

MEA PROFESSIONAL DRAINAGE SOLUTIONS



OVERVIEW OF THE MEA DRAINAGE SYSTEMS

LOADING CLASSES A 15 - F 900



MEARIN PLUS/EXPERT V/E UNIVERSAL GRP DRAINAGE SYSTEM

MEARIN PLUS/PLUS F LOADING CLASS UP TO D 400**

MEARIN EXPERT V/E LOADING CLASS UP TO E 600**

- > Drainage channel body with and without slope
- > MEARIN PLUS: With a 6 mm glass-fibre composite edge
- > MEARIN EXPERT V/E: With a firmly anchored 4 mm edge protection made of galvanised (V) and stainless steel (E)



Clear width: 100 mm
Total widths: 136/132 mm
Total heights: 158/208/258 mm

MEARIN PLUS and EXPERT V/E 1000 without slope



Clear width: 100 mm
Total widths: 136/132 mm
Total heights: from 158 up to 258 mm

MEARIN PLUS and EXPERT V/E 1000 with slope



Clear width: 150 mm
Total widths: 186/182 mm
Total height: 187 mm

MEARIN PLUS and EXPERT V/E 1500 without slope



Clear width: 200 mm
Total width: 236/232 mm
Total heights: 242/292/342 mm

MEARIN PLUS and EXPERT V/E 2000 without slope



Clear width: 200 mm
Total widths: 236/232 mm
Total height: from 242 up to 342 mm

MEARIN PLUS and EXPERT V/E 2000 with slope



Clear width: 300 mm
Total widths: 336/332 mm
Total height: 397 mm

MEARIN PLUS and EXPERT V/E 3000 without slope



Clear width: 100 mm
Total width: 137 mm
Total height: 55 mm

MEARIN PLUS F 1000



Clear width: 150 mm
Total width: 187 mm
Total height: 75 mm

MEARIN PLUS F 1500



Clear width: 200 mm
Total width: 237 mm
Total height: 100 mm

MEARIN PLUS F 2000

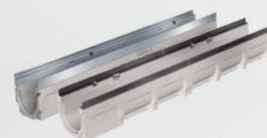
**From loading class D 400 not suitable for cross drainage of high speed roads and motorways.

MEADRAIN S UNIVERSAL DRAINAGE SYSTEM OF POLYMER CONCRETE

MEADRAIN S

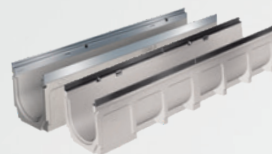
LOADING CLASS UP TO E 600**

- > Drainage channel body for linear slope (0.5%), and without slope, lengths: 500/1000 mm
- > Also with integrated drain connection
- > Edge made of galvanised steel (SV), stainless steel (SE) and ductile iron (SG)



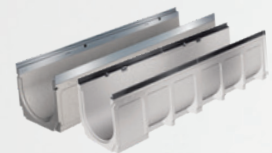
Clear width: 100 mm
Total width: 133 mm
Total heights: from 150 up to 305 mm

MEADRAIN SV/SE/SG 1000



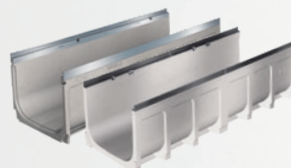
Clear width: 50 mm
Total width: 183 mm
Total heights: from 220 up to 320 mm

MEADRAIN SV/SE/SG 1500



Clear width: 200 mm
Total width: 233 mm
Total heights: from 230 up to 380 mm

MEADRAIN SV/SE/SG 2000 NA



Clear width: 300 mm
Total width: 333 mm
Total heights: from 300 up to 400 mm

MEADRAIN SV/SE/SG 3000



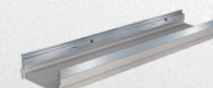
Clear width: 100 mm
Total width: 133 mm
Total height: 80 mm

MEADRAIN SVF/SEF 1000



Clear width: 150 mm
Total width: 183 mm
Total height: 120 mm

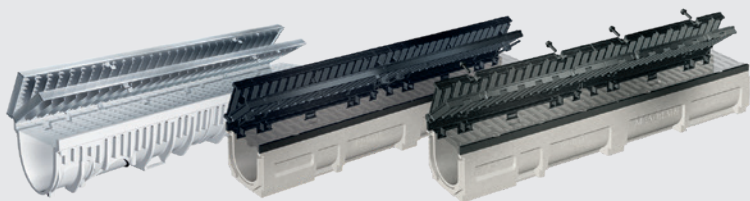
MEADRAIN SVF/SEF 1500



Clear width: 200 mm
Total width: 233 mm
Total height: 100 mm

MEADRAIN SVF/SEF 2000

**From loading class D 400 not suitable for cross drainage of high speed roads and motorways.



MEAS UNIVERSAL GRATING FIXING MECHANISMS CLIPFIX/PROFIX/4-FOLD BOLTED

CHANNEL COVERS WITH UNIVERSAL CLIPFIX GRATING FIXING MECHANISM FOR MEARIN PLUS/EXPERT AND MEADRAIN S

- > Channel cover lengths: 500 and 1000 mm
- > Depending on the selected cover grating loading class up to E 600**



Plastic long bar grating heelguard



Mesh grating 30/10, galv. steel



Mesh grating 20/30, galv. steel



PRIME grating, brushed stainl. steel



Ductile iron grating WAVE



Ductile iron slotted grating



Ductile iron design grating BAVARIA



Ductile iron long bar grating ADA



Plastic long bar grating heelguard



Plastic slotted grating



Perforated grating, stainl. steel



Long bar grating, stainl. steel



Slotted grating, galv. steel



Ductile iron slotted gr. heelguard



Ductile iron design gr. HONEYCOMB



Solid cover ductile iron

CHANNEL COVERS WITH UNIVERSAL PROFIX GRATING FIXING MECHANISM / 4-FOLD BOLTED FOR MEADRAIN EN AND ENS

- > Channel cover lengths: 500 mm
- > Depending the selected cover grating loading class up to F 900**



Ductile iron grating WAVE



Ductile iron long bar grating ADA



Solid cover ductile iron



Ductile iron slotted grating, 4-fold bolted



Ductile iron grating MOVE



Ductile iron slotted grating



Solid cover ductile iron, 4-fold bolted

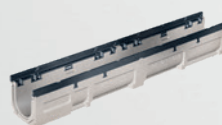
**From loading class D 400 not suitable for cross drainage of high speed roads and motorways.

MEADRAIN EN

HIGH PERFORMANCE DRAINAGE SYSTEM

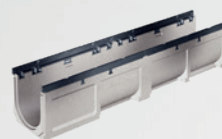
MEADRAIN EN/ENS LOADING CLASS UP TO F 900**

- > Drainage channel body for linear slope (0.5%), and without slope, lengths: 500/1000 mm
- > Stepped slope (0.5%) with transition piece and without slope
- > Also with integrated drain connection
- > With an integrated ductile iron frame



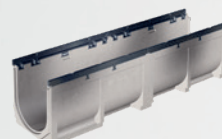
MEADRAIN EN 1000

Clear width: 100 mm
Total width: 140 mm
Total heights: from 150 up to 305 mm



MEADRAIN EN 1500

Clear width: 150 mm
Total width: 190 mm
Total heights: from 220 up to 320 mm
also as a shallow channel ENF
(Total height 180 mm)



MEADRAIN EN 2000

Clear width: 200 mm
Total width: 240 mm
Total heights: from 280 up to 380 mm
also as a shallow channel ENF
(Total heights 100/220 mm)



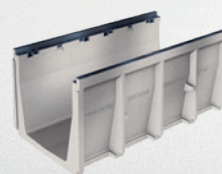
MEADRAIN ENS 3000

Clear width: 300 mm
Total width: 394 mm
Total height: 400 mm



MEADRAIN ENS 3070

Clear width: 300 mm
Total width: 394 mm
Total height: 760 mm



MEADRAIN ENS 4000

Clear width: 400 mm
Total width: 494 mm
Total height: 465 mm

**From loading class D 400 not suitable for cross drainage of high speed roads and motorways.



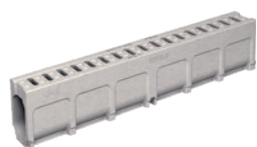
MEADRAIN DM CITY

FOR INNER-CITY AREAS

MEADRAIN DM CITY

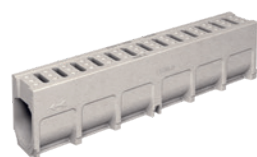
LOADING CLASS UP TO D 400

- > Channel body without slope, length 1000 mm
- > Monolithic construction
- > Loading class from A 15 up to D 400



MEADRAIN DM CITY 1000

Clear width: 100 mm
Total width: 133 mm
Total height: 225 mm



MEADRAIN DM CITY 1500

Clear width: 150 mm
Total width: 183 mm
Total height: 270 mm



MEADRAIN DM CITY 2000

Clear width: 200 mm
Total width: 233 mm
Total height: 330 mm

MEADRAIN DM/DMD

DRAINAGE SOLUTION FOR ROADS AND MOTORWAYS

MEADRAIN DM

LOADING CLASS UP TO F 900

- > Channel body without slope, lengths: 500/1000 mm
- > Loading class A 15 to F 900 for standard variant
- > Loading class A 15 to D 400 with side inlets for use in open porous asphalt



MEADRAIN DM 1010

Clear width: 100 mm
Total width: 154 mm
Total height: 265 mm



MEADRAIN DM 1500/1540

Clear width: 150 mm
Total width: 204 mm
Total heights: 280/480 mm



MEADRAIN DM 2000/2020/2040

Clear width: 200 mm
Total width: 254 mm
Total heights: 320/420/520 mm

MEADRAIN DMD 2000

LOADING CLASS UP TO F 900

- > Channel body without slope. With molded-in EPDM sealing rubber in the channel joint, lengths: 500/1000 mm
- > Absolutely watertight drainage system for use in water protection areas



MEADRAIN DMD 2000

Clear width: 200 mm
Total width: 254 mm
Total height: 320 mm



MEADRAIN DMD 2000
DAL II/DAR II

Clear width: 200 mm
Total width: 254 mm
Total height: 320 mm



MEAKERB

KERBSTONE DRAINAGE CHANNEL FOR ROADS

MEAKERB 320/500

LOADING CLASS UP TO D 400

- > One-piece kerbstone and channel combination. They function as robust kerbs in the upper area and as drainage cannels in the lower area. Lateral inlet openings and the free channel cross-section on the inside ensure efficient water drainage. Length 500 mm
- > Standard kerb with drop kerbs and ramp elements in different heights for use at driveways and bus stops



MEAKERB 320

Clear width: 100 mm
Total width: 154 mm
Total heights: from 195 up to 375 mm



MEAKERB 500

Clear width: 100 mm
Total width: 154 mm
Total heights: from 375 up to 555 mm

MEAKERB SPLAY 320/500

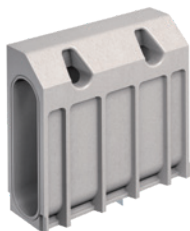
LOADING CLASS UP TO D 400

- > One-piece kerbstone and channel combination. They function as robust kerbs in the upper area and as drainage cannels in the lower area. Lateral inlet openings and the free channel cross-section on the inside ensure efficient water drainage. Length 500 mm
- > The 45° slope is the innovative solution for wheelchair crossings and is also ideal for bus stops or roundabouts.
- > Connector for horizontal outlet



MEAKERB SPLAY 320

Clear width: 100 mm
Total width: 154 mm
Total width: 315 mm
Length: 500 mm



MEAKERB SPLAY 500

Clear width: 100 mm
Total width: 154 mm
Total width: 495 mm
Length: 500 mm

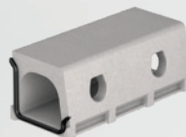
MEAKERB BRIDGE

FOR NEW BRIDGE CONSTRUCTION AND RENOVATION

MEAKERB BRIDGE 160/200

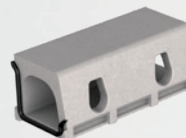
LOADING CLASS UP TO D 400**

- > Kerb channel with an integrated drainage solution and continuous MEA sealing joint, length 500 mm
- > Kerb channels for linear bridge drainage in accordance with BAST and ZTV-ING guideline
- > With fitting accessories



MEAKERB BRIDGE 160-125
Kerb channel

Clear width: 160 mm
Total width: 220 mm
Total height: 200 mm
height of curb: 125 mm



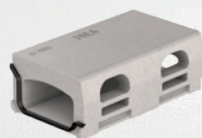
MEAKERB BRIDGE 160-150
Kerb channel

Clear width: 160 mm
Total width: 220 mm
Total height: 200 mm
height of curb: 150 mm



MEAKERB BRIDGE 200-75
Kerb channel

Clear width: 200 mm
Total width: 280 mm
Total height: 155 mm



MEAKERB BRIDGE 200-75
Kerb channel

Clear width: 200 mm
Total width: 280 mm
Total height: 175 mm
Drainage of open porous asphalt

**From loading class D 400 not suitable for cross drainage of high speed roads and motorways.



MEARIN PG EVO

DRAINAGE SOLUTIONS FOR MULTI-STOREY CAR PARKS

MEARIN PG EVO 1500

LOADING CLASS UP TO C 250

- > Monolithic drainage channels made of glass-fibre-reinforced composite, length 3000 mm
- > **MEARIN PG EVO-OS 1500**: drainage system for floors covered with resin
- > **MEARIN PG EVO-AS 1500**: drainage system for floors covered with asphalt



MEARIN PG EVO-OS 1500

Total width: 180 mm
Height: 30 mm



MEARIN PG EVO-AS 1500

Total width: 170 mm
Height: 30 mm



MEARIN PG EVO Pump sump

Height: 400 mm
Lengths: from 540 up to 750 mm



MEA parking deck-drain OS/AS

Width: 260/200 mm
Height: 32 mm
Lengths: 260/200 mm

MEADRAIN PG FOR MULTI-STOREY CAR PARK AND UNDERGROUND CAR PARK

MEADRAIN PG 1000/1500/3000

LOADING CLASS UP TO C 250

- > Shallow channel made of polymer concrete, length 1000 mm
- > No gratings or any other metal elements necessary
- > With integrated sealing joint



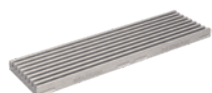
MEADRAIN PG 1000

Width: 100 mm
Height: 50 mm



MEADRAIN PG 1500

Width: 150 mm
Height: 50 mm



MEADRAIN PG 3000

Width: 300 mm
Height: 50 mm

MEACRET LINE 200

DRAINAGE SYSTEM FOR ROADS AND MOTORWAYS

MEACRET LINE 200

LOADING CLASS UP TO F 900

- > Drainage channel with continuous or interrupted slot, lengths: 991 and 3995 mm
- > Particularly robust drainage system made of high-quality concrete (grade C45/55).
- > MEACRET LINE 200 is also available as a curb channel with kerb heights from 70 up to 180 mm
- > With or without slope
- > Slot width: 30 mm



MEACRET LINE 200 CS drainage channel

Internal width: 200 mm
Width: 450 mm
Height: 500 mm



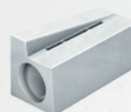
MEACRET LINE 200 IS drainage channel

Internal width: 200 mm
Width: 450 mm
Height: 500 mm



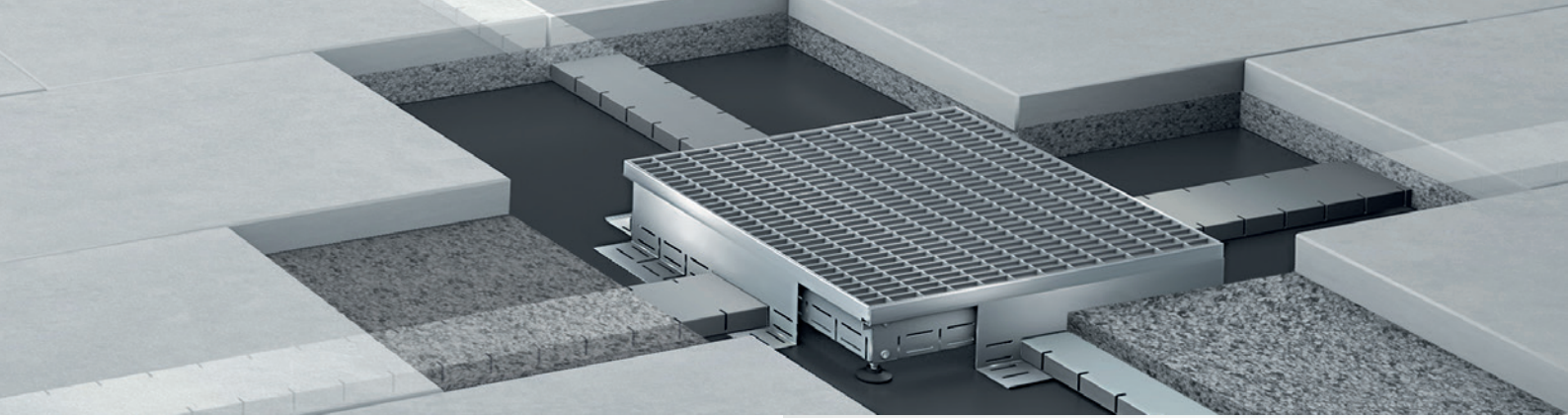
MEACRET LINE 200 kerb

Internal width: 200 mm
Width: 450 mm
Heights: from 570 up to 680 mm



MEACRET LINE 200 lowering element

Internal width: 200 mm
Width: 450 mm
Heights: from 500 up to 680 mm



MEATEC II

DRAINAGE SOLUTION FOR FACADES AND FACADES

MEATEC II 100/130/160/200/250

CAN BE WALKED ON AND WHEELCHAIR PASSABLE

- > Drainage system in three different heights can be combined with height-adjustable installation elevation device, lengths 1000/2000 mm
- > 100% system solution made of galvanised or stainless steel
- > Can be shortened to the required length with no loss of functionality, height-adjustable, even when already installed
- > Easy to install thanks to the MEATEC II 'insert and connect' system



MEATEC II 100

Width: 100 mm
Heights: 50/70/90 mm



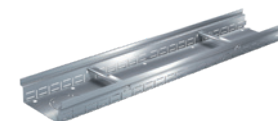
MEATEC II 130

Width: 130 mm
Heights: 50/70/90 mm



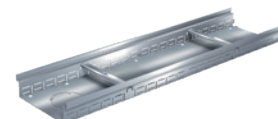
MEATEC II 160

Width: 160 mm
Heights: 50/70/90 mm



MEATEC II 200

Width: 200 mm
Heights: 50/70/90 mm



MEATEC II 250

Width: 250 mm
Heights: 50/70/90 mm



MEATEC II 200 with elevation

Installation with elevation for realization of individual heights and installation methods

MEATEC II

DRAINAGE SOLUTION FOR FACADES AND FACADES

MEATEC II 100/130/160/200/250

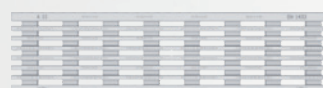
CAN BE WALKED ON AND WHEELCHAIR PASSABLE

- > Integrated gravel borders
- > Cross bracing as a standard feature adds, resistant to lateral pressure
- > Barrier-free installation according to DIN 18040 (part 1 and 2)
- > Installation in accordance with flat roof regulation and DIN 18531
- > Wide range of design channel covers



MEATEC II gravel guard, relief channel, top section

MEATEC II CHANNEL COVERS



Plastic longitudinal bar grating, heelguard, grey
Width: 130 mm



Plastic longitudinal bar grating, heelguard, black
Width: 130 mm



MEA PRIME grating
brushed stainless steel
Widths: 130/160 mm



Perforated grating, heelguard, galvanised and stainless steel
Width: 130 mm



Mesh grating 30/10
galvanised and stainless steel
Widths: 100/130/160/200/250 mm



BUILDING SUCCESS