150 Step connector for compensating level differences			
	03217500	0.5	28.00











Designation		Article	Slope	9	Width	Height	Weight	Pc. /	€uro/
ű	0*	01411000	%	cm	cm	cm	kg	Pal.	Pc.
KE-150 Channel No.	0° 0R***	01411000	0	100	21.4	22.0	33.0	20	299.60 322.30
			-						
KE-150 Channel No.	005**/*	01411050	0	50	21.4	22.0	17.9		215.70
KE-150 Channel No.	1*	01410010	0.5	100	21.4	22.5	30.3	15	299.60
KE-150 Channel No.	2*	01410020	0.5	100	21.4	23.0	30.6	15	299.60
KE-150 Channel No.	3*	01410030	0.5	100	21.4	23.5	30.9	15	299.60
KE-150 Channel No.	4*	01410040	0.5	100	21.4	24.0	31.2	15	299.60
KE-150 Channel No.	5*	01410050	0.5	100	21.4	24.5	31.5	15	299.60
KE-150 Channel No.	6*	01410060	0.5	100	21.4	25.0	31.8	15	299.60
KE-150 Channel No.	7*	01410070	0.5	100	21.4	25.5	32.1	15	299.60
KE-150 Channel No.	8*	01410080	0.5	100	21.4	26.0	32.4	15	299.60
KE-150 Channel No.	9*	01410090	0.5	100	21.4	26.5	32.7	15	299.60
KE-150 Channel No.	10*	01410100	0.5	100	21.4	27.0	33.0	15	299.60
	T	I	1.						
KE-150 Channel No.	010*	01412000	0	100	21.4	27.0	35.6	15	299.60
KE-150 Channel No.	010R***	01412010	0	100	21.4	27.0	35.5		322.30
KE-150 Channel No.	0105**/*	01412050	0	50	21.4	27.0	19.0		215.70
KE-150 Channel No.	11*	01410110	0.5	100	21.4	27.5	35.5	15	299.60
KE-150 Channel No.	12*	01410120	0.5	100	21.4	28.0	35.8	15	299.60
KE-150 Channel No.	13*	01410130	0.5	100	21.4	28.5	36.1	15	299.60
KE-150 Channel No.	14*	01410140	0.5	100	21.4	29.0	36.4	15	299.60
KE-150 Channel No.	15*	01410150	0.5	100	21.4	29.5	36.7	15	299.60
KE-150 Channel No.	16*	01410160	0.5	100	21.4	30.0	37.0	15	299.60
KE-150 Channel No.	17*	01410170	0.5	100	21.4	30.5	37.3	15	299.60
KE-150 Channel No.	18*	01410180	0.5	100	21.4	31.0	37.6	15	299.60
KE-150 Channel No.	19*	01410190	0.5	100	21.4	31.5	37.9	15	299.60
KE-150 Channel No.	20*	01410200	0.5	100	21.4	32.0	38.2	15	299.60
								1	
KE-150 Channel No.	020*	01413000	0	100	21.4	32.0	38.6	15	299.60
KE-150 Channel No.	020R***	01413010	0	100	21.4	32.0	38.9		322.30
KE-150 Channel No.	0205**/*	01413050	0	50	21.4	32.0	20.9		215.70
KE-150 Channel No.	150P****	01414000	0	100	21.4	13.0	20.1	20	299.60
KE-150 Channel No.	150PRV****	01414050	0	100	21.4	13.0	20.1	24	322.30
				1.00					
KE-150 Channel No.	0170*	01414100	0	100	21.4	17.0	20.9		299.60

- * Channel with mouldings for vertical outlet DA/OD 160
- ** Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross- over joints and vertical outlet
- *** Channel with vertical pipe socket DA/OD 160
- **** Channel with mouldings for vertical outlet DA/OD 110
- ***** Channel with cast-in venturi socket

Load classes:

Slope type: Joint: Material: Nominal width: Width: Fastening: **A15, B125, C250, D400¹, E600¹** according DIN 19580 / EN 1433

(1Exception: Cross-road drainage of busy roads)

Sloping invert 0.5% or Stepped invert or Constant invert Direction-independent joint system UNILINK®, liquid-tight seal Polymer concrete, with stainless steel edge rail, 6 mm edge width 150 mm

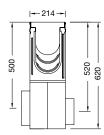
214 mm

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-150 Sump unit with dirt trap bucket Outlets DA/OD 160 and 200 with shaped NBR-rings	01416000	50	21.4	62.0	54.0	7	591.50



Note: ANRIN DRAIN system Sump assembly with outlet DA/OD 160, 200 height 1075 mm and 1475 mm see Page 55!



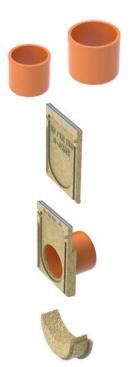


Pipe socket			
DA/OD 160	03206810	0.6	22.80
DA/OD 200	03206820	0.8	56.00

KE-150 Closed end cap with stainless steel edge rail at	nd UNILINK-joint		
for Channel No. 0 - 0205	01417000	2.4	63.00
for Channel No. 0	01417050	2.5	63.00
for Channel No. 150P, PR	01417400	1.0	63.00
for Channel No. 0170	01417600	1.2	63.00

KE-150 End cap with Pipe socket DA/OD 160 with stainless steel edge rail and UNILINK-joint									
for Channel No. 0	01418100		1.5		102.00				
for Channel No. 10,010	01418200		1.5		102.00				
for Channel No. 20,020	01418300		2.0		102.00				
for Channel No. 150P	01418400		1.5		102.00				
with Pipe socket DA/OD 70									

KE-150 Step connector for compensating level difference	s		
	03217500	0.5	28.00





Mesh grating, galvanised, stainless Load classes: **C250** Lenght: 50 cm, 100 cm, MW 30 x 10 mm



Longitudinal profile grating, stainless Load class: **C250** Lenght: 50 cm, 100 cm, SW 5 mm



Longitudinal-bar grating, ductile-iron GJS, cataphoretic dip coating Load classes: **D400***, **E600*** Lenght: 50 cm, MW 25 x 11 mm



Design grating, WIRE, ductile-iron GJS, cataphoretic dip coating Load class: **D400*** Lenght: 50 cm, SW 5 mm



Mesh grating, galvanised, stainless steel Load classes: **C250, D400*** Lenght: 50 cm, 100 cm, 20 x 20 mm



Slotted grating with OvalGrip Design, ductile-iron GJS, cataphoretic dip coating Load classes: **D400***, **E600*** Lenght: 50 cm, SW 12 mm

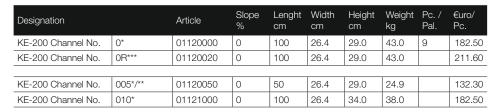


Slotted grating, HEELGUARD, ductile-iron GJS, coated in black or cataphoretic dip coating Load class: **D400***Lenght: 50 cm, SW 6 mm

^{*} Exception: Cross-road drainage of busy roads SW = slot width / MW = mesh width

Designation	Article	Lenght cm	Width cm	Inlet Ø cm²/m	Weight kg	Pc. / Pal.	€uro/ Pc.
Load class C250							
Mesh grating galvanised, MW 30 x 10	01114500 01114520	100	20.0	1240 1240	9.8	96 96	268.00 189.50
Mesh grating stainless steel, MW 20 x 20	01114540 01114560	100	20.0	1240 1240	9.5 4.9	96 96	556.20 389.40
Longitudinal profile grating stainless steel, SW 5 mm	01114640 01114660	100	20.0	814 814	9.5 4.9	96 96	838.60 562.40
Load class D400 ¹							
Mesh grating galvanised, MW 20 x 20	01115300 01115320	100	20.0	1170 1170	9.8	96 96	294.20 219.00
Mesh grating stainless steel, MW 20 x 20	01115400 01115420	100	20.0	1170 1170	9.5 4.9	96 96	746.50 592.50
Slotted grating with OvalGrip Design ductile-iron GJS, cataphoretic dip coating, SW 12 mm	01115220	50	20.0	760	7.1	112	110.20
Design grating, WIRE, ductile-iron GJS, cataphoretic dip coating, SW 5 mm	01115630	50	20.0	440	7.0	112	110.20
Longitudinal-bar grating ductile-iron GJS, cataphoretic dip coating, MW 25 x 11 mm	01115620	50	20.0	700	7.8	112	110.20
Slotted grating, HEELGUARD ductile-iron GJS, SW 6 mm, coated in black	01115230	50	20.0	430	8.0	112	110.20
Slotted grating, HEELGUARD ductile-iron GJS, SW 6 mm cataphoretic dip coating	01115231	50	20.0	430	8.0	112	110.20
Load class E600 ¹							
Slotted grating with OvalGrip Design ductile-iron GJS, cataphoretic dip coating, SW 12 mm	01115120	50	20.0	760	9.3	112	114.90
Longitudinal-bar grating ductile-iron GJS cataphoretic dip coating, MW 25 x 11 mm	01115520	50	20.0	700	7.8	112	114.90
Access hook, stainless steel for the removal of the cover gratings	01119999						48.00

¹ Exception: Cross-road drainage of busy roads





- * Channel with mouldings for vertical outlet DA/OD 160
- ** Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross- over joints and vertical outlet
- Channel with vertical pipe socket DA/OD 160

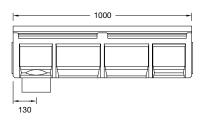


KE-200 Channel No.	200P****	01124000	0	100	26.4	13.0	22.2	18	182.50
KE-200 Channel No.	200PRV****	01124030	0	100	26.4	13.0	22.2		211.60
KE-200 Channel No.	0240*	01120240	0	100	26.4	24.0	31.0		182.50
KE-200 Channel No.	0240R	01120242	0	100	26.4	24.0	31.7		211.60

^{***} Channel with mouldings for vertical outlet DA/OD 110

Optional with black steel edge rail KTL.





Load classes:

A15, B125, C250, D4001, E6001 according DIN 19580 / EN 1433

Slope type:

('Exception: Cross-road drainage of busy roads) Constant invert, Stepped invert

Joint: Material: Direction-independent joint system UNILINK®, liquid-tight seal

Nominal width:

Polymer concrete, with galvanised steel edge rails, 6 mm edge width

Width:

200 mm 264 mm

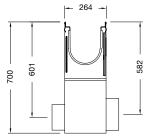
Fastening:

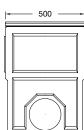
^{*****} Channel with cast-in venturi socket

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-200 Sump unit with galvanised mud bucket and Outlets DA/OD 160 and 200 with shaped NBR-rings	01126000	50	26.4	70.0	59.8	6	545.50



Note: ANRIN DRAIN system Sump assembly with outlet DA/OD 160, 200 height 1075 mm and 1475 mm see Page 55!





Pipe socket			
DA/OD 160	03206810	0.6	22.80
DA/OD 200	03206820	0.8	56.00

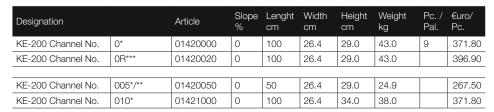
KE-200 Closed end cap with galvanised steel edge and UNILINK-joint										
for Channel No. 0,0240	03227050		3.8		47.30					
for Channel No. 200P	03227400		2.8		47.30					
for Channel No. 010	03227000				47.30					

KE-200 End cap with Pipe socket with galvanised steel edge and UNILINK-joint										
for Channel No. 0	03228000		3.5		77.00					
with Pipe socket DA/OD 160										
for Channel No. 010	03228100		5.0		77.00					
with Pipe socket DA/OD 160										
for Channel No. 200P	03228500		1.7		77.00					
with Pipe socket DA/OD 70										

KE-200 Step connector for compensating level difference	ces		
	01207500	0.7	39.10



Note: Matching end caps with ductile-iron edge can be found in chapter SF-200 on page 41.





- * Channel with mouldings for vertical outlet DA/OD 160
- ** Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross- over joints and vertical outlet
- *** Channel with vertical pipe socket DA/OD 160

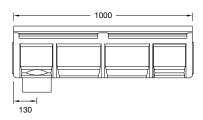


KE-200 Channel No.	200P****	01424000	0	100	26.4	13.0	22.2	18	371.80
KE-200 Channel No.	200PRV****	01424030	0	100	26.4	13.0	22.2		396.90
KE-200 Channel No.	0240*	01420240	0	100	26.4	24.0	31.0		371.80
KE-200 Channel No.	0240R	01420242	0	100	26.4	24.0	31.7		396.90

^{****} Channel with mouldings for vertical outlet DA/OD 110

***** Channel with cast-in venturi socket





Load classes:

Slope type: Joint: Material: Nominal width: Width: Fastening: A15, B125, C250, D4001, E6001 according DIN 19580 / EN 1433

(1Exception: Cross-road drainage of busy roads)

Constant invert, Stepped invert

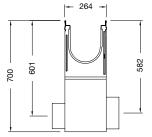
Direction-independent joint system UNILINK®, liquid-tight seal Polymer concrete, with stainless steel edge rail, 6 mm edge width 200 mm

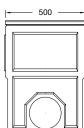
264 mm

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-200 Sump unit with dirt trap bucket and Outlets DA/OD 160 and 200 with shaped NBR-rings	01426000	50	26.4	70.0	59.8	6	639.30



Note: ANRIN DRAIN system Sump assembly with outlet DA/OD 160, 200 height 1075 mm and 1475 mm see Page 55!





Pipe socket			
DA/OD 160	03206810	0.6	22.80
DA/OD 200	03206820	0.8	56.00

KE-200 Closed end cap with stainless steel edge rail and	UNILINK-joint		
for Channel No. 0,0240	01427000	3.8	77.00
for Channel No. 200P	01427400	2.8	77.00
for Channel No. 010	01427010		77.00

KE-200 End cap with Pipe socket DA/OD 160 with stainless steel edge rail and UNILINK-joint								
for Channel No. 0	01428000		3.5		106.70			
with Pipe socket DA/OD 160								
for Channel No. 010	01428100		5.0		106.70			
with Pipe socket DA/OD 160								
for Channel No. 200P	01428500		1.7		106.70			
with Pipe socket DA/OD 70								

KE-200 Step connector for compensating level difference	s		
	01207500	0.7	39.10







Mesh grating, galvanised, stainless steel Load classes: **C250**, Lenght: 50 cm, 100 cm, MW 30 x 20 mm / 20 x 20 mm



Mesh grating, galvanised, stainless steel Load classes: **D400*** Lenght: 50 cm, 100 cm, MW 20 x 20 mm



Slotted grating with OvalGrip Design, ductile-iron GJS, cataphoretic dip coating Load classes: **D400***, **E600***, Lenght: 50 cm, SW 12 mm



Slotted grating, HEELGUARD, ductile-iron GJS, black coating or cataphoretic dip coating, Load classes: **D400***, Lenght: 50 cm, SW 6 mm

^{*} Exception: Cross-road drainage of busy roads SW = slot width / MW = mesh width

Designation	Article	Lenght cm	Width cm	Inlet Ø cm²/m	Weight kg	Pc. / Pal.	€uro/ Pc.
Load class C250							
Mesh grating	01124500	100	25.0	1640	10.8	96	312.10
galvanised, MW 30 x 20	01124520	50	25.0	1640	5.2	96	220.00
Mesh grating	01124540	100	25.0	1640	9.7	96	1018.50
stainless steel, MW 30 x 20	01124560	50	25.0	1640	5.1	96	711.90
Load class D400 ¹							
Marala amatina	01125300	100	25.0	1566	13.8	96	412.70
Mesh grating galvanised, MW 20 x 20	01125320	50	25.0	1566	6.8	96	288.30
<u></u>	01120020	- 00	20.0	1000	0.0	30	200.00
Mesh grating	01125400	100	25.0	1566	12.6	96	1301.30
stainless steel, MW 20 x 20	01125420	50	25.0	1566	6.5	96	980.30
Slotted grating with OvalGrip Design ductile-ironn GJS, cataphoretic dip coating, SW 12 mm	01125220	50	25.0	990	11.5	96	166.70
Slotted grating HEELGUARD ductile-iron GJS, coated in black, SW 6 mm	01125230	50	25.0	560	9.3	96	186.50
Slotted grating HEELGUARD ductile-iron GJS, cataphoretic dip coating, SW 6 mm	01125231	50	25.0	560	9.3	96	186.50
Load class E600¹							
Slotted grating with OvalGrip Design ductile-iron GJS, cataphoretic dip coating, SW 12 mm	01125120	50	25.0	990	11.9	96	186.50
Access hook, stainless steel for the removal of the cover gratings	01119999						48.00

¹ Exception: Cross-road drainage of busy roads

ANRIN DRAIN Reinforced edge channels KE-300 with galvanised steel edge rail with UNILINK-joint and SnapLock-fastening





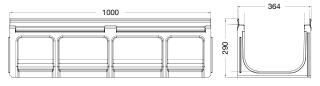
Designation		Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
KE-300 Channel No.	0	01130000	0	100	36.4	29.0	49.7		287.80
KE-300 Channel No.	0R***	01130010	0	100	36.4	29.0	48.4		317.20
KE-300 Channel with opening Sump assembly top	0SK*	01130060	0	100	36.4	29.0	48.4		339.50
KE-300 Channel No.	020	01132000	0	100	36.4	39.0	58.8		287.80
KE-300 Channel No.	020R***	01132010	0	100	36.4	39.0	57.5		317.20
KE-300 Channel with opening Sump assembly top	020SK*	01132060	0	100	36.4	39.0	57.5		339.50
Sump assembly base with connection DA/OD 160, 200 and shaped NBR-rings		03236160		48	33.0	64.5	43.2	5	294.30

- Channel with vertical opening Sump assembly top Channel with vertical pipe socket DA/OD 200

Optional with stainless steel edge rail or black steel edge rail KTL.

KE/SF 300 Closed end c with UNILINK-joint	ар						
KE/SF-300 End cap with cast-edge for Channel No.	0	03237000			4.3		75.20
KE/SF-300 End cap with galvanized steel edge for Channel No.	0/020	03237010			5.5	_	75.20

KE/SF 300 End cap with pipe socket DA/OD 200 with UNILINK-joint									
KE/SF-300 End cap with cast-edge for Channel No.	0	01137000					9.4		132.30
KE-300 End cap with galvanized steel edge for Channel No.	020	03238010					9.9		132.30





Designation	Article	Lenght cm	Width cm	Inlet Ø cm²/m	Weight kg	Pc./ Pal.	€uro/ Pc.
Slotted grating with OvalGrip Design ductile-iron GJS, cataphoretic dip coating	01135220	50	35.1		18.0		249.80
Slotted grating with HEELGUARD Design ductile-iron GJS, cataphoretic dip coating	01135240	50	35.1	791	17.9		269.80
Access hook, stainless steel for the removal of the cover gratings	01119999						48.00

Load classes:

Slope type: Joint: Material: Nominal width: Width: Fastening:

A15, B125, C250, D400¹ according DIN 19580 / EN 1433

(1Exception: Cross-road drainage of busy roads)

Constant invert

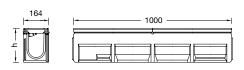
Direction-independent joint system UNILINK $\!\!^{\scriptscriptstyle{(\!0)}}\!,$ liquid-tight seal Polymer concrete, with galvanized steel edge rail, 6 mm edge width

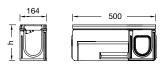
300 mm 364 mm

Cover gratings











Designation		Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SF-100 Channel No.	0*	03201000	0	100	16.4	16.5	36.0	25	335.70
SF-100 Channel No.	0R***	03201010	0	100	16.4	16.5	36.0	25	357.30
SF-100 Channel No.	005**/*	03201050	0	50	16.4	16.5	19.0	10	207.50
05.400.01				1.00	1.0.4	1-0		0.5	005.70
SF-100 Channel No.	1*	03200010	0.5	100	16.4	17.0	36.0	25	335.70
SF-100 Channel No.	2*	03200020	0.5	100	16.4	17.5	36.4	25	335.70
SF-100 Channel No.	3*	03200030	0.5	100	16.4	18.0	36.6	25	335.70
SF-100 Channel No.	4*	03200040	0.5	100	16.4	18.5	36.8	25	335.70
SF-100 Channel No.	5*	03200050	0.5	100	16.4	19.0	37.0	25	335.70
SF-100 Channel No.	6*	03200060	0.5	100	16.4	19.5	37.3	25	335.70
SF-100 Channel No.	7*	03200070	0.5	100	16.4	20.0	37.5	25	335.70
SF-100 Channel No.	8*	03200080	0.5	100	16.4	20.5	38.0	25	335.70
SF-100 Channel No.	9*	03200090	0.5	100	16.4	21.0	38.3	25	335.70
SF-100 Channel No.	10*	03200100	0.5	100	16.4	21.5	38.5	25	335.70
SF-100 Channel No.	010*	03202000	0	100	16.4	21.5	38.5	25	335.70
SF-100 Channel No.	010R***	03202010	0	100	16.4	21.5	38.5	25	357.30
SF-100 Channel No.	0105**/*	03202050	0	50	16.4	21.5	21.0	10	207.50
			-						
SF-100 Channel No.	11*	03200110	0.5	100	16.4	22.0	39.0	20	335.70
SF-100 Channel No.	12*	03200120	0.5	100	16.4	22.5	39.3	20	335.70
SF-100 Channel No.	13*	03200130	0.5	100	16.4	23.0	39.8	20	335.70
SF-100 Channel No.	14*	03200140	0.5	100	16.4	23.5	40.5	20	335.70
SF-100 Channel No.	15*	03200150	0.5	100	16.4	24.0	41.0	20	335.70
SF-100 Channel No.	16*	03200160	0.5	100	16.4	24.5	41.4	20	335.70
SF-100 Channel No.	17*	03200170	0.5	100	16.4	25.0	41.6	20	335.70
SF-100 Channel No.	18*	03200180	0.5	100	16.4	25.5	41.7	20	335.70
SF-100 Channel No.	19*	03200190	0.5	100	16.4	26.0	41.9	20	335.70
SF-100 Channel No.	20*	03200200	0.5	100	16.4	26.5	42.0	20	335.70
CE 100 Channel No	000*	00000000		100	16.4	06 F	100	00	205 70
SF-100 Channel No.	020*	03203000	0	100	16.4	26.5	42.0	20	335.70
SF-100 Channel No.	020R***	03203010	_	100	16.4	26.5	42.0	20	357.30
SF-100 Channel No.	0205**/*	03203050	0	50	16.4	26.5	23.0	10	207.50
SF-100 Channel No.	100-P*	03204000	0	100	16.4	10.0	32.0	25	335.70
SF-100 Channel No.	100-PR***	03204010	0	100	16.4	10.0	32.0	25	357.30

- Channel with mouldings for vertical outlet DA/OD 110
- Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross- over joints and vertical outlet
- *** Channel with vertical pipe socket DA/OD 110

General type approval:

For use in facilities of the storage, filling and handling of water polluting substances.

Approval no. Z-74.4-30

A15, B125, C250, D400¹, E600¹ and **F900¹** according DIN 19580 / EN 1433

(1Exception: Cross-road drainage of busy roads)

Sloping invert 0.5% or Stepped invert or Constant invert

UNILINK®-joint 100 mm 164 mm

RapidLock-fastening

Load classes:

Slope type:

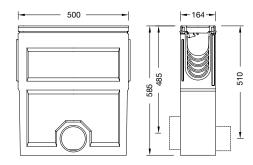
Joint: Nominal width: Width:

Fastening:

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Sump unit SF-100 incl. ductile-iron grating cl. F900 with RapidLock fastening with mud bucket with DA/OD 110 poured pipe socket and perforations DA/OD 160	03206000	50	16.4	58.5	42.0	9	477.30



Note: ANRIN DRAIN system Sump assembly with outlet DA/OD 160, 200 height 1075 mm and 1475 mm see Page 55!



Step connector			
for compensating level differences	01107500	0.5	28.00
Pipe socket			

Pipe socket			
DA/OD 110	03206800	0.2	7.00
DA/OD 160	03206810	0.6	22.80

End cap with Unilink joint and ductile-iron edge	ge		
for Channel No. 0 - 0205	03207010	2.4	39.10
for Channel No. 100P	03207510	1.0	39.10

End cap with Pipe socket with Unilink joint and ductile-iron	edge with DA/OD 1	10 poured pipe socket		
for Channel No. 0,005	03208010	1	1.8	65.90
for Channel No. 10,010	03208110	2	2.1	65.90
for Channel No. 20,020	03208210	2	2.5	65.90
for Channel No. 100-P with pipe socket DA/OD 70	03208510		0.6	65.90



¹ Exception: Cross-road drainage of busy roads



SF-150 channel with slotted ductile-iron grating cl. F9001











Designation		Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SF-150 Channel No.	0*	03211000	0	100	21.4	22.0	30.0	20	439.60
SF-150 Channel No.	0R***	03211010	0	100	21.4	22.0	30.0		460.00
					1			1	
SF-150 Channel No.	005**/*	03211050	0	50	21.4	22.0	17.0	8	245.50
SF-150 Channel No.	1*	03210010	0.5	100	21.4	22.5	33.4	16	439.60
SF-150 Channel No.	2*	03210020	0.5	100	21.4	23.0	33.8	16	439.60
SF-150 Channel No.	3*	03210030	0.5	100	21.4	23.5	34.2	16	439.60
SF-150 Channel No.	4*	03210040	0.5	100	21.4	24.0	34.6	16	439.60
SF-150 Channel No.	5*	03210050	0.5	100	21.4	24.5	35.0	16	439.60
SF-150 Channel No.	6*	03210060	0.5	100	21.4	25.0	35.4	16	439.60
SF-150 Channel No.	7*	03210070	0.5	100	21.4	25.5	35.8	16	439.60
SF-150 Channel No.	8*	03210080	0.5	100	21.4	26.0	36.2	16	439.60
SF-150 Channel No.	9*	03210090	0.5	100	21.4	26.5	36.6	16	439.60
SF-150 Channel No.	10*	03210100	0.5	100	21.4	27.0	37.0	16	439.60
			1.		1	1			
SF-150 Channel No.	010*	03212000	0	100	21.4	27.0	37.0	16	439.60
SF-150 Channel No.	010R***	03212010	0	100	21.4	27.0	37.0		460.00
SF-150 Channel No.	0105**/*	03212050	0	50	21.4	27.0	18.8	8	245.50
			T -	T	T				
SF-150 Channel No.	020*	03213000	0	100	21.4	32.0	40.7	12	439.60
SF-150 Channel No.	020R***	03213010	0	100	21.4	32.0	40.7		460.00
SF-150 Channel No.	0205*/**	03213050	0	50	21.4	32.0	20.4	8	245.50

- Channel with mouldings for vertical outlet DA/OD 160
- Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross-over joints
- Channel with vertical pipe socket DA/OD 160

End cap with Unilink joint and ductile-iron	edge				
for Channel No. 0-0205	03217010			2.5	45.50

End cap with Pipe so with Unilink joint and DA/OD 160 poured p	ductile-iron					
for Channel No.	0,005	03218110			2.8	81.10
for Channel No.	10,010	03218210			3.4	81.10
for Channel No.	020	03218310			3.6	81.10

General type approval:

For use in facilities of the storage, filling and handling of water polluting substances. Approval no. Z-74.4-30

Load classes:

A15, B125, C250, D400¹, E600¹ and **F900¹** according DIN 19580 / EN 1433 (1Exception: Cross-road drainage of busy roads)

Slope type: Joint:

Sloping invert 0.5% or Stepped invert or Constant invert

Nominal width: Width: Fastening:

UNILINK®-joint 150 mm 214 mm

RapidLock-fastening

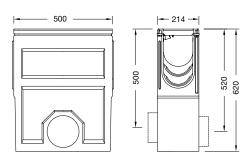
Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Sump unit SF-150 with mud bucket with DA/OD 160 poured pipe socket and perforations DA/OD 200	03216000	50	21.4	62.0	55.1	6	653.40



SF-150 sump unit with slotted ductile-iron grating cl. $\textbf{F900}^{\text{1}}$

Note: ANRIN DRAIN system Sump assembly with outlet DA/OD 160, 200 height 1075 mm and 1475 mm see Page 55!

DA/OD 160



or compensating level difference	es 03217500	0.7		28.00
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0.6

22.80

03206810

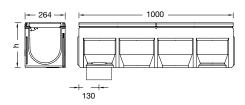




¹ Exception: Cross-road drainage of busy roads



SF-200 channel with slotted ductile-iron grating cl. **F900**¹





SF-200 flat channel with slotted ductile-iron grating cl. **F900**¹



Designation		Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SF-200 Channel No.	0*	03220000	0	100	26.4	29.0	48.2	9	657.50
SF-200 Channel No.	0R***	03220010	0	100	26.4	29.0	48.2		679.70
SF-200 Channel No.	005*/**	03220050	0	50	26.4	29.0	25.6	6	365.50
SF-200 Channel No.	1*	03221010	0.5	100	26.4	29.5	48.2	9	657.50
SF-200 Channel No.	2*	03221020	0.5	100	26.4	30.0	48.8	9	657.50
SF-200 Channel No.	3*	03221030	0.5	100	26.4	30.5	49.4	9	657.50
SF-200 Channel No.	4*	03221040	0.5	100	26.4	31.0	50.0	9	657.50
SF-200 Channel No.	5*	03221050	0.5	100	26.4	31.5	50.6	9	657.50
SF-200 Channel No.	6*	03221060	0.5	100	26.4	32.0	51.2	9	657.50
SF-200 Channel No.	7*	03221070	0.5	100	26.4	32.5	51.8	9	657.50
SF-200 Channel No.	8*	03221080	0.5	100	26.4	33.0	52.4	9	657.50
SF-200 Channel No.	9*	03221090	0.5	100	26.4	33.5	53.0	9	657.50
SF-200 Channel No.	10*	03221100	0.5	100	26.4	34.0	53.6	9	657.50
05.000.01	0.40+			400	00.4				057.50
SF-200 Channel No.	010*	03223000	0	100	26.4	34.0	54.0	9	657.50
SF-200 Channel No.	010R***	03223010	0	100	26.4	34.0	54.0		679.70
SF-200 Channel No.	0105*/**	03223050	0	50	26.4	34.0	29.6	6	365.50
SF-200 Channel No.	200-P***	03225000	0	100	26.4	13.0	30.4	18	657.50
SF-200 Channel No.	200-PR****	03225010	0	100	26.4	13.0	30.4		679.70

- * Channel with mouldings for vertical outlet DA/OD 160
- ** Channel with sidewise perforations for the connection of t-junctions. elbow joints and cross-over joints
- *** Channel with DA/OD 160 poured pipe socket
- **** Channel with mouldings for vertical outlet DA/OD 110
- ***** Channel with vertical pipe socket DA/OD 110

End cap with UNILINA	K joint and du	ctile-iron ed	ge			
for Channel No.	0 - 010	03227010			2.8	60.10
for Channel No.	200-P	03227410			1.3	60.10

End cap with Pipe socket with UNILINK and ductile-iron edge with poured pipe socket DA/OD 160										
for Channel No.	0, 005	03228010					3.6		90.40	
for Channel No.	10, 010, 0105	03228110					3.9		90.40	
for Channel No.	200-P	03228510					1.3		90.40	

General type approval:

Load classes:

Nominal width:

Slope type: Joint:

For use in facilities of the storage, filling and handling of water polluting substances.

Approval no. Z-74.4-30

A15, B125, C250, D4001, E6001 and F9001 according DIN 19580 / EN 1433

(1Exception: Cross-road drainage of busy roads)

Sloping invert 0.5% or Stepped invert or Constant invert

UNILINK®-joint 200 mm 264 mm

RapidLock-fastening

41

Width:

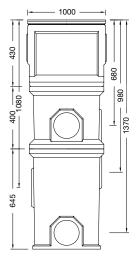
Fastening:

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SF-200 Sump unit with mud bucket with DA/OD 160 poured pipe socket and perforations DA/OD 200	03226000	50	26.4	70.0	61.1	6	792.70



SF-200 sump unit with slotted ductile-iron grating cl. **F900**¹

Note: ANRIN DRAIN system Sump assembly with outlet DA/OD 160, 200 height 1075 mm and 1475 mm see Page 55!



Pipe socket			
DA/OD 160	03206810	0.6	22.80
DA/OD 200	03206820	0.8	56.00



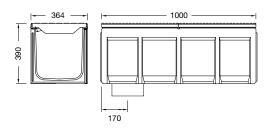
¹ Exception: Cross-road drainage of busy roads



Designation	Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Channel SF-300*	03230000		100	36.4	39.0	64.0	6	1095.60
Channel SF-300R***	03230010		100	36.4	39.0	64.0		1142.30
Channel SF-300/5*/**	03230050		50	36.4	39.0	35.0	4	724.20
Channel SF-300P*	03234000		100	36.4	15.0	46.0		1095.60
Channel SF-300PR***	03234010		100	36.4	15.0	46.0		1142.30

- * Channel with mouldings for vertical outlet DA/OD 200
- *** Channel with sidewise perforations for the connection of t-junctions, elbow joints and cross- over joints and vertical outlet
- ** Channel with DA/OD 200 poured pipe socket

SF-300 channel with slotted ductile-iron grating cl. $\textbf{F900}^{\text{1}}$





End cap with UNILINK	joint and ductile	-iron edge	e for all he	ights				
for Channel SF-300	03237010					5.2		75.20
	•							
End cap with Unilink jo	oint and ductile-i	on edge						
for Channel SF-300P	03237410					2.4		75.20
End cap with pipe soc	ket with Unilink j	oint and d	uctile-iron	edge with	n poured p	oipe socket l	DA/OD 200)
for Channel SF-300	03238010					9.1		132.30

General type approval:

For use in facilities of the storage, filling and handling of water polluting substances.

Approval no. Z-74.4-30

A15, B125, C250, D400¹, E600¹ and F900¹ according DIN 19580 / EN 1433

(1Exception: Cross-road drainage of busy roads)

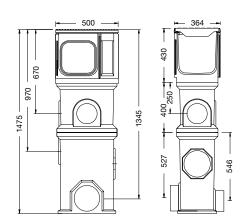
Constant invert UNILINK®-joint 300 mm 364 mm

RapidLock-fastening

Slope type: Joint: Nominal width: Width: Fastening:

Load classes:

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Sump assembly top SF-300 with galvanised mud bucket	03236121	50	36.4	39.0	30.0	4	813.00
Sump assembly raiser for stacking with perforation DA/OD 160	03236140	48	33.0	40.0	24.4	5	125.90
Sump assembly base with connections DA/OD 160, 200 and shaped NBR ring	03236160	48	33.0	64.5	43.2	5	294.30



Attention: The "sump assembly" system element is not intended for use in facilities for the storage, filling and handling of water polluting substances!

Pipe socket			
DA/OD 160	03206810	0.6	22.80
DA/OD 200	03206820	0.8	56.00



¹ Exception: Cross-road drainage of busy roads



SOLID BLOCK 100 channel element



SOLID BLOCK 200 channel element



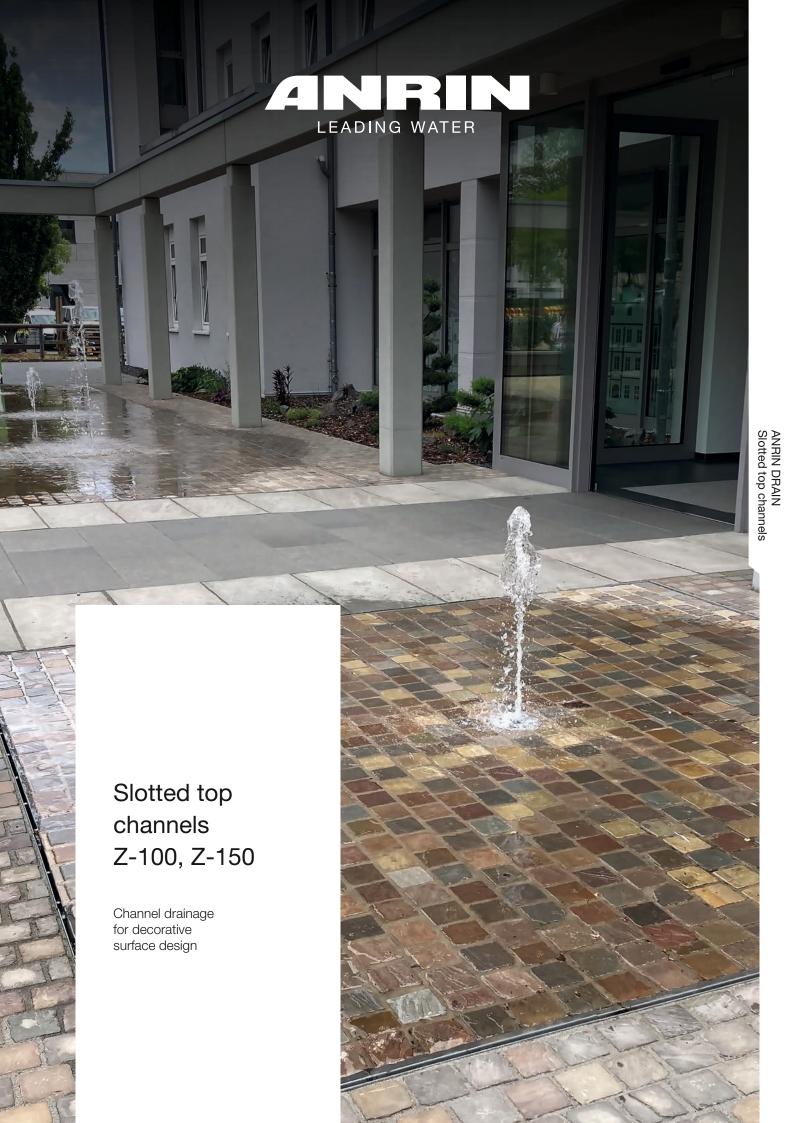
SOLID BLOCK 200 sump unit two-piece



Designation	Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SOLID BLOCK 100 channel element from polymer concrete in monolithic construction	05010000		100	14.8	24.0	33.0		255.30
SOLID BLOCK 100 Access top element from polymer concrete in monolithic construction with ductile- iron slotted grating cl. F900	05010045		65	14.8	24.0	21.8		329.50
SOLID BLOCK 100 Sump units 1-piece from polymer concrete in mo- nolithic construction with ductile-iron slotted grating cl. F900, with dirt trap bucket and perforations DA/OD 110 and 160	05010600		65	14.8	58.5	37.0		464.20
End cap closed	05010700					1.6		48.40
End cap for pipe connection	05010800					1.4		61.20

Designation	Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SOLID BLOCK 200 channel element from polymer concrete in monolithic construction with EPDM-seal	05300000		100	26.4	32.0	71.5		339.20
SOLID BLOCK 200 Access top element from polymer concrete in monolithic construction, with integrated EPDM-seal, with ductile- iron slotted grating OvalGrip cl. F900	05300450		65	26.4	33.5	38.0		399.00
SOLID BLOCK 200 Sump units 2-piece from polymer concrete in monolithic construction, with integ- rated EPDM-seal, ductile-iron slotted grating OvalGrip cl. F900, with dirt trap bucket and perforations DA/OD, DA/OD 160 and 200	05306000		65	26.4	69.5	58.8		760.50
End cap closed	05307000			26.4	32.0	4.5		60.10
End cap for pipe connection	05308000			26.4	32.0	3.2		75.10

General type approval: Load classes: Slope type: Joint: Nominal width: Width: Fastening: Channels are DIBT-accredited for installation in "LAU" systems. **D400 - F900** according DIN 19580 / EN 1433
Constant invert
Tongue and groove system, sealable
200 mm
260 mm
RapidLock-fastening





Slotted top Z-100 S with channel Z-100 No. 05



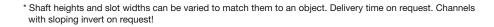
Access top Z-100 S combined with Channel Z-100 Nr. 055



Access top Z-100 S with sump unit Z-100



Designation	Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Z-100 Channel No. 05 from polymer concrete, NW 100 with UNILINK joint	02500500	0	100	13.6	15.3	13.3		61.80
Z-100 Channel No. 055 from polymer concrete, NW 100 with UNILINK joint and perforations for T- and corner butt joints	02500550	0	50	13.6	15.3	7.0		43.20
Z-100 Sump unit with dirt trap bucket, Outlets DA/OD 110 and160, with shaped NBR-rings	02506010		50	13.6	42.8	26.9		156.20
Z-100 S Slotted top* galvanised, side flush slot, Shaft height = 11 cm	02504511		100	13.6	13.2	5.7		181.30
Z-100 S Slotted top* galvanised, side flush slot, Shaft height = 11 cm	02504551		50	13.6	13.2	2.9		130.00
Z-100 S Access top* galvanised, side flush slot, channel insert for block paving	02504611		50	16.0	13.2	5.0		325.20
Z-100 S Slotted top* galvanised, side flush slot, Shaft height = 16 cm	02504516		100	13.6	18.2	6.9		181.30
Z-100 S Slotted top* galvanised, side flush slot, Shaft height = 16 cm	02504517		50	13.6	18.2	3.5		130.00
Z-100 S Access top* galvanised, side flush slot, channel insert for block paving	02504616		50	16.0	18.2	6.8		325.20
Z-100 End cap closed with galvanised steel edge and UNILINK-joint	01107000					1.6		27.40
Z-100 End cap with venturi socket DA/OD 110 with galvanised steel edge and UNILINK-joint	01108050					1.1		52.50
Access hook pair galvanised steel, for removal of the access top	02509030							58.90





Load classes: Slope type: Joint: Inlet cross-section: Nominal width: Width:

A15, B125, C250 according DIN 19580 / EN 1433 Constant invert, (Sloping invert 0.5% on request) Direction-independent joint system UNILINK®, liquid-tight seal $125 \text{ cm}^2 / \text{ m}$, slot width SW = 1.25 cm100 mm 136 mm

Designation	Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Z-100 Channel No. 05 from polymer concrete, NW 100 with UNILINK-joint	02500500	0	100	13.6	15.3	13.3		61.80
Z-100 Channel No. 055 from polymer concrete, NW 100 with UNILINK-joint and perforations for T- and corner butt joints	02500550	0	50	13.6	15.3	7.0		43.20
Z-100 Sump unit with dirt trap bucket, Outlets DA/OD 110 and 160, with shaped NBR-rings	02506010		50	13.6	42.8	26.9		156.20
Z-100 S Slotted top* stainless steel, side flush slot, Shaft height = 11 cm	02505511		100	13.6	13.2	5.7		296.70
Z-100 S Slotted top* stainless steel, side flush slot, Shaft height = 11 cm	02505551		50	13.6	13.2	2.9		213.30
Z-100 S Access top* stainless steel, side flush slot, channel insert for block paving	02505611		50	16.0	13.2	5.0		428.40
Z-100 S Slotted top* stainless steel, side flush slot, Shaft height = 16 cm	02505516		100	13.6	18.2	6.9		296.70
Z-100 S Slotted top* stainless steel, side flush slot, Shaft height = 16 cm	02505716		50	13.6	18.2	3.5		213.30
Z-100 S Access top* stainless steel, side flush slot, channel insert for block paving	02505616		50	16	18.2	6.8		428.40
Z-100 End cap closed with stainless steel edge rail and UNILINK-joint	01407000					1.6		58.30
Z-100 End cap with venturi socket DA/OD 110 with stainless steel edge rail and UNILINK-joint	01408050					1.1		85.10
Mesh insert	02509021		100					26.30
Access hook pair galvanised steel, for removal of the access top	02509030							58.90

^{*} Shaft heights and slot widths can be varied to match them to an object. Delivery time on request. Channels with sloping invert on request!



Slotted top Z-100 S with channel Z-100 No. 05



Access top Z-100 S combined with channel Z-100 Nr. 055



Access top Z-100 S with sump unit Z-100



Mesh insert



Load classes: A15, B125, C250 according DIN 19580 / EN 1433 Slope type: Constant invert, (Sloping invert 0.5% on request)

Joint: Direction-independent joint system UNILINK®, liquid-tight seal

 $125 \text{ cm}^2 / \text{ m}$, slot width SW = 1.25 cm

Inlet cross-section: 125 cm²
Nominal width: 100 mm
Width: 136 mm









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Designation	Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Z-150 Channel No. 0 from polymer concrete, NW 150 with UNILINK joint	02511000	0	100	21.4	18.8	25.8		125.90
Z-150 Channel No. 005 from polymer concrete, NW 150 with UNILINK joint and perforations for T- and corner butt joints	02511050	0	50	21.4	18.8	15.5		81.60
Z-150 Sump unit with dirt trap bucket, Outlets DA/OD 160 and 200, with shaped NBR-rings	02516000		50	21.4	58.8	37.7		304.80
		1	1					
Z-150 S Slotted top* galvanised, side flush slot, Shaft height = 20 cm	02514520		100	21.4	23.0*	8.9		306.00
Z-150 S Access top* galvanised, side flush slot, channel insert for block paving	02514620		50	21.4	23.0*	8.8		530.90
Z-150 Closed end cap with galvanised steel edge and UNILINK-joint	03217000					1.5		35.00
Z-150 End cap with Pipe socket DA/OD 160 with galvanised steel edge and UNILINK-joint	03218100					1.5		71.70
	1		ı					
Access hook pair galvanised steel, for removal of the access top	02509030							58.90

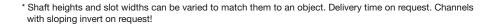
^{*} Shaft heights and slot widths can be varied to match them to an object. Delivery time on request. Channels with sloping invert on request!

Load classes:

Slope type: Joint: Inlet cross-section: Nominal width: Width: **A15, B125, C250, D400**¹ according DIN 19580 / EN 1433

('Exception: Cross-road drainage of busy roads) Constant invert, (Sloping invert 0.5% auf request) Direction-independent joint system UNILINK®, liquid-tight seal $150~\text{cm}^2$ / m, slot width SW = 1.5~cm 150 mm 214~mm

Designation	Article	Slope %	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Z-150 Channel No. 0 from polymer concrete, NW 150 with UNILINK joint	02511000	0	100	21.4	18.8	25.8		125.90
Z-150 Channel No. 005 from polymer concrete, NW 150 with UNILINK joint and perforations for T- and corner butt joints	02511050	0	50	21.4	18.8	15.5		81.60
Z-150 Sump unit with dirt trap bucket, Outlets DA/OD 160 and 200, with shaped NBR-rings	02516000		50	21.4	58.8	37.7		304.80
Z-150 S Slotted top* stainless steel, side flush slot, Shaft height = 20 cm	02515520		100	21.4	23.0*	8.9		602.60
Z-150 S Access top* stainless steel, side flush slot, channel insert for block paving	02515620		50	21.4	23.0*	8.8		726.70
Z-150 Closed end cap with stainless steel edge rail and UNILINK-joint	01417000					1.5		63.00
Z-150 End cap with Pipe socket DA/OD 160 with stainless steel edge rail and UNILINK-joint	01418100					1.5		102.00
	1							
Mesh insert	02509021		100					26.30
Access hook pair galvanised steel, for removal of the access top	02509030							58.90













Load classes: A15, B125, C250, D400¹ according DIN 19580 / EN 1433

('Exception: Cross-road drainage of busy roads)
Constant invert, (Sloping invert 0.5% on request)

Direction-independent joint system UNILINK®, liquid-tight seal

Inlet cross-section: $150 \text{ cm}^2 / \text{ m}$, slot width SW = 1.5 cm

Nominal width: 150 mm Width: 214 mm

Slope type:

Joint:

All prices are non-binding and do not include the applicable VAT. We reserve the right to make technical modifications.



Yard sumps, Sump assembly system

Spot drainage for the load classes C250, D400 and F900

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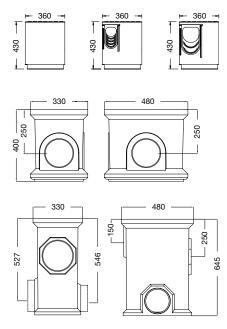
Load classes: Material: Fastening: A15, B125, C250 according EN 124 Inlets from polymer concrete, with ductile-iron frames RapidLock-fastening

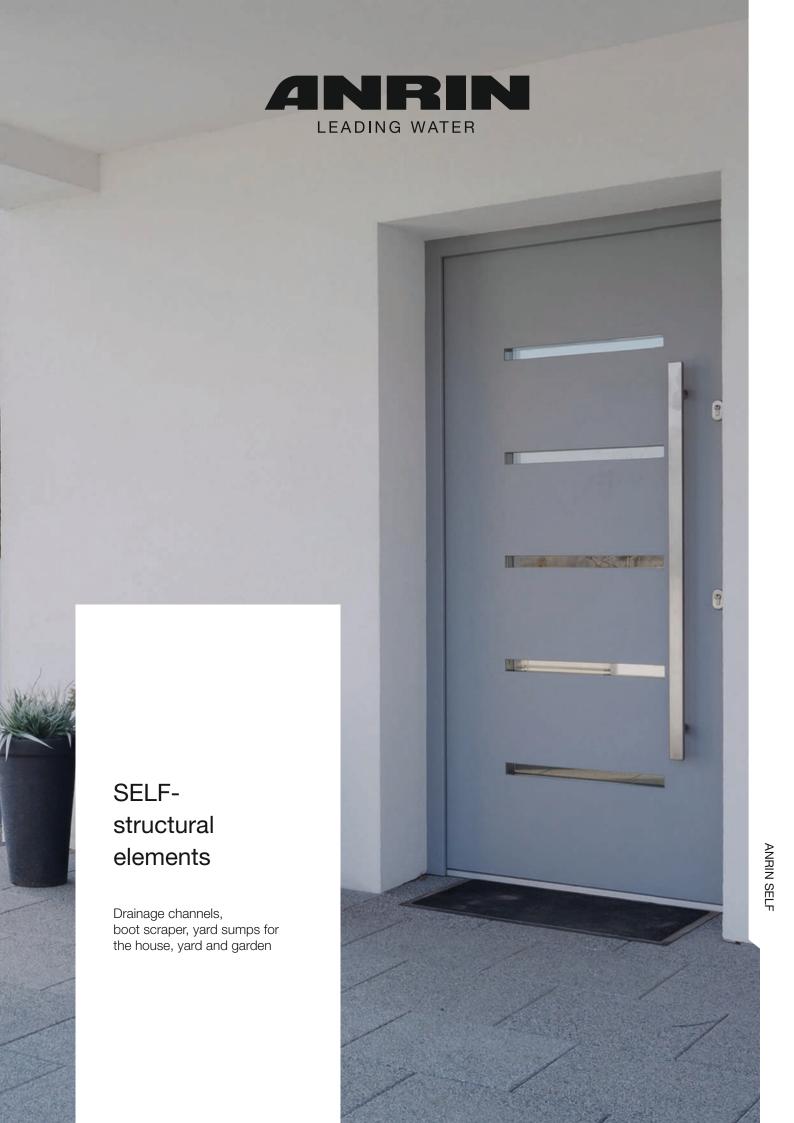
Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Sump assembly top closed with closed end caps and galvanised mud bucket	03236130	54	36	43	49.0		975.00
Sump assembly top for SF-100 with end caps for the connection with channels SF-100 and galvanised mud bucket	03206120	54	36	43	49.0		975.00
Sump assembly top for KE/SF-150 with end caps for the connection with channels SF-150 or KE-150 and galvanised mud bucket	03216120	54	36	43	49.0		975.00
Sump assembly top for KE/SF-200 with end caps for the connection with channels SF-200 or KE-200 and galvanised mud bucket	03226120	54	36	43	49.0		813.00
Sump assembly raiser for increasing the height with perforation DA/OD 160	03236140	48	33	40	24.4		125.90
Sump assembly base with outlet DA/OD 160. 200 and shaped NBR rings	03236160	48	33	64.5	43.2		294.30



Sump assembly top with slotted ductileiron grating cl. $\mathbf{F900}^{\mathtt{1}}$

Attention: The "sump assembly" system element is not intended for use in facilities for the storage, filling and handling of water polluting substances!







Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SELF-100 Channel 1,0 m with galvanised slotted steel grating HEELGUARD	07821000	100	12.2	9.6	8.3	54	68.80
SELF-100 Channel 1,0 m* with galvanised slotted steel grating HEELGUARD with Venturi Socket	07821100	100	12.2	9.6	8.4	36	78.10
SELF-100 Channel 0,5 m** with galvanised slotted steel grating HEELGUARD	07821050	50	12.2	9.6	4.4	48	47.80
SELF Sump unit H40 with galvanised slotted steel grating HEELGUARD with dirt trap bucket connection DA/OD 110 with sealing ring	07296200	50	12.2	39.6	16.4	12	180.70
SELF-100 Channel 1,0 m with stainless steel grating HEELGUARD	07824000	100	12.2	9.6	8.3	54	165.60
SELF-100 Channel 1,0 m* with stainless steel grating HEELGUARD with Venturi Socket	07824100	100	12.2	9.6	8.4	36	177.20
SELF-100 Channel 0,5 m** with stainless steel grating HEELGUARD	07824050	50	12.2	9.6	4.4	48	107.30
SELF-100 Sump unit H40 with stainless steel grating HEELGUARD with dirt trap bucket connection DA/OD 110 with sealing ring	07296500	50	12.2	39.6	16.4	12	246.00
SELF-100 Channel 1,0 m with stainless steel Longitudinal profile grating	07891000	100	12.2	9.6	9.9	54	312.40
SELF-100 Channel 1,0 m* with stainless steel Longitudinal profile grating with Venturi Socket	07891100	100	12.2	9.6	10.0	36	321.70
SELF-100 Channel 0,5 m** with stainless steel Longitudinal profile grating	07891050	50	12.2	9.6	5.1	48	229.10
SELF-100 Sump unit H40 with stainless steel Longitudinal profile grating with dirt trap bucket connection DA/OD 110 with sealing ring	07796000	50	12.2	39.6	17.2	12	283.30
SELF-100 Channel 1,0 m with galvanised steel mesh grating	07861000	100	12.2	9.6	9.9	54	102.00
SELF-100 Channel 1,0 m* with galvanised steel mesh grating with Venturi-socket	07861100	100	12.2	9.6	10.0	36	110.20
SELF-100 Channel 0,5 m** with galvanised steel mesh grating	07861050	50	12.2	9.6	5.1	48	73.50
SELF-100 Sump unit H40 with galvanised steel mesh grating with dirt trap bucket connection DA/OD 110 with sealing ring	07696000	50	12.2	39.6	17.2	12	193.50

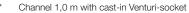
^{*} Channel 1,0 m with cast-in Venturi-socket

Load capacity:

Slope type: Nominal width: Width: Slotted steel grating cl. **A15**, stainless steel-slotted grating cl. **A15**, stainless steel-longitudinal profile grating cl. **A15**, galvanised steel mesh grating cl. **B125** Constant invert 100 mm 120 mm

Channel 0,5 m with sidewise perforations for the connection of t-junctions, elbow joints and crossover joints

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SELF-100 Channel 1,0 m with slotted grating ductile-iron, OvalGrip	07831000	100	12.2	10.1	12.3	54	99.10
SELF-100 Channel 1,0 m* with slotted grating ductile-iron, OvalGrip with Venturi-socket	07831100	100	12.2	10.1	12.4	36	107.30
SELF-100 Channel 0,5 m** with slotted grating ductile-iron, OvalGrip	07831050	50	12.2	10.1	6.4	48	68.20
SELF-100 Sump unit H40 with slotted grating ductile-iron, OvalGrip with dirt trap bucket, connection DA/OD 110 with sealing ring	07296300	50	12.2	40.1	18.4	12	195.30
SELF-100 Channel 1,0 m with slotted grating polyamide, OvalGrip	07851000	100	12.2	10.3	8.1	54	102.00
SELF-100 Channel 1,0 m* with slotted grating polyamide, OvalGrip with Venturi-socket	07851100	100	12.2	10.3	8.2	36	110.20
SELF-100 Channel 0,5 m** with slotted grating polyamide, OvalGrip	07851050	50	12.2	10.3	4.2	48	71.10
SELF-100 Sump unit H40 with slotted grating polyamide, OvalGrip with dirt trap bucket connection DA/OD 110 with sealing ring	07596000	50	12.2	40.3	16.3	12	202.30
SELF-100 Channel 1,0 m with slotted grating polyamide, grey, OvalGrip	07852000	100	12.2	10.3	8.1	54	102.00
SELF-100 Channel 1,0 m* with slotted grating polyamide, grey, OvalGrip with Venturi-socket	07852100	100	12.2	10.3	8.2	36	110.20
SELF-100 Channel 0,5 m** with slotted grating polyamide, grey, OvalGrip	07852050	50	12.2	10.3	4.2	48	71.10
SELF-100 Sump unit H40 with slotted grating polyamide, grey, OvalGrip with dirt trap bucket connection DA/OD 110 with sealing ring	07596100	50	12.2	40.3	16.3	12	202.30



Channel 1,0 m with cast-in Venturi-socket
Channel 0,5 m with sidewise perforations for the connection of t-junctions, elbow joints and crossover joints



Load capacity: Slope type: Nominal width: Width:

Ductile-iron slotted grating cl. **B125**, polyamide grating OvalGrip cl. **B125**

Constant invert 100 mm

120 mm











Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SELF-ECO Channel 1,0 m with galvanised slotted steel grating HEELGUARD	07541000	100	12.0	8.0	6.3	54	64.70
SELF-ECO Channel 1,0 m with galvanised slotted steel HEELGUARD with Venturi Socket	07541030	100	12.0	8.0	6.4		72.90
SELF-ECO Channel 0,5 m with galvanised slotted steel grating HEELGUARD	07541050	50	12.0	8.0	3.2	48	44.90
SELF Sump unit NW 100 with galvanised slotted steel HEELGUARD with dirt trap bucket connection DA/OD 110 with sealing ring	07296200	50	12.0	40.0	15.5	12	180.70
SELF-ECO Channel 1,0 m with slotted grating ductile-iron, HEELGUARD	07546000	100	12.0	8.0	10.3	54	91.50
SELF-ECO Channel 1,0 m with slotted grating ductile-iron, HEELGUARD with Venturi Socket	07546030	100	12.0	8.0	6.4		101.20
SELF-ECO Channel 0,5 m with slotted grating ductile-iron, HEELGUARD	07546050	50	12.0	8.0	5.2	48	65.30
SELF Sump unit NW 100 with slotted grating ductile-iron, HEELGUARD with dirt trap bucket connection DA/OD 110 with NBR	07296400	50	12.0	40.0	17.5	12	195.30
SELF-ECO Channel 1,0 m with polyamide grating OvalGrip	07531000	100	12.0	8.0	9.7	54	89.30
SELF-ECO Channel 1,0 m with polyamide grating OvalGrip with Venturi Socket	07531030	100	12.0	8.0	9.9		99.80
SELF-ECO Channel 0,5 m with polyamide grating OvalGrip	07531050	50	12.0	8.0	5.0	48	62.50
SELF Sump unit NW 100 with polyamide grating OvalGrip with dirt trap bucket connection DA/OD 110 with sealing ring	07596000	50	12.0	40.0	16.3	12	202.30
SELF-ECO Channel 1,0 m with ductile-iron slotted grating OvalGrip	07542000	100	12.0	8.0	10.9	54	91.50
SELF-ECO Channel 1,0 m with ductile-iron slotted grating OvalGrip with Venturi Socket	07542030	100	12.0	8.0	10.7		102.10
SELF-ECO Channel 0,5 m with ductile-iron slotted grating OvalGrip	07542050	50	12.0	8.0	5.6	48	65.30
SELF Sump unit NW 100 with ductile-iron slotted grating OvalGrip with dirt trap bucket connection DA/OD 110	07296300	50	12.0	40.0	18.4	12	195.30

Load capacity:

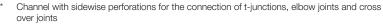
Slope type: Nominal width: Width:

Galvanised slotted grating Heelguard cl. **A15,** ductile-iron slotted grating Heelguard cl. **B125,** Cast iron grating OvalGrip cl. **B125**, slotted grating polyamide, cl. **B125** Constant invert

100 mm 120 mm

with sealing ring

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SELF Channel 1,0 m incl. SELF slotted top channel galvanised steel, side slit	07484000	100	12.0	21.0	11.6	36	143.40
SELF Channel 1,0 m** with Venturi socket, incl. SELF slotted top channel galvanised steel, side slit	07484030	100	12.0	21.0	10.9	36	152.70
SELF Channel 0,5 m* incl. SELF slotted top channel galvanised steel, side slit	07484050	50	12.0	21.0	5,7	36	143.40
SELF Channel 1,0 m** incl. SELF slotted top channel							
with Maintenance opening left	07484100	100	12.0	21.0	12.7	36	209.30
with Maintenance opening right	07484200	100	12.0	21.0	12.7	36	209.30
SELF Channel 1,0 m** with Venturi socket, incl. SELF slotted top channel							
with Maintenance opening left	07484130	100	12.0	21.0	12.7	36	218.60
with Maintenance opening right	07484230	100	12.0	21.0	12.7	36	218.60
SELF Channel 0,5 m* incl. SELF Revision essay galvanised steel, with side slit insert for block paving	07485000	50	12.0	21.0	8.3	48	185.40
SELF Channel 1,0 m with venturi socket incl. SELF Revision essay, incl. SELF slotted top channel, galvanised steel, side slit insert for block paving	07484040	50	12.0	21.0	13.7	36	227.40
SELF Sump unit with dirt trap bucket connection DA/OD 110 with sealing ring incl. SELF slotted top channel galvanised steel, with side slit insert insert for block paving	07486000	50	12.0	52.0	19.5	12	248.90
Access hook pair galvanised steel, for removal of the revision essays	02509030						58.90



^{***} Channel with Venturi-socket





Slotted top channel with maintenance opening right combined with ANRIN SELF Channel



Access hook with side inlet, combined with ANRIN SELF Sump unit



Load capacity: Slope type: Suitable for car access Constant invert

All prices are non-binding and do not include the applicable VAT. We reserve the right to make technical modifications.



Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SELF MINI Channel 1.0 m*** with galvanised slotted grating HEELGUARD	07241000	100	12.0	6.0	6.3	120	64.70
SELF MINI Channel 1.0 m*** with ductile-iron slotted grating, OvalGrip	07362000	100	12.0	6.0	10.5	72	91.50
SELF MINI Channel 1.0 m*** with polyamide slotted grating, OvalGrip	07561000	100	12.0	6.0	10.5	72	89.30

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

Note: Find matching accessories on page 63.

Load capacity:

Slope type: Nominal width: Width: Fastening: Slotted steel grating, HEELGUARD, cl. **A15**, ductile-iron slotted grating, OvalGrip, cl. **B125**, polyamide slotted grating OvalGrip cl. **B125**

Constant invert 100 mm 120 mm

Locking mechanism

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SELF 100 End cap PP made of Polypropylene, grey for SELF Smart SELF ECO SELF Mini	07297200				0.4		11.10
SELF 100 End cap PP made of Polypropylene, grey with pipe connection DA/OD 110 for SELF Smart	07298200				0.8		33.30
SELF 100 End cap PP made of Polypropylene, grey with pipe connection DA/OD 110 with adapter for SELF ECO	07308200				0.8		33.30



SELF 100 End cap PP made of Polypropylene, black for SELF Smart SELF ECO SELF Mini	07297300		0.4	11.10
SELF 100 End cap PP made of Polypropylen, black with pipe connection DA/OD 110 for SELF Smart	07298300		0.8	33.30
SELF 100 End cap PP made of Polypropylen, black with pipe connection DA/OD 110 with adapter for SELF ECO	07308300		0.8	33.30





SELF 100 SMART Channel 1,0 m without cover grating	07800001	100	12.0	9.3	6.7	57.20
SELF 100 SMART Channel 0,5 m without cover grating with sidewise perforations for the con- nection of t-junctions, elbow joints and cross over joint	07800051	50	12.0	9.3	6.8	37.90
SELF 100 SMART Channel 0,5 m without cover grating with Venturi-socket	07801001	50	12.0	9.3	3.6	68.80
SELF 100 SMART Sump unit H40 without cover grating	07296001	50	12.0	39.0	15.6	174.90







SELF 100 SMART leaf mesh	07809000			5.50
SELF 100 SMART Venturi insert pre-assembled	07809001			6.50
SELF 100 SMART Venturi horizontal with integrated shutter flap	07809002			6.50



EVO 63 Channel with steel slotted grating cl.A15



EVO 0100 Channel and Sump unit with polyamide grating cl.B125





EVO 0150 Channel and Sump unit with ductile-iron grating OvalGrip cl.C250



Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
PP EVO 063 with slotted steel grating A15	11603000	100	13.1	6.3	2.5	54	61.60
PP EVO 063 with polypropylen grating OvalGrip A15	11602000	100	13.1	6.3	1.6	54	61.60
PP EVO 063 with polyamide grating B125 black	11604000	100	13.1	6.3	2.3	54	98.00
PP EVO 063 with ductile-iron grating OvalGrip C250 black	11605000	100	13.1	6.3	6.8	54	127.10
PP EVO 063 End cap set (DN 100)	11607000						24.50
PP EVO 0100 with slotted steel grating A15	11103000	100	13.1	9.8	2.9	54	61.60
PP EVO 0100 with polypropylene grating A15	11106000	100	13.1	9.8	2.5	54	61.60
PP EVO 0100 with polyamide grating B125 black	11104000	100	13.1	9.8	3.2	54	98.00
PP EVO 0100 with ductile-iron slotted grating OvalGrip C250	11105000	100	13.1	9.8	8.2	54	127.10
PP EVO 0100 Sump unit with slotted steel grating A15	11108030	50	13.1	28.0	1.7		111.80
PP EVO 0100 Sump unit with polypropylene slotted grating A15	11108010	50	13.1	28.0	1.4		111.80
PP EVO 0100 Sump unit with polyamide grating OvalGrip, B125	11108020	50	13.1	28.0	1.5		128.40
PP EVO 0100 Sump unit with ductile-iron slotted grating OvalGrip C250	11108040	50	13.1	28.0	1.8		145.90
PP EVO 0100 End cap Set (DN 110)	11107000		13.1	9.8	0.2		22.80
PP EVO 0150 with slotted steel grating A15	11503000	100	13.1	14.8	3.4	54	65.60
PP EVO 0150 with polypropylene grating A15	11502000	100	13.1	14.8	2.2	54	65.60
PP EVO 0150 with polyamide slotted grating, OvalGrip, B125	11504000	100	13.1	14.8	3.7	54	101.90
PP EVO 0150 with ductile-iron slotted grating OvalGrip C250	11505000	100	13.1	14.8	8.7	54	131.10
PP EVO 0150 Sump unit with slotted steel grating A15	11508030	50	13.1	28.0	1.8		111.80
PP EVO 0150 Sump unit with polypropylene slotted grating A15	11508010	50	13.1	28.0	1.3		111.80
PP EVO 0150 Sump unit with polyamid grating, OvalGrip B125 black	11508020	50	13.1	28.0	1.7		128.40
PP EVO 0150 Sump unit with ductile-iron slottedgrating OvalGrip C250 black	11508040	50	13.1	28.0	3.9		145.90
PP EVO 0150 End cap set (DN 110)	11507000		13.1	14.8	0.2		24.50

Load capacity:

Nominal width: Fastening:

slotted steel grating cl. **A15**, ductile-iron slotted grating cl. **B125**, polyamide slotted grating cl. **B125**, polyamid grating cl. **A15** 100 mm Locking mechanism (PP), TwistLock-fastening (EVO)

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
LC-150 090 Channel with polypropylene slotted grating A15	15109000	100	22.5	9	4.6	54	131.10
LC-150 090 Channel with steel mesh grating B125	15109100	100	22.5	9	7.4	54	184.00
LC-150 090 Channel with ductile-iron slotted grating HEELGUARD C250	15109200	100	22.5	9	19.5	54	164.20
LC-150 090 End cap set	15109700						31.80
LC-150 125 Channel with polypropylene slotted grating A15	15112500	100	22.5	12.5	4.8	50	131.10
LC-150 125 Channel with steel mesh grating B125	15112510	100	22.5	12.5	7.6	50	184.00
LC-150 125 Channel with ductile-iron slotted grating HEELGUARD C250	15112520	100	22.5	12.5	19.7	50	164.20
LC-150 125 End cap set	15112570						31.80
LC-150 150 Channel with polypropylene slotted grating A15	15120000	100	22.5	20	5.9	50	141.00
LC-150 150 Channel with steel mesh grating B125	15120010	100	22.5	20	8.7	50	193.90
LC-150 150 Channel with ductile-iron slotted grating HEELGUARD C250	15120020	100	22.5	20	20.8	50	174.10
LC-150 200 Channel with polypropylene slotted grating A15	15162000	50	22.5	40	5,3	8	282.00
LC-150 200 Channel with steel mesh grating B125	15161010	50	22.5	40	8,1	8	342.50
LC-150 200 Channel with ductile-iron slotted grating HEELGUARD C250	15160000	50	22.5	40	13,2	8	319.20
LC-150 150 End cap set	15120070						33.20



Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
PP Channel 080 with polypropylene slotted grating A15	11081000	100	12.1	8.4	1.6	54	64.70
PP Channel 080 with galvanised slotted steel grating A15	11082000	100	12.1	8.4	1.6	54	64.70
PP End cap 080 for galvanised channel claw groove and -spring	11087700						23.40
PP adapter with screws for connection with pipe connections DN 100	11088700						10.00

Load capacity: cl. **A15, B125** and cl. **C250** Nominal width: 150 mm

Nominal width: 150 mm
Fastening: locking bridge

ANRIN SELF-150 drainage channels from polymer concrete with galvanised mesh grating, slotted grating or slotted ductile-iron grating

Channels only!



Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
SELF-150 Channel 1,0 m incl. locking, with perforation DA/OD 160 for vertical outlet	07311001	100	20.0	15.0	14.8	55	92.70
SELF-150 Channel 0,5 m incl. locking, with perforation DA/OD 160 for vertical outlet	07311051	50	20.0	15.0	7.1		68.80
SELF-150P Channel 1,0 m incl. locking, with perforation DA/OD 160 for vertical outlet	07314001	100	20.0	8.0	11.5		92.70
SELF-150 Sump unit incl. locking, with perforation DA/OD 160 for vertical outlet	07316001	50	20.0	58.5	37.6		174.90
SELF-150 End cap for Channel start and -end	07317100				0.5		26.90
SELF-150 End cap with pipe socket DA/OD 160 for Channel end	07318100				1.0		54.20
Pipe connection DA/OD 160	01006810				0.2		22.80



Load capacity: Slope type: Nominal width: Width: Fastening: galvanised slotted grating cl. **A15**, mesh grating cl. **B125**, ductile-iron slotted grating cl. **C250** Constant invert 150 mm 200 mm Screw-fastening

Cover gratings for SELF-150

Designation	Article	Lenght cm	Width cm	Inlet Ø cm²/m	Weight kg	Pc. / Pal.	€uro/ Pc.
SELF-150 galvanised steel slotted grating cl. A15	07313500	100	20.0	471	2.9		44.90
SELF-150 galvanised steel slotted grating cl. A15	07313520	50	20.0	471	1.5		33.80
OFI E 450						1	1
SELF-150 Steel mesh grating, galvanised, cl. B125, MW 30 x 10 mm	07314500	100	20.0	1033	5.1		99.50
SELF-150 Steel mesh grating, galvanised, cl. B125, MW 30 x 10 mm	07314520	50	20.0	1033	2.6		80.50
SELF-150 Steel mesh grating, galvanised, cl. B125, MW 33 x 33 mm	07314600	100	20.0	1068	4.2		107.90
SELF-150 Steel mesh grating, galvanised, cl. B125, MW 33 x 33 mm	07314620	50	20.0	1068	2.1		74.60
SELF-150 Slotted grating, ductile-iron GJS, coated in black, cl. C250	07315500	50	20.0	584	5.3		60.70







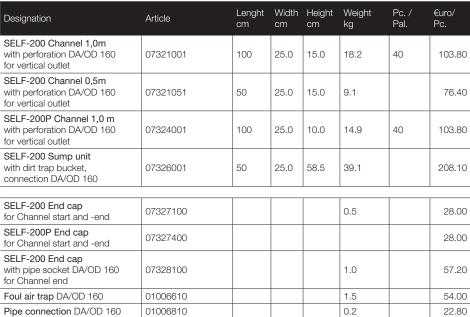
Load capacity: Slope type: Nominal width: Width: Fastening: galvanised slotted grating cl. ${f A15}$, mesh grating cl. ${f B125}$, ductile-iron grating cl. ${f C250}$

Constant invert 150 mm 200 mm

Screw-fastening

Channels only!







Cover gratings for SELF-200



Designation	Article	Lenght cm	Width cm	Inlet Ø cm²/m	Weight kg	Pc. / Pal.	€uro/ Pc.
SELF-200 steel mesh grating, galvanised, cl. B125, MW 30 x 25 mm	07324500	100	25.0	1402	5.1		115.40
SELF-200 steel mesh grating, galvanised, cl. B125, MW 30 x 25 mm	07324520	50	25.0	1402	2.6		78.10
SELF-200 Slotted grating ductile-iron GJS, OvalGrip Design, cl. C250	07325500	50	25.0	825	5.3		71.10

Load capacity: Slope type: Nominal width: Width: Fastening:

Mesh grating cl. **B125**, ductile-iron-slotted grating cl. **C250** Constant invert 200 mm 250 mm Screw-fastening

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
GL-100 Channel No. 0	07200000	100	13.0	15.0	10.8		65.30
GL-100 Channel No. 0/05	07200005	50	13.0	15.0	8.1		42.60
GL-100 Channel No. 010	07201000	100	13.0	20.0	13.7		65.30
GL-100 Channel No. 080	07200800	100	13.0	8.0	8.9		65.30
GL-100 Channel No. 0100	07203000	100	13.0	10.0	10.6		65.30
GL-100 Channel No. 05	07200500	100	13.0	17.5	12.3		65.30
GL-100 Channel No. 05/0.5	07200550	50	13.0	17.5	6.1		42.60
GL-100 Channel No. 010/0.5	07201050	50	13.0	20.0	6.8		42.60
GL-100 Channel No. 020	07202000	100	13.0	25.0	17.3		65.30
GL-100 Channel No. 020/0.5	07202050	50	13.0	17.5	8.6		42.60
GL-100 Sump unit, with dirt trap bucket, outlet DA/OD 110 with NBR ring and perforations DA/OD 110/160	07206000	50	13.0	56.3	24.0		165.00

GL-100 Steel slotted grating galvanised, cl. A15, with TwistLock-fastening	07203200	100	13.0	2.1	1.9	27.40
GL-100 Steel slotted grating galvanised, cl. A15, with TwistLock-fastening	07203220	50	13.0	2.1	1.2	19.30
GL-100 steel mesh grating galvanised, cl. B125, with TwistLock-fastening	07203300	100	13.0	2.1	3.2	62.40
GL-100 steel mesh grating galvanised, cl. B125, with TwistLock-fastening	07203320	50	13.0	2.1	1.6	42.00
GL-100 ductile-iron slotted grating, cl. C250 , with TwistLock-fastening	07203500	50	13.0	2.1	3.2	45.50
GL-100 polyamid slotted grating, Heelguard Design, cl. C250 , with TwistLock-fastening	07203510	50	13.0	2.1	0.6	41.40

GL-100 End cap closed				
for Channel No. 0 - 010	07207100			22.80
for Channel No. 20	07208100			22.80
for Channel No. 080	07208800			22.80
for Channel No. 0100	07207810			22.80
GL-100 End cap with Pipe socket				
for Channel No. 0	07207000			39.10
for Channel No. 10	07207200			39.10
for Channel No. 20	07208200			39.10





Load capacity: Slope type: Material: Nominal width: Width: Fastening:

A15, B125, C250 according DIN 19580 / EN 1433 Stepped invert or Constant invert Polymer concrete

100 mm

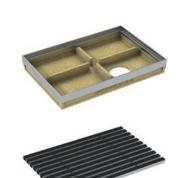
130 mm

TwistLock-fastening

All prices are non-binding and do not include the applicable VAT. We reserve the right to make technical modifications.

illur		Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
O Williams	Cl. A15	SELF Yard sump with galvanised grating with integrated syphon PE-mud bucket and shaped outlet DA/OD 110	07012350	25	25	35	15.4	24	170.80
	Cl. B125	SELF Yard sump with galv. steel frame and inset ductile-iron grating cl. B125 with integrated syphon PE-mud bucket and shaped outlet DA/OD 110	07012361	25	25	37	19.8	24	241.30
	Cl. B125	SELF Yard sump with inserted galvanised mesh grating MW 33 x 12 mm with integrated siphon, PE mud bucket and preformed drain DA/OD 110	07012370	25	25	37	15.8	24	251.80
E T	Cl. A15	SELF Yard sump with stainless steel frame and integrated stainless steel longitudinal-bar grating SW = 5 mm with integrated syphon PE-mud bucket and shaped outlet DA/OD 110	07012371	25	25	37	15.8	24	350.30
C		SELF Yard sump- Attachment box for increasing the height with formed stand pipe connec- tion DA/OD 110	07012900	25	25	25	5.8	24	74.10
Million		ANRIN Yard sump with case	st iron frame and cas	t iron gr	rate				
ao so so	Cl. C250	Yard sump with ductile-iron edge rail and ductile-iron grating, cl. C250 as longitudinal-bar grating, with RapidLock fastening with integrated foul air trap, PE-mud bucket and premoulded outlet DA/OD 110 with NBR ring	01701200	30	30	40,5	34.7	16	321.70
		Yard sump add-on box for increasing the height with formed stand pipe connection DA/OD 110	01706100	30	30	25	10.5		75.20
0		Pipe socket DA/OD 110 made of PVC	01006800				0.2		7.00

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.	€uro/ Pc.
Boot scraper box Nominal dimensions:							
60 x 40 cm	07020100	60	40	8	11.7	40	75.80
75 x 50 cm	07020200	75	50	8	19.7	20	95.00
100 x 50 cm	07020300	100	50	8	22.9	20	114.30
Aluminium grating	07021100	60	40	2	2.5		169.00
with needle-felt strips,	07021200	75	50	2	4.0		250.00
colour anthracite, rollable,	07021300	100	50	2	5.4		331.60
particularly suitable for roofed areas							
Aluminium grating	07021110	60	40	2	2.5		194.70
with rubber strips,	07021210	75	50	2	4.0		291.40
colour black, rollable,	07021310	100	50	2	5.4		385.20
particularly suitable for wet areas							
Aluminium grating	07021150	60	40	2	2.9		253.00
brushes + rubber strips,	07021250	75	50	2	4.7		379.40
colour anthracite, rollable	07021350	100	50	2	6.4		499.50
	107004400	100	10				1 000 10
Aluminium grating	07021160	60	40	2	2.2		282.10
with brush strips,	07021260	75	50	2	3.5		422.00
colour anthracite, rollable,	07021360	100	50	2	4.3		558.30
Mesh grating	07021120	60	40	2	6.0		85.10
galvanised steel	07021220	75	50	2	9.0		128.80
mesh width 9 x 30 mm	07021320	100	50	2	12.0		145.70
with strong vertical mesh							
Diamond grating	07021140	60	40	2	3.2		46.10
galvanised steel	07021240	75	50	2	4.6		64.20
with strong rod reinforcement	07021340	100	50	2	6.2		88.60



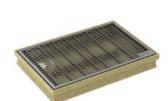












ANRIN SELF boot scrapers

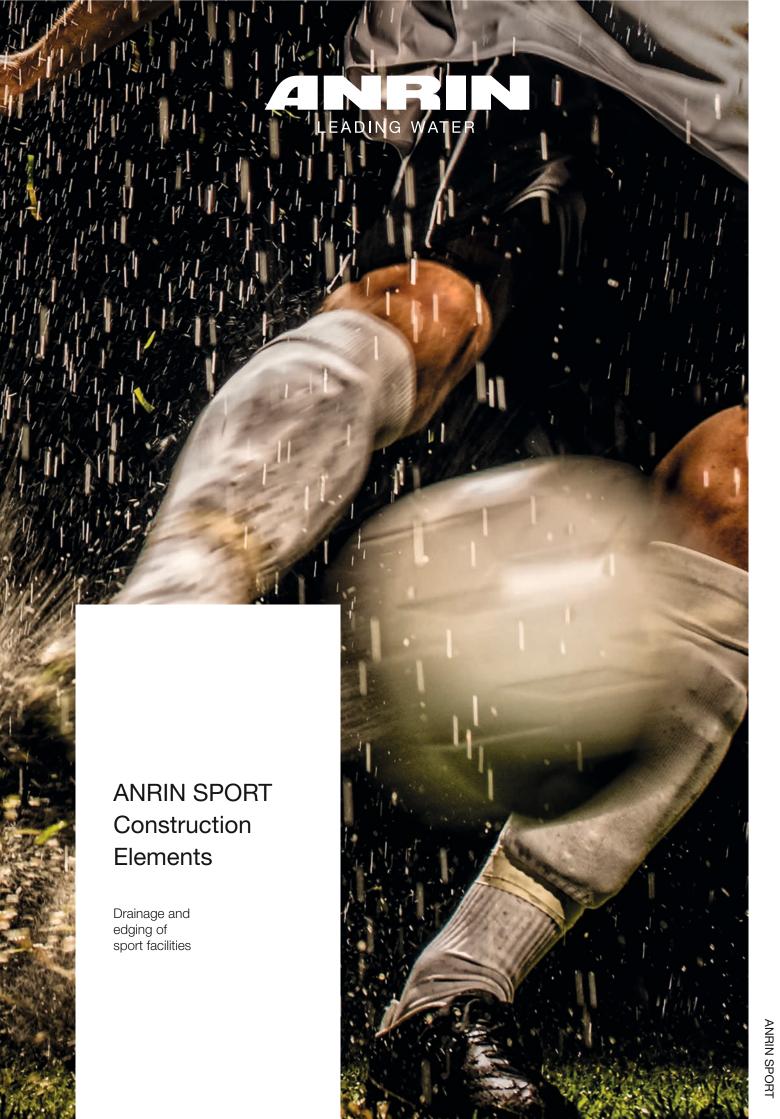
SELF Boot scraper complete with grating from polymer concrete, with drainage hole and galvanised diamond grating							
Dimensions 60 x 40 cm	07010600	60	40	8	13.3	40	103.20
Dimensions 75 x 50 cm	07010750	75	50	8	21.4	20	134.70

Material:

Scraper boxes from polymer concrete, frame made from tension-free, integrated steel covering according to choice. Easily cleaned central supports and outlet DA/OD 110

Construction:

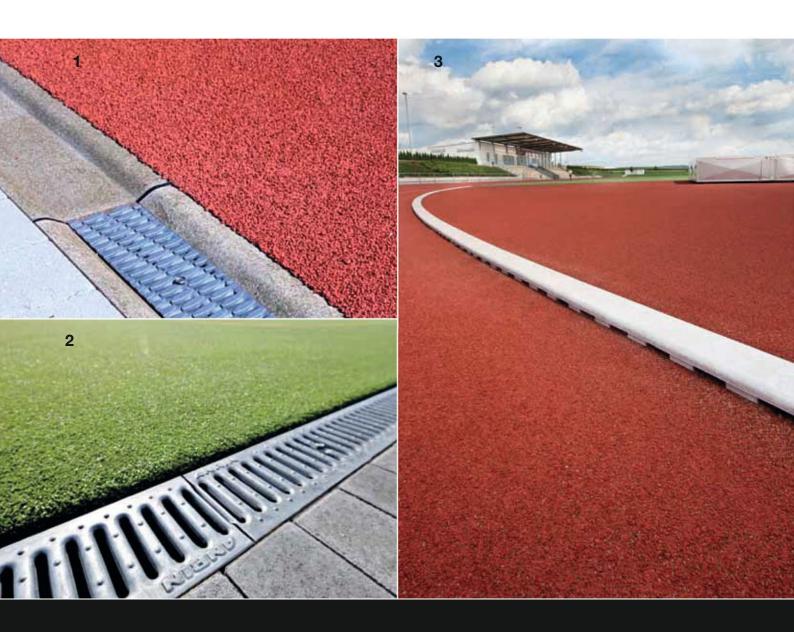
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Are you planning a specific sports project or are you involved in tendering for sports facilities?

Send us your query. We will put together a quote specifically for your project as quickly as possible - and we would be delighted to advise you on the technical implementation of drainage and edging for sports facilities.

- Tray channel sport field Wadersloh
- Synthetic turf drainage sport field, Hahnstrasse (FFM)
 Track drainage with NW 125 slotted channels sport field, Langenselbold



Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Channel 125 A, straight without raised edge	04111000	100	16.0	20.0	16.0
Channel 125 B, curved R = 36.5 m without raised edge	04112000	100	16.0	20.0	16.0
Channel 125 E, straight with raised edge	04113000	100	17.5	24.0	18.0
Channel 125 F, curved with raised edge	04114000	100	17.5	24.0	18.0



Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Sump unit 125 J without raised edge, with mud bucket and perforations DA/OD 110/160	04117000	50	16.0	58.5	29.0
Sump unit 125 K with raised edge, with mud bucket and perforations DA/OD 110/160	04118000	50	17.5	58.5	29.6
ANRIN Plastic cover PE-HD, white, immovable, straight	04370000	100	16.0	5.0	
ANRIN Plastic cover PE-HD, white, immovable, curved	04371000	100	16.0	5.0	











NW 125 slotted channels with coatable top and claw grooves for covering with In-Situ coatings

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Channel 125 C.1, straight, one-side coatable, with claw grooves	04112110	100	16.0	20.0	25.0
Channel 125 C.2, curved R = 36.5 m, one-side coatable, with claw grooves	04112210	100	16.0	20.0	24.5
Channel 125 C.3, curved R = 36.5 m, both sides coatable, with claw grooves	04112310	100	16.0	18.7	22.5
Channel 125 C.4, straight, both sides coatable, with claw grooves	04112410	100	16,0	18,7	23.0
End cap for channel type 125 C with groove	04170010	2	16	20	1.8
End cap for channel type 125 C with tongue	04170020	2	16	20	1.4

NW 125 slotted channels with access opening top with claw grooves for covering with In-Situ coatings									
Channel 125 R.1, straight, one-side coatable, with claw grooves	04112120	100	16.0	20.0	29.0				
Channel 125 R.2, curved, R = 36.5 m, one-side coatable, with claw grooves	04112220	100	16.0	20.0	28.0				
Channel 125 R.3, curved R = 36.5 m, both sides coatable, with claw grooves	04112320	100	16.0	18.7	25.0				
Channel 125 R.4, straight, both sides coatable, with claw grooves	04112420	100	16.0	18.7	24.0				
Sump unit 125 L.1, with aluminium-frame and one-side coatable top cover PE-mud bucket and perforations DA/OD 110/160	04119010	50	16.0	63.5	29.9				
Sump unit 125 L.3, with aluminium-frame and both sides coatable top cover PE-mud bucket and perforations DA/OD 110/160	04119030	50	16.0	63.5	29.9				
ANRIN Plastic cover PE-HD, white, mobile, straight	04373000	100	16.0	5.0					
ANRIN Plastic cover PE-HD, white, mobile, curved R = 36.5 m	04374000	100	16.0	5.0					

NW 125 slotted channels with coatable top without claw grooves as fitted carpeting for coatings

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Channel 125 C.5, straight, one-side coatable, flat top cover	04112510	100	16.0	20.0	26.0
Channel 125 C.6, curved R = 36.5 m, one-side coatable, flat top cover	04112610	100	16.0	20.0	25.5
Channel 125 C.7, curved R = 36.5 m, both sides coatable, flat top cover	04112710	100	16.0	18.7	23.5
Channel 125 C.8, straight, both sides coatable, flat top cover	04112810	100	16.0	18.7	22.5
End cap for channel type 125 C with groove	04170010	2	16	20	1.8
End cap for channel type 125 C with tongue	04170020	2	16	20	1.4

NW 125 slotted channels with access open top without claw grooves as fitted carpeting					
Channel 125 R.5, straight, one-side coatable, flat top cover	04112520	100	16.0	20.0	26.0
Channel 125 R.6, curved, R = 36.5 m, one-side coatable, flat top cover	04112620	100	16.0	20.0	26.0
Channel 125 R.7, curved, R = 36.5 m, both sides coatable, flat top cover	04112720	100	16.0	18.7	24.0
Channel 125 R.8, straight, both sides coatable, flat top cover	04112820	100	16.0	18.7	24.0
Sump unit 125 L.5, with aluminium-frame and one-side coatable top cover PE-mud bucket and perforations DA/OD 110/160	04119050	50	16.0	63.5	29.9
Sump unit 125 L.7, with aluminium-frame and both sides coatable top cover PE-mud bucket and perforations DA/OD 110/160	04119070	50	16.0	63.5	29.9
ANRIN Plastic cover PE-HD, white, mobile, straight	04373000	100	16.0	5.0	
ANRIN Plastic cover PE-HD, white, mobile, curved R = 36.5 m	04374000	100	16.0	5.0	











Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Tray channel type H7, straight, with 2 anchors	04211010	100	25.0	7.0	19.0
Tray channel type H7, curved, R = 36.6 m with 2 anchors	04212010	100	25.0	7.0	19.0
Sump unit for tray channel H7, with PE-mud bucket and perforations DA/OD 110, with sealing ring with integrated expansion joints tape	04215000	50	25.0	37.5	11.5
Grating, Compound, cl. B125 , OvalGrip Design SW 8 mm, color grey for insertion in the inlet opening	01004140	50	12.3		1.2



Special design for three-center curves and special radii									
Tray channel type H7, straight, with 2 anchors, polygonal, for laying in R= 18.0 m to R= 30.0 m	04205020	50	25.0	7.0	11.0				

With claw grooves for sports arenas with synthetic surface

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Tray channel type H7, straight, with 2 anchors model with claw grooves	04211020	100	25.0	7.0	19.0
Tray channel type H7, curved, R = 36.6 m with 2 anchors model with claw grooves	04212020	100	25.0	7.0	19.0
Sump unit for tray channel H7, with PE-mud bucket and perforations DA/OD 110, with sealing ring, with integrated expansion joints tape	04215001	50	25.0	37.5	11.5
Grating, Compound, cl. B125 , OvalGrip Design SW 8 mm, color grey for insertion in the inlet opening	01004140	50	12.3		1.2



Special design for three-center curves and special radii, model with claw grooves									
Tray channel type H7, straight, with 2 anchors, polygonal, for laying in Radii R= 18.0 m to R= 30.0 m model with claw grooves	04205030	50	25.0	7.0	11.0				



External bordering of running tracks with syr	thetic surface				
Turf edge plate, straight, with 4 anchors, with claw grooves	04204500	100	25,0	6,5	19,0
Turf edge plate, curved, R = 44.1 m, with 4 anchors, with claw grooves	04204600	100	25,0	6,5	19,0









Designation	Article	Lenght cm	Width cm	Height cm	Weight kg	Pc. / Pal.
Clamp channel NW 100, with drain openings in the clamp slot, with grating cl. A and TwistLock-fastening incl. clamp set	04401001	100	18.8	20.0	15.4	25
Mitre cut at camp channel and grating for 90° corners Req. 8 pieces / field	01307600					
Sump unit for clamp channel NW 100 with PE-mud bucket and perforations DA/OD 110 and 160, with grating cl. A with fastening incl. clamp set	04403001	50				

ANRIN Sport drainage system NW 125 synthetic turf for synthetic turffields in sports arenas



Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Clamp channel NW 125, straight with drain openings in the clamp slot, 4 cm raised clamp side, incl. clamp set	04411000	100	23.0	24.0	27.1
Clamp channel NW 125, curved R = 36.5 m, with drain openings in the clamp slot, 4 cm raised clamp side, incl. clamp set	04412000	100	23.0	24.0	27.1
Sump unit for clamp channel NW 125, with mud bucket and perforation DA/OD 110, incl. clamp set	04413000	50	23.0	62.5	35.9



Accessories					
ANRIN Plastic cover PE-HD, white, straight, immovable	04370000	100	16.0	5.0	
ANRIN Plastic cover PE-HD, white, curved R = 36.5 m immovable	04371000	100	16.0	5.0	

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Clamp stone with 5 cm concrete edge Clamp side lowered by 13 mm incl. clamp set	04435003	100	10.0	20.0	21.1
Mitre cut at clamp stone for 90° corners Req. 8 pieces / field	01307600				



ANRIN Sport Clamp rail for bordering synthetic turf fields in combination with block paving, kerbings or channels

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Clamp rail galvanised steel, with 4 anchors, incl. clamp set	04436001	200	3.2	5.5	7.0
Mitre cut at clamp rail for 90° corners Req. 8 pieces / field	01307600				



ANRIN SPORT Clamp set

for clamping synthetic turf in the ANRIN SPORT clamping system consisting of plastic wedges and U-rails.

For each meter of the clamping system, 4 plastic wedges and 2 U-rails are required.

We reserve the right to make technical modifications.



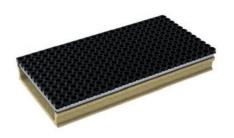


Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Soft kerbing, white rubber profile	04521000	100	6.0	40.0	21.3
Length compensation, 50 cm	04521100	50	6.0	40.0	11.1
Corner piece	04521200	25	6.0	40.0	12.1
leg length (internal) 25 cm					
Soft kerbing, white rubber profile	04522000	100	6.0	30.0	18.8
Length compensation, 50 cm	04522100	50	6.0	30.0	10.0
Corner piece	04522200	25	6.0	30.0	11.0
leg length (internal) 25 cm					
Soft kerbing, white rubber profile	04523000	100	6.0	25.0	17.3
Soft kerbing, white rubber profile	04524000	100	6.0	20.0	15.9
Mitre cut for 90° corners	01307600				

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Soft kerbing, black rubber profile	04501000	100	6.0	40.0	21.3
Length compensation, 50 cm	04501100	50	6.0	40.0	11.1
Corner piece	04501200	25	6.0	40.0	12.1
leg length (internal) 25 cm					
Soft kerbing, black rubber profile	04502000	100	6.0	30.0	18.8
Length compensation, 50 cm	04502100	50	6.0	30.0	10.0
Corner piece	04502200	25	6.0	30.0	11.0
leg length (internal) 25 cm					
Soft kerbing, black rubber profile	04503000	100	6.0	25.0	17.3
Soft kerbing, black rubber profile	04504000	100	6.0	20.0	15.9
Soft kerbing, black rubber profile	04506000	100	5.0	25.0	14.2
Soft kerbing, black rubber profile	04507000	100	5.0	20.0	12.5
Soft kerbing, black rubber profile	04509500	100	10.0	25.0	19.5
Soft kerbing, black rubber profile	04508000	100	10.0	40.0	33.8
Mitre cut for 90° corners	01307600				







Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Sand trap channel, with steel edge with rubber mat on steel grating	04571000	100	50.0	14.0	43.0
Length compensation, 112 cm	04572000	112	50.0	14.0	48.0
Length compensation, 67 cm	04571670	67	50.0	14.0	
End cap with steel edge	04573000		50.0	14.0	2.9

ANRIN Sport Spot intake point drainage in kerbstone bordering





Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Spot intake, sigle-side inlet, with PE-mud bucket, with perforations DA/OD 110 polymer concrete cover, matching the concrete block	04555000	50	15.0	35.0	18.0

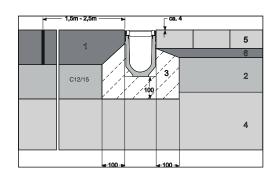
Spot intake, two-side inlet, with PE-mud bucket, with perforations DA/OD 110 polymer concrete cover, matching the concrete block	04565000	50	15.0	35.0	18.0

Designation	Article	Lenght cm	Width cm	Height cm	Weight kg
Cable distribution shaft with steel frame, perforations DA/OD 110/160 on all sides	04611000	60.0	60.0	60.0	57.0
Cover galvanised steel, coatable on-site	04613010	60.0	60.0		
Cover galvanised steel, checker plate	04613020	60.0	60.0		

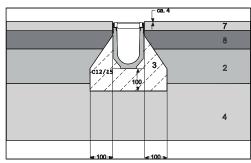




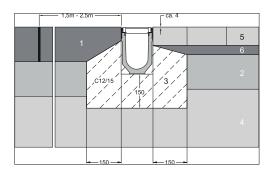
A15 with road concrete or concrete sheets or block paving



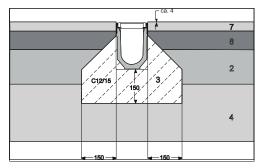
A15 with cast asphalt



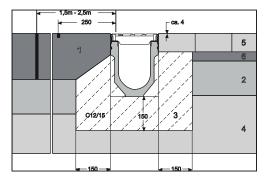
B125 with road concrete or concrete sheets or block paving



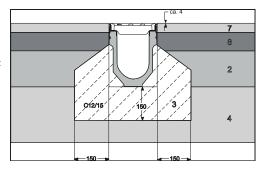
B125 with cast asphalt



C250 with road concrete or concrete sheets or block paving

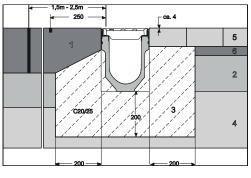


C250 with cast asphalt



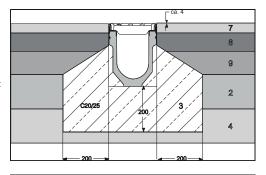
D400 E600

with road concrete or concrete sheets or block paving



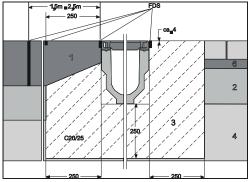
D400, E600

with cast asphalt

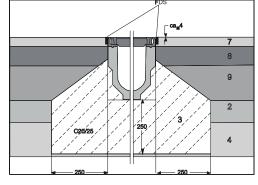


F900

with road concrete or concrete sheets or block paving



F900 with cast asphalt



- 1. Cast road concrete
- 2. Base
- 3. Concrete cladding of the channel body
- 4. Sub-base, natural soil
- 5. Prefabricated concrete sheets or stone systems
- 6. Paving bed
- 7. Wearing course
- 8. Bonding course 9. Bitumen base
- FDS = joint sealing system

1. Scope of terms and conditions

Our deliveries, services and offers are provided exclusively on the basis of the following terms and conditions. These conditions therefore also apply to all future terms and conditions, including where they have not been again expressly agreed. These terms and conditions are deemed to have been accepted, at the latest, upon receipt of the goods or services. Counterconfirmations on the part of our contract partners which refer to their own general terms and conditions are hereby rejected, and are also inapplicable regardless of whether referred to in writing with orders or deliveries. Deviations from these terms and conditions only apply where confirmed by us in writing.

2. Offer and conclusion of contract

Our offers are subject to alteration and are non-binding. Declara-tions of acceptance and all orders must be confirmed in writing or by telex to be legally valid. This also applies to supplements, amendments or ancillary agreements or the verbal undertakings of our employees.

3. Prices and terms of payment

- (1) Unless otherwise specified in the confirmation of order, our prices apply "ex-factory" excluding packaging, which will be charged separately. We reserve the right to reasonably increase our prices where, following conclusion of the contract, cost increases are incurred, particularly as a consequence of collective pay agreements or material price increases. Evidence of such increases will be provided to the customer upon request.
- (2) Statutory Value Added Tax is not included in our prices. This will be shown separately in the invoice at the statutory rate applicable on the date of invoice.
- (3) Discount deductions require a separate, written agreement
- (4) Unless otherwise specified in the confirmation of order, the purchase price is payable net (without deductions) within 30 days of the invoice date. Wheresoever the customer defaults on payment, we are entitled to demand interest of 4% p.a. above the respective discount rate of the German Bundesbank. Insofar as we are able to supply evidence of greater damages incurred due to default, we are entitled to assert a claim for such. The customer is, however, entitled to supply us with evidence demonstrating that no damages or significantly lower damages were incurred by ourselves as a result of the default on payment.
- (5) The customer is not entitled to deny, withhold or set-off payments on the basis of any counterclaims, unless such counterclaims are judicially non-appealable, uncontested or have been acknowledged by us.

4. Delivery and service times

- (1) The dates and deadlines stated by us are non-binding insofar as not otherwise expressly agreed in writing. (2) Wheresoever we are prevented from the timely fulfillment of our obligations as a result of force majeure or other unforeseeab-le, extraordinary circumstances occurring in the absence of fault, for example, difficulties in obtaining materials, stoppages, strike, shut-out, shortage of transport facilities, official actions, difficulties with energy supplies etc. including where these occur at our suppliers the delivery date shall be extended accordingly. Should the stated circumstances make delivery or provision of services impossible or unreasonable, we shall be released of our delivery obligations. We shall inform the customer as quickly as possible of the beginning and end of any such obstructions. The customer may request that we declare, within a period of two weeks, whe-ther we wish to withdraw from the agreement or effect delivery within a reasonable period.
- (3) In the event that we default on delivery for reasons occasioned by ourselves, liability for damages due to ordinary negligence shall be precluded.
- (4) Wheresoever, subsequent to us defaulting on delivery, the cus-tomer grants us a reasonable extension for delivery under threat of rejection, the customer shall be entitled to withdraw from the contract in the event that we fail to deliver by the said extended delivery date; claims for compensation due to non-performance for the amount of foreseeable damage may only be asserted by the customer where the default is based on wrongful intention or gross negligence; in remainder, liability for compensation shall be limited to 50% of actual damages incurred.
- (5) Restrictions to liability stipulated in Ss. 3 and 4 abo-ve do not apply insofar as a fixed date of delivery has been agreed commercially, or where, in the event of default oc-casioned by ourselves, the customer is able to assert that its interests in performance of the contract have lapsed.
- (6) Observance of our delivery obligations is conditional upon the due and proper fulfillment of customer obligations.
- (7) Should the customer default in accepting goods or otherwise infringe his obligation to co-operate, we are entitled to claim da-mages incurred by ourselves, including any additional expenses. In such cases, the risk of accidental destruction or accidental deteri-oration of the goods passes to the customer at the point in time in which it defaults in acceptance.
- (8) We are entitled to make partial deliveries or render partial services at all times. The customer is obliged to pay separately according to our terms of payment for partial deliveries and partial services that are charged separately by us.

5. Transfer of risk, shipping, insurance

- (1) Unless otherwise stated in the confirmation of order, delivery "ex-factory" is agreed.
- (2) If the customer wishes, we will arrange for the delivery to

be covered by a transport insurance policy; all associated costs incurred for such shall be borne by the customer. (3) Where freight-paid delivery is agreed, this shall be executed with transport facilities determined by us, and excludes unloading. This is further subject to the requirement that stable roads exist which can support heavy freight vehicles. Waiting times and unloading times of more than 30 minutes per 5 t will be charged separately to the customer.

6. Warranty for defects

- (1) The customer will examine the received goods without delay to determine defects, condition and guaranteed properties and is to report obvious defects within one week in writing. Defects which are not revealed despite a careful examination within this period must be reported without delay and in writing immediately upon their discovery. An opportunity to establish the defect on site is to be extended to ourselves. (2) Should any defects for which we are responsible be ascertained in the goods, at our discretion, we are entitled to remedy such defects or replace the delivery. If defects are remedied, we shall bear all costs for materials, transport and labor; however, only half the costs for installation and assembly. In the event that these costs are increased as a result of the goods being moved to a place other than the place of fulfillment, such costs shall not be borne by us.
- (3) Should we be unwilling or unable to effect remedy of the defect/replacement delivery, particularly where such action is delayed beyond reasonable periods for reasons occasioned by us, or whe-resoever the remedy of defect/replacement delivery fails for other reasons, at its own discretion, the customer is entitled to claim a reduction in price or, provided that construction work is not the subject of the warranty, to withdraw from the agreement.

 (4) Insofar as not otherwise specified below, further claims on
- (4) Insofar as not otherwise specified below, further claims on the part of the customer - regardless of legal basis - are precluded. Consequently, we do not accept liability for damages not caused to the delivery item itself. In particular, we do not accept liability for loss of profit or other economic loss on the part of the customer.
- (5) The above exemption from liability does not apply insofar as the cause of damages originates from wrongful intention or gross negligence, or where the customer claims damages for non-performance due to the lack of a guaranteed property in accordance with Ss. 463, 480 (2) of the German Civil Code (BGB).
- (6) Insofar as we negligently infringe a substantial obligation of the agreement, we will be liable to compensate foreseeable damage.
- (7) The period of warranty is 24 months effective from the transfer of risk. This period is a term of limitation and also applies to claims for compensation for consequential damages, insofar as no claims arising from tortious acts are asserted.

7. Overall liability

- (1) Liability for damages extending beyond that stipulated in S. 6 (4) to (6) is precluded regardless of the legal nature of the asserted claim.
- (2) The provision of (1) above does not apply to claims made under Ss. 1, 4 of the German Product Liability Act (Produkthaftungsge-setz). This also applies with respect to initial incapacity or justifiable impossibility.
- (3) Insofar as liability on our part is precluded or limited, this will also apply with respect to the personal liability of our employees in all positions, representatives and vicarious agents. (4) The limitation of claims arising from manufacturer's liability in accordance with S. 823 BGB is dependent on S. 6 (7), regardless of whom such claims are asserted against.

8 Retention of title

- (1) We reserve title to the goods delivered by us until all payments arising from the business relationship with the customer have been received. Insofar as we agree with the customer that payment of the debt may be in the form of check/bill of exchange, this reservation also persists until redemption of the bill of exchange accepted by ourselves has been effected by the customer, and is not discharged through the credit entry effected by ourselves for receipt of the check (2) In the event of conduct contrary to the terms of the contract on the part of the customer, in particular with respect to default on payments, we are entitled to recover the delivered goods. Recovery of the goods by us does not represent a withdrawal from the agreement unless we expressly declare such in writing. Levy of execution (seizure) of the goods by us shall constitute a withdrawal from the agreement in all cas We are entitled to realize the value of the goods following their recovery, whereby – subject to an ap-propriate deduction for realization costs – the proceeds from such realization will be credited to accounts payable by the customer. (3) The customer is obliged to handle the goods with care In par-ticular, at its own expense, the customer is obliged to adequately insure the goods at value as new against fire, water damage and theft. In the event that maintenance and inspection work is necessary, the customer must conduct such work promptly at its own expense.
- (4) The customer must notify us without delay in writing of any levy of execution (seizure) or other actions by third parties in order that we may institute proceedings under S. 771 of the German rules of civil procedure (ZPO). Wheresoever the third party is unable to reimburse us for the judicial and extrajudicial costs of legal proceedings in accordance with S. 771 ZPO, the customer will be liable for any loss incurred on our part. (5) The customer is entitled to resell the delivered goods in the ordinary course of business; however, it hereby assigns to us all accounts receivable to the total value of the invoice (including VAT) accruing to it from sales to its customers or

third parties, and regardless of whether the goods have been sold without or following reprocessing. The customer remains entitled to enforce collection of such accounts receivable following this assignment, whereby our authority to collect the accounts receivable remains without prejudice. However, we undertake to refrain from collection of the accounts receivable insofar as the customer fulfills its payment ob-ligations from the earnings received, is not in default on payments and, in particular, insofar as no application for the institution of bankruptcy or settlement proceedings is submitted, or suspension of payments effected. Should such a case arise, we are entitled to require that the customer notifies us of the assigned account re-ceivable and its commensurate debtor, provides all information ne-cessary to facilitate collection, submits all associated documents, and informs the debtors (third parties) of the assignment.

- (6) Any reprocessing or reworking of goods delivered by us on the part of the customer is continually conducted on our behalf. Wheresoever the goods are processed with other objects for which we do not hold title, we shall acquire coownership of the new product in a ratio of the value of the goods for which we hold title to that of the other processed objects at the time of reprocessing. In remainder, the same applies to the product of such processing as is the case for goods delivered under reservation of title.
- (7) If the goods are indivisibly combined with other objects for which we do not hold title, we shall acquire co-ownership of the new product in a ratio of the value of the object of sale to that of the other combined objects at the time of combination. If combination is conducted in a manner by which the product of the customer is regarded as the main product, it is hereby agreed that the customer shall assign proportionate co-ownership to us. The customer will preserve the resulting sole or co-ownership on our behalf.
- (8) In order to secure our accounts receivable against it, the cus-tomer shall also assign to us any accounts receivable acquired against a third party as a result of combining the goods with land.
- (9) We undertake to release, at the request of the customer, securities to which we are entitled, insofar as the value of our securities exceeds the accounts receivable to be secured by more than 20%. The choice of the released securities is incumbent upon ourselves.
- 9. Place of fulfillment, legal venue, partial invalidity, applicable law. The place of fulfillment for all of our services is Anröchte. Legal venue for all disputes arising directly or indirectly from the contractual relationship is Lippstadt. Wheresoever any provision of these terms and conditions, or any provision within the scope of other agreements, is or becomes invalid, this shall not prejudice the validity of all remaining provisions or agreements. In the event that any individual provisions are invalid, the parties undertake to agree an alternative provision by mutual consent, which most closely meets the economic intention of the intended provision. German law applies exclusively.

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