

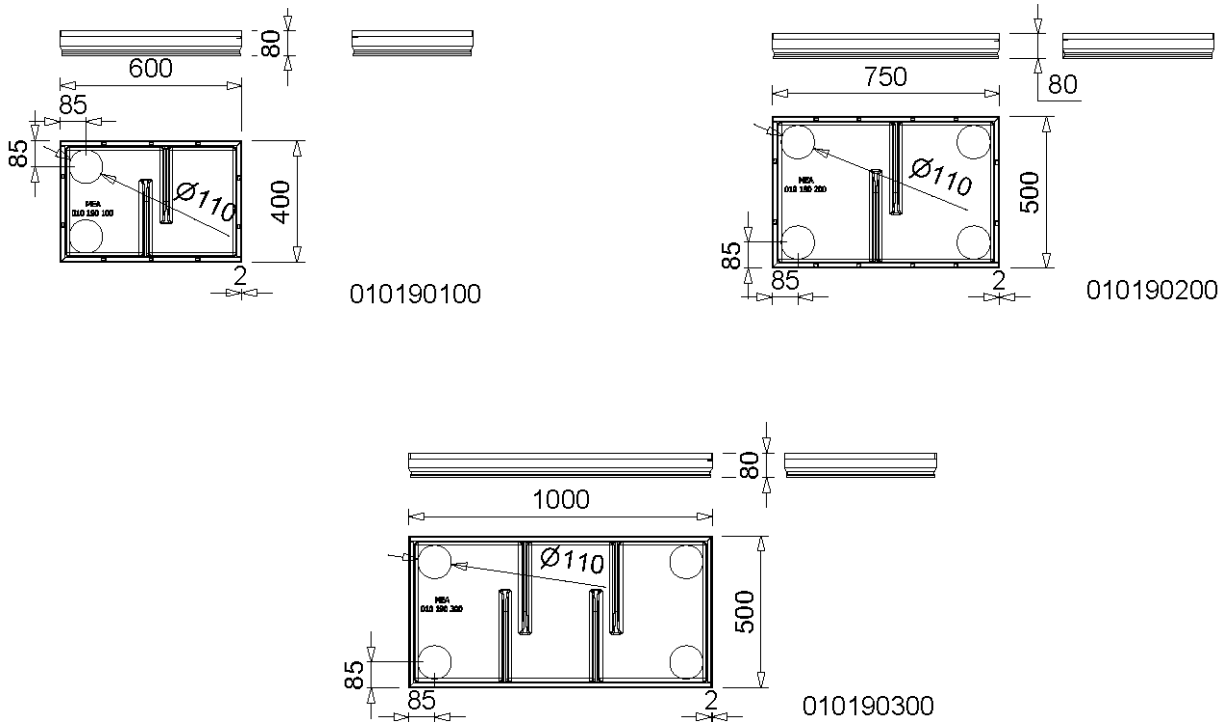
**MATERIAL PROPERTIES**

<b>TRAY UNIT</b>	
<b>POLYMER CONCRETE</b>	based on polyester resin, with natural minerals
<b>COMPRESSION RESISTANCE</b>	≥ 90 N/mm <sup>2</sup>
<b>FLEXURAL TENSILE STRENGTH</b>	≥ 22 N/mm <sup>2</sup>
<b>MODULES OF ELASTICITY</b>	25.000 – 35.000 N/mm <sup>2</sup>
<b>DENSITY</b>	2,1 – 2,3 kg/dm <sup>3</sup>
<b>LINEAR EXPANSION COEFFICIENT</b>	Ca. 1,45 x 10 <sup>-5</sup> 1/K
<b>HEAT RESISTANCE</b>	100°C permanent exposure, short-term exposure (5 min.) to 200 C
<b>FROST RESISTANCE</b>	- 50°C
<b>WATER PENETRATION LEVEL</b>	0 mm
<b>WATER ABSORPTION</b>	< 0,05% DIN 52 103 (A)
<b>MATERIAL STRUCTURE</b>	capillary free
<b>EDGE PROTECTION</b>	Galvanized steel
<b>CHANNEL COVER</b>	Ductile iron GGG

## MEAGARD DOORMAT TRAYS MADE OF POLYMER CONCRETE SUITABLE FOR VARIOUS COVERS

Doormat trays made of polymer concrete with integrated galvanised steel frame, support ribs and critical discharge  $\varnothing$  110 mm. For various, changeable conditions.

The doormat trays have two connection facilities for vertical outlets  $\varnothing$  110 mm.



## DOORMAT TRAYS MADE OF POLYMER CONCRETE

Description	Ord. No.	Width [mm]	Length [mm]	kg/unit
MEAGARD Doormat tray 600 x 400 without cover	010190100	400	600	12,45
MEAGARD Doormat tray 750 x 500 without cover	010190200	500	750	20,44
MEAGARD Doormat tray 1000 x 500 without cover	010190300	500	1000	25,90

## MEAGARD DOORMAT TRAYS COVERS AND ACCESSORIES

### COVERS FOR DOORMATS TRAYS MADE OF POLYMERE CONCRETE

Description	Ord. No.	Width [mm]	Length [mm]	Height [mm]	kg/unit
MEAGARD FuKa Expanded metal 600 x 400 mm 19)	010190310	400	600	20	3,03
MEAGARD FuKa Expanded metal 750 x 500 mm 19)	010190320	500	750	20	5,06
MEAGARD FuKa Expanded metal 1000 x 500 mm 19)	010190330	500	1000	20	6,53
MEAGARD FuKa Mesh grating 30/10 600 x 400 mm 19)	010190340	400	600	20	4,38
MEAGARD FuKa Mesh grating 30/10 750 x 500 mm 19)	010190350	500	750	20	7,45
MEAGARD FuKa Mesh grating 30/10 1000 x 500 mm 19)	010190360	500	1000	20	8,62
MEAGARD FuKa Light grey ribbed mat 600 x 400 mm 19)	010190431	400	600	20	2,24
MEAGARD FuKa Light grey ribbed mat 750 x 500 mm 19)	010190433	500	750	20	5,16
MEAGARD FuKa Light grey ribbed mat 1000 x 500 mm 19)	010190435	500	1000	20	4,55
MEAGARD FuKa Black rubber profile mat 600 x 400 mm 19) 23)	010190421	400	600	20	3,02
MEAGARD FuKa Black rubber profile mat 750 x 500 mm 19) 23)	010190423	500	750	20	5,37
MEAGARD FuKa Black rubber profile mat 1000 x 500 mm 19) 23)	010190425	500	1000	20	6,54

### ACCESSORIES

Description	Ord. No.	Material	kg/unit
MEADRAIN/MEAGARD/MEALINE Drainage set with Ø 110 mm connector, Sediment bucket and odour seal	010150730	PP	0,20

19) Effective outer dimension of the extension = nominal dimension - 8 mm

23) Please be aware that the rubber mat can lead to staining since it is a natural product. For light colored ground surface within the building we recommend using the velour coco mats.

This edition of the technical data sheet is valid from July 2023 until the publication of a revised version and replaces earlier publications.  
The current version is available for download at [www.mea-group.com](http://www.mea-group.com).

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