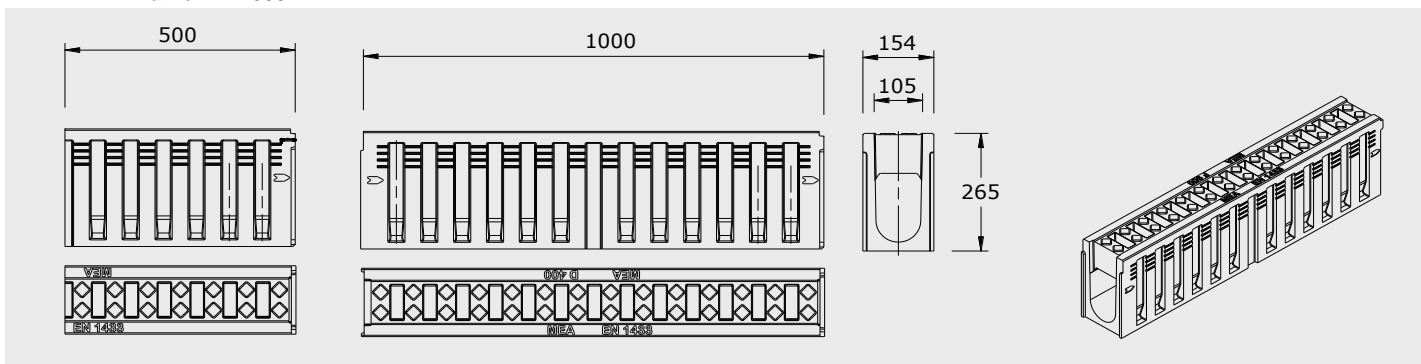


DM 1000 Polymer concrete channel

MEADRAIN Traffic DM 1000



Material properties

Monolithic channel body

- o Polymer concrete: based on polyester resin, with natural minerals
- o Compression resistance: $\geq 90 \text{ N/mm}^2$
- o Flexural tensile strength: $\geq 22 \text{ N/mm}^2$
- o Modules of elasticity: $25000 - 35000 \text{ N/mm}^2$
- o Density: $2,1 - 2,3 \text{ kg/dm}^3$
- o Linear expansion coefficient: approx. $1,45 \times 10^{-5} \text{ 1/K}$
- o Heat resistance: 100°C permanent exposure, short term exposure (5 min.) to 200°C
- o Frost resistance: -50°C
- o Water penetration level: 0 mm
- o Water absorption: $< 0,05\%$
- o Material structure: capillary free:

Inlet section area MEADRAIN DM 1000:

- o from above $360 \text{ cm}^2/\text{m}$
- o from sides DAL/DAR for single-layer drainasphalt $108 \text{ cm}^2/\text{m}$
- o from sides DAL/DAR for two-layer drainasphalt $154 \text{ cm}^2/\text{m}$

DM 1000 Polymer concrete channel

Monolithic construction with sealable channel groove to EN 1433

Clear width 100mm, total width 154mm. Without fall. Loading class A15, B125, C250, D400, E600, F900 to EN 1433.

Loading class as indicated when built-in in accordance to MEA installation instructions.

Loading class D400 also suitable for cross drainage of high speed roads and motorways.

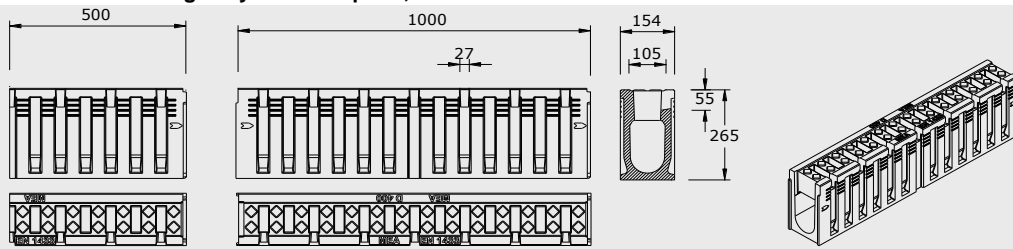
Channel bodys DM 1000 DAL and DM 1000 DAR with loading class D400, suitable for drainage of drainage asphalt.

DAL = side inlets in upstream direktion left. DAR = side inlets in upstream direction right.

Channel units DM 1010 without fall, loading class F900

material group	product description	length [mm]	total height [mm]	EDP-No. 010...	EAN-code 4001990...	kg/unit	units/pallet
MD	DM 1010.0	1000	265	712884	278352	47,00	21
MD	DM 1010.1	500	265	712886	278376	23,50	42

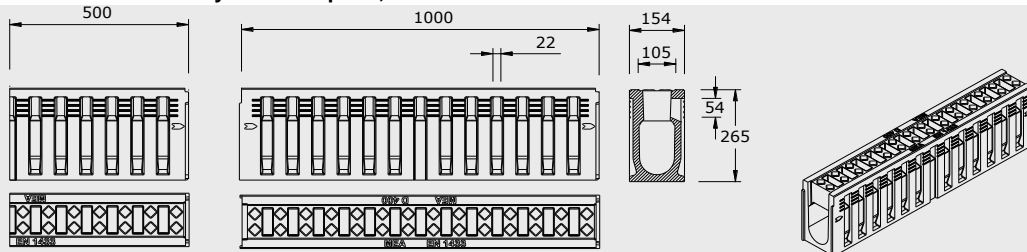
MEADRAIN Traffic DM 1010 DAL for single-layer drainasphalt, class D400



Channel units DM 1010 DAL/DAR for single-layer drainasphalt, without fall, class D400

material group	product description	length [mm]	total height [mm]	EDP-No. 010...	EAN-code 4001990...	kg/unit	units/pallet
MD	DM 1010.0 DAL I	1000	265	712889	278390	46,30	21
MD	DM 1010.1 DAL I	500	265	712891	278413	23,20	42
MD	DM 1010.0 DAR I	1000	265	712893	278437	46,30	21
MD	DM 1010.1 DAR I	500	265	712895	278451	23,20	42

MEADRAIN Traffic DM 1010 DAL for two-layer drainasphalt, class D400

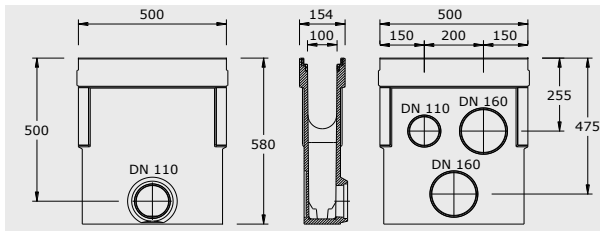


Channel units DM 1010 DAL/DAR for two-layer drainasphalt, without fall, class D400

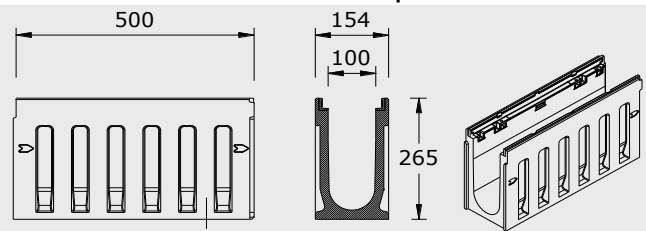
material group	product description	length [mm]	total height [mm]	EDP-No. 010...	EAN-code 4001990...	kg/unit	units/pallet
MD	DM 1010.0 DAL II	1000	265	712888	278383	45,60	21
MD	DM 1010.1 DAL II	500	265	712890	278406	22,80	42
MD	DM 1010.0 DAR II	1000	265	712892	278420	45,60	21
MD	DM 1010.1 DAR II	500	265	712894	278444	22,80	42

DM 1000 accessories

MEADRAIN Traffic DM 1010 silt box



MEADRAIN Traffic DM 1010 inspection element



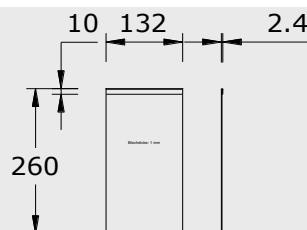
Silt box and inspection element

material group	product description	length [mm]	total height [mm]	EDP-No. 010...	EAN-code 4001990...	kg/unit	units/pallet
MD	MEADRAIN DM 1010.EK silt box	500	580	712898	278482	25,50	1
MD	MEADRAIN DM 1010.R inspection element	500	265	712896	278468	17,70	1

Covers for silt box and inspection element

material group	product description	material	length [mm]	EDP-No. 010...	EAN-Code 4001990...	Inlet sect. area \varnothing cm ² /m	kg/unit	units/pallet
MD	Ductile iron cover 12/100 class D400 with boltless PROFIX locking mechanism	Ductile iron	500	152521	046746	400	3,80	204
MD	Ductile iron cover 12/100 class D400 with 4-fold bolted locking mechanism	Ductile iron	500	152522	046920	368	3,65	200
MD	Ductile iron cover 12/100 class F900 with boltless PROFIX locking mechanism	Ductile iron	500	153095	029190	396	5,00	204
MD	Ductile iron cover 12/100 class F900 with 4-fold bolted locking mechanism	Ductile iron	500	153094	033487	368	4,85	144

MEADRAIN Traffic DM 1010 end cap



End cap

material group	product description	material	height [mm]	EDP-No. 010...	EAN-code 4001990...	kg/unit	units/pallet
MP	MEADRAIN DM 1010.SE end cap for channel start and end	galv. steel	260	712900	278475	0,30	1

MEA Water Management GmbH
 Sudetenstraße 1
 86551 Aichach
 Tel.: +49 (0) 82 51. 91 0
 Fax: +49 (0) 82 51. 91 13 00
 E-Mail: info.drainage@mea.de
 www.mea-group.com