

MEA[®] PRODUCT CATALOGUE



POLYMER CONCRETE DRAINAGE SOLUTIONS

MEA Group GmbH

SUCCESS IN BUILDING, BUILDING SUCCESS

- Founded in Bavaria, Germany, in 1886
- Over 130 years of experience
- Global supplier of drainage systems
- Production bases in: Germany, France, Czech Republic, China

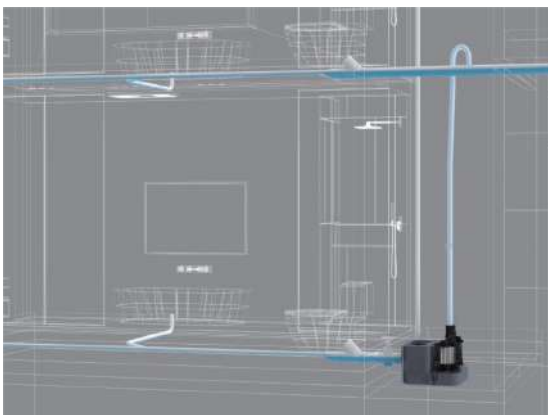
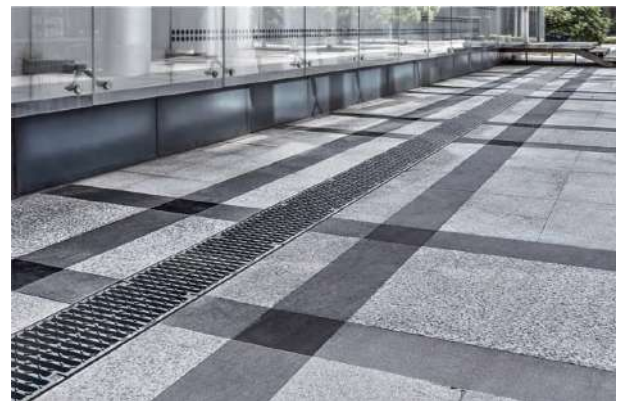




- Adhere to German quality, 18 years experience in Chinese market
- Businesses cover Asia-Pacific, Australia, North America
- Provide the best drainage system solutions and products to customers



- Linear drainage system
- Stainless steel drainage system
- Grease separators
- Sewage lifting system



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MEA®DRAIN SHALLOW-MULTI-CHANNEL
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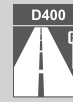
MEA®DRAIN DIY POLYMER CONCRETE DRAINAGE SYSTEM



MEA®DRAIN POLYMER CONCRETE SUMP

PRODUCTS OVERVIEW AND LOADING CLASS

MEA®TOPSLOP POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
TS 1000 series	100	Polymer Concrete	●	●	●	●*			11
TL 1000 series	100	Polymer Concrete	●	●	●	●*			11
TS 1500 series	150	Polymer Concrete	●	●	●	●*			16
TSB 1500 series	150	Polymer Concrete	●	●	●	●*			16
TL 1500 series	150	Polymer Concrete	●	●	●	●*			16
AC 1500(TL) series	150	Polymer Concrete	●	●	●	●*			16
TS 2000 series	200	Polymer Concrete	●	●	●	●*			21
TSB 2000 series	200	Polymer Concrete	●	●	●	●*			21
TL 2000 series	200	Polymer Concrete	●	●	●	●*			21
AC 2000(TL) series	200	Polymer Concrete	●	●	●	●*			21
LZ 2000(TL) series	200	Polymer Concrete	●	●	●	●*			21
TS 3000 series	300	Polymer Concrete	●	●	●	●*			26
AC 3000(TL) series	300	Polymer Concrete	●	●	●	●*			26
LZ 3000(TL) series	300	Polymer Concrete	●	●	●	●*			26

MEA®TOPSLOP POLYMER CONCRETE DRAINAGE SYSTEM (WITH FALL)

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
TL 1000 with fall series	100	Polymer Concrete	●	●	●	●*			30
TL 1000 EK	100	Polymer Concrete	●	●	●	●*			33

MEA®DRAIN HEAVY LOAD POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
EN1000 series	100	Ductile iron	●	●	●	●*	●*	●*	39
EN1500 series	150	Ductile iron	●	●	●	●*	●*	●*	42
EN2000 series	200	Ductile iron	●	●	●	●*	●*	●*	44
ENB2000 series	200	Ductile iron	●	●	●	●*			44
EN3000 series	300	Ductile iron	●	●	●	●*	●*	●*	47
ENS4000	400	Ductile iron	●	●	●	●*	●*	●*	50
ENS5000	500	Ductile iron	●	●	●	●*	●*	●*	51

MEA®DRAIN CITY POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
S 1000 series	100	304 Stainless steel	●	●	●	●*			55
S 1500 series	150	304 Stainless steel	●	●	●	●*			58
S 2000 series	200	304 Stainless steel	●	●	●	●*			60
Z 1000 series	100	Galvanised steel	●	●	●	●*			62
Z 1500 series	150	Galvanised steel	●	●	●	●*			65
Z 2000 series	200	Galvanised steel	●	●	●	●*			67

MEA®DRAIN CITY POLYMER CONCRETE DRAINAGE SYSTEM (WITH FALL)

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
Z/S 1000 with fall series	100	Galvanised/stainless steel	●	●	●	●*			69
Z/S 1000.EK	100	Galvanised/stainless steel	●	●	●	●*			72

MEA®DRAIN SHALLOW POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
LS 1000 series	100	304 Stainless steel	●	●	●	●*			77
LS 2000 series	200	304 Stainless steel	●	●	●	●*			79
LS 3000 series	300	304 Stainless steel	●	●	●	●*			81
LZ 1000 series	100	Galvanised steel	●	●	●	●*			82
LZ 2000 series	200	Galvanised steel	●	●	●	●*			84
LZ 3000 series	300	Galvanised steel	●	●	●	●*			86
LD 2000 series	200	Ductile iron	●	●	●	●*			87
LD 3000 series	300	Ductile iron	●	●	●	●*			90
ENF 2000 series	200	Ductile iron	●	●	●	●*			92

MEA®DRAIN PARKING POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
PG 1500 series	150	Polymer Concrete	●	●	●				97
PG 3000 series	300	Polymer Concrete	●	●	●				99

MEA®TRAFFIC D/DM POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
D1000 E600 series	100	Polymer Concrete	●	●	●	●	●		103
D2000 E600 series	200	Polymer Concrete	●	●	●	●	●		106
D2000 F900 series	200	Polymer Concrete	●	●	●	●	●	●	106
DM1000 series	100	Polymer Concrete	●	●	●	●	●		109
DM1500 series	150	Polymer Concrete	●	●	●	●	●		111
DLM2000 series	200	Polymer Concrete	●	●	●	●			113
DM2010 (L)	200	Polymer Concrete	●	●	●	●			114
DM2000 series	200	Polymer Concrete	●	●	●	●	●		114
DSM2000 series	200	Polymer Concrete	●	●	●	●	●	●	114

MEA®KERB POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
MEAKERB1000 series	100	Polymer Concrete	●	●					119
MEAKERB1000-200TH series	100	Polymer Concrete	●	●					120
MEAKERB1000-300TH series	100	Polymer Concrete	●	●					121
MEAKERB 320	102	Polymer Concrete	●	●	●	●*			122
MEAKERB 335	100	Polymer Concrete	●	●	●	●*			122
MEAKERB 1040	110	Polymer Concrete	●	●	●				123
MEAKERB2000-150TH series	200	Polymer Concrete	●	●					124

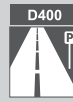
MEA®DRAIN ACCESS POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
AC 1500(G) series	150	Galvanised steel	●	●	●	●*			127
AC 1500(S) series	150	304 Stainless steel	●	●	●	●*			127
AC 1500(D) series	150	Ductile iron	●	●	●	●*			127
AC 2000(G) series	200	Galvanised steel	●	●	●	●*			130
AC 2000(S) series	200	304 Stainless steel	●	●	●	●*			130
AC 2000(D) series	200	Ductile iron	●	●	●	●*			130
AC 3000(G) series	300	Galvanised steel	●	●	●	●*			133
AC 3000(S) series	300	304 Stainless steel	●	●	●	●*			133
AC 3000(D) series	300	Ductile iron	●	●	●	●*			133

MEA®DRAIN SV/SE/SG POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
SV 1000	100	Galvanised steel	●	●	●	●*	●*		139
SE 1000	100	304 Stainless steel	●	●	●	●*	●*		139
SG 1000	100	Ductile iron	●	●	●	●*	●*		139
SV 1500	150	Galvanised steel	●	●	●	●*	●*		142
SE 1500	150	304 Stainless steel	●	●	●	●*	●*		142
SG 1500	150	Ductile iron	●	●	●	●*	●*		142

MEA®DRAIN V300 POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
V 300	300	Ductile iron	●	●	●	●*			147

MEA®DRAIN SHALLOW-MULTI-CHANNEL POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
OW 460.0	120*3	Polymer Concrete	●	●	●				151

MEA®DRAIN DIY POLYMER CONCRETE DRAINAGE SYSTEM

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
MEALINE	100	Polymer Concrete	●	●					155
MEAGARD II	100	Polymer Concrete	●	●					157
MEAGARD 165	140	Polymer Concrete	●						158
MEAGARD 200	150	Polymer Concrete	●	●	●				159

MEA®DRAIN POLYMER CONCRETE SUMP

Model	Clear width (mm)	Edge protection	A15 	B125 	C250 	D400 	E600 	F900 	Page
P	/	Polymer Concrete	●	●	●				163
R	/	Polymer Concrete	●	●	●				163
P+R	/	Polymer Concrete	●	●	●				164

*From loading class D400, the model not suitable for the diagonal or transverse travel of motorways and highways.

MEA LOCKING MECHANISMS

PROFIX



- > The PROFIX quick-release fastener offers a simple and economical installation for the channels and enables quick and easy maintenance and cleaning of the channels.
- > Grating with PROFIX quick anchoring system with longitudinal shift lock.
- > Using special stainless steel materials, it has the characteristics of rust prevention, fracture resistance, deformation resistance, high elasticity, etc. It is durable and can operate stably for a long time even under extreme conditions.

CLIPFIX



- > The special feature of this system are the chambers in the channel edges. Thanks to the CLIPFIX system, the grating snaps into these chambers and is reliably locked in place.
- > To remove, simply lift the grating using a lever.
- > The buckles made of 65Mn material, which combines high strength, hardness and elasticity. It has been treated with KTL anti rust coating, making it sturdy, durable, and long service life.

4 Bolts

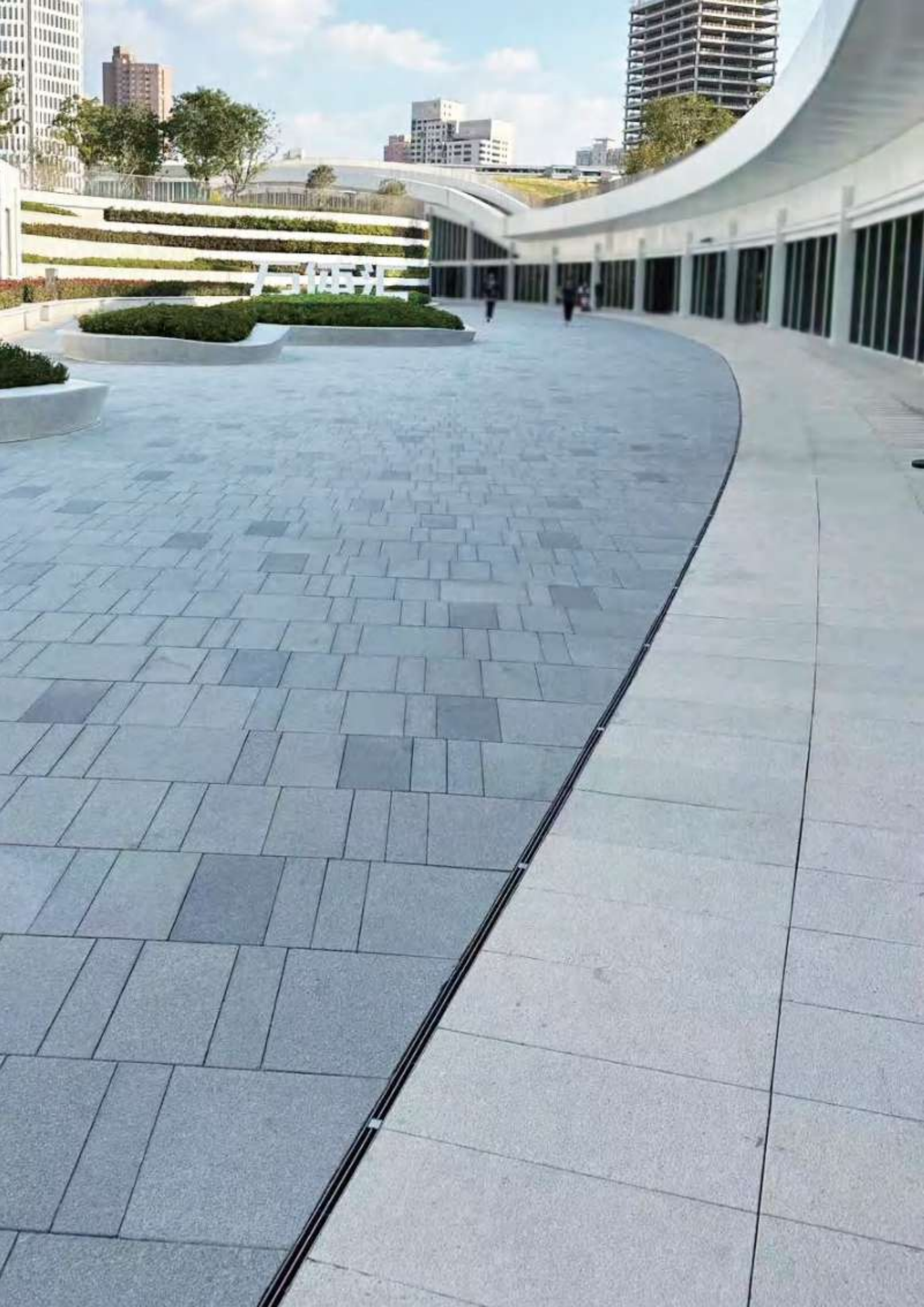


- > The 4-bolts connection provides maximum security for the channels and therefore also enables protection against vandalism.
- > For even more safety in the upper loading classes, many of our gratings can be bolted into the drainage channel body. It is perfectly suited for heavily used, densely trafficked areas.
- > It made of stainless steel bolts with high strength, rust and corrosion resistance, treated with KTL anti rust coating for durability.

Centre Locking



- > It made of stainless steel material, has both high strength and toughness, ensuring the system long-term stable operation.
- > With strong adaptability, can customized according to the channel body, with a good matching to almost all drainage channels, with a wide range of applications.



MEA®TOPSLOP POLYMER CONCRETE DRAINAGE SYSTEM

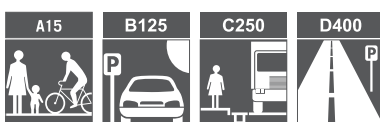
The MEA Topslop system has been designed for loading classes from A 15 to D 400. The MEA Topslop system can be delivered in very cost effective custom heights for specific projects.

The Topslop system is available in stainless steel or galvanised steel, guarantees maximum functional reliability and best possible resistance to corrosion, making it a unique and longlasting design solution for drainage purposes.



Product characteristics

- > Loading class from A 15 to D400
- > Customizable top slot height and width
- > Level, step fall or linear fall channel body, U-shaped drainage section
- > Channel bodies with sealable groove according to EN1433

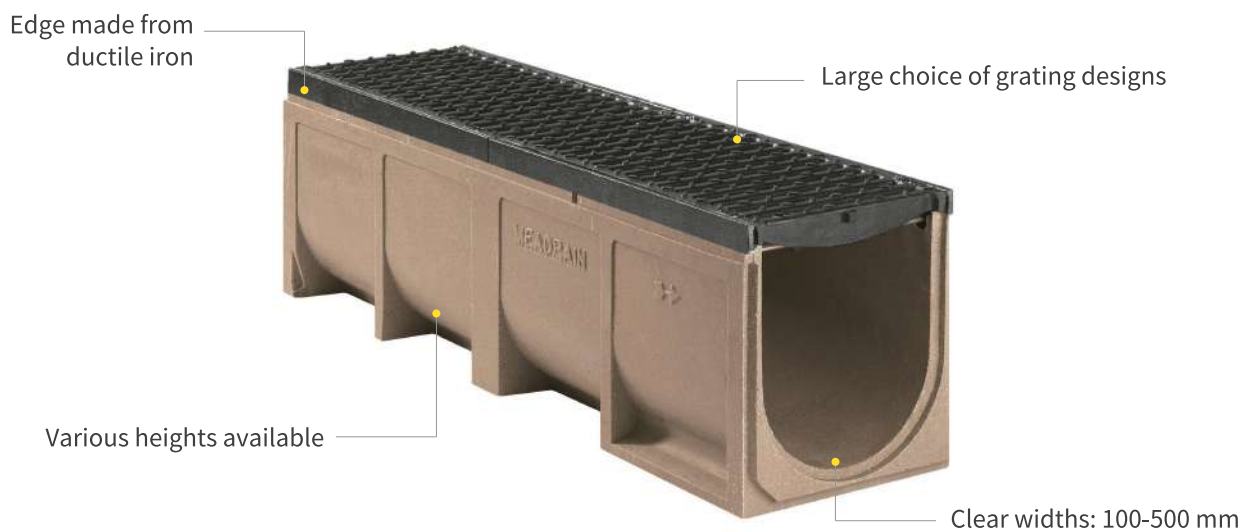




MEA® HEAVY LOAD POLYMER CONCRETE DRAINAGE SYSTEM

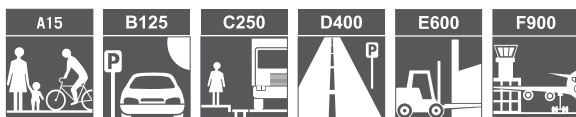
The MEADRAIN HEAVY LOAD drainage systems are optimally designed for heavy-duty areas in which high wheel loads act on the channels. With force-fit ductile iron edges, these also meet the toughest requirements.

The extensive range of products in nominal widths up to 500 mm with different heights offers the perfect solution even for the most demanding requirements.



Product characteristics

- > Loading class from A 15 to F900
- > Edge made from ductile iron
- > Large choice of grating designs, fast locking and unlocking
- > Level channel body, U-shaped drainage section
- > Channel bodies with sealable groove according to EN1433

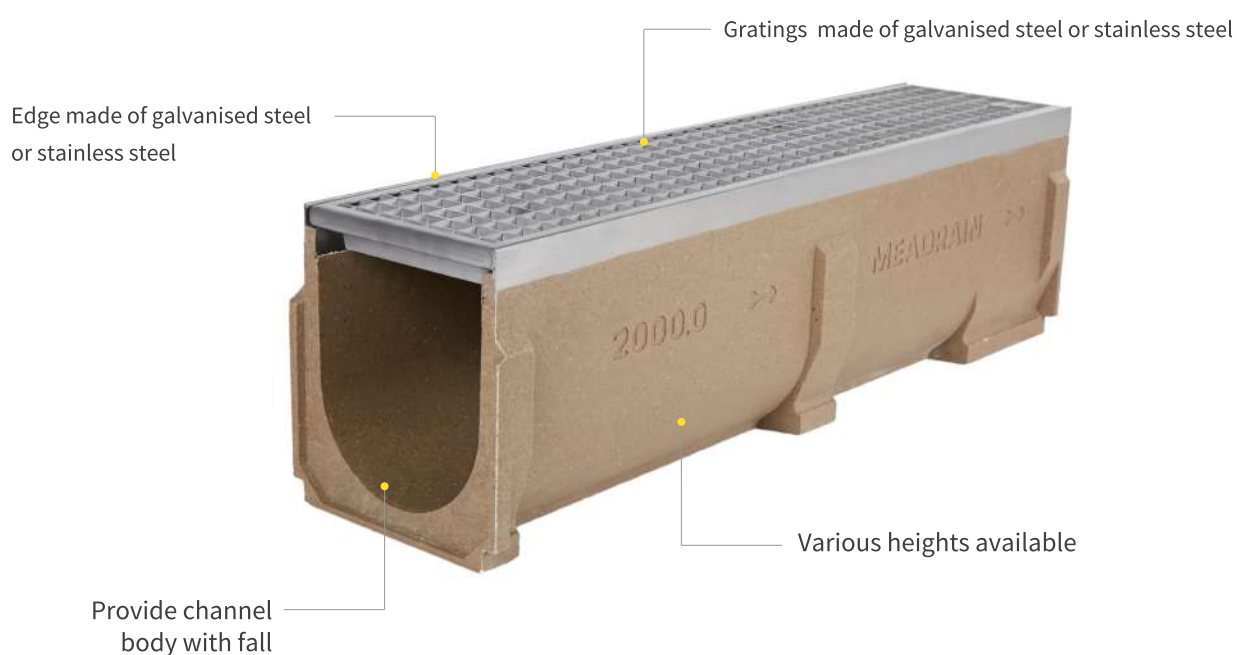




MEA®DRAIN CITY POLYMER CONCRETE DRAINAGE SYSTEM

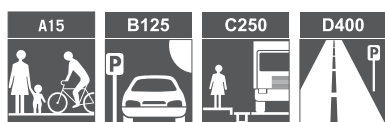
The MEADRAIN CITY drainage systems are available with edges made of galvanised and stainless steel, and there are completed with a large choice of gratings in different

designs, providing a solution for every type of project. The drainage channel body for linear fall (0.5%), stepped fall with transition piece and without fall.



Product characteristics

- > Loading class from A 15 to D400
- > Edge made of galvanised steel or stainless steel
- > Gratings made of galvanised steel or stainless steel
- > Provide channel body with fall
- > Channel bodies with sealable groove according to EN1433





MEA®DRAIN SHALLOW CHANNEL DRAINAGE SYSTEM

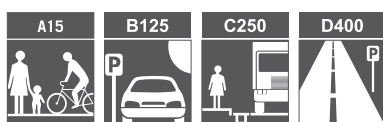
The MEADRAIN SHALLOW CHANNEL drainage systems are available with edges made of galvanised steel, stainless steel or ductile iron, and there are completed with a large

choice of gratings in different designs. The minimum height of the channel is only 60mm, providing the solution for project with limited installation height.



Product characteristics

- > Loading class from A 15 to D400
- > Edge protection made of galvanised steel, stainless steel or ductile iron
- > Channel covers made of galvanised steel, stainless steel or ductile iron
- > Channel covers with Centre locking, Clipfix, Profix, 4 bolts
- > Height: 60-160mm, available for project with limited installation height
- > Level channel body, U-shaped drainage section
- > Channel bodies with sealable groove according to EN1433

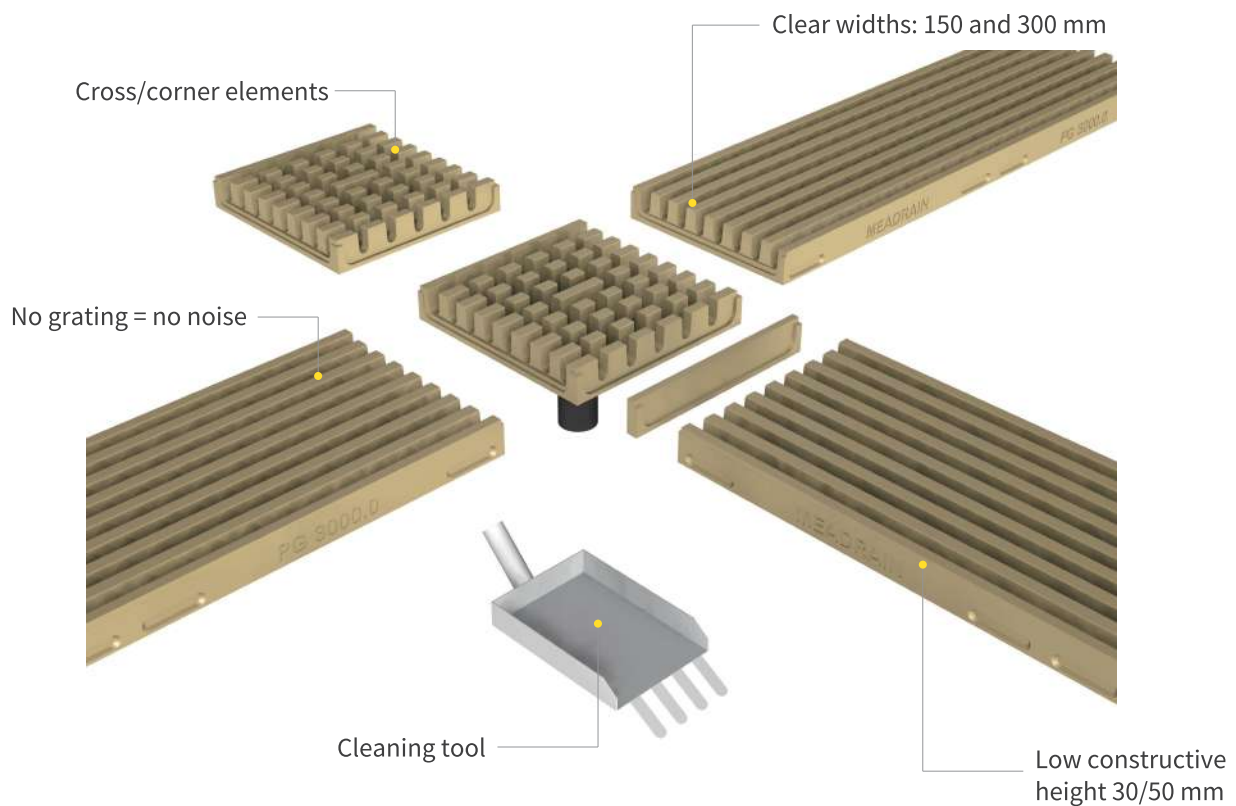




MEA®DRAIN PARKING POLYMER CONCRETE DRAINAGE SYSTEM

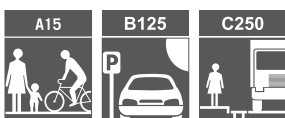
An important but often neglected aspect in the planning of multi-storey car parks and underground garages is the issue of drainage. The specially developed PG multistorey car park channel is ideally suited for this purpose due to

its flat construction height. The installation works without any major interventions in the floor or ceiling construction. In practice, the MEADRAIN PG also impresses with its quick and easy cleaning without removing a cover.



Product characteristics

- > Loading class from A 15 to C 250
- > Without gratings or moveable parts
- > 30 and 50 mm constructive height
- > Shallow channel with comb profile
- > Easily be cleaned with the corresponding cleaning shovel
- > Smooth surface

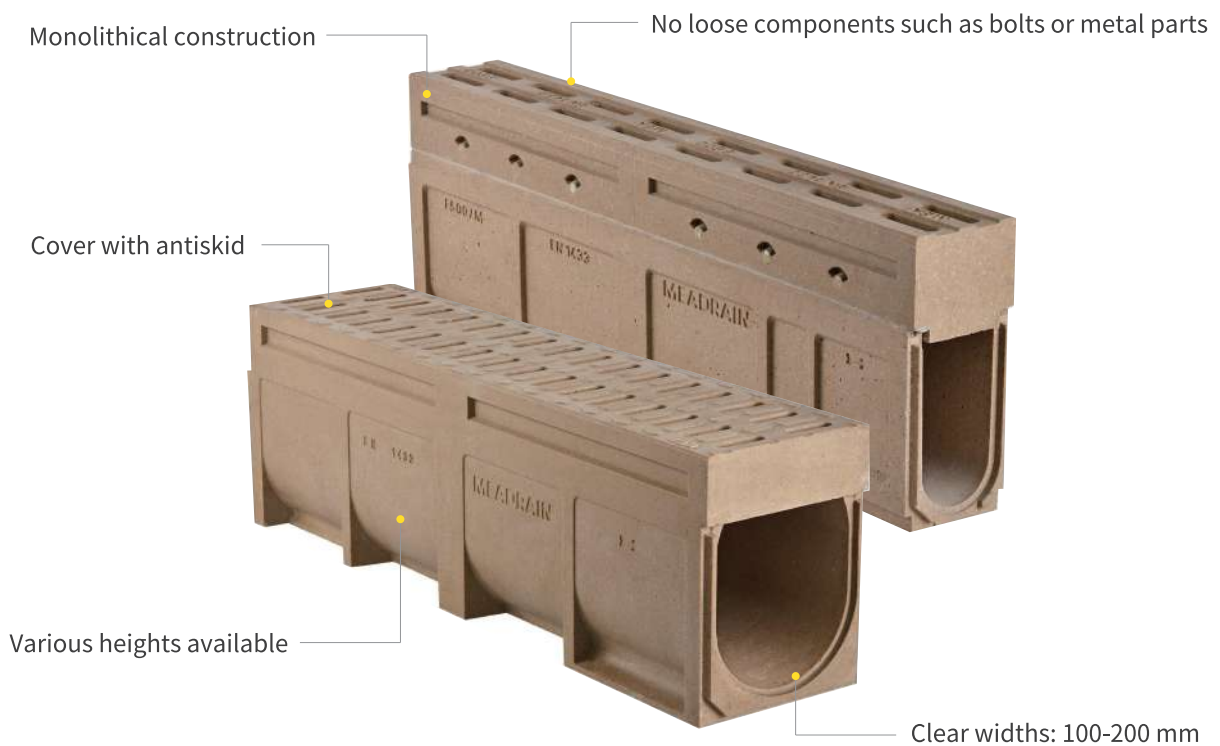




MEA®TRAFFIC D/DM POLYMER CONCRETE DRAINAGE SYSTEM

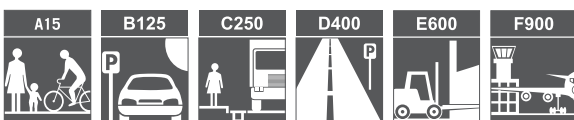
The monolithic MEADRAIN D / DM drainage channels made of polymer concrete are the perfect solution for applications where moving individual components could pose a potential risk (e.g. racetracks, motorways).

The MEADRAIN D / DM channels have no movable part and have a monolithic sturdy design. Easy to install and to maintain the MEADRAIN DM channels are also vandalism proof.



Product characteristics

- > Loading class from A 15 to F900
- > Monolithic construction for maximal stability
- > 100% traffic safe: no loose components such as bolts or metal parts
- > Level channel body, U-shaped drainage section
- > Channel bodies with sealable groove according to EN1433



THE WAY
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BUILDING
SUCCESS



MEA 1997

MEAS is the leading provider of Middle East and North Africa (MENA) region's most comprehensive and up-to-date information on the region's business and economic environment. MEAS provides a comprehensive overview of the region's business and economic environment, including a detailed analysis of the region's business and economic environment.

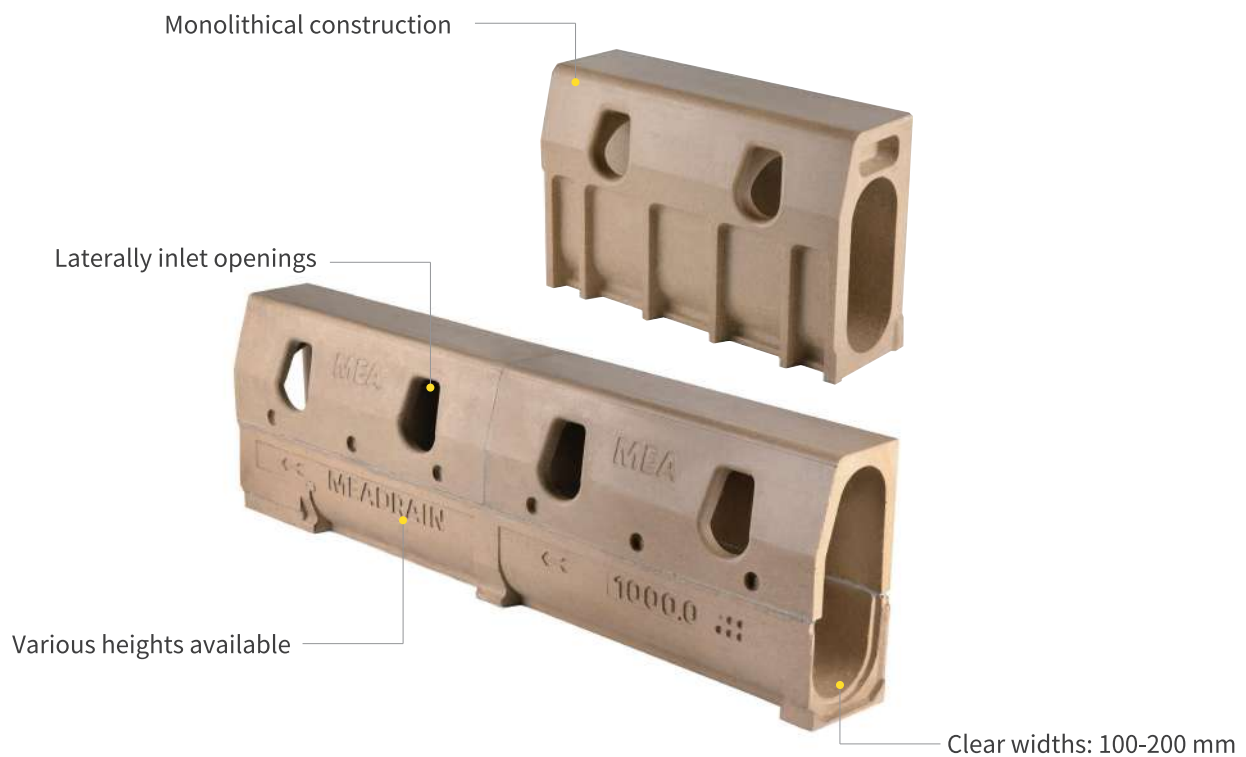
MEAS is the leading provider of Middle East and North Africa (MENA) region's most comprehensive and up-to-date information on the region's business and economic environment.



MEA®KERB POLYMER CONCRETE DRAINAGE SYSTEM

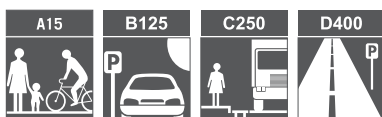
As a combination of drainage channel and kerbstone MEAKERB meets both requirements with flying colors. Thanks to side inlets with water drainage system the accruing rain water is quickly and efficiently drained off.

Due to its elegant form in the upper area, the system also serves as a kerbstone edge and is perfectly suited for the different height requirements of bus stops.



Product characteristics

- > Loading class from A 15 to D400
- > Monolithical construction for maximal stability
- > Channel-kerbstone combination
- > Laterally inlet openings
- > Channel bodies with sealable groove according to EN1433

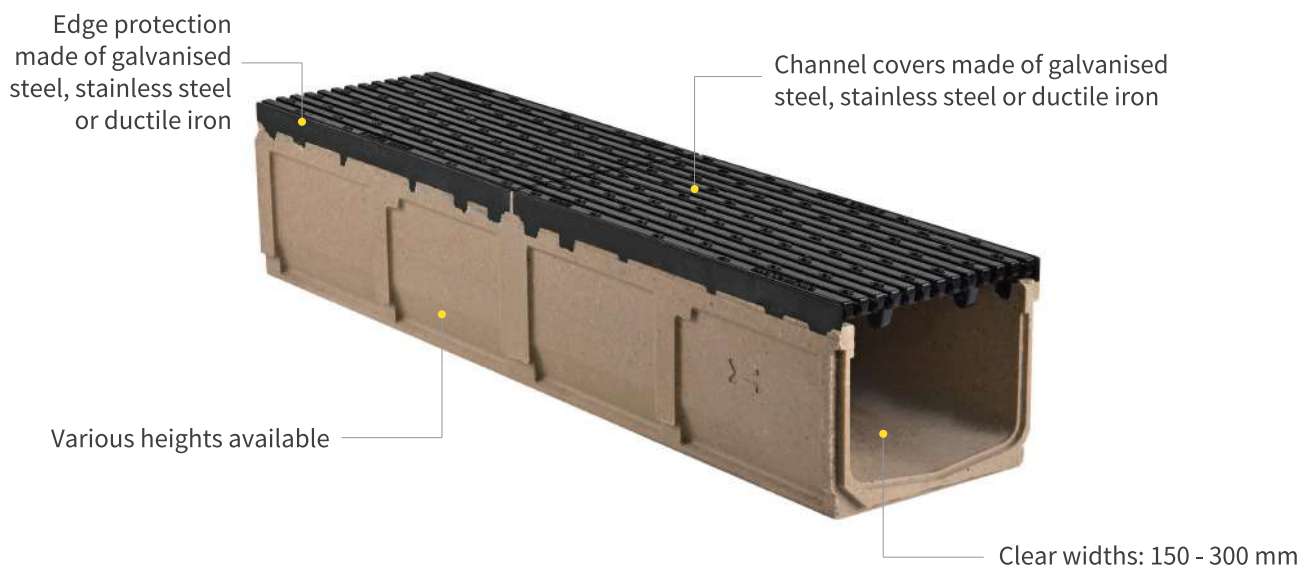




MEA®DRAIN ACCESS POLYMER CONCRETE DRAINAGE SYSTEM

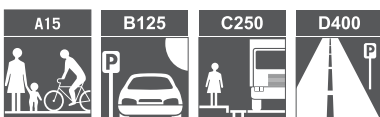
The MEADRAIN ACCESS drainage systems are available with edges made of galvanised steel, stainless steel or ductile iron, and there are completed with a large choice

of gratings in different designs, providing a solution for every type of project.



Product characteristics

- > Loading class from A 15 to D400
- > Edge protection made of galvanised steel, stainless steel or ductile iron
- > Channel covers made of galvanised steel, stainless steel or ductile iron
- > Channel covers with Centre locking, Clipfix, Profix
- > Level channel body, U-shaped drainage section
- > Channel bodies with sealable groove according to EN1433

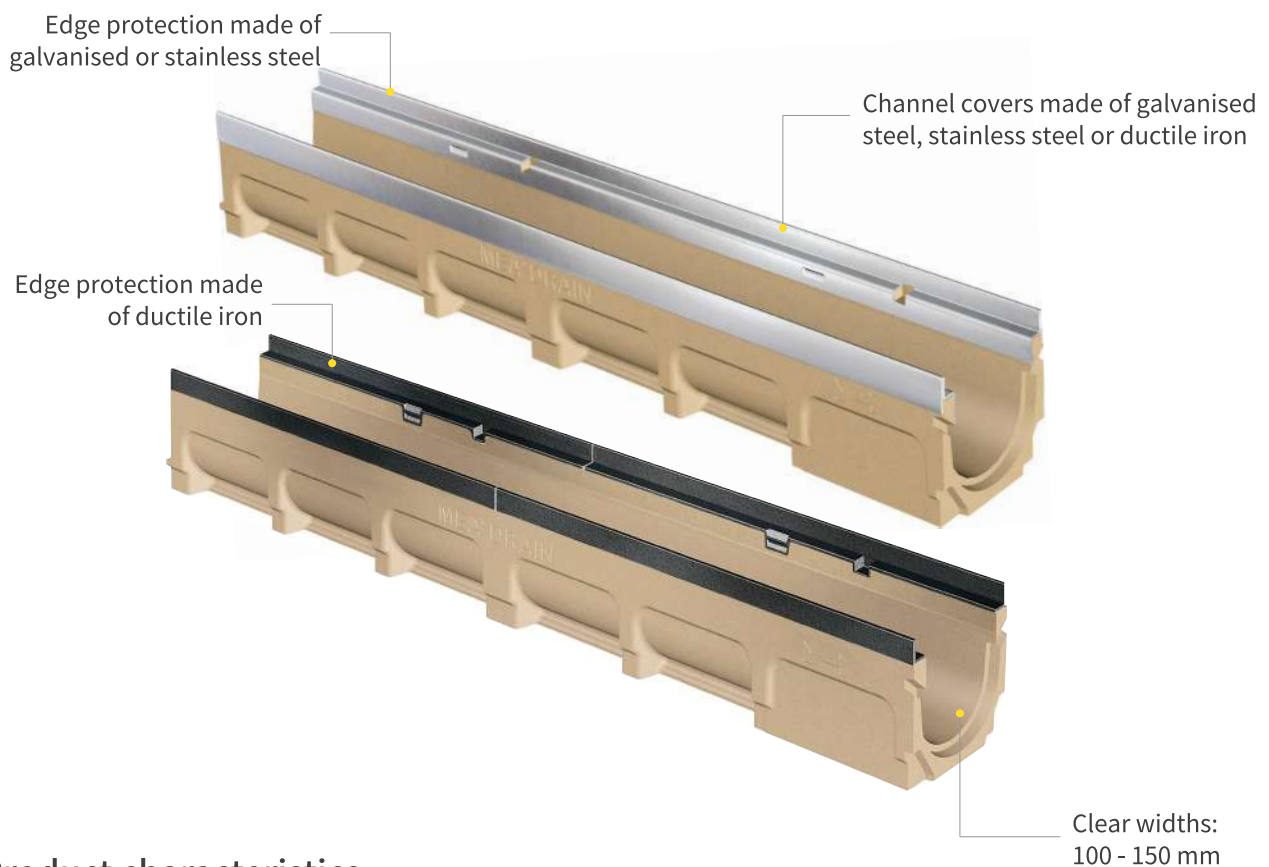




MEA®DRAIN SG/SV/SE POLYMER CONCRETE DRAINAGE SYSTEM

Our MEADRAIN SG/SV/SE channel product portfolio has been designed to provide a maximum of flexibility in using rain water drainage channel for loading classes up to E 600. Our ‘universal’ drainage channel made of polymer concrete covers all possible application fields,

from landscaping to industrial areas with maximum traffic and charges. The MEADRAIN SG/SV/SE drainage channels are available with edges made of galvanized and stainless steel as well as of ductile iron, providing a solution for every type of project.



Product characteristics

- > Loading class from A 15 to E600
- > Edge protection made of galvanised steel, stainless steel or ductile iron
- > Channel covers made of galvanised steel, stainless steel or ductile iron
- > Channel covers with Clipfix, Profix
- > Level channel body, U-shaped drainage section
- > Channel bodies with sealable groove according to EN1433

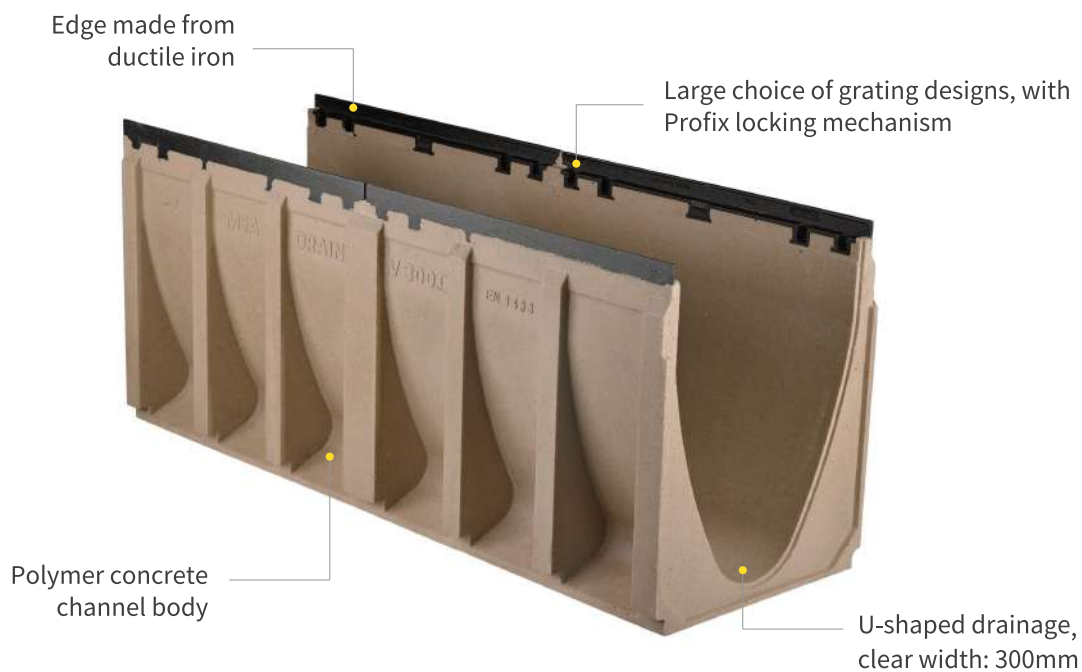




MEA®DRAIN V 300 POLYMER CONCRETE DRAINAGE SYSTEM

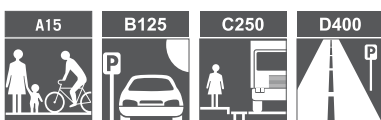
MEADRAIN V 300 polymer concrete drainage system, suitable for various projects such as landscape and

industrial areas with high traffic flow, available for most application fields.



Product characteristics

- > Loading class from A 15 to D400
- > Edge made from ductile iron
- > Large choice of grating designs
- > Grating with PROFIX quick anchoring system with longitudinal shift lock
- > Level channel body, V-shaped drainage section
- > Channel bodies with sealable groove according to EN1433

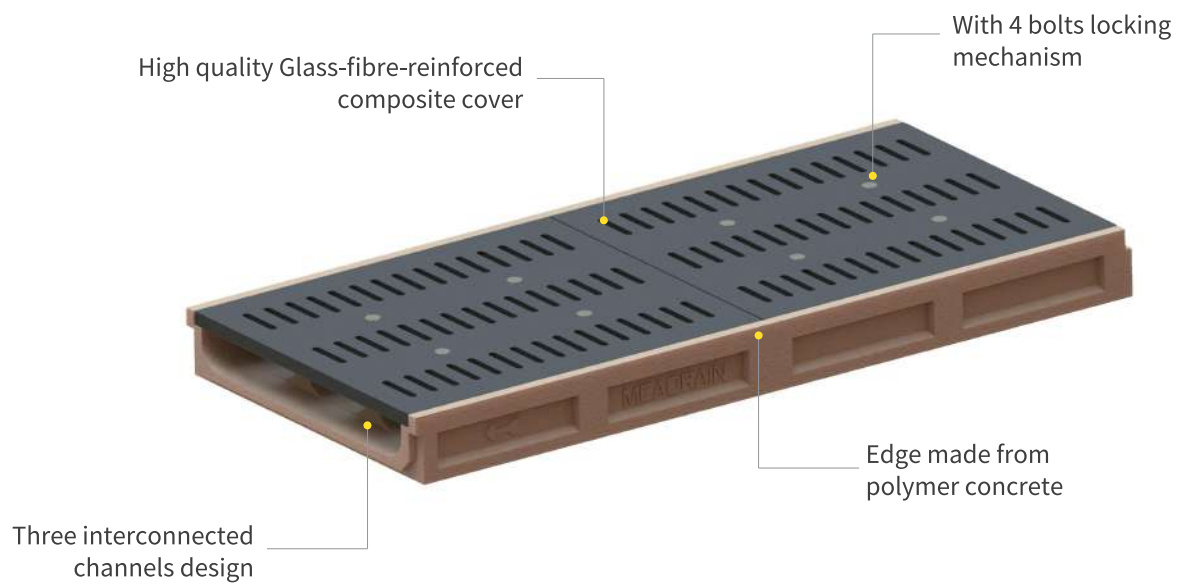




MEA® DRAIN SHALLOW-MULTI-CHANNEL DRAINAGE SYSTEM

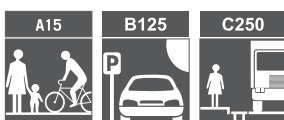
MEADRAIN shallow-multi-channel polymer concrete drainage system, designed three interconnected channels,

even at a low installation height, it can meet the drainage demand for a large flow rate and ensure uniform drainage.



Product characteristics

- > Loading class from A 15 to C250
- > Channel body made of high quality polymer concrete for maximal durability
- > Designed three interconnected channels
- > Available for project with limited installation height
- > With high quality SMC fiberglass covers
- > Covers optionally available with 4-fold bolttable
- > Channel bodies with sealable groove according to EN1433

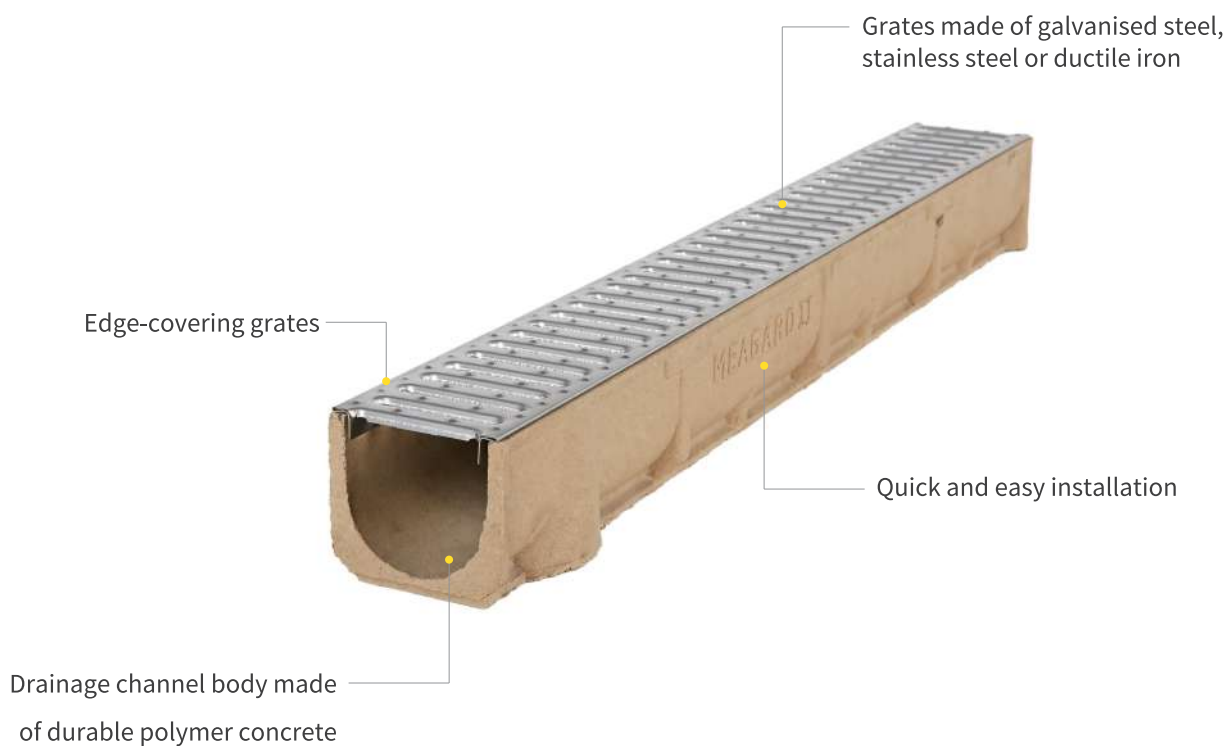




MEA® DRAIN DIY POLYMER CONCRETE DRAINAGE SYSTEM

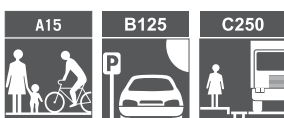
Light and quick to install, yet durable and low-maintenance, this drainage solution is perfectly suited for all applications around houses and gardens.

MEAGARD DIY was specially developed to offer for every household or residential complex a drainage system which is solid, easy to maintain and economical.



Product characteristics

- > Loading class from A 15 to C250
- > Polymer concrete drainage channel body with edge-covering grates
- > Grates made of galvanised steel, stainless steel or ductile iron
- > Light and quick to install





Official Website

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