

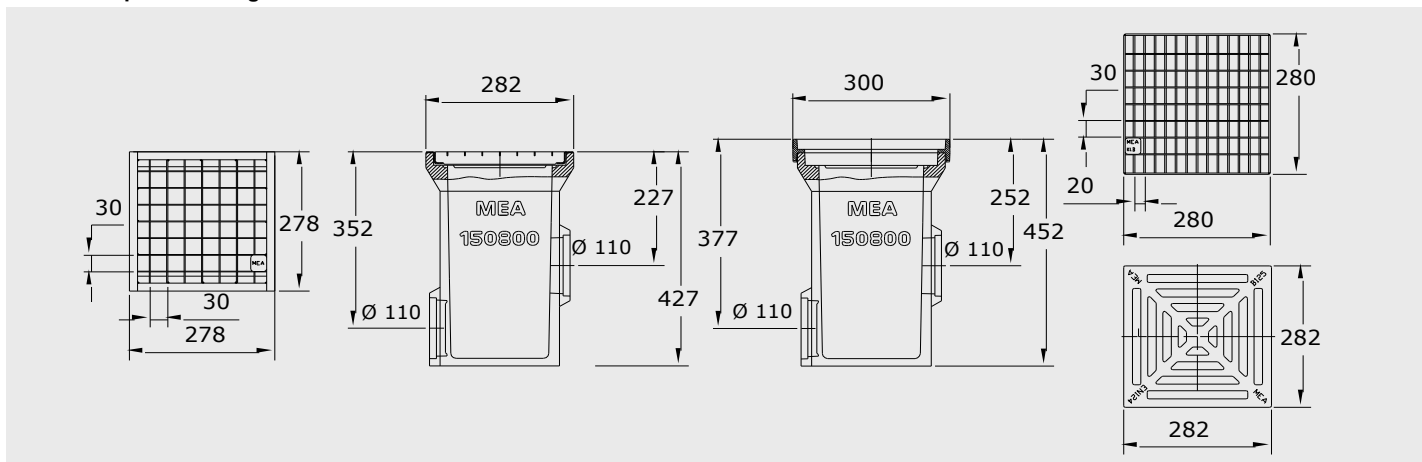
Technical Datasheet Drainage Systems

MEAGARD point drainage

A15 B125

MEAGARD polymer concrete point drainage

MEAGARD point drainage



Material properties

Channel unit

- 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

Edge protection

- o ductile iron
- o galvanized steel

Covers

- o ductile iron
- o galvanized steel

Drain performance (test: TU-Munich)

- o Upper connection with bucket and roadable foul air trap: 4,5 l/s
- o Upper connection with bucket, without roadable foul air trap: 6,0 l/s
- o Upper connection without bucket and roadable foul air trap: 7,7 l/s
- o Bottom connection with bucket, without roadable foul air trap: 6,0 l/s
- o Bottom connection without bucket and roadable foul air trap: 14,5 l/s

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MEAGARD polymer concrete point drainage

Polymer concrete point drainage including sediment bucket, roadable foul air trap and connection facility Ø 110mm.

With ductile iron cover (class B125), mesh cover 20/30 (class B125) or overlay mesh cover 30/30 (passable for cars*)

Ductile iron and mesh cover 20/30 loading class A15 - B125 to DIN EN 124 including ductile iron frame.

Complete point drainage with ductile iron cover, class B125

material group	product description	length [mm]	width [mm]	total height [mm]	EDP-No. 010...	EAN-Code 4001990...	kg/unit	units/pallet
MD	MEAGARD point drainage with ductile iron cover B125	300	300	452	150850	034507	32,40	16

Complete point drainage with mesh cover 20/30, galvanized steel, class B125

material group	product description	length [mm]	width [mm]	total height [mm]	EDP-No. 010...	EAN-Code 4001990...	kg/unit	units/pallet
MD	MEAGARD point drainage with galvanized steel mesh cover 20/30 class B125	300	300	452	150855	034514	30,40	16

Complete point drainage with mesh cover 30/30, galvanized steel, passable for cars*

material group	product description	length [mm]	width [mm]	total height [mm]	EDP-No. 010...	EAN-Code 4001990...	kg/unit	units/pallet
MD	MEAGARD point drainage with galvanized steel overlay mesh cover 30/30, passable for cars*	282	282	427	150860	034521	23,10	16

* Channel cover class A15 to DIN EN 124

MEAGARD point drainage accessories

Riser frame made of polymer concrete with preformed knockouts for outlet connectors Ø 110mm on two sides

material group	product description	length [mm]	width [mm]	total height [mm]	EDP-No. 010...	EAN-Code 4001990...	kg/unit	units/pallet
MD	MEAGARD point drainage riser frame* to increase total height	282	282	250	150805	034545	11,30	24

* With preformed knockouts for connection facility Ø 110mm on two sides.

Extension unit made of polymer concrete

material group	product description	length [mm]	width [mm]	total height [mm]	EDP-No. 010...	EAN-Code 4001990...	kg/unit	units/pallet
MD	Extension unit to adjust the total height	282	282	60	150810	034552	3,20	96

NBR-sealing ring for point drainage

material group	product description	material	EDP-No. 010...	EAN-Code 4001990...	kg/unit	units/pallet
MD	NBR-sealing ring Ø 110mm made of highly resistant synthetic rubber for water-tight connection from lower gully (not included in point drainage)	NBR	153883	046562	0,18	1

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A15 B125

MEAGARD accessories for agglutinating of end caps and gullies

MEA bonding compound MIS-V 165 SF (styrol free) + 2 mixing nozzles

material group	product description	material	EDP-No. 010...	EAN-Code 4001990...	kg/unit	units/pallet
MD	MIS-V 165 SF volume 165ml	Polyester resin 2-component	504205	500002	0,35	10

Sealing material*

For sealing of point drainage with sealable rebate.

material group	product description	material	EDP-No. 010...	EAN-Code 4001990...	kg/unit	units/pallet
MD	SABA Cleaner 22 for cleaning surfaces, 1 liter	solvent	152701	227824	1,00	12
MD	SABA Primer 9102 for preparing surface for sealant, 1 liter	Silan-based	155803	046777	0,90	12
MD	SABA Ecosseal Bio HM*, 600ml component	MS-Polymer	152705	227800	0,80	15

* Only for channels which drain rain water.

Not appropriate for e.g. fuel stations or other areas where channels are exposed to chemicals.

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