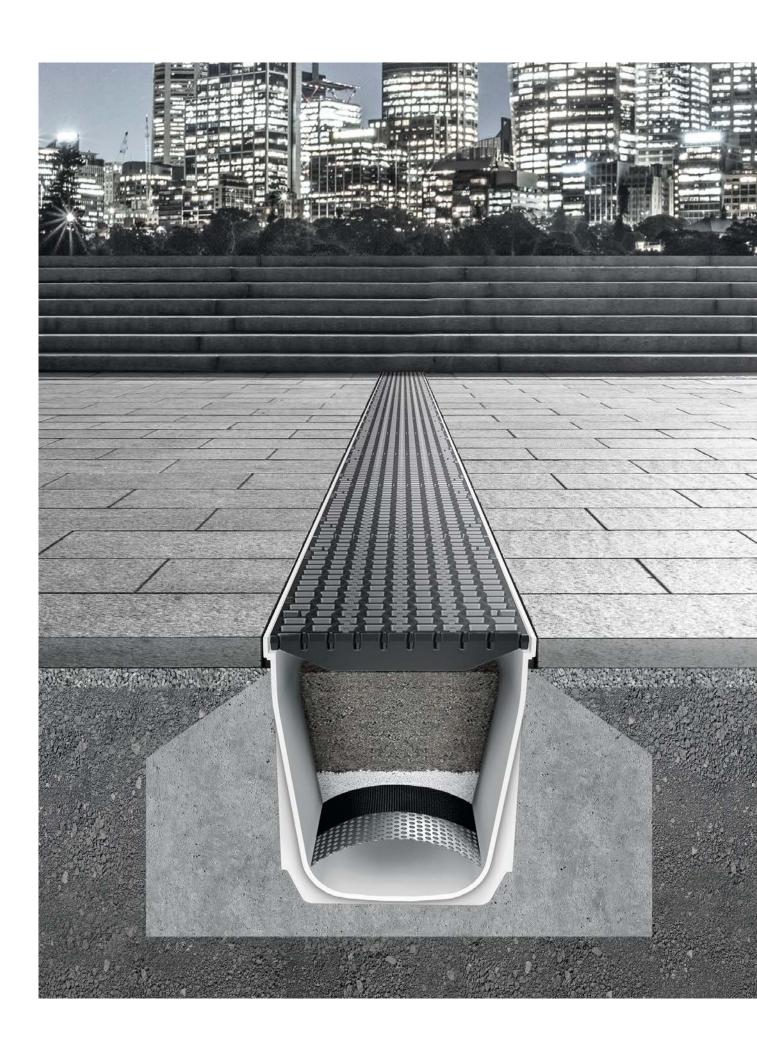
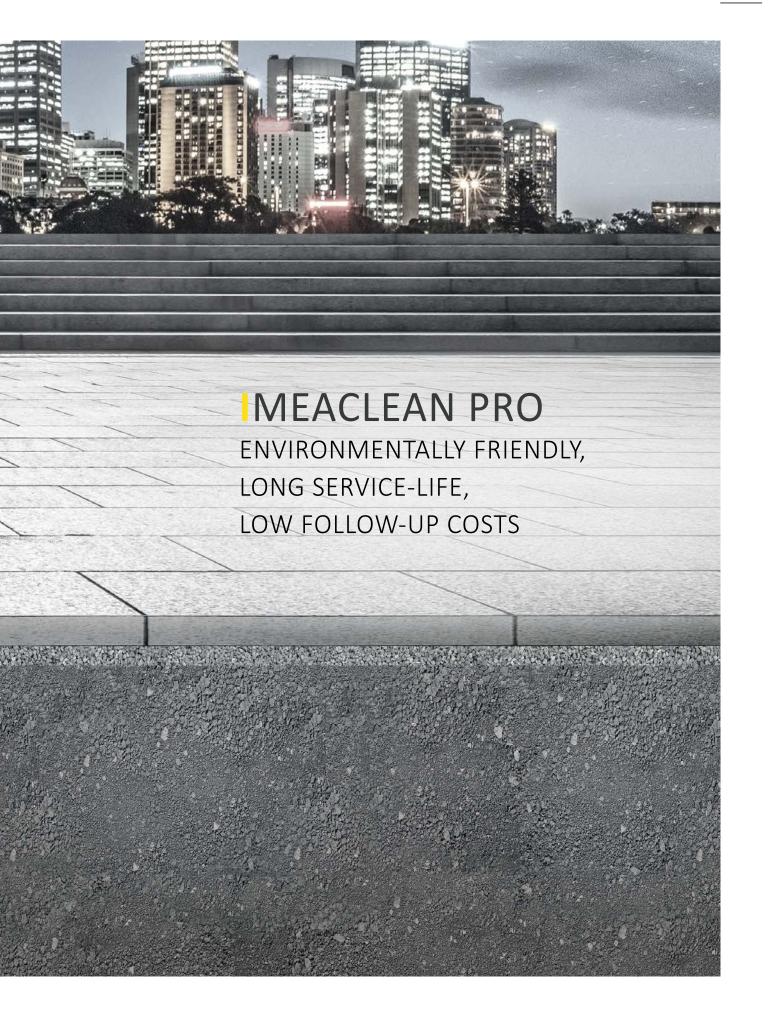




#### FULL-FLEDGED DRAINAGE AND RAIN WATER TREATMENT SYSTEM WITH SUBSTRATE TECHNOLOGY

PROFESSIONAL WATER TREATMENT SOLUTION COMBINED WITH EFFICIENT GRP LINE DRAINAGE





# IMEACLEAN PRO MULTI-LAYER SUBSTRATE TECHNOLOGY FOR THE DIRECT TREATMENT OF RAIN WATER

Sealed surfaces in cities and roads and the increasing need for decentralized rain water management solutions is becoming a major issue for local authorities, planners and construction companies.

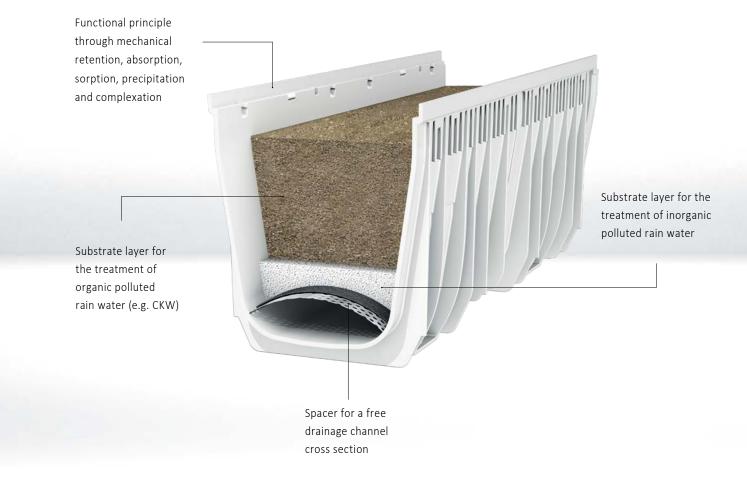
Climatic changes and the increased occurence of heavy rain events imply that accuring water on sealed surfaces needs to be removed safely and reliably. Sealed surfaces also increase the risk of polluting substances such as oils, heavy metals and fine particles to enter the drainage system in higher concentrations. It is therefore essential to offer solutions for decentralised rainwater treatment capable of filtering heavy pollution materials, chemical as well as inorganic and organic substances and releasing clean water into the natural water cycle.

MEACLEAN PRO is the innovative rainwater treatment and linear drainage system with integrated multistage substrate technology for filtering and binding organically and non-organically materials contained in rain water.

MEACLEAN PRO is the perfect and compact alternative for inhabited soil layers, especially in densely inhabited areas. The innovative multi layer substrate technology is thereby able to reliably bind over hydrocarbons, solids and 99% of the heavy metals. With their extremely long service life of over 25 years\* the MEACLEAN PRO is optimally designed for use in parking and traffic areas and for the private sector.

\* Data is based on the rainfall runoff from busy parking lots and defined filler materials





## **IMEACLEAN PRO**

#### SUSTAINABLE IRRIGATION

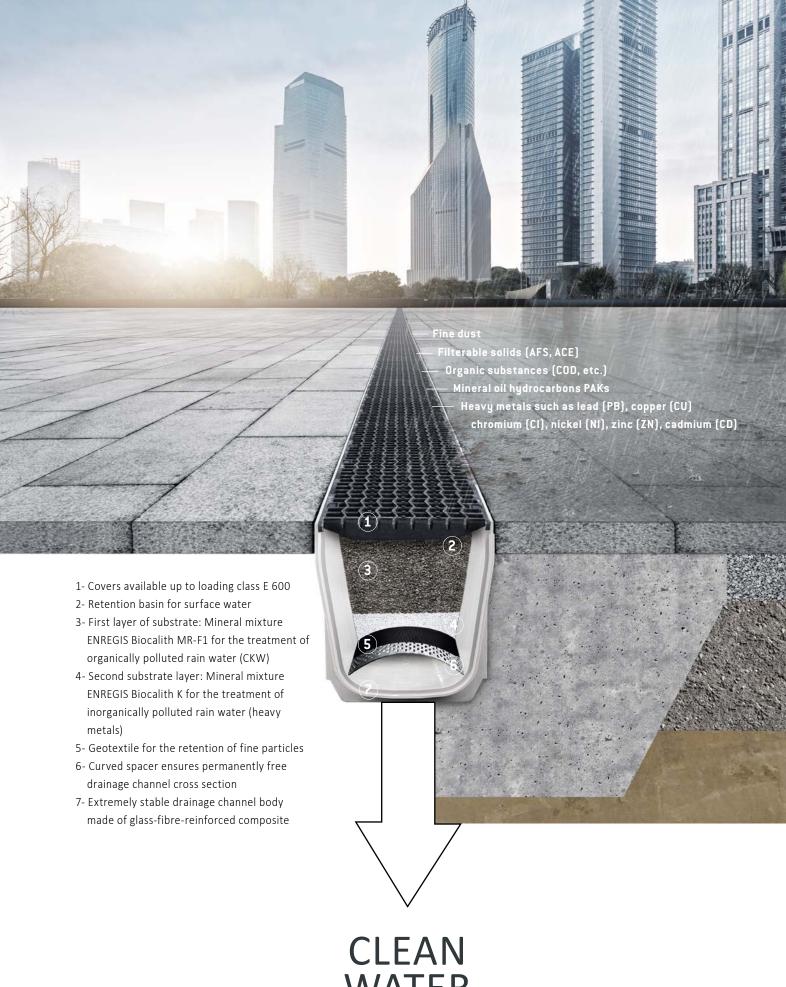
For applications in the private and public sectors, such as parks, parking lots, garage access roads.

Complete 1 meter long drainage channel made of high quality GRP

- > Available with a nominal diameter of 300 mm
- > Multi-stage filter technology for the treatment of polluted rain water
- > Substrate mixture made of ENREGIS Biocalith MR-F1/K
- > For connectable areas with an average size of 15 m<sup>2</sup> (With 100 l/s ha)

- > Spacer made of stainless steel pre-assembled for 1 meter extruded part
- > Wide range of channel covers in galvanised steel, stainless steel and ductile iron available
- > Space-saving compared to classic channel systems
- > Grating variants in galvanised steel and cast iron
- > With DIBt approval





## CLEAN WATER

### MEA GRP PREMIUM MATERIAL

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 not deform after curing, remaining 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.

All MEACLEAN PRO 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 consider-ably. Thereby, we rely on SMC technology, (Sheet Moulding Compound) - a composite of polyester resin, mineral filler materials, additives and fibre-glass mats.





## THE ADDITIONAL PRODUCT PORTFOLIO

#### OF MEA WATER MANAGEMENT







#### **MEADRAIN**

Ultra light-weight and durable professional drainage channels made of GRP (up to E 600)



**MEADRAIN TRAFFIC**Professional drainage systems for the streets and motorways



TOWN CENTRES AND PEDESTRIAN AREAS

## MEACLEAN PRO AREAS OF APPLICATION



GARDENING AND LANDSCAPING



ROADS AND CITIES

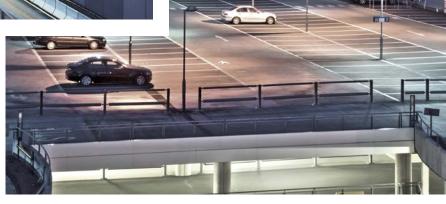


INDUSTRY AND LOGISTICS



HOME AND GARDEN





PARKING PLACES

