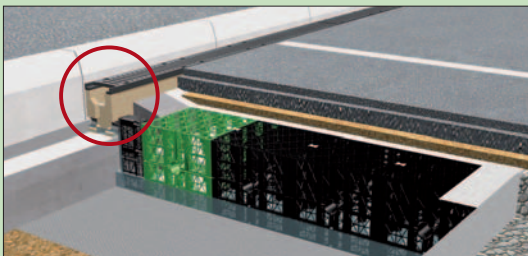
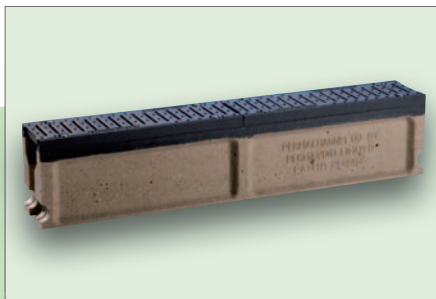


ENREGIS/Permachannel®

Combined channel system
with oil-seperation



- › integrated oil-seperator
- › easy to install
- › well defined accessories
- › multifunctional System:
in conjunction with
ENREGIS/Permavoid® and
ENREGIS/Permafilter® Biomat



ENREGIS/Permachannel® - Heavy-duty channel with integrated oil-seperator

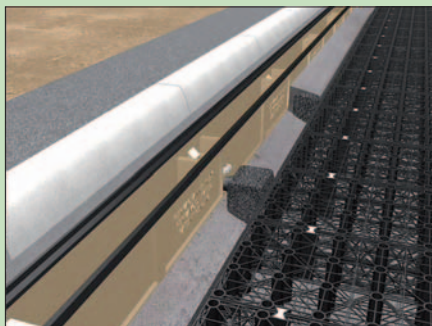
Developed as a system the **ENREGIS/Permachannel** is the ideal introduction channel for an infiltration system. Special intercoordinated hights of the single system components and matching connectors for introduction make the **ENREGIS/Permachannel** compatible for the usage with the **ENREGIS/Permavoid** and the **ENREGIS/Permafilter** as a System.

Designed as a string de-watering system in public road construction it advantages can although be used for the construction of de-watering systems of large squares and parking areas.

The system has an integrated oil-seperator that protects the infiltration system from intrusion of oil and its residues.

The uncomplicated installation complemented by a well structured programm of accessories ensure a good workflow in design and accomplishment of complex projects.

The system can be enhanced by the use of **ENREGIS/Biomat** and **ENREGIS/Permafilter**. Thus guarantees safety in applications with more expected pollution of the rainwater by hydrocarbons or oil and its residues.



Oil-Stop System

A big problem in applications of dewatering roads, public places and parking areas is the contamination caused by cars. With the patent-registered **ENREGIS/Oil-Stop-System** we provide an adequate solution.

The first treatmentstate is the integrated oil-seperator of the **ENREGIS/Permachannel** that contains rough pollution before they can reach the infiltration system. In a second step oil residues that reached the system during a stormwater event are absorbed.

The infiltration elements used for this are equipped with a geotextile that absorbs oil and its residues within the system and remove them by biodegradation. The patent registered honeycomb-structure of the **ENREGIS/Biomat** Geo Fleece supports the degradation of oil residues by offering an optimized habitat for bacterial life forms that are responsible for this aerobic process.

In this way a sustainable protection of the groundwater against pollution is guaranteed.

For more Informations see our detailed documentation of groundwater protection.



Data and Facts

Product Name
ENREGIS/Permachannel®

Technical data

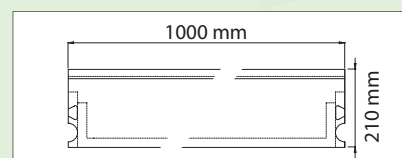
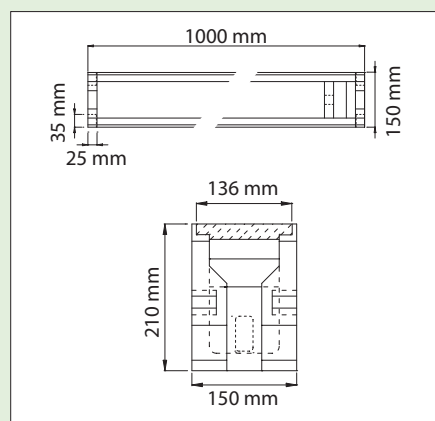
Dimensions (B x H x D mm) 150 x 210 x 1000
Material polymer concrete
Weight per unit (kg) ca. 29

Load capacity Truck accessible

Polymer concrete abilities:

Compressive Resistance (N/mm²) 96 - 104
Bending Strength (N/mm²) 15 - 22
Water absorption (%) ≤ 5
Chemical resistance The polymer concrete has a capillary-free, non-porous sealed structure, which makes it naturally resistant to most chemicals (i.e. petrol, oils, and acids).

Dimensions



Advantages

- rapid non-specialist installation
- integrated oil-seperator
- flexible usage
- well defined program of accessories
- optimised waterflow
- resistant to chemicals
- truck accessible