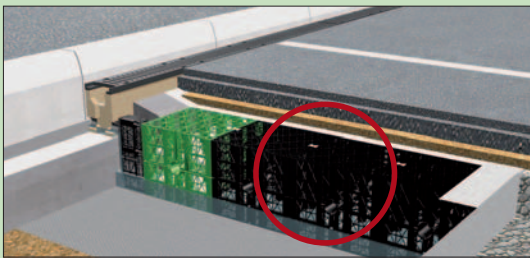
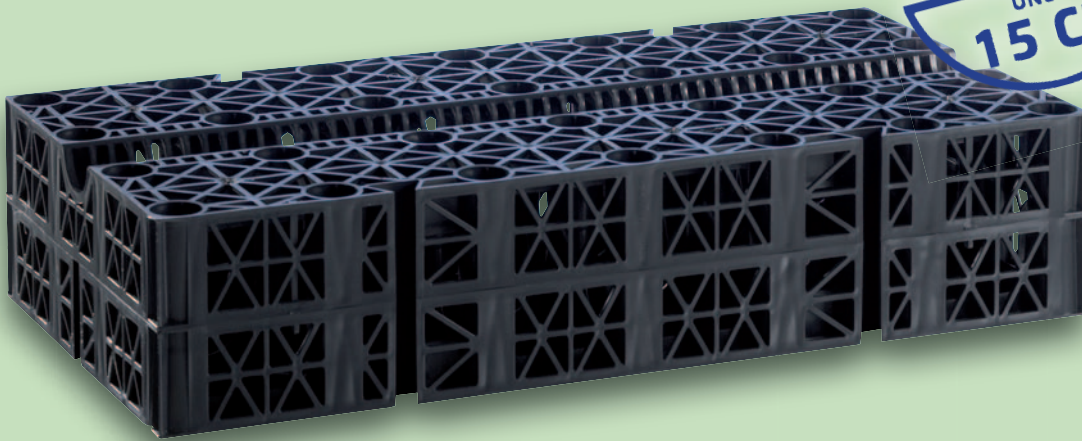
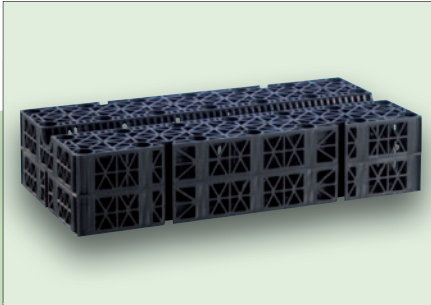


ENREGIS/Permavoid® 38

System solution for infiltration and de-watering in low depths



- › extreme load capacity
- › optimized for high groundwater levels
- › multifunctional System:
in conjunction with
ENREGIS/Permafilter® Biomat and
ENREGIS/Permachannel®



ENREGIS/Permavoid® 38 - allround power-pack

With its load capacity of more than 700 kN/qm the **ENREGIS/Permavoid** soaking and retention element is one of the most powerful systems of its kind (BS EN124:1994 controlled). Thus ensures a multi-purpose usage and predestines the system for applications in difficult situations.

With a minimal coverage depth of only 15 cm and a load capacity of SLW60 this system can be used as a drainage in multi-storey garages or huge parking areas, without the need of expensive excavation. Even in areas where the groundwater is found in low depths the usage of such a special system is necessary. On the one hand it ensures a truck-accessibility with minimal earth coverage, on the other hand an **ENREGIS/Permavoid** built system has a huge base area because of its minimal height.

The extreme load capacity of the system makes the usage in high depths possible. This is especially interesting in areas where the ground is only in deeper layers permeable to water. In those situations the **ENREGIS/Permavoid** is able to withstand pressures up to depths of 5 meters and below to make an infiltration possible.



Picture: ENREGIS/Permavoid system. Truck accessible with only 15 cm earth coverage.



Picture: Optimized hydraulic abilities and well defined flow of water in an ENREGIS/Permavoid infiltration system.

High quality standards

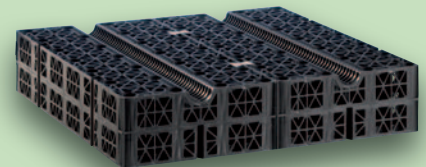
- constant control of the raw-material by taking samples and analysing its composition
- constant control of the finished product by taking samples of the running production
- European Engineering/Production

This leads to a very high quality standard. This, in combination with an excellent designed static, ensures to meet highest demands.

Multi-Purposal-Usage

The possible applications reach from ground base drainage vertical layer separation, infiltration in high depths, de-watering to usage in botany applications where tree-areas can be watered through the system.

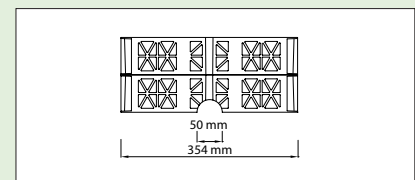
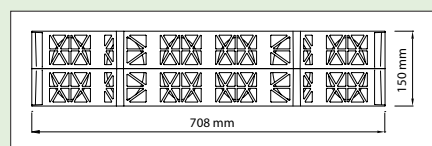
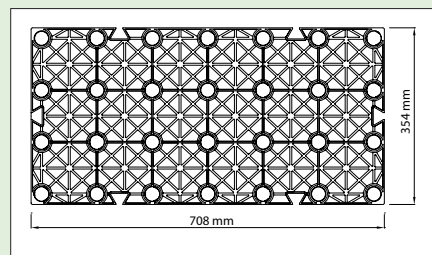
One of the modern application fields is the usage with **ENREGIS/Biocolith** filter masse inside the system. Contact us for more informations.



Data and Facts

Product Name	
ENREGIS/Permavoid® 38	
Technical data	
Dimensions (B x H x D mm)	354 x 150 x 708
Storage capacity gross (L)	38
Storage capacity (%)	ca. 95
Material	polypropylene
Weight per unit (kg)	approx. 3
Weight per m³ (kg)	approx. 80
Load capacity/minimal installation depth (earthcoverage)* (m)	up to 715 kN/m² heavy duty
walkable	min. 0,15
Car-accessible	min. 0,15
Truck acc. SLW 30	min. 0,15
Truck acc. SLW 60	min. 0,15
Max. earthcoverage* (m)	4,85
Max layers (piece)	10
Max. depth* (m)	up to 5,00, deeper levels on request
connection pipes (DN)	50 mm
Certificates/Tests	
Meets BS EN 124:1994 standards	

Dimensions



Advantages

- extreme high load capacity
- high storage capacity (appr. >95%)
- good base area/volume ratio <= 150 l/m²
- light weighted, appr. 3 kg per unit (80 kg per cubic meter)
- easy to install
- well defined program of accessories