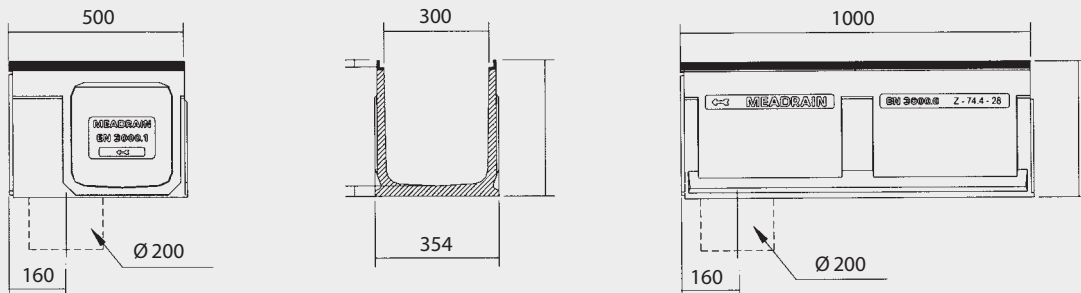


MEADRAIN Supreme System EN 3000



Technical Data



Material properties

Channel body

- ◆ Polymer concrete based on polyester resin
- ◆ Compression resistance: $> 90 \text{ N/mm}^2$
- ◆ Flexural strength: $> 22 \text{ N/mm}^2$
- ◆ Water absorption: less than 0.05%
- ◆ Density: 2.25 kg/dm^3
- ◆ Modulus of elasticity: $25 - 35 \text{ kN/mm}^2$
- ◆ Water penetration level: 0 mm
- ◆ Material structure: capillary free

Edge protection

- ◆ Cast iron: KTL-coated (cataphoretic painting)

Grating

- ◆ Ductile iron C-F as per Top 3000 Technical Data Sheet available with Hot Dip Galvanized Finish

Also available with Galvanized edge rails

Description and sizes

- ◆ Drainage channel made of polymer concrete with sealable channel groove
- ◆ Approval of DIBt (German institute of technical approvals)
- ◆ Integrated cast iron edge protection
- ◆ Connection facility for vertical discharge $\text{Ø} 200$ in 500 mm and 1000 mm channels
- ◆ Interlocking joint system for an exact fitting of the channels
- ◆ Suitable for installation of MEADRAIN Top 3000 grating covers with PROFIX boltless locking systems or standard locking mechanisms

- ◆ Fall type: without fall
- ◆ Loading classes: C250 - F 900 to EN 1433 (D 400 unsuitable for cross drainage of high speed roads and motorways)

- ◆ Total height: 390 mm and 490 mm (see table)
- ◆ Total width: 354 mm
- ◆ Length: 500 mm and 1000 mm

Every reasonable effort has been taken to ensure the accuracy of this document. However we cannot accept responsibility for inaccuracies resulting from undetected errors or omissions.

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Product overview Channel



Channel without fall

Channel element suitable for vertical discharge \varnothing 200 or to a siltbox

Product description	Length [mm]	Total height h1 [mm]	Total height h2 [mm]	Weight [kg]	Inlet sectional-area** [cm ²]	EDP Number 010...
EN 3000.0	1000	390	390	66.6	980.0	153571
EN 3000.1 ¹⁾	500	390	390	27.8	980.0	153573
EN 3000.1RWA ¹⁾²⁾	500	390	390	27.8	980.0	153575
EN 3020.0	1000	490	490	69.0	1280.0	153591
EN 3020.1 ¹⁾	500	490	490	37.0	1280.0	153593

¹⁾ Channel element suitable for corner and cross junction connection

²⁾ Channel element with HD-PE outlet connector \varnothing 200 with sealing ring and suitable for corner and cross junction connection

** Cross sectional area from the grating surface to the invert of the channel

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