

MATERIAL CHARACTERISTICS

FIBERGLASS COMPOSITE	glass-fibre-reinforced polyester, mineral fillers, additives
TENSILE STRENGTH	65 N/mm ² (ISO 527)
BENDING STRENGTH	120 N/mm ² (ISO 14125)
ELASTICITY MODULE	10,000 N/mm ² (ISO 14125)
DENSITY	2.0 g/cm ³ (ISO 1172)
COEFFICIENT OF LINEAR EXPANSION	1.5 - 2.0 x 10 ⁻⁵ 1/K
HEAT RESISTANCE	100°C continuous load, up to 240°C with a load duration up to 110 min.
FROST RESISTANCE	-35°C
WATER PENETRATION LEVEL	0 mm
WATER ABSORPTION	<0.1% (ISO R178)
MATERIAL STRUCTURE	Capillary free

PURPOSE OF USE

Component for the line drainage of surfaces in order to collect, transport and discharge rain water from adjacent fixed surfaces.

DESIGNS

- / Length 1000 mm
- / Length 500 mm
- / Length 500 mm as a change of flow direction

KANTENSCHUTZ

- / Glass-fibre-reinforced composite

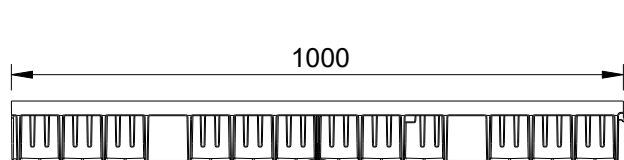
ACCESSORIES

- / Inlet box
- / End cap closed
- / End cap with drain socket Ø 160mm
- / End cap for the lateral connection with connection piece Ø 160 mm
- / Adapter for lateral channel connection (corner, T and cross connections)
- / Vertical drain socket Ø 160mm
- / Odour trap including dirt filter and dirt trap

* As of class D 400, not suitable for diagonal or lateral cross-travel in the area of express roads and motorways

MEARIN PLUS F 200 SHALLOW DRAINAGE CHANNEL**WITH A GLASS-FIBRE COMPOSITE EDGE AND SEALING JOINT ACCORDING TO EN 1433**

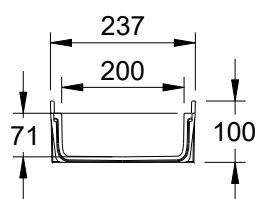
Drainage channel made of fiberglass composite material. Clear width 200 mm, constructive width 237 mm. For the realization of water level slopes. Loading class A 15 to D 400* according to EN 1433. Suitable for drainage channel covers MEARIN PLUS/EXPERT 200 with CLIPFIX quick-release fastener. Load capacity according to specification, when installed according to the MEA installation information. Channel drain cross section 139cm²



MEARIN PLUS F 200.0/100 channel

010140760

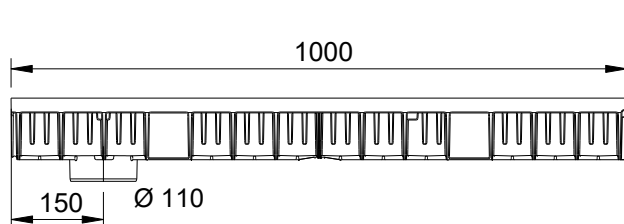
MEARIN PLUS F 200.0/100 channel



MEARIN PLUS F 200.1/100 channel

010140764

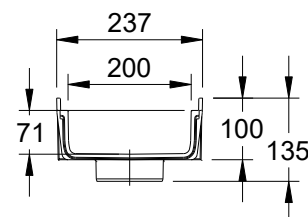
MEARIN PLUS F 200.1/100 channel



010140762

MEARIN PLUS F 200.0 A/100 channel

MEARIN PLUS F 200.0 A/100 channel with outlet Ø 110 mm



010140766

MEARIN PLUS F 200.1 RW/100 channel

MEARIN PLUS F 200.1 RW/100 channel

MEARIN PLUS F 200 SHALLOW DRAINAGE CHANNEL, LOADING CLASS A 15 TO D 400* ACCORDING TO DIN EN 1433

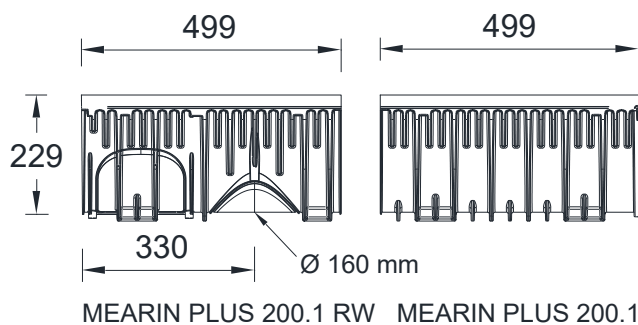
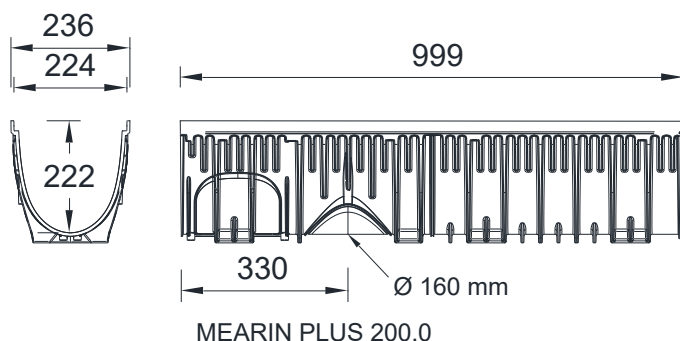
Description	Order No.	Length in mm	Constructive height in mm	kg per piece
MEARIN PLUS F 200.0/100 Rinne	010140760	1000	100	3,38
MEARIN PLUS F 200.0 A/100 Rinne mit Stützen Ø 110 mm ⁸⁾	010140762	1000	100	3,38
MEARIN PLUS F 200.1/100 Rinne	010140764	500	100	1,69
MEARIN PLUS F 200.1 RW/100 Rinne ¹⁵⁾	010140766	500	100	1,69

8) with sealed in outlet with Ø 110 mm

15) Utilization option as a flow direction change

MEARIN PLUS 200 DRAINAGE CHANNELS**WITH A GLASS-FIBRE COMPOSITE EDGE AND SEALING JOINT ACCORDING TO EN 1433**

Drainage channel made of fiberglass composite material. Clear width 200 mm, constructive width 236 mm. For the realization of water level slopes. Loading class A 15 to D 400* according to EN 1433. Suitable for drainage channel covers MEARIN PLUS/EXPERT 200 with STARFIX quick-release fastener. Load capacity according to specification, when installed according to the MEA installation information.

**DRAINAGE CHANNEL BODY MEARIN PLUS 200, LOADING CLASSES A 15 TO D 400***

Description	Order No. 010...	Length in mm	Constructive height in mm	kg per piece
MEARIN PLUS 200.0 ^{1) 2)} Channel	140034	1000	242	6,00
MEARIN PLUS 200.1 ²⁾ Channel	140036	500	242	3,35
MEARIN PLUS 200.1RW ^{1) 2) 3)} Channel	140038	500	242	3,35

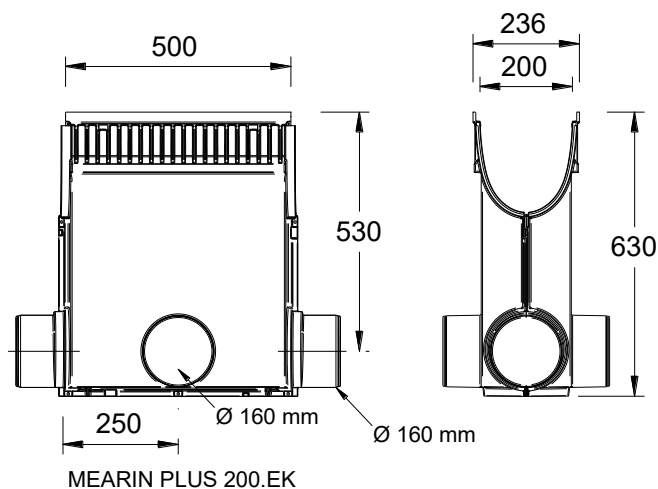
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- 1) Connection option for the vertical discharge Ø 160mm; End cap with side connecting piece, Ø 160mm. Channel laterally to corner, T and cross connections
- 2) Connection option for inlet box, connectors Ø 160 mm; End cap with connecting piece horizontal, Ø 160 mm
- 3) Utilization option as a flow direction change

MEARIN PLUS 200 / -PLUS F 200

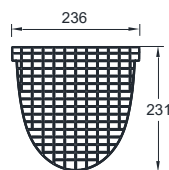
A 15, B 125, C 250, D 400*

nominal width 200

**BUILDING SUCCESS****INLET BOX FOR MEARIN PLUS 200, WITH SEDIMENT BUCKET**

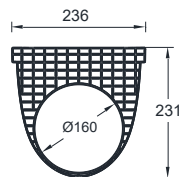
Description	Order No. 010...	Length in mm	Constructive height in mm	kg per piece
MEARIN PLUS 200.EK Inlet box, including sediment bucket	140040	500	630	7,60

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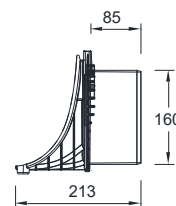
End cap closed

MEARIN PLUS/EXPERT
200.SE



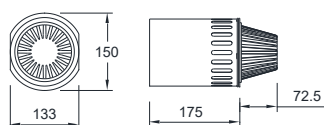
End cap with connection
piece

MEARIN PLUS/EXPERT
200.E

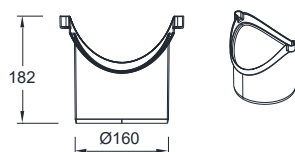


End cap laterally with
connection piece

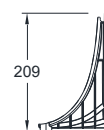
MEARIN PLUS/EXPERT
200 adapter for lateral
connection



Odour trap
MEARIN PLUS/EXPERT
200 odour seal



vertical drain socket
MEARIN PLUS/EXPERT
200 vertical outlet
connector



Adapter for the lateral
connection
MEARIN PLUS/EXPERT
200 adapter for lateral
connection

END CAPS AND CONNECTION ACCESSORIES FOR MEARIN PLUS 200

Description	Order No. 010....	Material	kg per piece
MEARIN PLUS/EXPERT 200 End cap closed for beginning and end of channel	140108	PP	0.18
MEARIN PLUS/EXPERT 200 End cap with connection piece Ø 160mm for channel end	140110	PP	0.19
MEARIN PLUS/EXPERT 200 End cap with connection piece Ø 160mm for the lateral connection to channel	140112	PP	0.24
MEARIN PLUS/EXPERT 200 adapter for the lateral channel connection to corner, t and cross connections	140114	PP	0.09
MEARIN PLUS/EXPERT 200 Vertical outlet connection Ø 160mm	140117	PP	0.14
MEARIN PLUS PLUS/EXPERT 200 Odour trap contains dirt filter and dirt trap	140546	PP/galvani zed steel	2.00