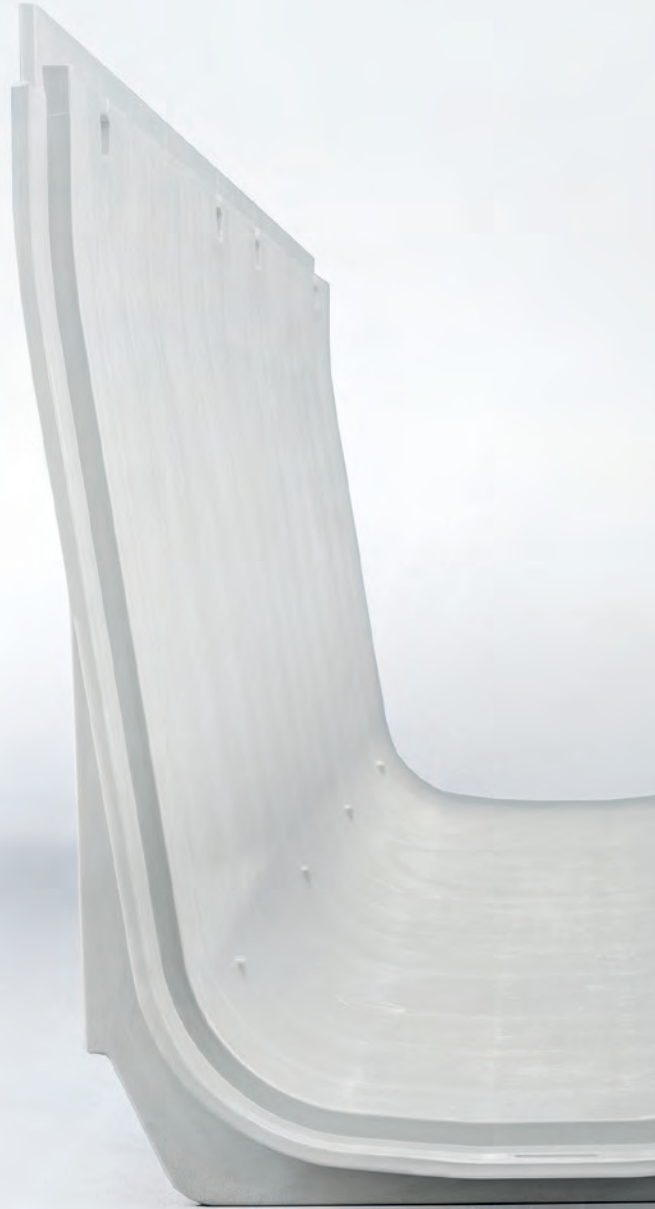


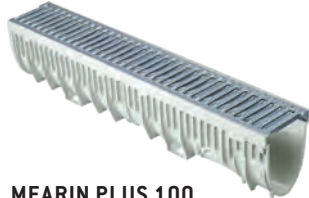
MEARIN ULTRA LIGHT HIGH PERFORMANCE DRAINAGE SYSTEM



HIGH QUALITY GRP DRAINAGE SYSTEM

FLEXIBLE PROFESSIONAL DRAINAGE SOLUTION FOR ALL APPLICATIONS
MEARIN PLUS AND EXPERT

MEARIN PLUS SYSTEM OVERVIEW



MEARIN PLUS 100

Clear width: 100 mm
Total width: 136 mm
Total height: 158 mm

- ✓ Drainage channel body without slope
- ✓ With a glass-fibre composite edge
- ✓ Loading classes A 15 up to D 400



MEARIN PLUS 150

Clear width: 150 mm
Total width: 186 mm
Total height: 187 mm

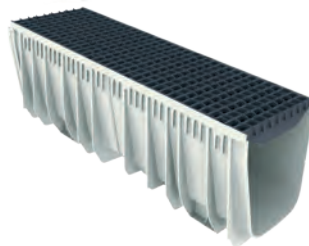
- ✓ Drainage channel body without slope
- ✓ With a glass-fibre composite edge
- ✓ Loading classes A 15 up to D 400



MEARIN PLUS 200

Clear width: 200 mm
Total width: 236 mm
Total height: 242 mm

- ✓ Drainage channel body without slope
- ✓ With a glass-fibre composite edge
- ✓ Loading classes A 15 up to D 400



MEARIN PLUS 300

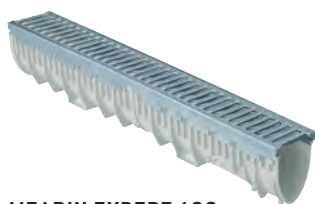
Clear width: 300 mm
Total width: 336 mm
Total height: 397 mm

- ✓ Drainage channel body without slope
- ✓ With a glass-fibre composite edge
- ✓ Loading classes A 15 up to D 400





MEARIN EXPERT SYSTEM OVERVIEW



MEARIN EXPERT 100

Clear width: 100 mm
Total width: 132 mm
Total height: 158 mm

- ✓ Drainage channel body without slope
- ✓ With a galvanised edge
- ✓ Loading classes A 15 up to E 600



MEARIN EXPERT 150

Clear width: 150 mm
Total width: 182 mm
Total height: 187 mm

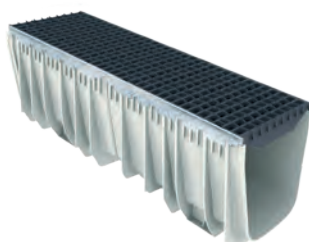
- ✓ Drainage channel body without slope
- ✓ With a galvanised edge
- ✓ Loading classes A 15 up to E 600



MEARIN EXPERT 200

Total width: 200 mm
Total width: 232 mm
Total height: 242 mm

- ✓ Drainage channel body without slope
- ✓ With a galvanised edge
- ✓ Loading classes A 15 up to E 600



MEARIN EXPERT 300

Total width: 300 mm
Total width: 332 mm
Total height: 397 mm

- ✓ Drainage channel body without slope
- ✓ With a galvanised edge
- ✓ Loading classes A 15 up to E 600



MEARIN FLAT CHANNEL SYSTEM OVERVIEW



MEARIN F 100

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

- ✓ Drainage channel body without slope
- ✓ With a glass-fibre composite edge
- ✓ Loading classes A 15 up to D 400



MEARIN F 150

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

- ✓ Drainage channel body without slope
- ✓ With a glass-fibre composite edge
- ✓ Loading classes A 15 up to D 400



MEARIN F 200

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

- ✓ Drainage channel body without slope
- ✓ With a glass-fibre composite edge
- ✓ Loading classes A 15 up to D 400

GRP

FLEXIBLE PROFESSIONAL DRAINAGE SOLUTION FOR ALL APPLICATIONS

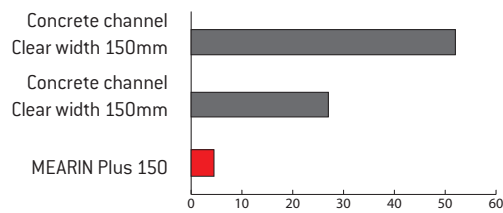
The MEARIN system enables the installation of channels without a mechanical support, and with significantly less personnel than with comparably heavy concrete channels. Perfect anchoring of the system in the concrete casing guarantees a quick and easy installation, and a highly stable construction of the drainage line.

Thanks to the highly stable GRP material, the MEARIN system is extremely break and abrasion resistant. The long-term resistant and highly smooth inner surface of

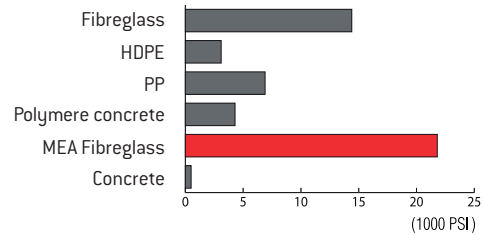
the drainage channel body, will continuously provide the best possible drainage values.

- ✓ Despite the minimal weight loading classes up to E 600 possible, unlike with most conventional PP, PE as well as other GRP channels.
- ✓ The innovative STARFIX quick release enables a quick and easy installation or removal of the grates and easy cleaning of the channels.

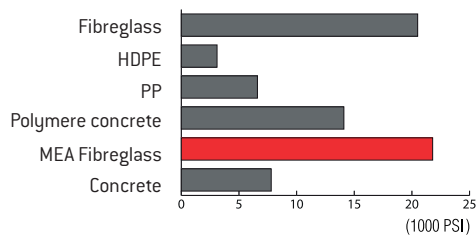
Weight in kg



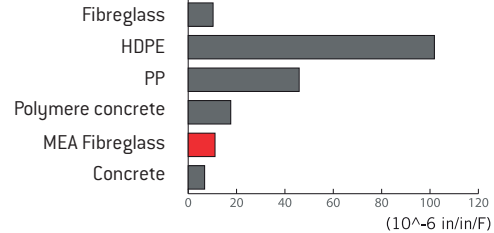
Tensile strength



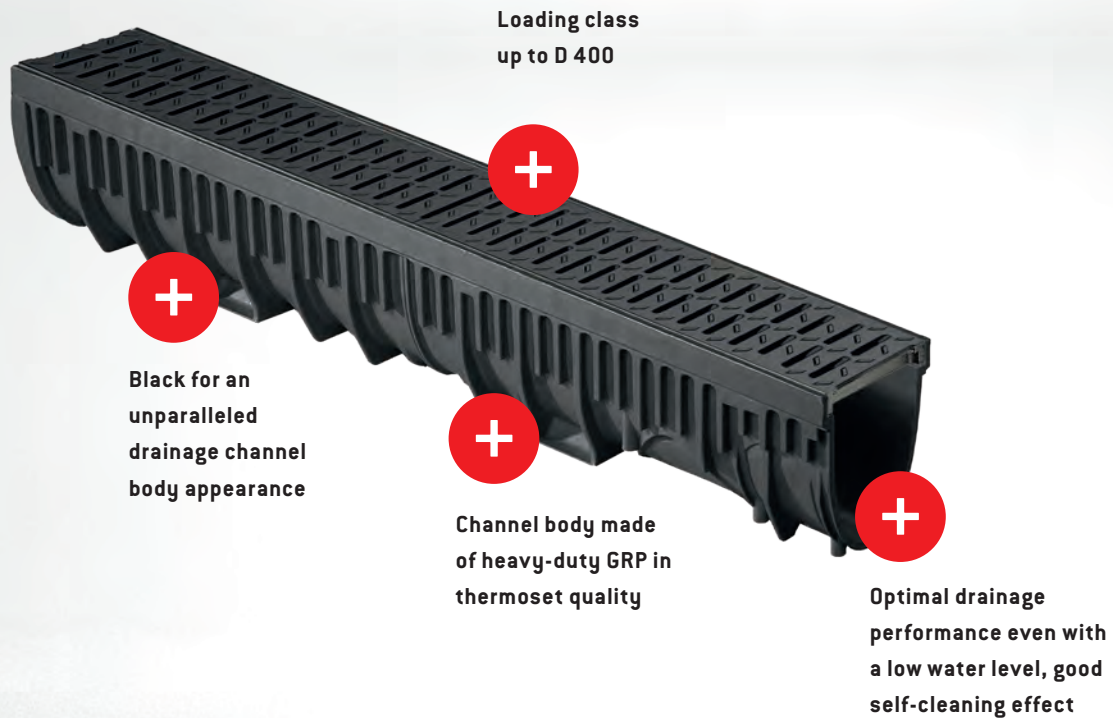
Compression resistance



Thermal expansion (at 20°C)





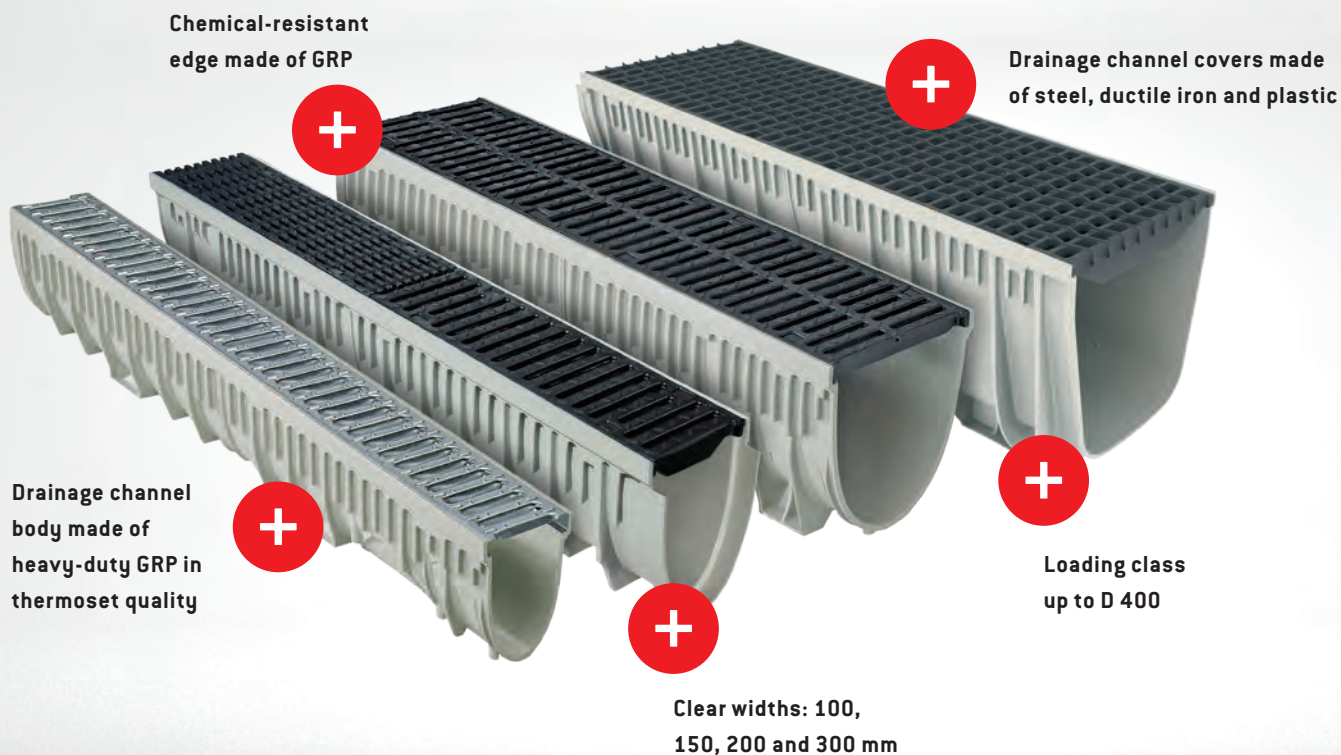


MEARIN PLUS 100 BLACK LIGHT AND AESTHETIC (D 400)

The MEARIN BLACK drainage channel system is perfect to conduct a visually appealing drainage of parks and open spaces.

Highly resilient drainage channel body made of GRP in thermoset quality. The high-tech material is dimensionally stable, heat-resistant, abrasion-resistant and resistant to chemicals.

- ✓ Highly stable (up to class D 400)
- ✓ Perfect for dark, charcoal-coloured paving
- ✓ Channel made of GRP (highly stable glass-fibre-reinforced composite)
- ✓ No thermoplastic = no deformation!
- ✓ Permanently stable!
- ✓ Weather-resistant plastic gratings (no rust), slotted gratings made of galvanised steel and mesh gratings
- ✓ Sustainable: 100% recyclable



MEARIN PLUS DRAINAGE SYSTEM WITH GRP EDGE (D 400)

For applications in gardening and landscaping as well as in urban areas:

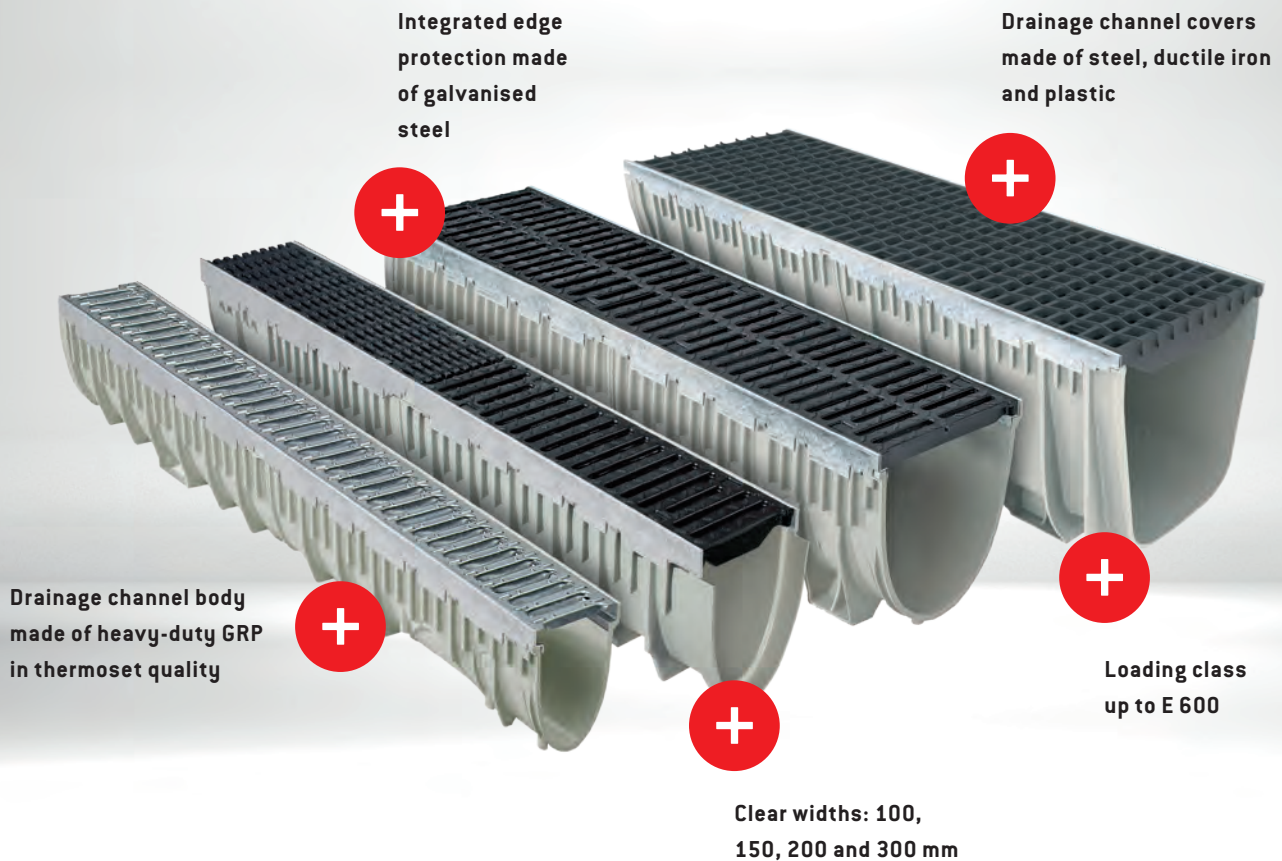
- ✓ Drainage channel body and edge completely made of GRP (highly stable glass-fibre-reinforced composite)
- ✓ Available in the clear widths: 100, 150, 200 and 300 mm

- ✓ Grating covers made of steel, ductile iron and plastic
- ✓ Areas of application: Public places, parking lots, gardening and landscaping
- ✓ Loading class up to D 400

MEARIN EXPERT DRAINAGE SYSTEM WITH EDGE PROTECTION MADE OF STEEL (E 600)

For applications in urban areas, on traffic routes and industrial areas:

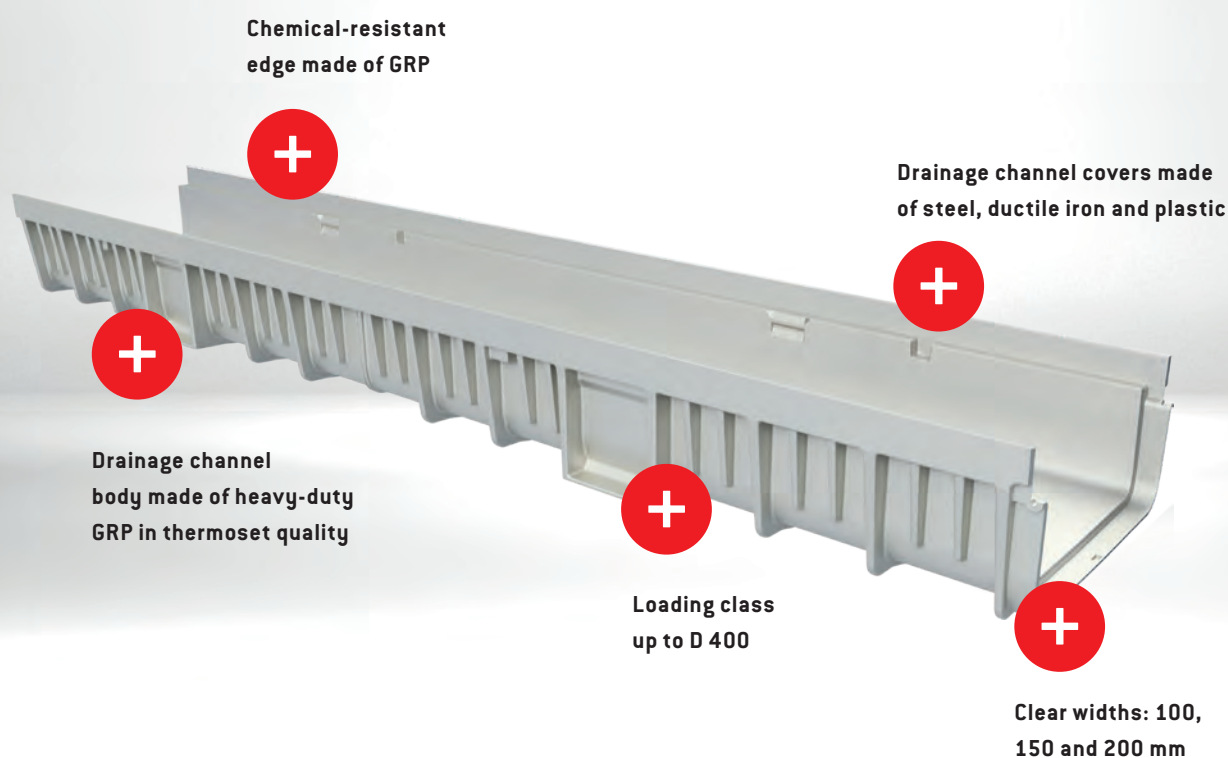
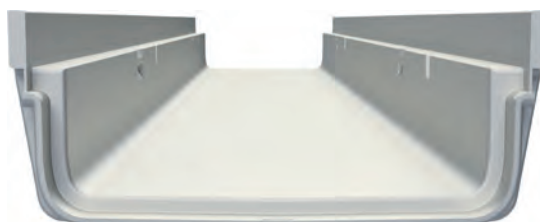
- ✓ Drainage channel body made of GRP (highly stable glass-fibre-reinforced composite) with tightly integrated edge protection made of galvanised steel for high loads
- ✓ Available in clear widths: 100, 150, 200 and 300 mm
- ✓ Grating covers made of steel, ductile iron and plastic
- ✓ Areas of application: leisure facilities, industrial areas, workshops, streets and roads
- ✓ Loading class up to E 600



MEARIN F FLAT CHANNELS

For applications in gardening and landscaping as well as in urban areas:

- ✓ Drainage channel body and edge completely made of GRP (highly stable glass-fibre-reinforced composite)
- ✓ Available in clear widths: 100, 150 and 200 mm
- ✓ Grating covers made of steel, ductile iron and plastic
- ✓ Areas of application: Public places, parking lots, gardening and landscaping
- ✓ Loading class up to D 400





MEA TSH TOPSLOT ELEGANT DRAINAGE SOLUTION WITH HIGH FUNCTIONNALITY

In addition to its simple elegance, the MEA TSH TOPSLOT system offers a large array of advantages during and after installation.

The MEA TSH TOPSLOT system has been designed for loading classes from A 15 to E 600. Beyond the standard heights of 160 and 180 mm, the MEA TSH TOPSLOT system can be delivered in very cost effective custom heights for specific projects. The flush positioned external contours simplify the paving.

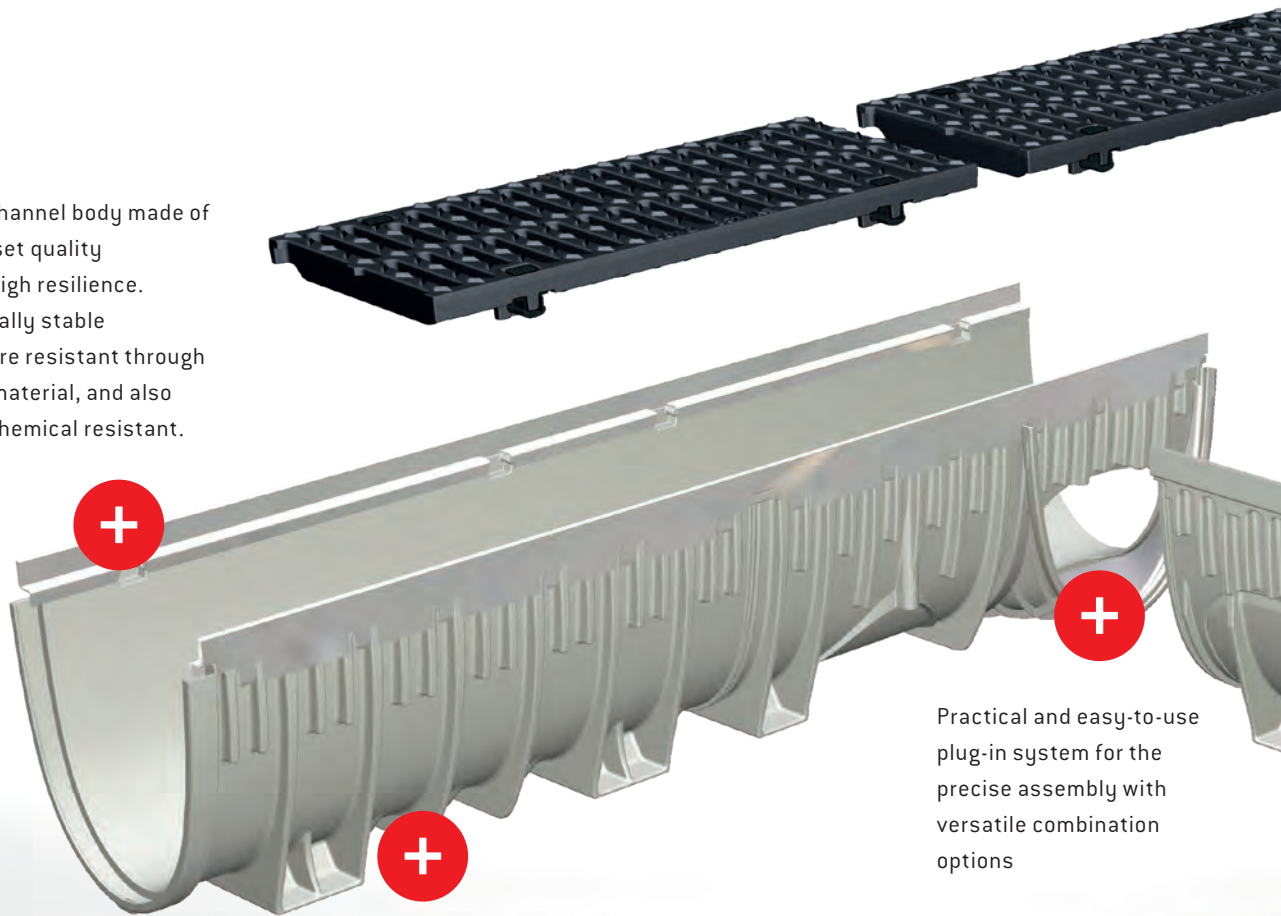
The special, extra thick, zinc coating of the TSH TOPSLOT guarantees maximum functional reliability and best possible resistance to corrosion. The TSH system is also available in stainless steel for making it a unique and longlasting design solution for drainage purposes.



MEARIN SYSTEM

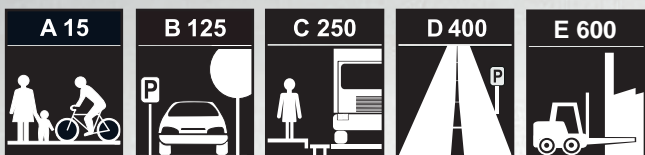
- ✓ First complete and sealable channel system made of GRP
- ✓ Certified compliant to EN 1433 and CE

The drainage channel body made of GRP in thermoset quality guarantees a high resilience. It is dimensionally stable and temperature resistant through the high-tech material, and also abrasion and chemical resistant.



Practical and easy-to-use plug-in system for the precise assembly with versatile combination options

Drainage channel body made entirely of specially developed MEA GRP for drainage solutions up to the loading class E 600



COMPLETE SYSTEM WITH PERFECTLY FITTING COMPONENTS



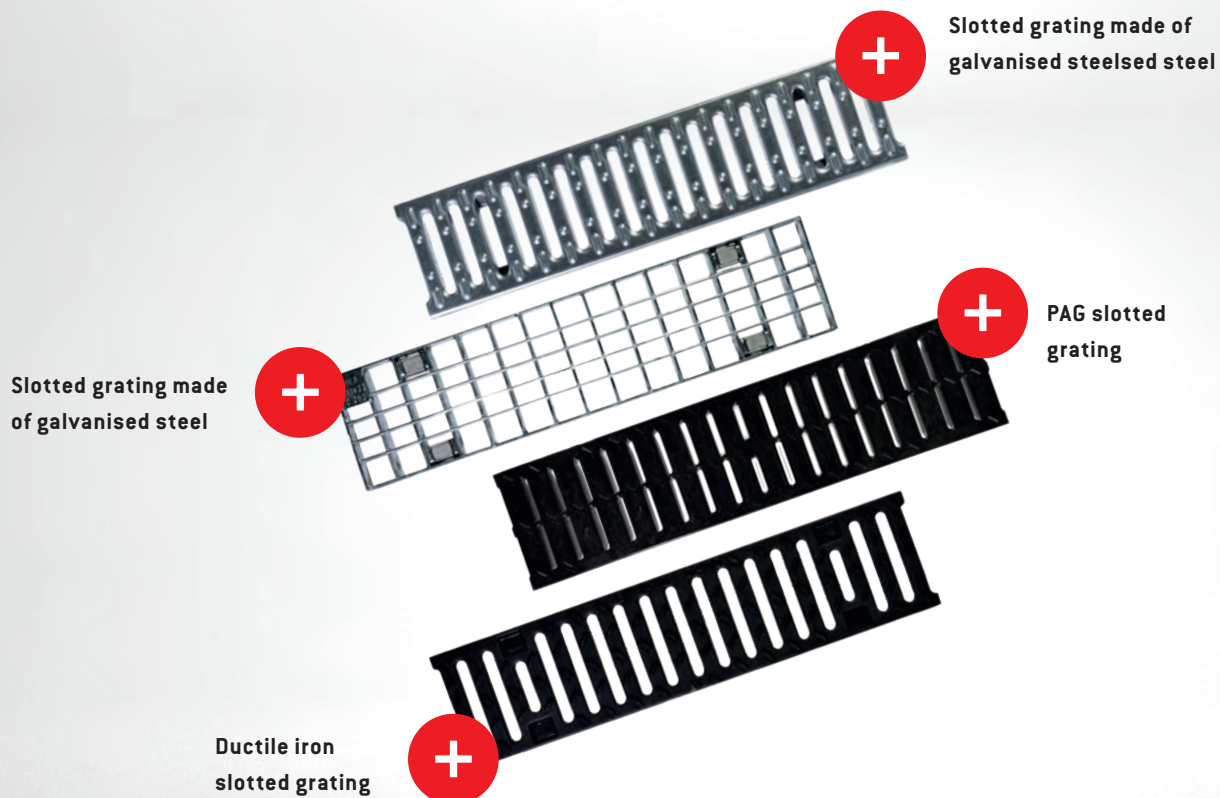
The innovative STARFIX grate protection system speeds up the installation and maintenance. This saves time and money. The 4-point lock prevents loose or rattling grates, and avoids longitudinal shifts.



Wide and low-placed anchoring bays guarantee a permanently secure hold in the concrete bed



The channel form ensures an optimal drainage performance even at low water levels, and ensures a good self-cleaning effect



MEARIN PLUS AND EXPERT CHANNEL COVERS

MEARIN PLUS AND EXPERT CHANNEL COVERS

MEA offers a wide range of covers for MEARIN channels systems that are not just functional, but also especially set accents in the field of product design.

From efficient mesh grates to classic slotted grates, MEA stands for quality, innovation and creativity.

Slotted grating made of galvanised steel or PAG:

- ✓ The intelligent slot/grating design is a visual alternative to mesh grates. Particularly stable and weather resistant
- ✓ Loading classes A 15 to C 250

Ductile iron slotted grating:

- ✓ Especially suitable for extreme loads and heavily frequented areas.
- ✓ Loading classes C 250 to E 600

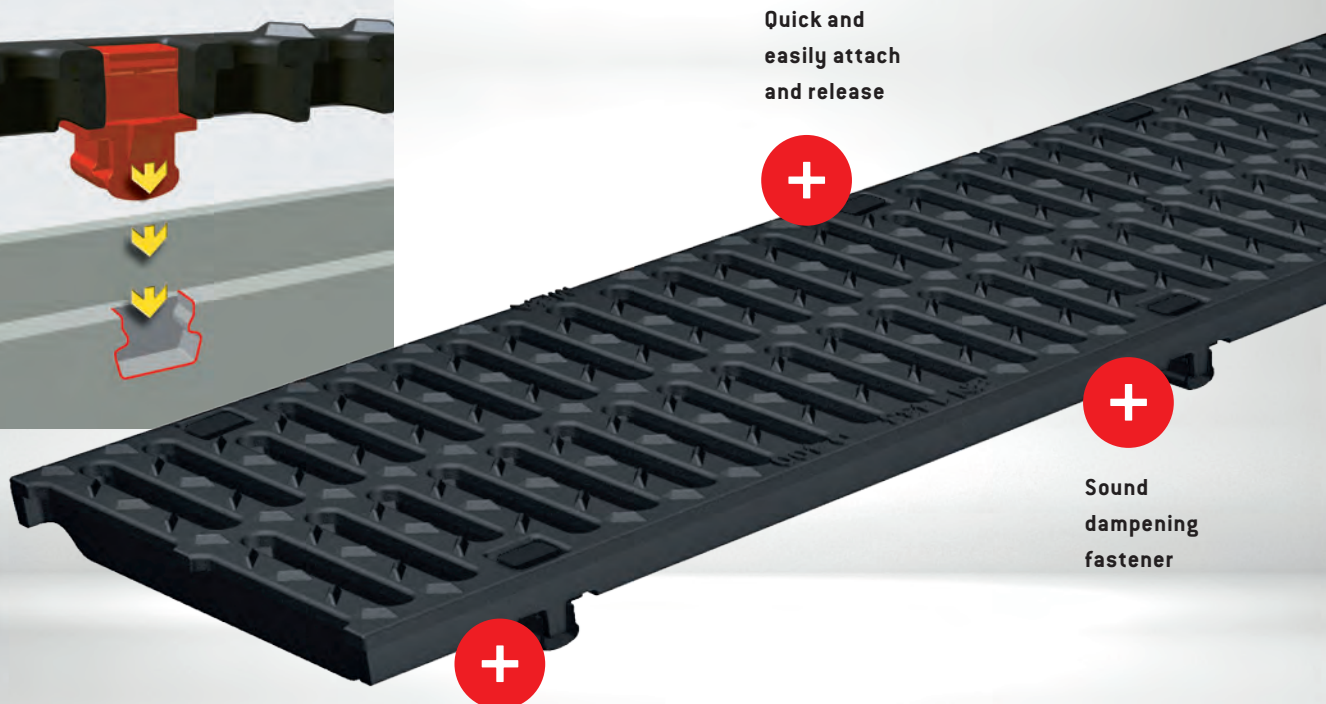
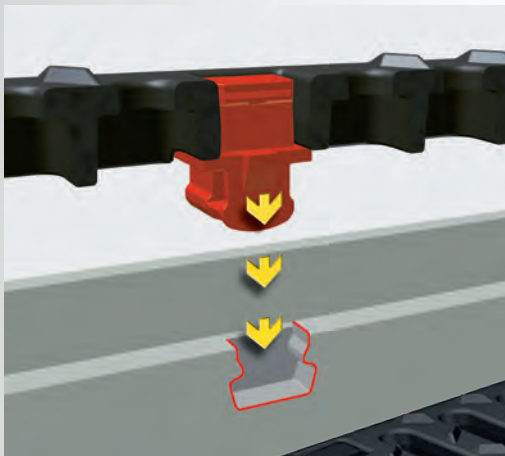
Mesh grating:

- ✓ The classic drainage channel cover made of galvanised press grating
- ✓ Loading classes A 15 to D 400

STARFIX

INNOVATIVE GRATING PROTECTION WITHOUT BOLTS

- ✓ Innovative 4-point lock in the drainage channel body for a firm and stable seat without loose or rattling parts
- ✓ Securing the covers against longitudinal shifting
- ✓ Long service life, since there are no moving and wear parts
- ✓ No reduction of the drainage cross-section, because the complete drainage channel cross section remains free
- ✓ Quick and easily attach and release of the grates with one hand without special-purpose tools
- ✓ Very pleasant and quiet through sound dampening fasteners and therefore ideal for traffic or noise-protected zones.



Quick and
easily attach
and release



Sound
dampening
fastener



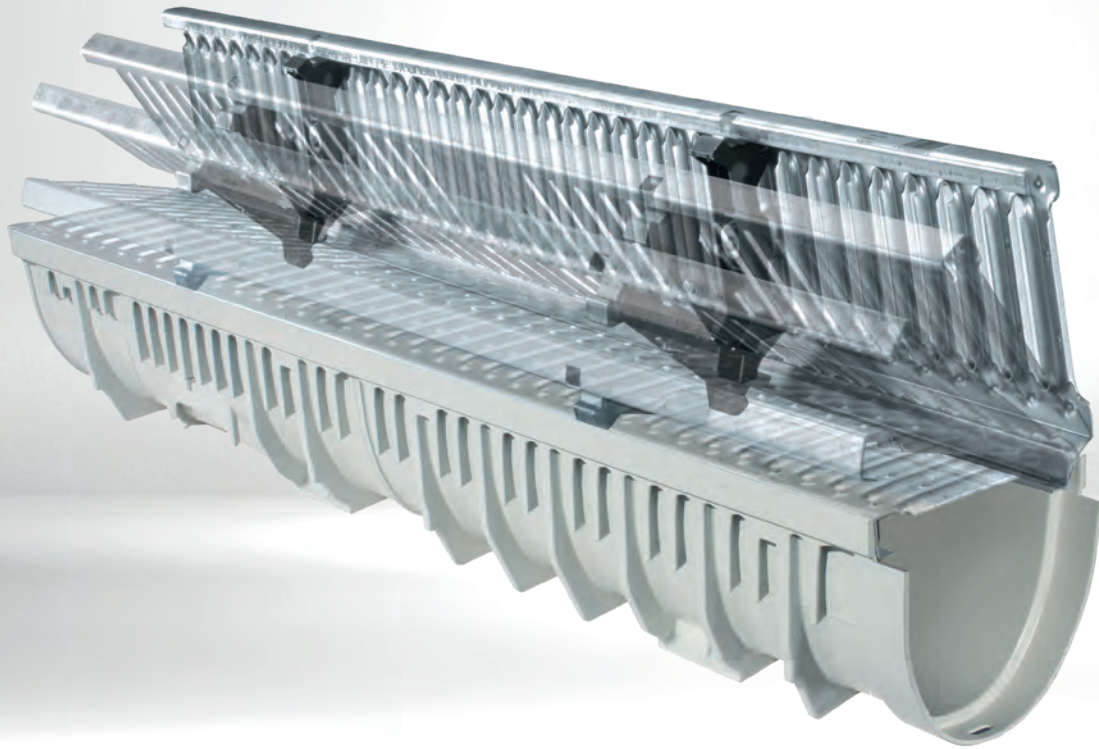
4-point lock for a stable
fit of the gratings

Installation:

Insert the grating into the drainage channel body,
press - click - finished

Uninstall:

Simply remove the grating from the channel by hand



MEA CLIPFIX RAPID LOCKING SYSTEM

CLIPFIX RAPID GRATING LOCKING MECHANISM FOR MEARIN CHANNELS

For all professionals who look for an easy, fast and convenient installation: CLIPFIX locking mechanism.

Installation:

- ✓ Place the grating into the channel body
- ✓ Step on it - it's done

Removal:

- ✓ Take the MEA Grating hook
- ✓ Remove the first grating from the channel line
- ✓ All the other grating can be removed by hand

- ✓ Fast, cost-effective installation
- ✓ Optimised water uptake
- ✓ Long lasting
- ✓ No rattling with vehicular traffic
- ✓ Practical MEA grating hook for fast demounting of the gratings
- ✓ Easy to clean channel: ongoing completely unobstructed cross section
- ✓ Sturdy

MEA GRP PREMIUM MATERIAL

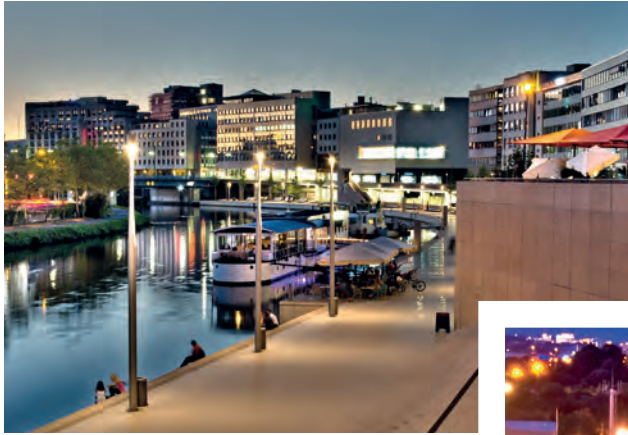
All MEARIN channels systems are manufactured from high-quality MEA GRP. GRP stands for glass-fibre-reinforced composite material, and is used in a broad range of applications with high requirements, including aircraft construction, the automotive industry and also in motorsports.

But not all GRP types are equal, as the quality and specific characteristics sometimes differ considerably. Thereby, we rely on SMC technology, (Sheet Moulding Compound) - a composite of polyester resin, mineral filler materials, additives and fibreglass mats.

GRP convinces with the highest degree of strength and dimensional stability. This means extreme stability even under high temperatures, combined with a very low thermal expansion.

In contrast to thermoplastics, GRP can be not deform after curing, but rather remains stable and durable in its form. Our many years of experience and expertise with this material will guarantee light-weight and equally long-lasting products that create sustainable values for our customers and partners.





TOWN CENTRES AND PEDESTRIAN AREAS



PARKING SPACES



GARDENING AND LANDSCAPING

MEARIN AREAS OF APPLICATION



ROADS AND CITIES

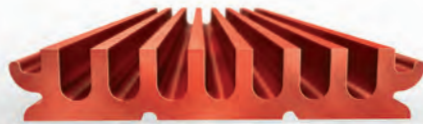


HOME AND GARDEN



INDUSTRY AND LOGISTICS

THE ADDITIONAL PRODUCT PORTFOLIO OF MEA WATER MANAGEMENT



MEARIN PG EVO

Drainage solutions for multi-storey car parks



MEATEC

Professional drainage system for facades and terraces



MEADRAIN

Professional drainage systems for the heavy loaded areas



MEADRAIN TRAFFIC

Professional drainage systems for the streets and motorways



BUILDING SUCCESS

MEA Water Management / Sudetenstraße 1 / D-86551 Aichach / www.mea-group.com
Business unit of MEA Bautechnik GmbH