

IMEA TOPSLOT

VERSATILE, STURDY
AND ELEGANT



DRAINING SYSTEMS FOR URBAN ARCHITECTURE
MEA TOPSLOT FOR MEARIN AND MEADRAIN DRAINAGE CHANNELS



MEAS TSH TOPSLOT

ELEGANT DRAINAGE SOLUTION WITH HIGH FUNCTIONALITY

THE ADVANTAGES

- > Available in clear widths 100, 150 and 200 mm, as well as in 300 mm upon request
- > Suitable for drainage channel systems MEARIN and MEADRAIN - Usable neck height: 160 mm
- > Constructive height without grating: 160/180 mm (Special heights upon request)
- > Constructive lengths 500 or 1000 mm
- > Loading classes A 15 to E 600
- > Die-cast grating made of nodular cast iron EN-GJS-500-7
- > TOPSLOT made of galvanised steel or stainless steel, material thickness 1.5 mm
- > Control and maintenance element made of galvanised steel or stainless steel, material thickness 6 mm
- > Control and maintenance element with continuous slot (CW 100 mm for paving - in clear widths 150, 200 and 300 mm with grating)



MEA TSH TOPSLOT

SIMPLE YET GENIUS COMBINATION

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. The system can also be up-graded to loading class F 900 on request. 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 realisability and best possible resistance to corrosion. The TSH system is also available in stainless steel for making it a unique and long-lasting design solution for drainage purposes.



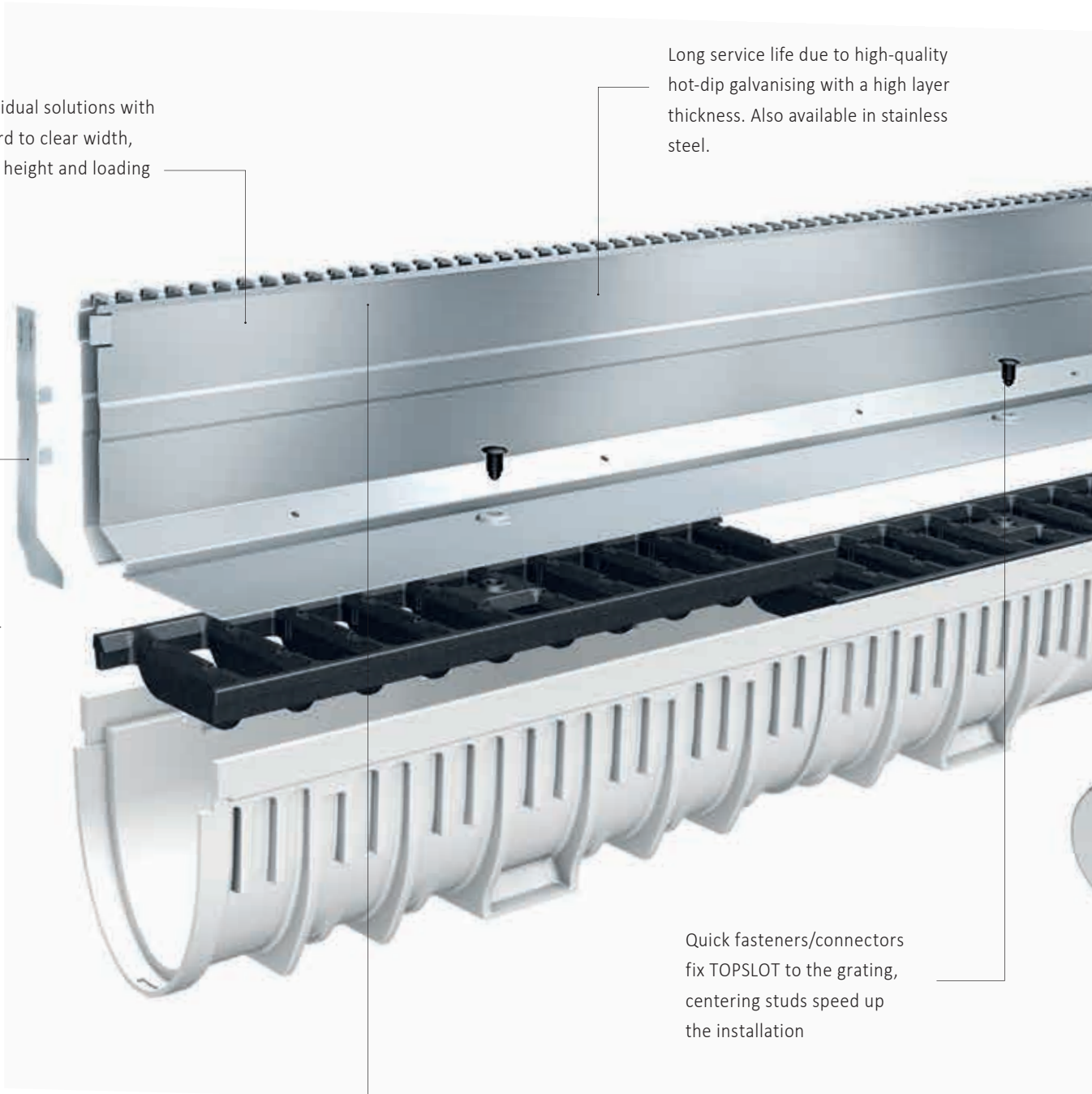
Individual solutions with regard to clear width, neck height and loading class

Long service life due to high-quality hot-dip galvanising with a high layer thickness. Also available in stainless steel.

Endcap for TSH TOPSLOT

Quick fasteners/connectors fix TOPSLOT to the grating, centering studs speed up the installation

Architecturally attractive design with a continuous slot design and inconspicuous joint. The narrow slot replaces the grate and ensures rapid and safe drainage of the surface water. An intelligent slot design with transverse webs at the in-feed reduces the ingress of dirt build-up in the channel.

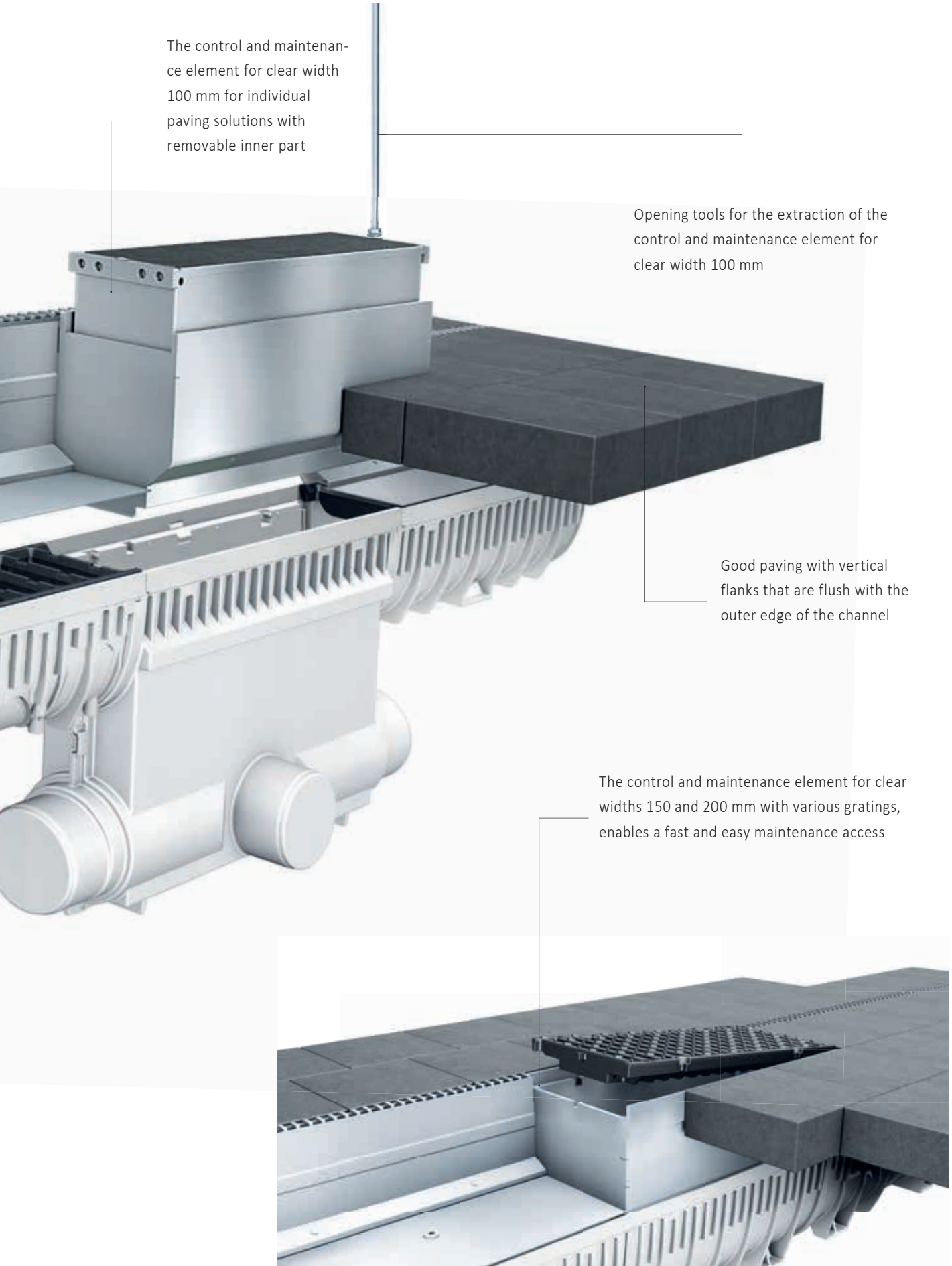


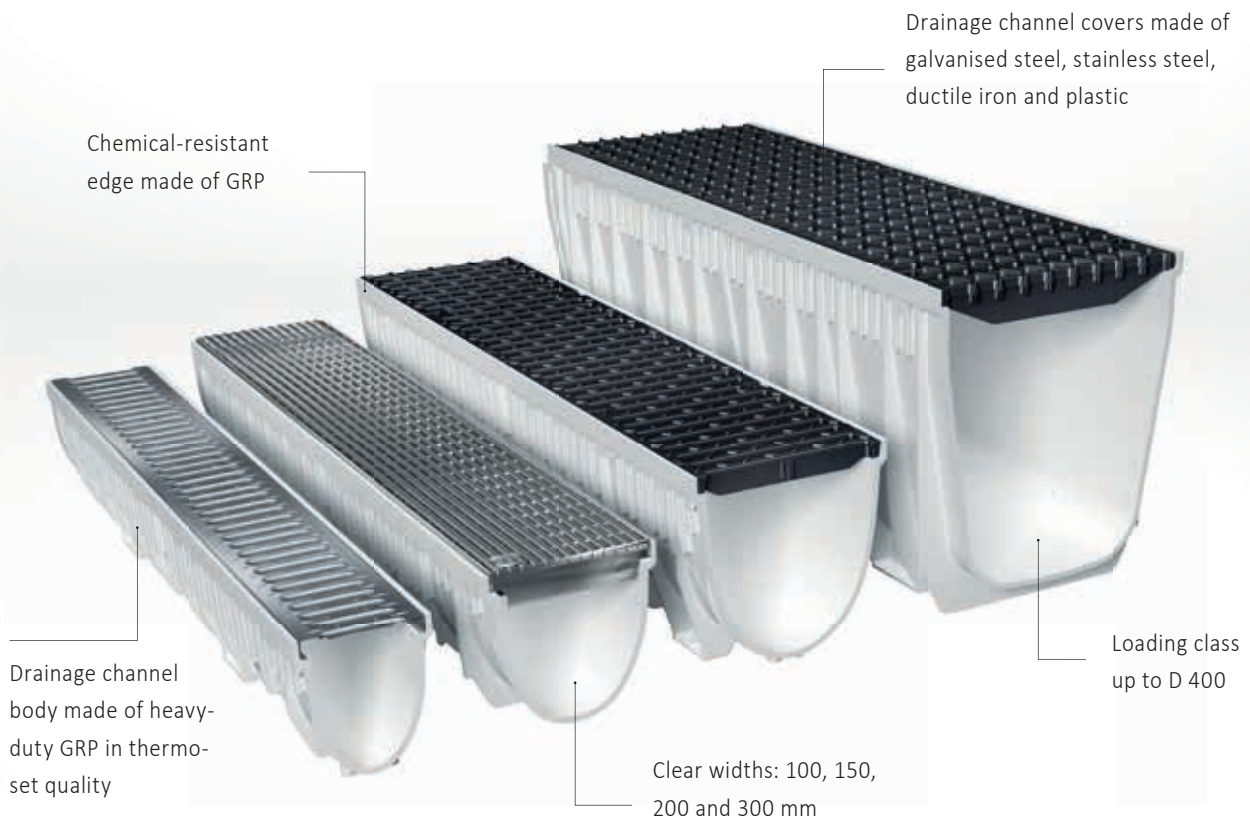
The control and maintenance element for clear width 100 mm for individual paving solutions with removable inner part

Opening tools for the extraction of the control and maintenance element for clear width 100 mm

Good paving with vertical flanks that are flush with the outer edge of the channel

The control and maintenance element for clear widths 150 and 200 mm with various gratings, enables a fast and easy maintenance access





MEARIN PLUS DRAINAGE SYSTEM WITH GRP EDGE (D 400)



MEARIN 2000 PLUS
WITH GRP EDGE AND
MEA TSH TOPSLOT

MEARIN PLUS

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 material)
- > Available in clear widths: 100, 150, 200 and 300 mm. In nominal width 100 mm also available as sloped version.
- > Covers made of galvanised steel, stainless steel, cast iron and plastic
- > Areas of application: public places, parking lots, gardening and landscaping
- > Loading class up to D 400

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

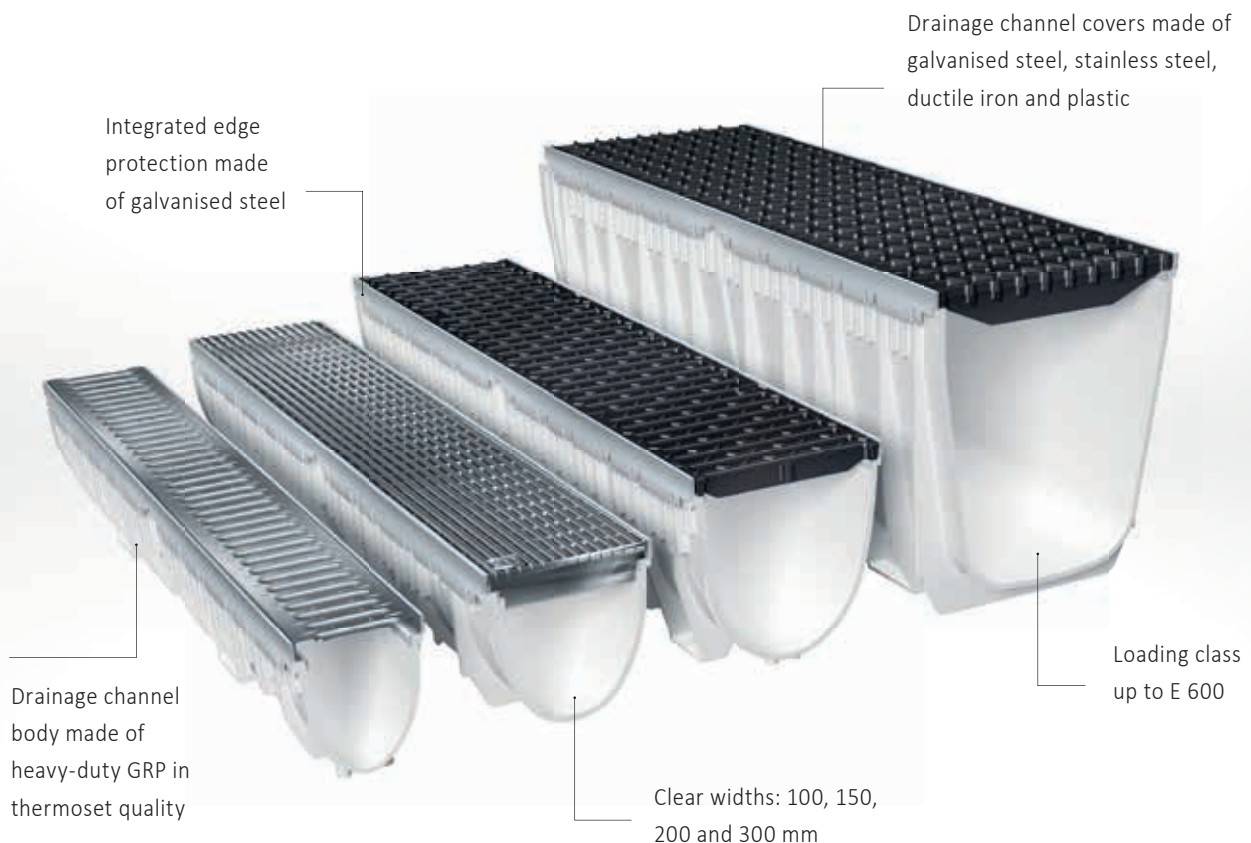


MEARIN 2000 EXPERT WITH INTEGRATED EDGE PROTECTION MADE OF GALVANISED STEEL AND MEA TSH TOPSLOT

MEARIN EXPERT

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

- > Drainage channel body made of GRP (highly stable, glass-fibre-reinforced composite) with tightly integrated edge protection made of galvanized steel for high loads
- > Available in clear widths 100, 150, 200 and 300 mm. In nominal width 100 mm also available as sloped version.
- > Covers made of stainless steel, galvanized steel, cast iron and plastic
- > Areas of application: leisure facilities, industrial areas, workshops, streets and roads
- > Loading class up to E 600



Integrated edge protection made of galvanized steel

Drainage channel covers made of galvanized steel, stainless steel, ductile iron and plastic

Drainage channel body made of heavy-duty GRP in thermoset quality

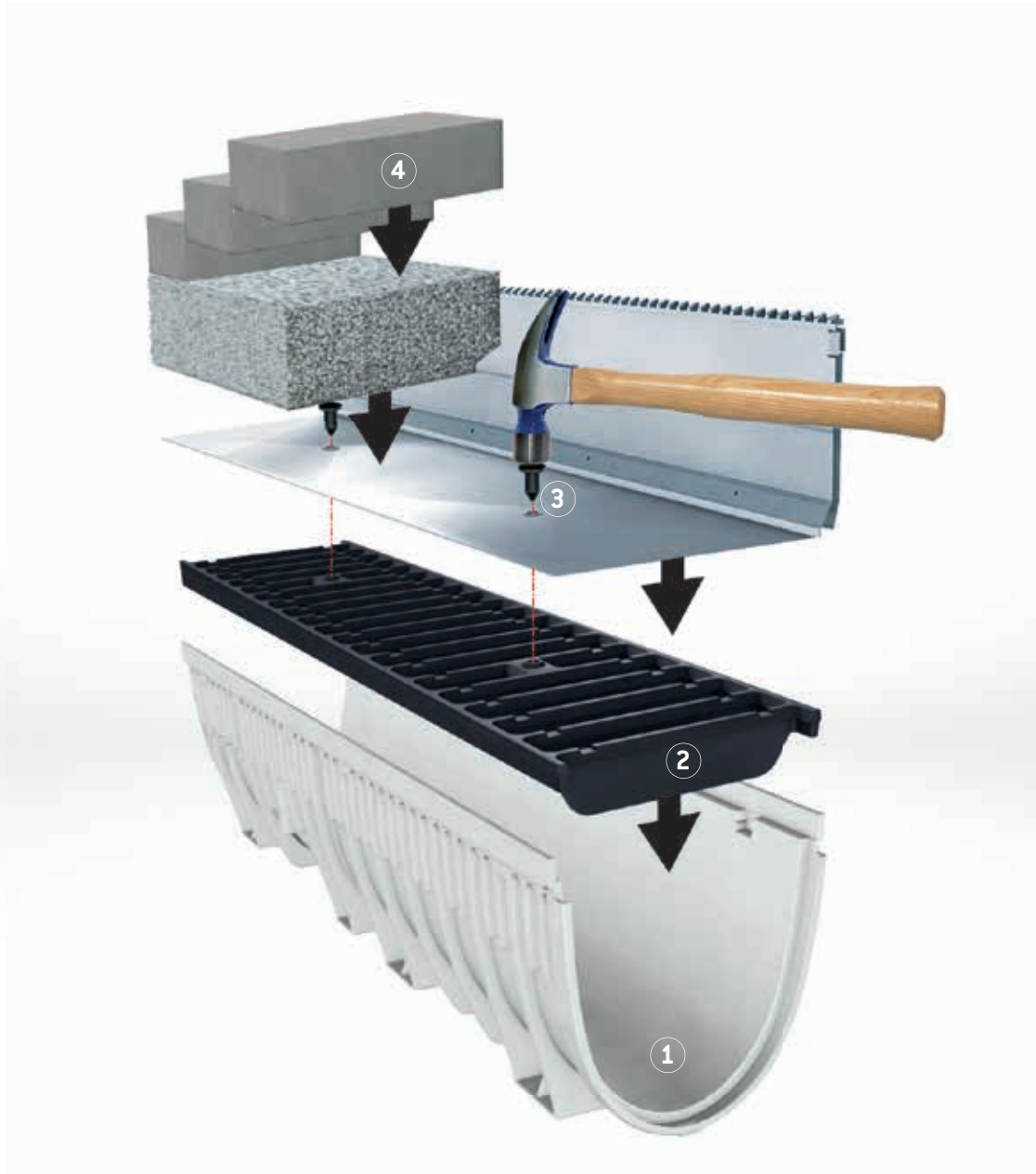
Clear widths: 100, 150, 200 and 300 mm

Loading class up to E 600

IMEA TSH TOPSLOT

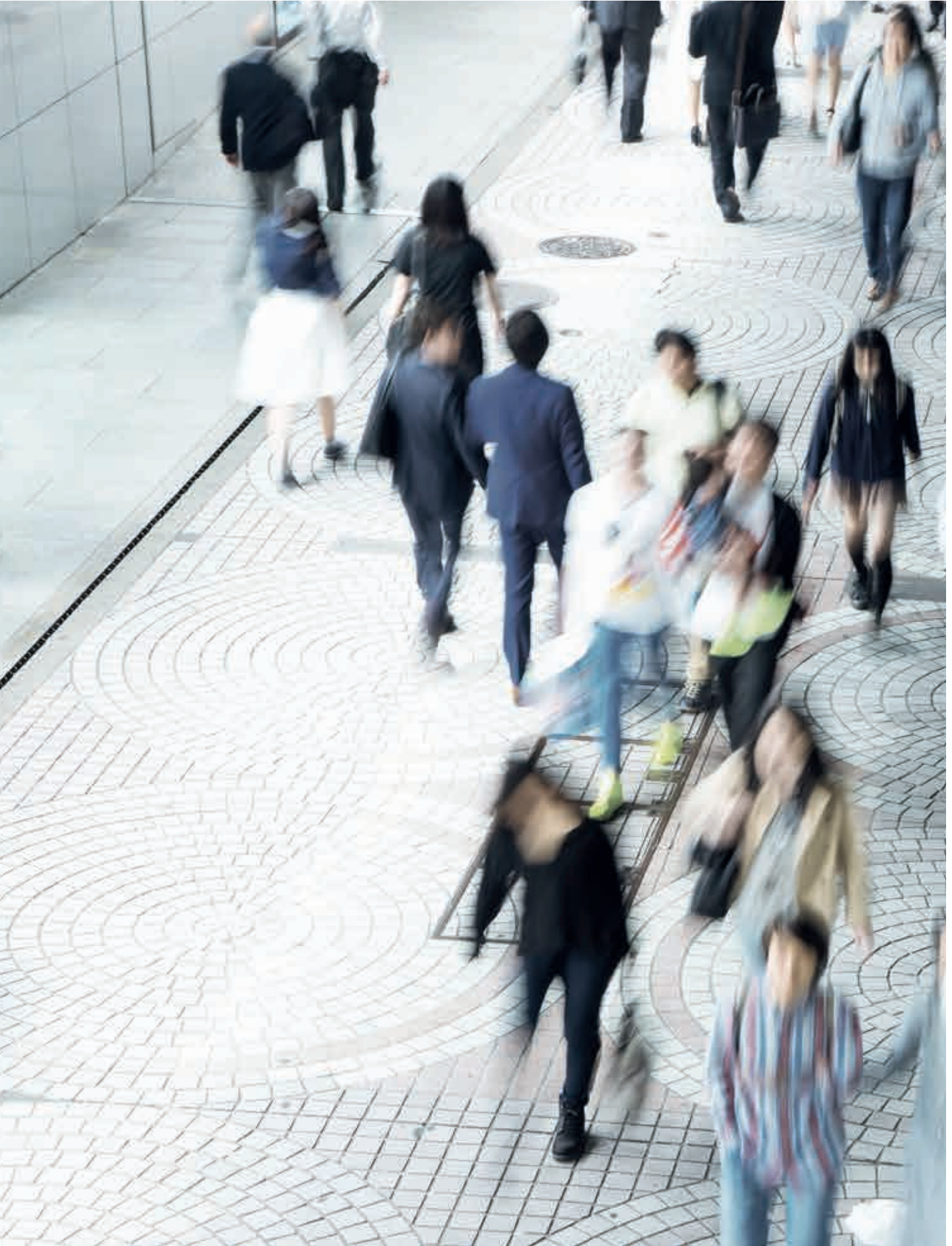
SIMPLE AND FAST ASSEMBLY

The installation of the TSH system is simple and uncomplicated, only a hammer and the special TSH connecting elements are required.



1. Depending on the application, a channel made of polymer concrete or GRP will form the basis for the system.
2. The TSH die-cast gratings are placed on the drainage channel, a bolted connection or a locking system is not necessary.

3. The TSH slot attachment is fixed to the grate by hammering the connectors into the openings. Connectors are included in every TSH delivery.
4. Put the paving- it's done.



IMEA TSH TOPSLOT

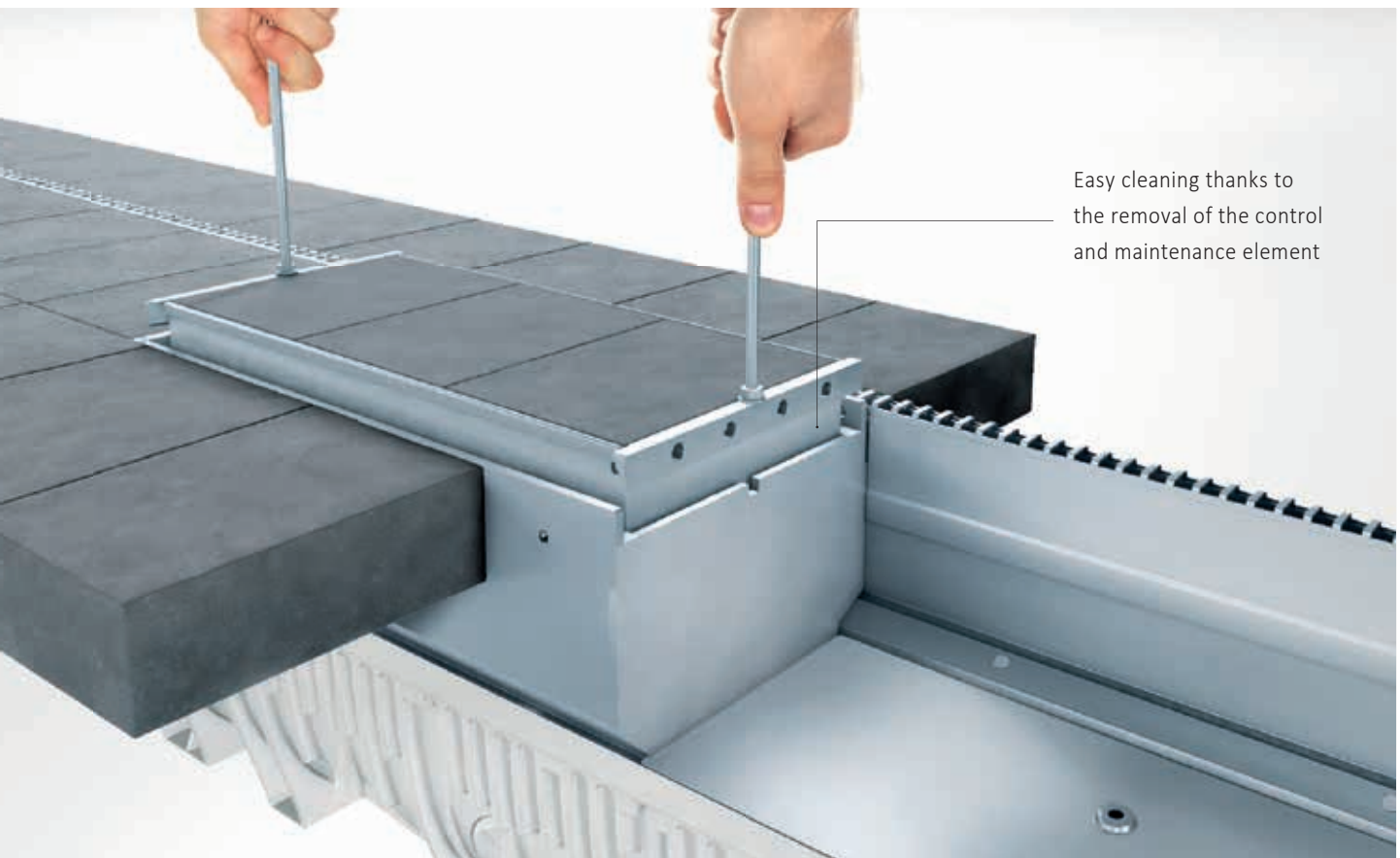
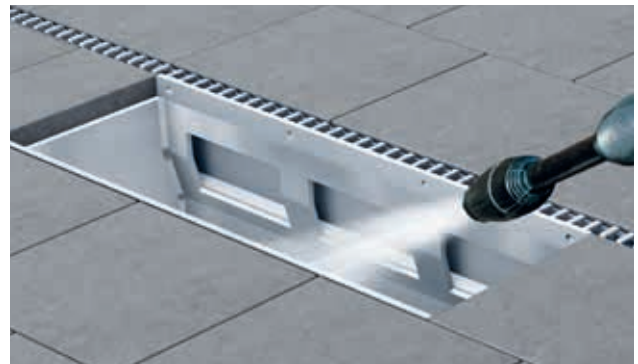
MAINTENANCE AND CARE CLEAR WIDTH 100 MM

Control and maintenance element with paving of the inner shell

For the opening and maintenance of the system 2 TSH opening tools are required.

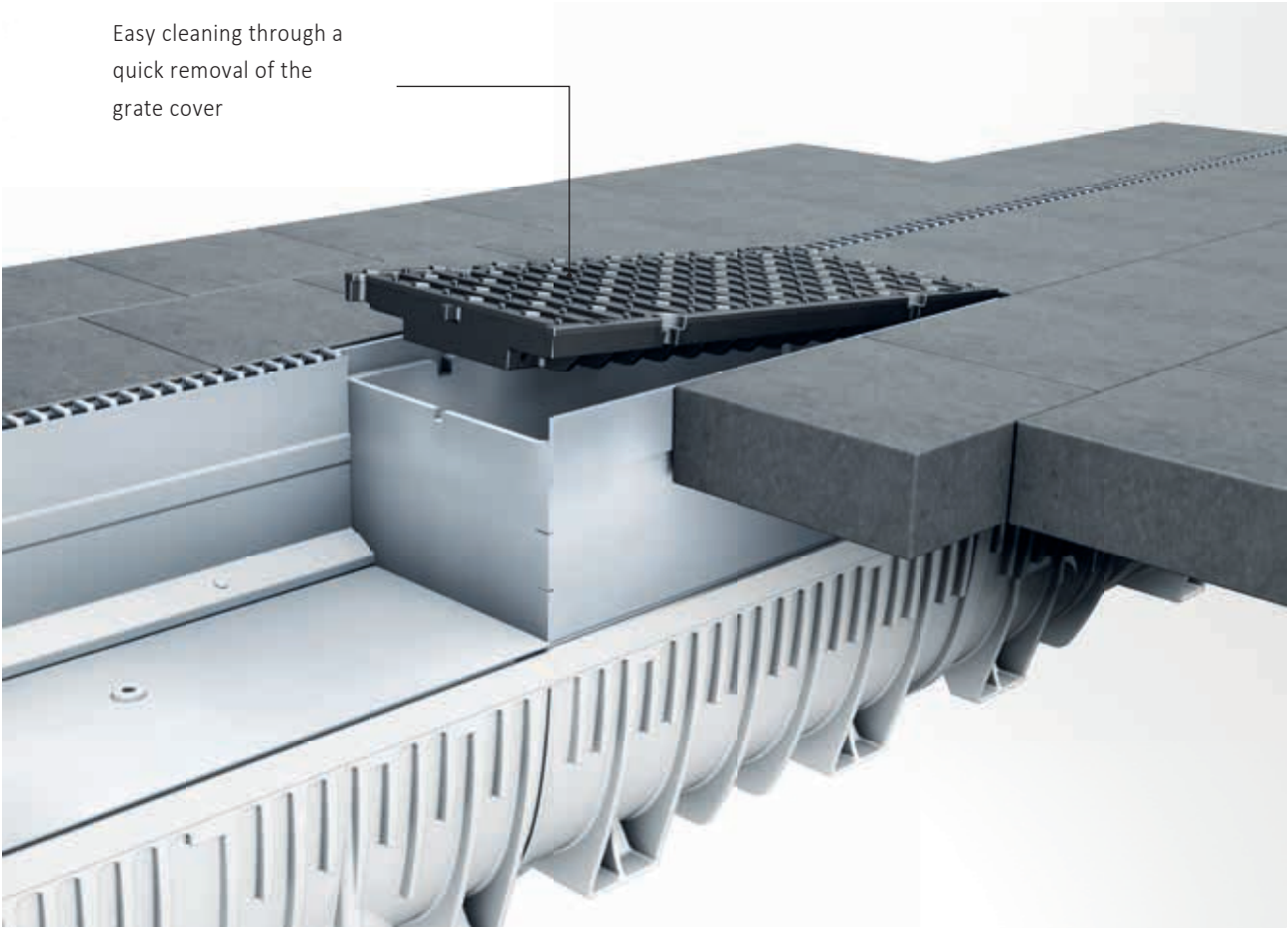
- > The control and maintenance element consists of an inner and outer shell. The inner shell is paved out. If an inlet box is provided in the application, the inspection element can of course be placed on top of it.
- > To open the inspection element, insert the opening tools into the prefabricated openings at the beginning and end and tighten them. Then lift the inner shell out of the outer shell using the tools.

- > The system can now be inspected or flushed. If the inspection part is mounted on an inlet box, the sediment bucket can be removed and cleaned.



Easy cleaning thanks to the removal of the control and maintenance element

Easy cleaning through a quick removal of the grate cover



ME A TSH TOPSLOT MAINTENANCE AND CARE CLEAR WIDTHS 150, 200 MM AND WIDER

Inspection element with grating cover

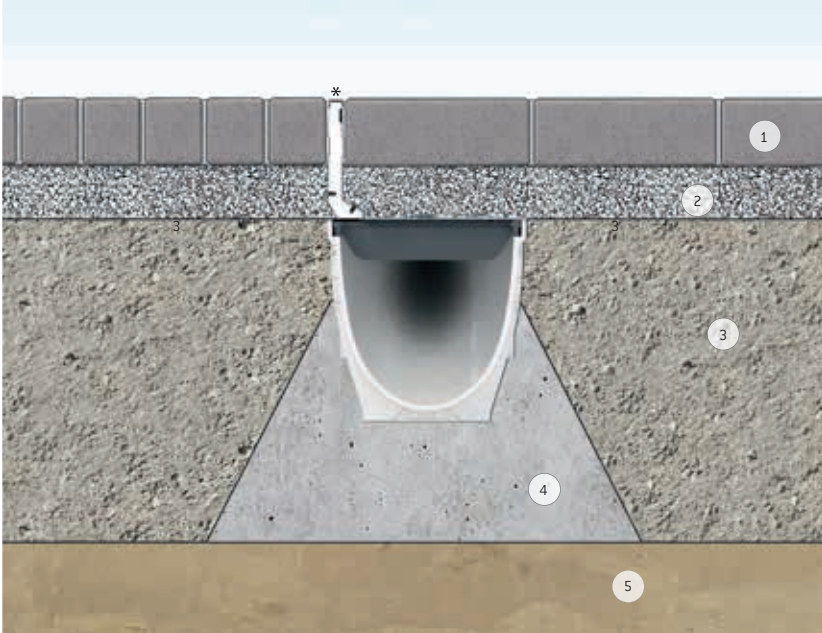
Ratchet wrench or a normal screwdriver is required to open and maintain the system, depending on the grating protection.

- > The one-piece control and maintenance element is covered with a die-cast grating from the standard product range. If an inlet box is provided in the application, the inspection element can of course be placed on top of it.
- > Removal of the grate:
Loosen the bolted fixation (4 bolts) with a 16 mm socket wrench and then remove the grating
- > The system can now be inspected or flushed. If the inspection part is mounted on an inlet box, the sediment bucket can be removed and cleaned.



INSTALLATION INFORMATION

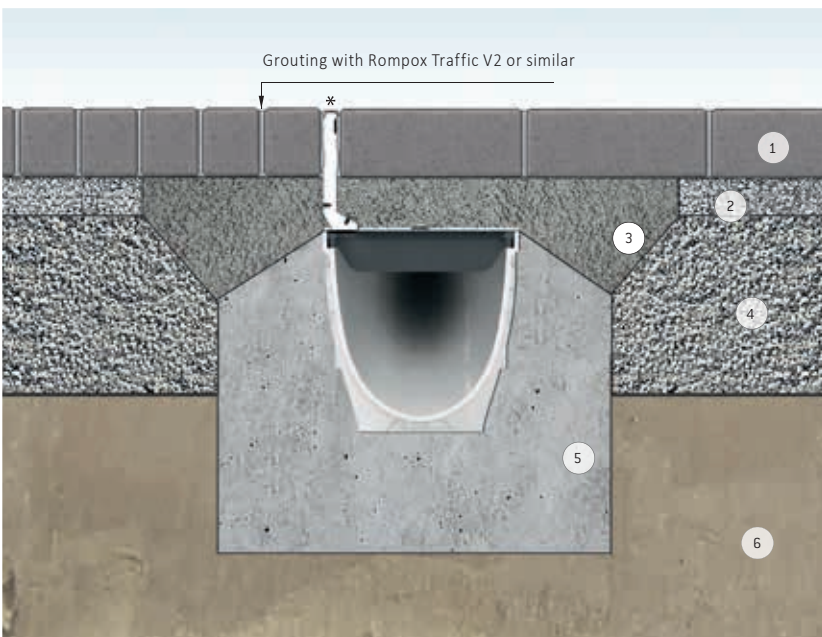
MEA TSH TOPSLOT installation example for loading class A 15



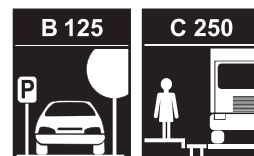
- 1- Paving or pavement
- 2- Paving bed
- 3- Paved base layer
- 4- Concrete C12/15
- 5- Grown soil



MEA TSH TOPSLOT installation example for loading classes B 125 and C 250

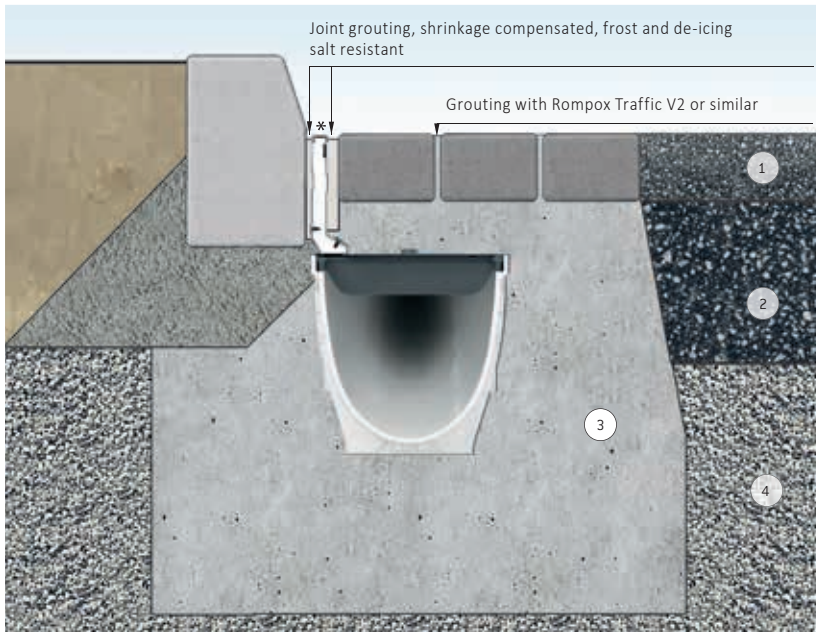


- 1- Paving or pavement
- 2- Paving bed
- 3- Mortar bed paving
- 4- Gravel/gravel base layer
Design according to RStO
- 5- Concrete C20/25
- 6- Grown soil

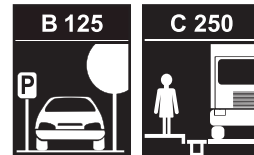


* The webs of the inlet slots must be 3-5 mm below the edge of the paving.

MEA TSH TOPSLOT installation example for loading classes B 125 and C 250



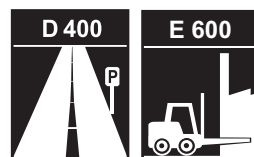
- 1- Asphalt surface layer
- 2- Asphalt base layer
- 3- Concrete C20/25
- 4- Gravel/gravel base layer
Design according to RStO



MEA TSH TOPSLOT installation example for loading class D 400 and E 600



- 1- Slabbed surface
- 2- Paving bed
- 3- Concrete paving bed C25/30
Reinforcement according to static requirements
- 4- Gravel/gravel base layer
Design according to RStO



* The webs of the inlet slots must be 3-5 mm below the edge of the paving.

IMEA TSL TOPSLOT

FOR CHANNEL BODIES MADE OF GRP AND DRAINAGE SYSTEMS MADE OF POLYMER CONCRETE AND METAL



* Odour trap optional available

PRODUCT ADVANTAGES

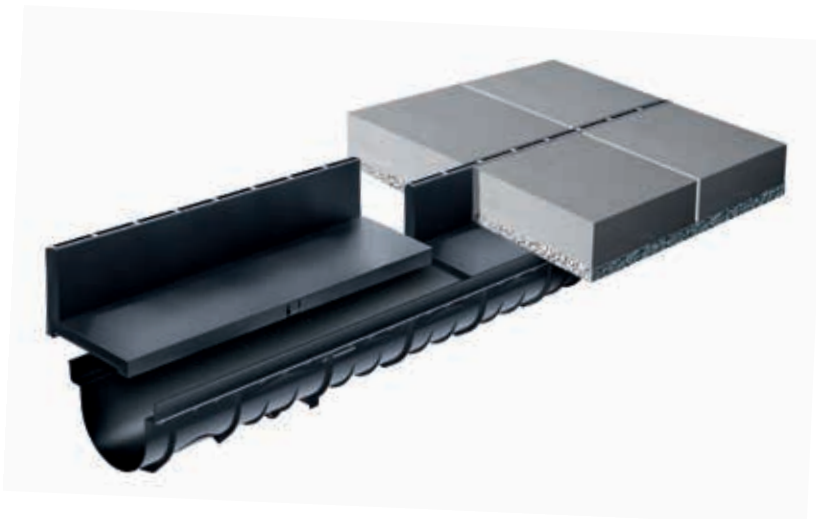
- > Topslot lateral made of galvanised or stainless steel
- > Covers all ranges of applications
- > Lengths: 500 and 1000 mm
- > Topslot for MEARIN PLUS/EXPERT, MEADRAIN S (clear width 100 mm), MEAHOME PLUS and MEATEC 130
- > Neck height: 110 mm
- > Loading class: B 125





IMEA TSC TOPSLOT

FOR CHANNEL BODIES MADE OF GRP AND DRAINAGE SYSTEMS MADE OF POLYMER CONCRETE AND METAL



PRODUCT ADVANTAGES

- > Topslot lateral made of plastic
- > Length: 500 mm
- > Topslot for MEARIN PLUS/EXPERT, MEADRAIN S (clear width 100 mm), and MEATEC 130
- > Neck height: 60 mm
- > Loading class: A 15



PEDESTRIAN AREAS



PUBLIC PLACES

IMEA TOPSLOT APPLICATION AREAS



INDUSTRIAL BUILDINGS

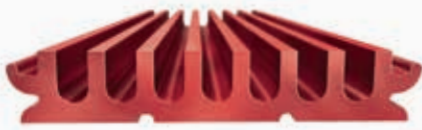


BARRIER-FREE BUILDING
REQUIREMENTS



STAIRS

THE ADDITIONAL PRODUCT PORTFOLIO OF MEA WATER MANAGEMENT



MEARIN PG EVO
Drainage solution for multi-storey car parks



MEATEC
Professional drainage system for facades and terraces



MEARIN
Ultra light high performance drainage system made of GRP (E 600)



MEADRAIN TRAFFIC
Professional drainage systems for streets and motorways



BUILDING SUCCESS

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Business unit MEA Water Management