



Mufledrain Easy
Drainage channel

Mufledrain Easy: the installation in residential contexts

Mufledrain Easy is the linear drainage system completely made of HD-PE with no rails.

The absence of rail ensures that the grating completely covers the channel and allows a drainage line installation without interruptions or discontinuities; this, many times, increases the aesthetics of installation in architectural projects and contexts.

The absence of any rail is a plus when it gets to height reduction in difficult installation sites and makes it possible to install the channel in all areas with reduced excavation depth.



Main features

- Channel body completely made of HD-PE
- The grating covers completely the channel body
- 3 different internal widths: 100, 150, 200 mm are available
- Sump unit with foul air trap
- With side and vertical knockouts
- Vertical outlet kit Ø100 and Ø110 mm for channels H55 and H80 mm
- Bolt and bar fixing system for the gratings.
- Special pieces for corners, "T" couplings and cross couplings are available
- End-caps or end-caps with outlets

Typical applications

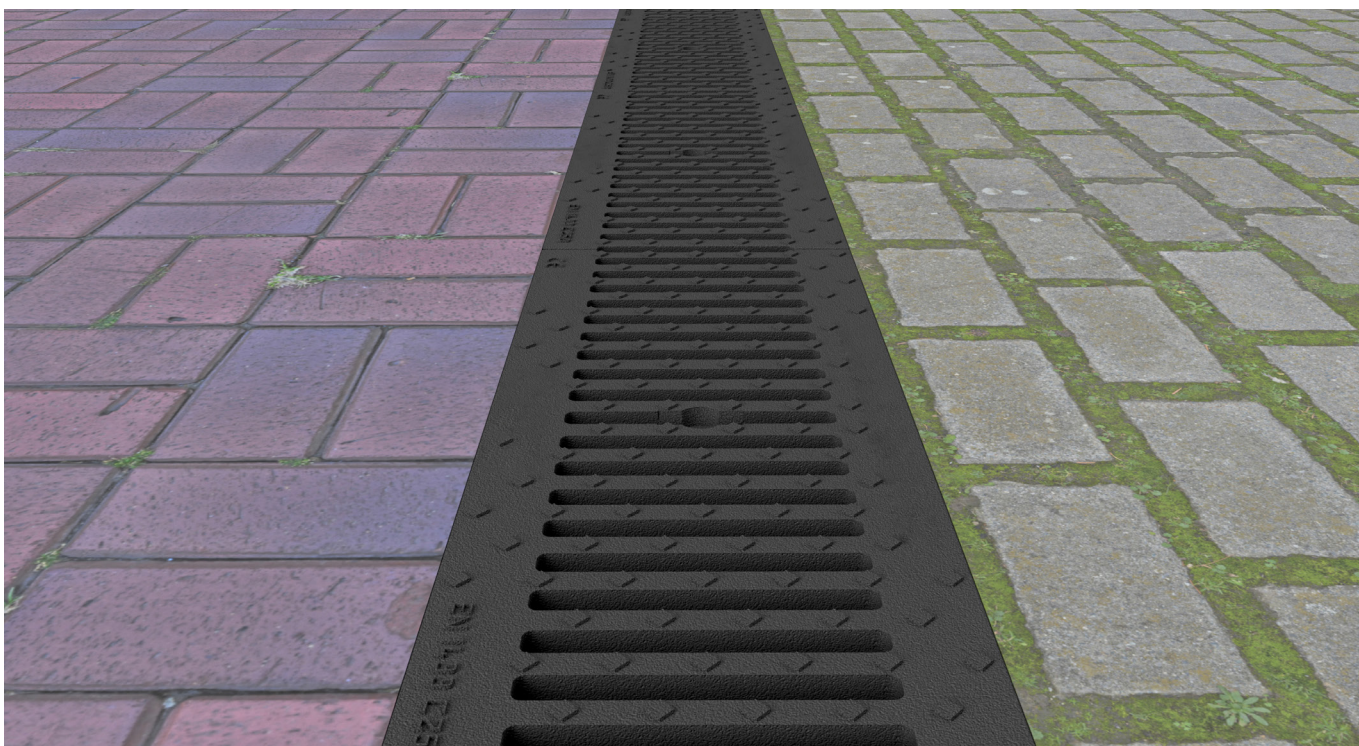
- Domestic and civil use
- Pedestrian areas
- Cycle paths
- Gardens
- Sports facilities
- Terraces and flat roofs
- Multi-level car parking

System overview

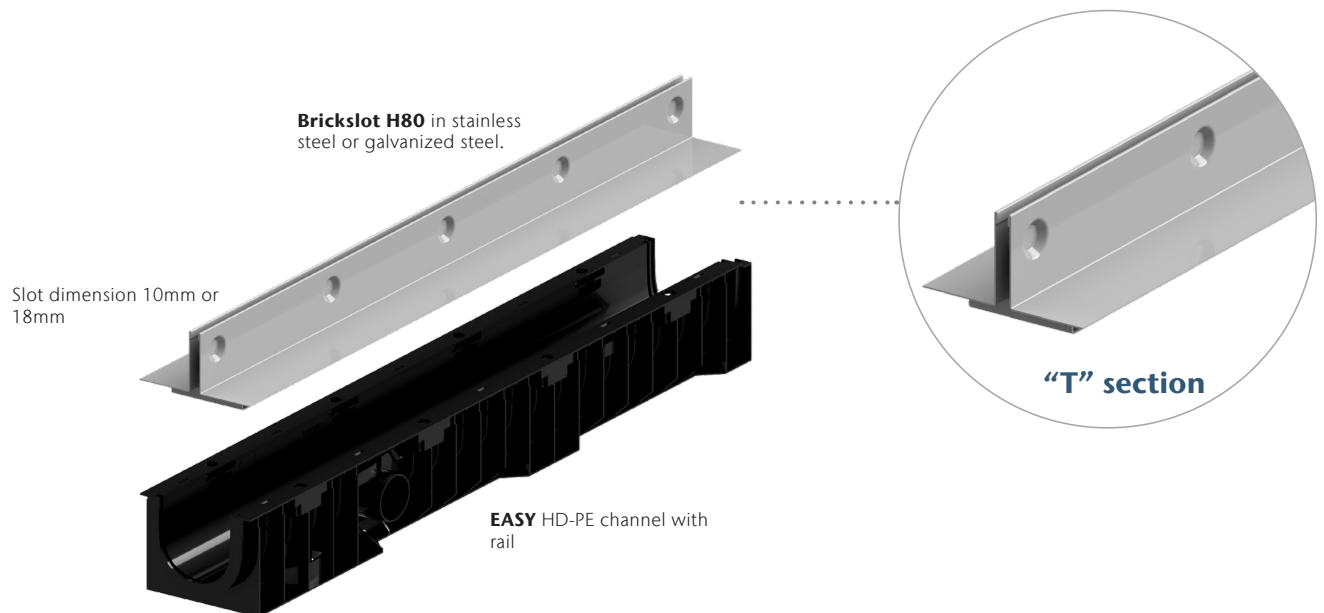
Example of Mufledrain Easy 150 channel with C 250 ductile iron slot grating



Detail of the installed channel



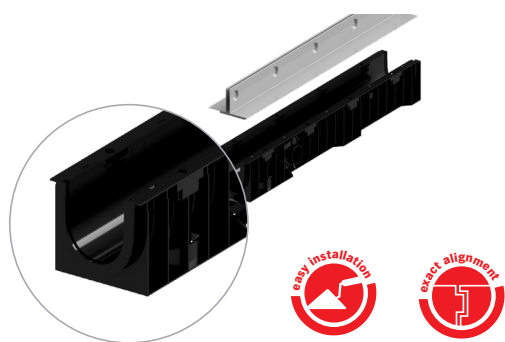
Mufledrain Brickslot “T” section with EASY channel body



Main Features

- “T” section made in stainless steel AISI 304 or in galvanized steel
- Dimension of slot 10mm
- Suitable for surfaces paved with block stones (60-70mm high)
- Load class C250
- The drainage system can be completely inspected thanks to inspection element
- The inspection element can be installed on Easy channel or sump unit
- Certified in accordance to EN 1433

Designed for professional drainage



BrickSlot H80 "T" section is designed for **EASY** channel made of HD-PE with no rails.

The absence of the rail ensures that the grating completely covers the channel.

BrickSlot H80 "T" section can be installed on Easy 100 in all its internal heights: 55, 80, 100 and 160mm.



Ideal for areas paved with stones, concrete and paving, all materials used in squares, fountains, private roads and places with paving blocks up to 70mm).

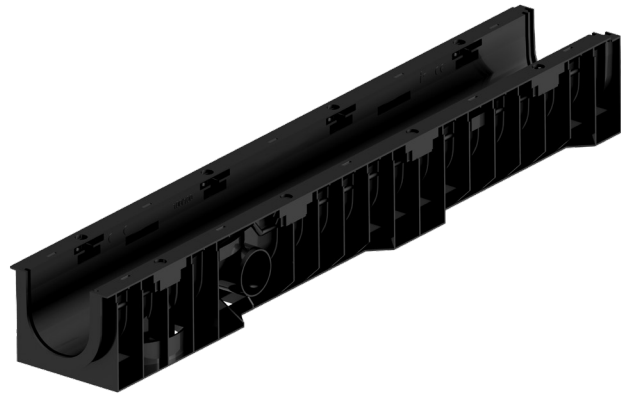
The drainage system with the Brickslot represents one of the possible types of water drainage and can be considered a valid alternative to the traditional gratings.

Brickslot H80 can be installed on EASY. The channel together with Brickslot H80 create a drainage system that appears to be a thin continuous line perfectly integrated into the surrounding, making it invisible in the architectural context or in urban landscape.

Mufledrain Easy 100

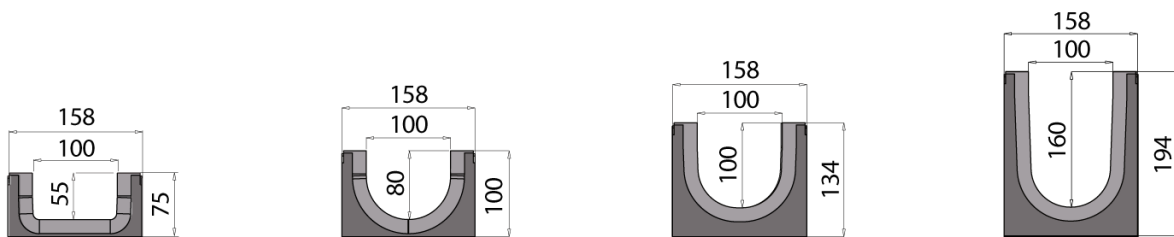
Product information

- HD-PE drainage channel, internal width: 100 mm
- Load class A15, B125 and C250 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- Vertical outlet kit Ø100 and Ø110 mm for channel H55 and H80 mm; knockout on all other sizes
- Special parts for corners, T-couplings and cross-couplings are available on request






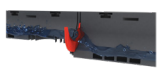

Mufledrain Easy 100 channel

Length 1000 mm, total width 158 mm

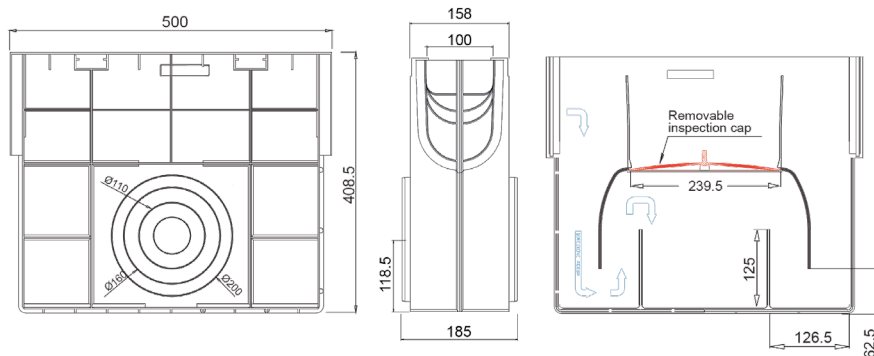


Total height	Internal height	Ø side outlet	Ø Vertical outlet	Weight	Pieces/pallet (100X120)	Article number
[mm]	[mm]	[mm]	[mm]	[kg/pc]		
Channel with vertical outlet kit Ø100/110						
75	55	2 x Ø40	1 x Ø100/110	1,40	98	700007
100	80	2 x Ø63	1 x Ø100/110	1,60	70	700006
Channel with vertical outlet Ø110						
134	100	2 x Ø63	1 x Ø110	1,90	56	700001
194	160	2 x Ø110	1 x Ø110	2,40	42	700000

Mufledrain Easy 100 channel accessories



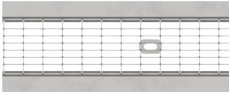
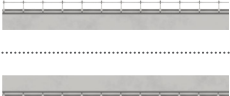
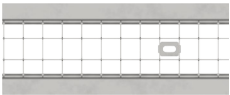



Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	55	PE	700508
		80	PE	700509
		100	PE	700510
		160	PE	700511
	Ø40 outlet end-cap	55	PE	700500
	Ø50 outlet end-cap	80	PE	700521
	Ø75 outlet end-cap	100	PE	700522
		160	PE	700523
	Vertical outlet KIT Ø100	55/80	PE	506114
	Vertical outlet KIT Ø110	55/80	PE	506115
	Step connectors from 100 mm to 160 mm	-	Composit	700516
	Bituminous sealant	-	-	500345

Mufledrain Easy 100 sump unit





Description	Material	Height [mm]	Width [mm]	Length [mm]	Ø side outlet [mm]	Weight [kg/pc]	Article number
Sump unit with female-female connection	PE	408,5	158	500	2xØ110 2xØ160 2xØ200	2,50	700008

Mufledrain Easy 100 channel gratings

Image	Description	Fixing system	Width [mm]	Length [mm]	Slot/mesh [mm]	Weight [kg/pc]	Article number
A 15							
	Galvanized steel slot	Bolt and bar (not included)	154	998	83 x 8,5	1,80	500109
	Stainless steel slot	Bolt and bar (not included)	154	998	83 x 8,5	1,80	500111
B 125							
	Galvanized steel heel safe mesh	Bolt and bar (not included)	154	998	33 x 15	3,90	500105
	Stainless steel heel safe mesh	Bolt and bar (not included)	154	998	33 x 15	3,90	500104
	Galvanized steel square mesh	Bolt and bar (not included)	154	998	34,2 x 32,2	3,30	500106
	Stainless steel square mesh	Bolt and bar (not included)	154	998	34,2 x 32,2	3,30	500108
	Ductile iron mesh	Bolt and bar (not included)	154	498	21,5 x 17,5	3,00	500143
C 250							
	Ductile iron 13mm Slot	Bolt and bar (not included)	154	498	80,0 x 13,0	4,20	500144

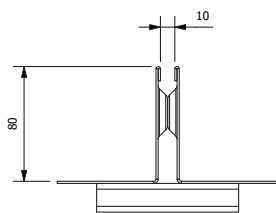
Mufledrain Easy 100 gratings accessories



Image	Description	Material	Valid for	Article number
	Bolt and bar kit + M8x40 TBL combi screw	Galvanized steel	Mufledrain Easy 100 galvanized steel gratings	500412 ⁽¹⁾
		Stainless steel	Mufledrain Easy 100 stainless steel gratings	500413 ⁽¹⁾
	Bolt and bar kit + M8x40 black hex head screw	Galvanized steel	Mufledrain Easy 100 ductile iron gratings	500414 ⁽¹⁾

⁽¹⁾Valid for 1 meter of channel

Mufledrain Brickslot for Easy 100

- Brickslot in Galvanized steel
- "T" profile
- 10mm slot
- Load class C250



	Material	Dimensions			Slot	Class Load	Weight	Artic. Num.
		Lenght	Width	Height				
		[mm]	[mm]	[mm]	[mm]		[kg]	
	Galvanized steel	1000	154	80	10	C250	4,40	503600
	Stainless steel	1000	154	80	10	C250	4,40	503603
	Galvanized steel	500	154	80	10	C250	2,30	503601
	Stainless steel	500	154	80	10	C250	2,30	503604
 inspection element	Galvanized steel	500	154	80	10	C250	4,90	503602
	Stainless steel	500	154	80	10	C250	4,90	503605

Mufledrain Easy 150

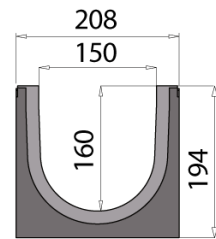
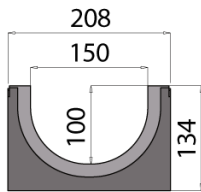
Product information

- HD-PE drainage channel, internal width: 150 mm
- Load class A15, B125 and C250 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- Special parts for corners, T-couplings and cross-couplings are available on request





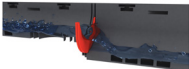

Mufledrain Easy 150 channel

Length 1000 mm, total width 208 mm

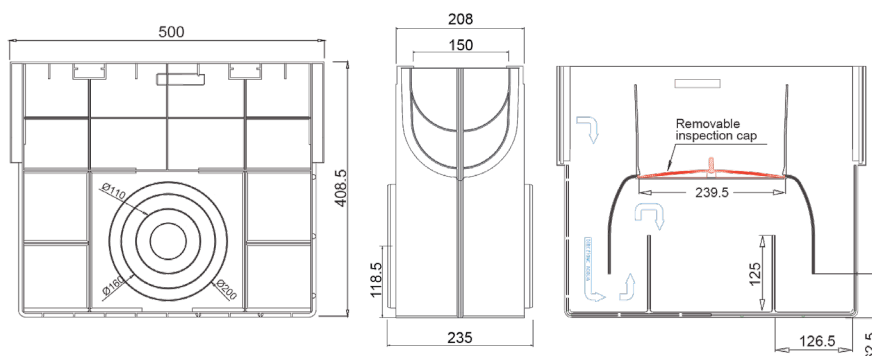


Total height	Internal height	Ø Side outlet	Ø Vertical outlet	Weight	Pieces/pallet (100X120)	Article number
[mm]	[mm]	[mm]	[mm]	[kg/pc]		
Channel with Vertical outlet Ø110/160						
134	100	2 x Ø63	1 x Ø110/160	2,30	40	700003
194	160	2 x Ø110	1 x Ø110/160	2,85	30	700002

Mufledrain Easy 150 channel accessories

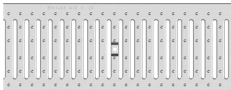
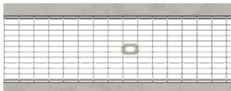
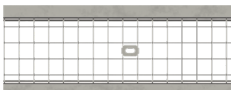
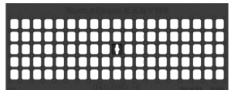

Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	100	PE	700512
		160	PE	700513
	Ø75 outlet end-cap	100	PE	700524
	Ø110 outlet end-cap	160	PE	700505
	Step connectors from 150/100 to 150/160	-	Composit	700517
	Bituminous sealant	-	-	500345

Mufledrain Easy 150 sump unit





Description	Material	Height [mm]	Width [mm]	Length [mm]	Ø Side Outlet [mm]	Weight [kg/pc]	Article Number
Sump unit with female-female connection	PE	408,5	208	500	2xØ110 2xØ160 2xØ200	2,78	700009

Mufledrain Easy 150 channel gratings

Image	Description	Fixing System	Width [mm]	Length [mm]	Slot/Mesh [mm]	Weight [kg/pc]	Article Number
A 15							
	Galvanized steel slot	Bolt and bar (not included)	204	998	130 x 8.5	3,00	500123
	Stainless steel slot	Bolt and bar (not included)	204	998	130 x 8.5	3,30	500124
B 125							
	Galvanized steel heel safe mesh	Bolt and bar (not included)	204	998	33 x 15	5,40	500117
	Stainless steel heel safe mesh	Bolt and bar (not included)	204	998	33 x 15	5,40	500119
	Galvanized steel square mesh	Bolt and bar (not included)	204	998	34,2 x 32,2	4,60	500120
	Stainless steel square mesh	Bolt and bar (not included)	204	998	34,2 x 32,2	4,60	500122
	Ductile iron mesh	Bolt and bar (not included)	204	498	21.5 x 17,5	4,70	500149
C 250							
	Ductile iron 13 mm Slot	Bolt and bar (not included)	204	498	130 x 13	5,50	500151

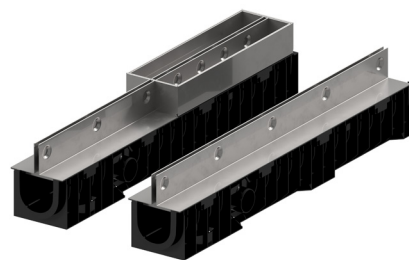
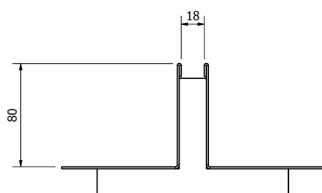
Mufledrain Easy 150 grating accessories


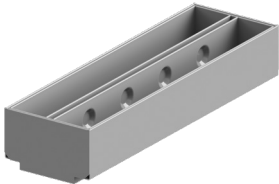
Image	Description	Material	Valid for	Article Number
	Bolt and bar kit + M8x40 TBL combi screw	Galvanized steel	Mufledrain Easy 150 galvanized steel gratings	500415 ⁽¹⁾
		Stainless steel	Mufledrain Easy 150 stainless steel gratings	500416 ⁽¹⁾
	Bolt and bar kit + M8x40 black hex head screw	Galvanized steel	Mufledrain Easy 150 ductile iron gratings	500417 ⁽¹⁾

⁽¹⁾Valid for 1 meter of channel

Mufledrain Brickslot for Easy 150

- Brickslot in Galvanized steel
- "T" profile
- 18mm slot
- Load class C250



	Material	Dimensions			Slot	Class Load	Weight	Artic. Num.
		Lenght	Width	Height				
		[mm]	[mm]	[mm]	[mm]		[kg]	
	Galvanized steel	1000	204	80	18	C250	5,50	500208
	Stainless steel	1000	204	80	18	C250	5,50	500244
	Galvanized steel	500	204	80	18	C250	2,75	500364
	Stainless steel	500	204	80	18	C250	2,75	500365
 inspection element	Galvanized steel	500	204	80	18	C250	5,60	500370
	Stainless steel	500	204	80	18	C250	5,60	500233

Mufledrain Easy 200

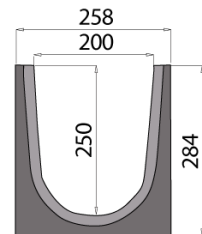
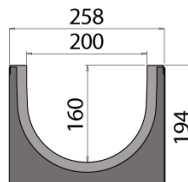
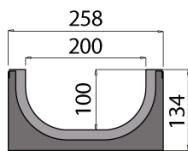
Product information

- HD-PE drainage channel, internal width: 200 mm
- Load class A15, B125 and C250 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- Special parts for corners, T-couplings and cross-couplings are available on request






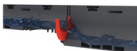

Mufledrain Easy 200 channel

Length 1000 mm, total width 258 mm

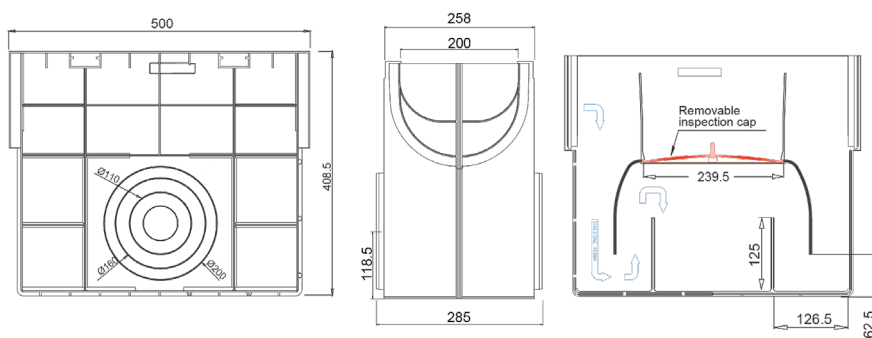
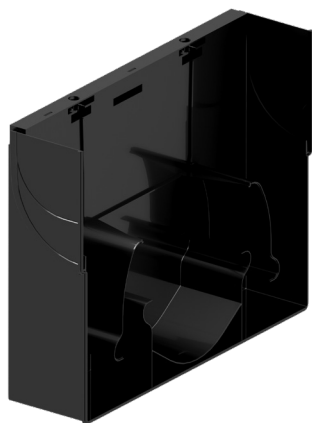


Total height	Internal height	Ø side outlet	Ø Vertical outlet	Weight	Pieces/ Pallet (100X120)	Article number
[mm]	[mm]	[mm]	[mm]	[kg/pc]		
Channel with Vertical outlet Ø200/160						
134	100	2 x Ø63	1 x Ø200/160	2,65	32	700005
194	160	2 x Ø110	1 x Ø200/160	3,25	24	700004
284	250	2 x Ø160/200	1 x Ø200/160	4,80	16	500013

Mufledrain Easy 200 channel accessories

Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	100	PE	700514
		160	PE	700515
	Ø75 outlet end-cap	100	PE	700526
	Ø110 outlet end-cap	160	PE	700507
	Closed end-cap with Ø160 knockout	250	PE	502416
	Step connectors from 100 mm to 160 mm	-	Composit	700519
	Step connectors from 160 mm to 250 mm	-	Composit	700518
	Bituminous sealant	-	-	500345

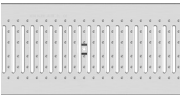
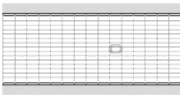
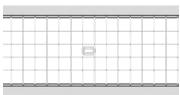
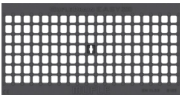

Mufledrain Easy 200 sump unit



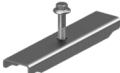

Description	Material	Height [mm]	Width [mm]	Length [mm]	Ø side outlet [mm]	Weight [kg/pc]	Article number
Sump unit with female-female connection	PE	408,5	258	500	2xØ110 2xØ160 2xØ200	3,00	700010 ⁽¹⁾

⁽¹⁾It is not designed for connection to H250 channels

Mufledrain Easy 200 gratings

Image	Description	Fixing system	Width [mm]	Length [mm]	Slot/Mesh [mm]	Weight [kg/pc]	Article number
A 15							
	Galvanized steel slot	Bolt and bar (not included)	254	998	130 x 8,5	5,00	500135
	Stainless steel slot	Bolt and bar (not included)	254	998	130 x 8,5	3,90	500255
B 125							
	Galvanized steel heel safe mesh	Bolt and bar (not included)	254	998	33 x 15	6,60	500131
	Stainless steel heel safe mesh	Bolt and bar (not included)	254	998	33 x 15	6,60	500132
	Galvanized steel square mesh	Bolt and bar (not included)	254	998	34.2 x 32,2	5,20	500133
	Stainless steel square mesh	Bolt and bar (not included)	254	998	34.2 x 32,2	5,20	500134
	Ductile iron mesh	Bolt and bar (not included)	254	498	21.5 x 17,5	5,85	500154
C 250							
	Ductile iron 13 mm slot	Bolt and bar (not included)	254	498	180 x 13	7,20	500155

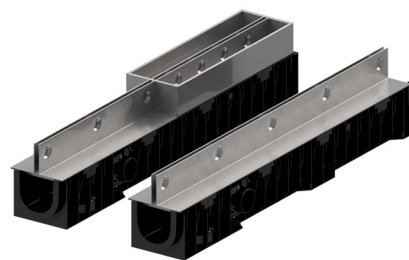
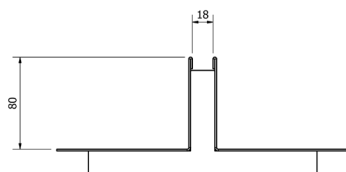
Mufledrain Easy 200 grating accessories


Image	Description	Material	Valid for	Article number
	Bolt and bar kit + M8x40 TBL combi screw	Galvanized steel	Mufledrain Easy 200 galvanized steel gratings	500418 ⁽¹⁾
		Stainless steel	Mufledrain Easy 200 stainless steel gratings	500419 ⁽¹⁾
	Bolt and bar kit + M8x40 black hex head screw	Galvanized steel	Mufledrain Easy 200 ductile iron gratings	500420 ⁽¹⁾

⁽¹⁾Valid for 1 meter of channel

Mufledrain Brickslot for Easy 200

- Brickslot in Galvanized steel
- "T" profile
- 18mm slot
- Load class C250



	Material	Dimensions			Slot	Class Load	Weight	Artic. Num.
		Lenght	Width	Height				
		[mm]	[mm]	[mm]	[mm]		[kg]	
	Galvanized steel	1000	245	80	18	C250	6,50	500210
	Stainless steel	1000	245	80	18	C250	6,50	500246
	Galvanized steel	500	245	80	18	C250	3,25	500368
	Stainless steel	500	245	80	18	C250	3,25	500369
 inspection element	Galvanized steel	500	245	80	18	C250	6,00	500223
	Stainless steel	500	245	80	18	C250	6,00	500235