

HYDROTEC

DRAINAGE CHANNELS

SYSTEM TOP

with screwless locking system

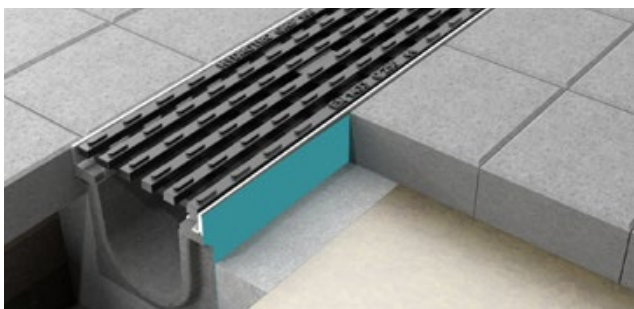


SYSTEM TOP

Product benefits

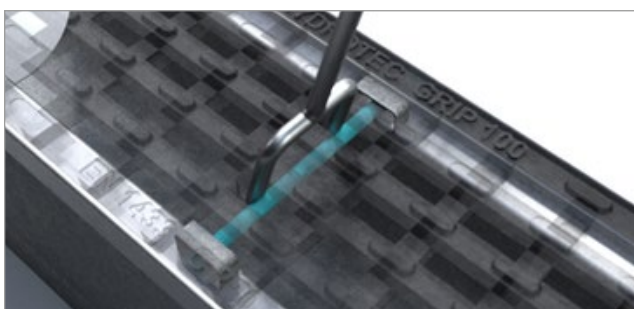
Drainage Channel made of fibre-reinforced concrete

The system with its hot-dip galvanised steel frame and fibre-reinforced concrete C35/45 is the perfect candidate for drainage on cycle paths, pedestrian paths, schoolyards and car parks.



Optimal for paving

The straight external surfaces guarantee an easy and smooth installation.



Screwless locking system

Easy opening and closing with the installation bar.



DIN EN 1433

concrete strength C35/45



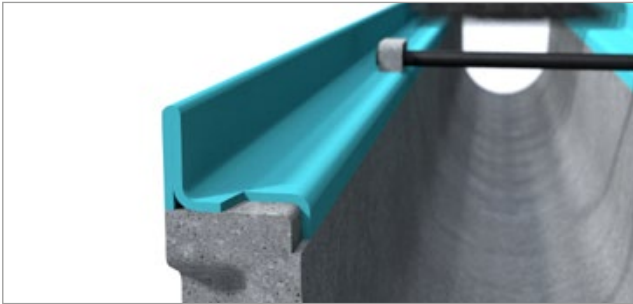
weather-resistant



non-flammable

SYSTEM TOP

Product benefits



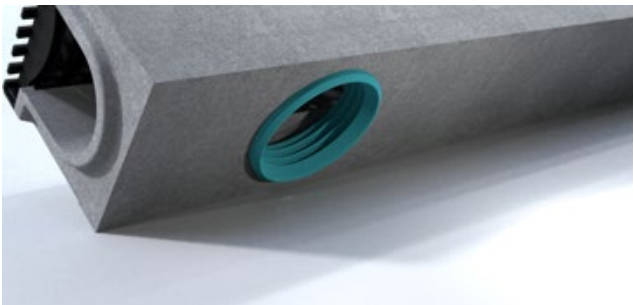
Edge protection

The hot-dip galvanised steel ($>60\text{ }\mu\text{m}$) edge protection provides more stability.



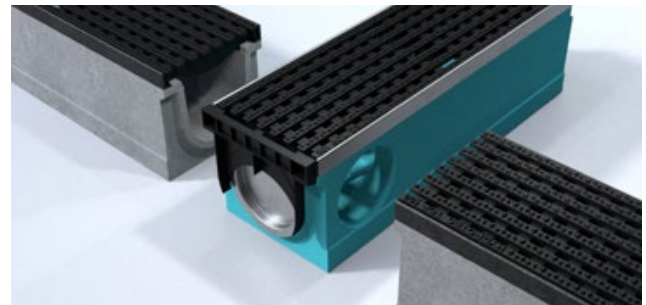
Gratings

The Gratings are available in different materials (steel galvanised, cast iron, polyamide) and designs.



Vertical outlet

Liquid-tight connection with integrated sealing ring for ground pipes.



Special element

Can be used as corner or T-element.

SYSTEM TOP

Installation areas



SYSTEM TOP

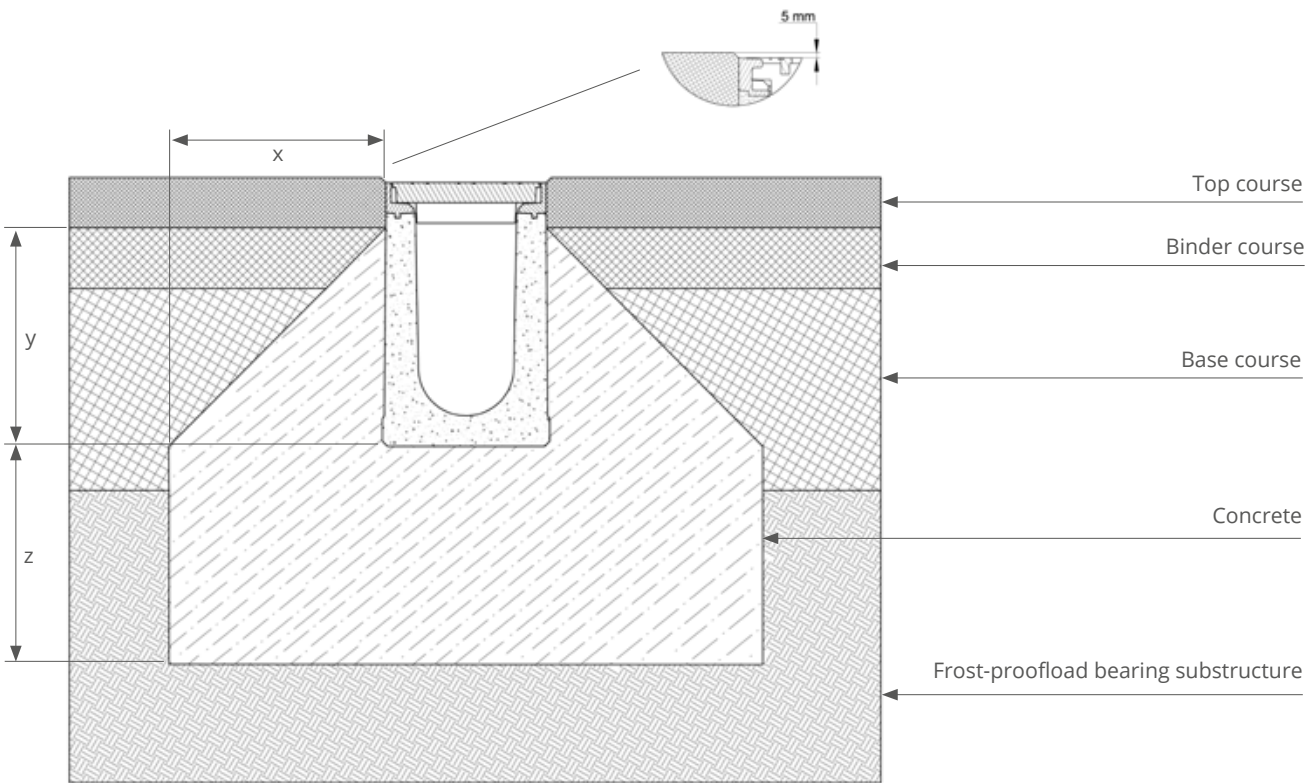
Installation areas



SYSTEM TOP

Installation instruction

ASPHALT



The edge protector in the drainage channel must be permanently seated approx. 5 mm lower than the adjoining surface.

x y z (according to calculation)

A 15	10 cm concrete C25/30
B 125 / C 250	15 cm concrete C25/30

General notes

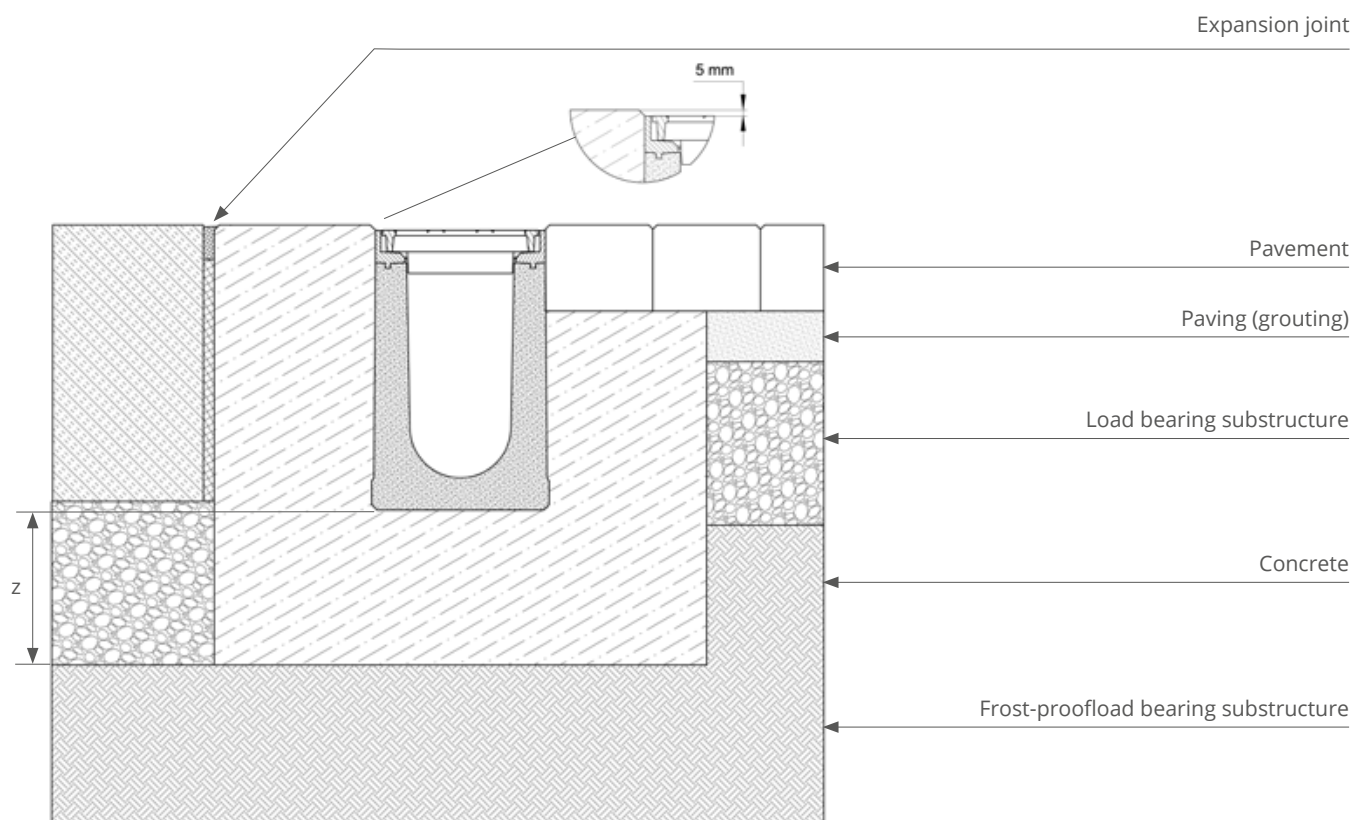
The installation instructions are only provided as a recommendation. The construction companies charged with installation can naturally incorporate any of their own improvements. The construction company is responsible for the correct installation of the drainage channels.

All installed parts must be examined before installation to ensure that they are undamaged. For reasons of liability never install damaged parts and contact the supplier immediately to submit a claim.

SYSTEM TOP

Installation instruction

ROADWAY CONCRETE / PAVEMENT



The edge protector in the drainage channel must be permanently seated approx. 5 mm lower than the adjoining surface.

The paving must be installed in such a way that dynamic shearing forces do not affect the channel sides. This is achieved by a non-positive bond of the paving.

z (according to calculation)

A 15	10 cm concrete C25/30
B 125 / C 250	15 cm concrete C25/30

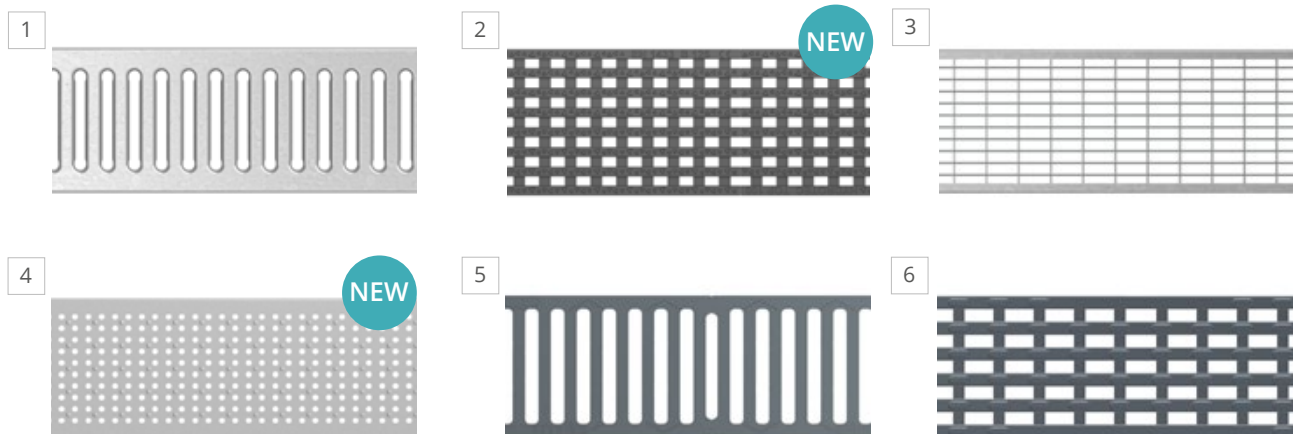
General notes

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SYSTEM TOP

Gratings



Type	Class	Art. No.	Nominal width mm	Length mm	Inlet opening mm	Inlet area cm ² /m	kg	Pallet
1	A 15	0314 301	100	1000	10	359	2,1	96
		0314 305		500			1,1	-
	C 250	0334 301		1000			4,3	96
		0334 305		500			2,2	-
2	B 125	0324 222	100	500	14	360	0,9	-
3	C 250	0334 411		1000	30/10	900	4,4	96
		0334 415		500			2,2	-
		0334 451	150	1000		1350	7,2	80
		0334 455		500			4,4	-
		0334 421	200	1000		1590	8,8	60
		0334 425		500			4,0	-
4	A 15	0314 601	100	1000	6	198	1,8	96
		0314 605		500			1,3	-
	C 250	0334 601		1000			3,9	-
		0334 605		500			1,9	-
5	Iron slotted grating	0334 201	100	500	14	564	3,8	144
6	Iron slotted grating	0334 212			12	446	4,3	144
		0334 252	150			610	6,0	120
		0334 222	200			766	8,0	72

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Channel body



Type	Height mm	Nominal width mm	Art. No.	kg	Pallet	
Basic element* 1000 mm	80	100	063101000 0080	15,0	24	
	110		063101000 0110	28,0		
	160		063101 000	30,0		
	185		063101 050	35,5		
	210		063101 100	41,5		
Basic element 500 mm	80	100	063101005 0080	7,5	48	
	110		063101005 0110	14,5		
	160		063101 005	15,0		
	185		063101 055	18,0		
	210		063101 105	19,0		
Vertical outlet** 1000 mm	80	100	063101007 0080	15,0	-	
	110		063101007 0110	28,0		
	160		063101 007	30,0		
	185		063101 057	35,5		
	210		063101 107	41,5		
Special element 500 mm	160	100	063101 006	14,0	-	
	185		063101 056	17,0		
	210		063101 106	18,0		

*also available with slope 0,5 %

**with integrated sealing ring Ø100

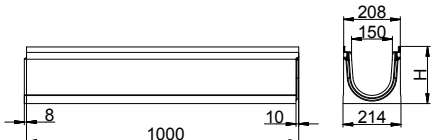
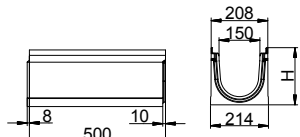
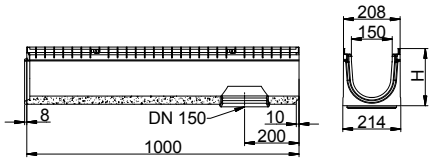
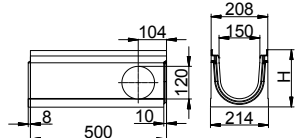
Heights 235 and 260 mm on request

Optional: Vertical outlet 500 mm with sleeve or vertical outlet 1000 mm or 500 mm with lateral sleeve.

SYSTEM TOP 150

Channel body



Type	Height mm	Nominal width mm	Art. No.	kg	Pallet	
Basic element* 1000 mm	210	150	063601 000	52,0	20	
	260		063601 050	58,0	15	
	310		063601 100	65,0		
Basic element 500 mm	210	150	063601 005	26,0	30	
	260		063601 055	29,0		
	310		063601 105	32,0		
Vertical outlet** 1000 mm	210	150	063601 007	52,0	-	
	260		063601 057	58,0		
	310		063601 107	65,0		
Special element 500 mm	210	150	063601 006	24,0	-	
	260		063601 056	27,0		
	310		063601 106	30,0		

*also available with slope 1 %

**with integrated sealing ring Ø150

Optional: Vertical outlet 500 mm with sleeve or vertical outlet 1000 mm or 500 mm with lateral sleeve.

SYSTEM TOP 200

Channel body



Type	Height mm	Nominal width mm	Art. No.	kg	Pallet	
Basic element 1000 mm	310	200	064501 050	80,0	12	
Basic element 500 mm	310	200	064501 055	40,0	24	
Vertical outlet* 1000 mm	310	200	064501 057	80,0	-	
Special element 500 mm	310	200	064501 056	40,0	-	

**with integrated sealing ring Ø150

Optional: Vertical outlet 500 mm with sleeve or vertical outlet 1000 mm or 500 mm with lateral sleeve.

SYSTEM TOP

Feed box



Type	Height mm	Nominal width mm	Art. No.	kg	Pallet	
Feed box* 500 mm	500	100	0631010 081	43,0	10	
Feed box* 500 mm	550	150	0636010 081	52,0	8	
Feed box* 500 mm	550	200	0645010 081	57	6	

*with integrated sealing ring Ø150 and dirt catcher

SYSTEM TOP

Zubehör

Type	Art. No.	Height mm	
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TOP 100

End piece PP	7001 130	160
End piece cast iron	7001 111	160
End piece closed, 2 parts	7001 110	185 - 260
End piece with pipe joint DN 100, 2 parts	7001 120	160 - 260
End piece iron	7001 112	185 - 260
End piece low profile PP	7001110 080	80
End piece low profile PP	7001110 110	110



End piece closed



End piece with pipe joint



End piece low profile

TOP 150/200

End piece PP (TOP/MAXI 150)	7001 151	
End piece iron (TOP/MAXI 150)	7001 152	
End piece PP (TOP/MAXI 200)	7001 200	
End piece iron (TOP/MAXI 200)	7001 250	
End piece iron - Pipe connection DN 100 (MAXI 150)	7001 1580	210
End piece iron - Pipe connection DN 100 (MAXI 150)	7001 1585	260
End piece iron - Pipe connection DN 100 (MAXI 150)	7001 1590	310
End piece iron - Pipe connection DN 150 (MAXI 200)	7001 280	

End piece PE
TOP/MAXI 150End piece iron
TOP/MAXI 150End piece PE
TOP/MAXI 200End piece iron
TOP/MAXI 200End piece iron
Pipe connection

SYSTEM TOP

Accessories

Type	Art. No.		
Installation bar	7009 900		
Installation bar (Preforated grating)	7009 903	Installation bar	Cleaning shovel
Cleaning shovel	7009 950		
PVC DN 100	7002 100		
PVC DN 150	7002 150	PVC	Foul air stop
PVC DN 200	7002 200		
Foul air stop DN 100	7003 100		
Foul air stop DN 150	7003 150		
KG 2000 DN 110 / Pipe connection DN 100	7002 251		
KG 2000 DN 160 / Pipe connection DN 150	7002 252		
KG 2000 DN 200 / Pipe connection DN 200	7002 253	KG 2000	



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