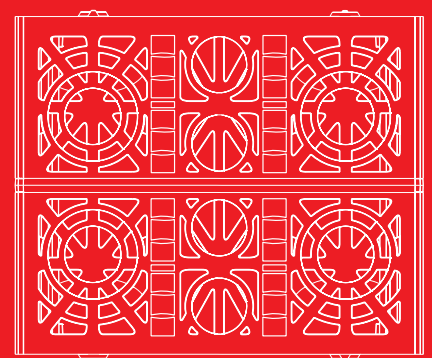
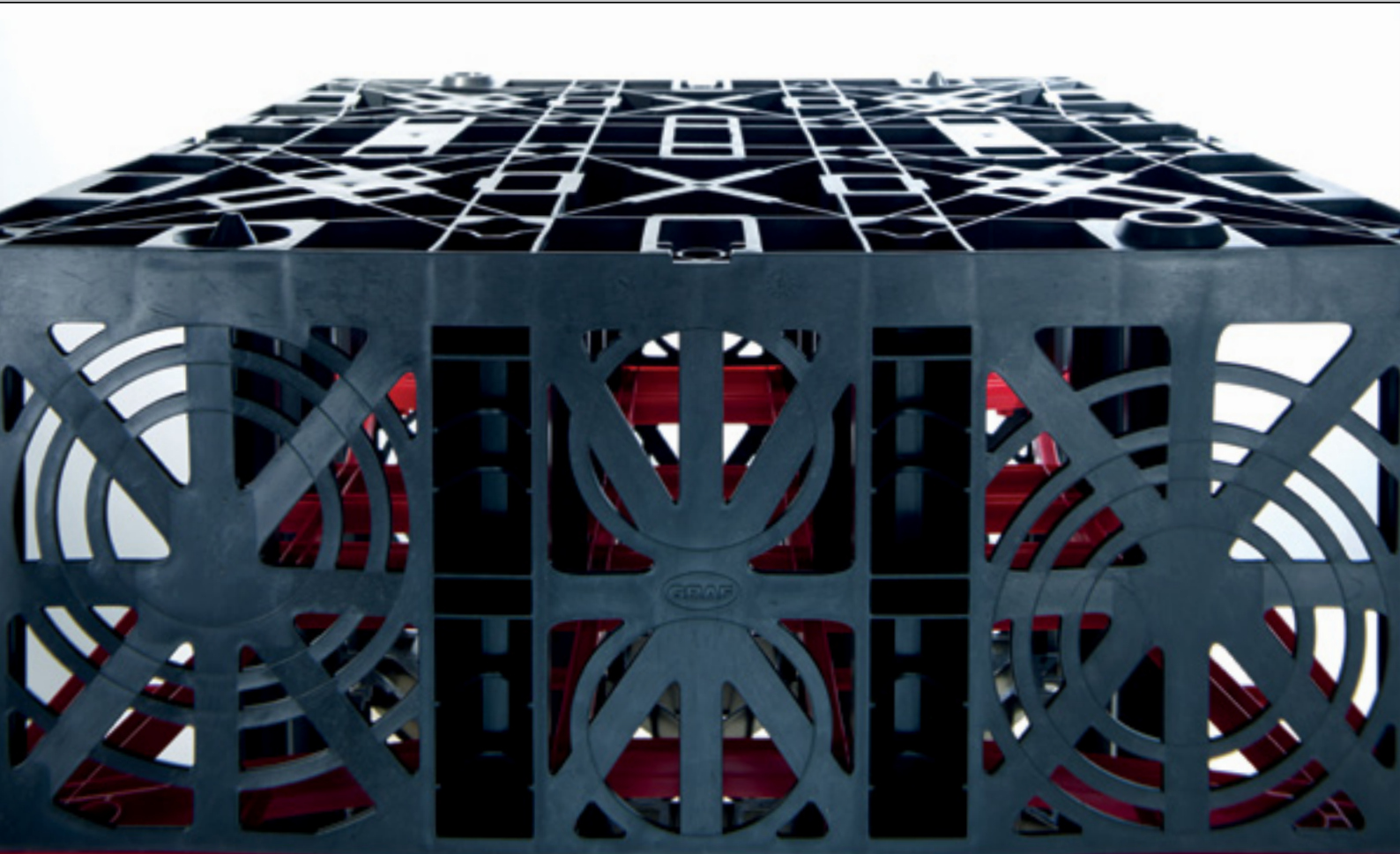




GRAF EcoBloc Inspect flex Stormwater management and Rainwater storage



GRAF EcoBloc Inspect flex

The third generation of GRAF infiltration and attenuation system



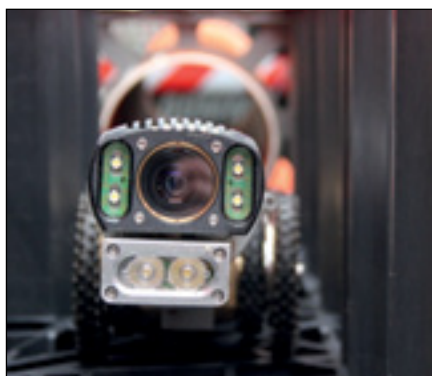
Twice the volume per truck

To save space during transport, two EcoBloc Inspect flex modules are stacked one inside the other. This halves transport costs and CO₂ emissions.



Easy to install

GRAF EcoBloc Inspect flex modules are easy to transport and install. The modular system structure requires few accessories.



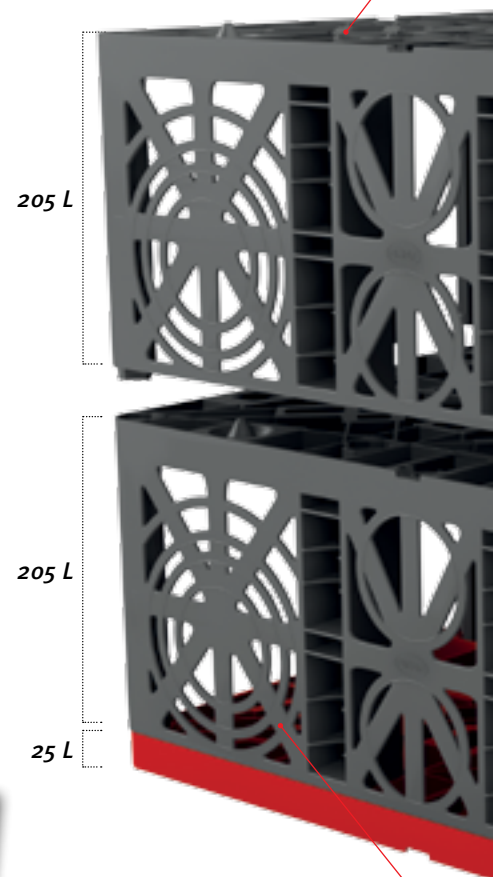
Easy to inspect

The standard inspection channel allows the entire percolation system to be effectively monitored. The ability of the EcoBloc Inspect system allow access by inspection cameras that are commonly found on the market. This has been confirmed, by several independent testing authorities.



Can be cleaned by high pressure jetting

GRAF EcoBloc Inspect system can be easily cleaned by high pressure jetting.



Highly flexible

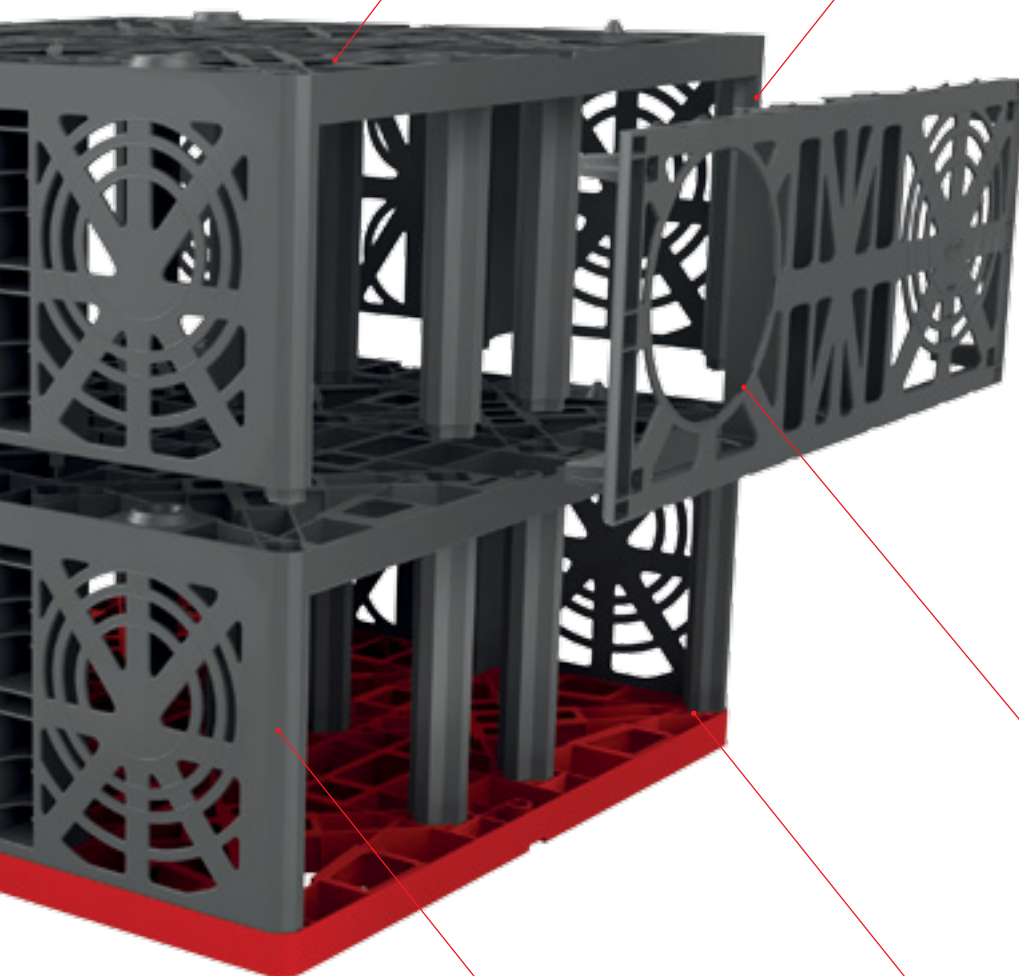
Each EcoBloc Inspect flex module has a volume of 205 l, a area of 800 x 800 mm and a height of 320 mm. The system size and load-bearing can be adjusted individually to suit requirements of traffic and of non-traffic area.

Lorry-bearing

The GRAF EcoBloc Inspect has a heavy-duty lorry-bearing capacity of 60 tons with a 800 mm earth covering.

Installation depth of up to 5 metres

Even under very heavy loads, GRAF EcoBloc Inspect system can be installed at a depth of up to 5 metres. This means that up to 14 layers are possible.



Connection up to DN 200

Large percolation volumes require large pipe cross-sections. This isn't a problem for GRAF EcoBloc Inspect: it has DN 100, 150 and 200 connections on all sides. DN 100 connections are positioned eccentrically at the side for complete deaeration.

Designed for decades of use

A durable product design ensures sustainability. Built to offer double safety, the GRAF EcoBloc Inspect is designed for a **service life of over 50 years.**

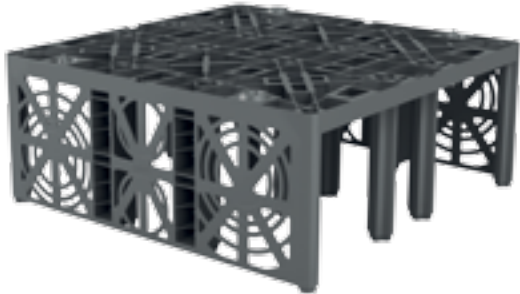
Universal use

For rainwater infiltration, retention or rainwater harvesting

High percolation rate

The GRAF EcoBloc Inspect system is designed to have high rate of percolation and barrier-free inspection.

The system at a glance

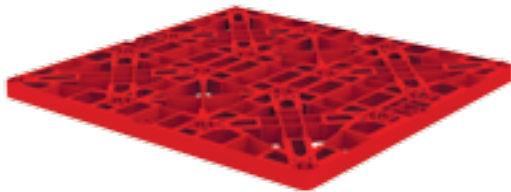


GRAF EcoBloc Inspect flex

For large storage volumes
DN 100/150/200 connecting faces

Volume [litres]	Length [mm]	Width [mm]	Height [mm]	Weight [kg]	Colour	Order no.
205	800	800	320	8	grey	402005

[Webcode G4105](#)

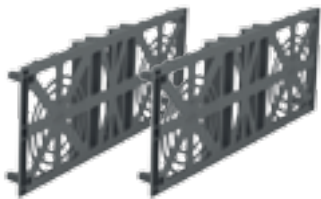


GRAF EcoBloc Inspect baseplate

Forms the foundation of the EcoBloc Inspect flex system

Volume [litres]	Length [mm]	Width [mm]	Height [mm]	Weight [kg]	Colour	Order no.
25	800	800	40	4	grey	402006

[Webcode G4106](#)



GRAF EcoBloc Inspect end plates

The front ends of an EcoBloc Inspect flex system are sealed with end plates
DN 100/150/200 contact surfaces

Item	Colour	Order no.
EcoBloc Inspect end plates (Set 2 units)	grey	402002

EcoBloc Inspect accessories

EcoBloc Inspect connectors

For horizontal connection



Order no. 402010	Set 4 units
Order no. 402015	Set 10 units
Order no. 402018	Set 25 units
Order no. 402020	Set 50 units
Order no. 402025	Set 200 units

Deaeration end

DN 100

Order no. 369017



GRAF-Tex geotextile

For an EcoBloc Inspect,
size of 2.50 x 2.50 m

Order no. 231006

Sold by the metre, roll width 5 m

Order no. 231002



Flexible, stackable, easy assembly

Benefits of the EcoBloc Inspect System



**DOUBLE STORAGE
VOLUME PER TRUCK**

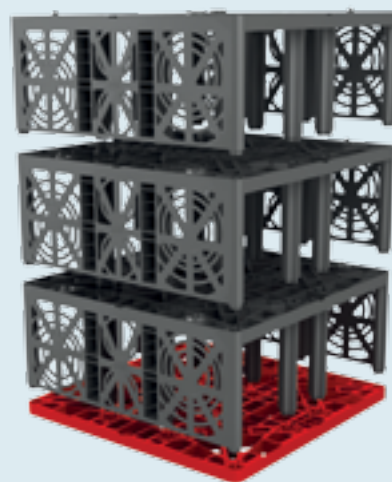


1. Stackable



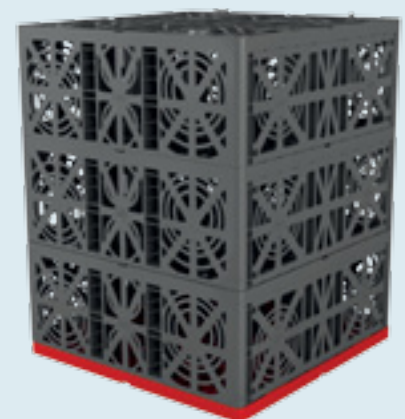
To save space during transport, two EcoBloc Inspect flex modules are stacked one inside the other. This halves transport costs and CO₂ emissions.

2. Easy assembly



The EcoBloc Inspect ground plate forms the foundations of the system. Up to 14 EcoBloc Inspect flex modules with a storage volume of 195 litres each can be fitted on one ground plate. The front ends are sealed with EcoBloc Inspect end plates.

3. Ready



The EcoBloc Inspect flex system can now be adjusted individually to suit the requirements and can be connected to DN 100, 150 or 200 pipes.



Benefits and application

**CAN HOLD 3 TIMES THE VOLUME OF
A CONVENTIONAL GRAVEL DITCH**



High storage volume

GRAF percolation modules have three times the storage volume of a standard gravel infiltration ditch. One module therefore takes the place of around 1300 kg of gravel or a 50 m drainage pipe.

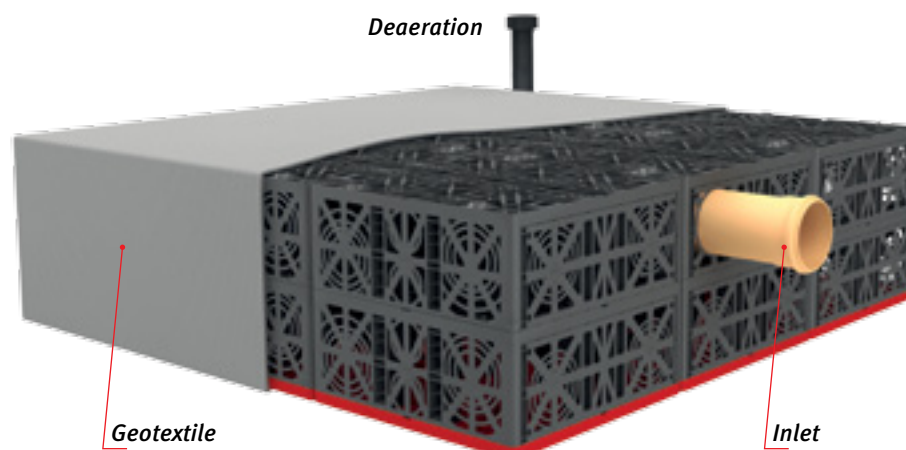
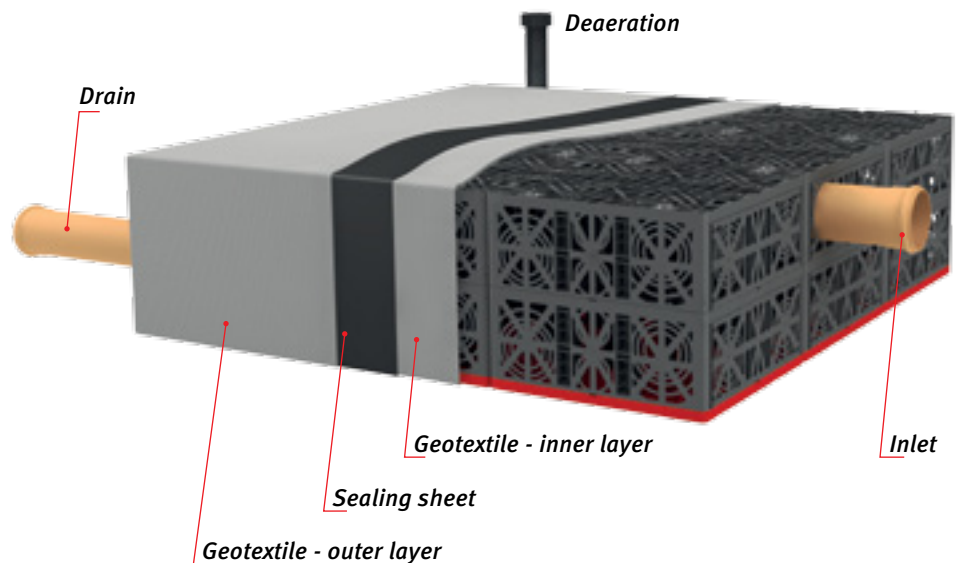
Since you don't have to excavate so much soil and enjoy great value for money compared with a standard gravel infiltration ditch, the GRAF modules save you hard-earned cash!

Easy to install

The modules are fitted simply, at speed and in various ways. They can be installed without heavy machinery – one EcoBloc Inspect flex module weighs just 8 kg.

Rain retention

The controlled discharge of rainwater is increasingly important during heavy rain. The GRAF EcoBloc Inspect is also surrounded by a sealing sheet, which prevents water from escaping from the system unchecked. Restricted drainage allows the water to be discharged into the sewage system in a controlled manner.



Rainwater percolation

Local percolation of rainwater is gaining in importance. As we cover over more and more ground with concrete, we are interrupting the natural water cycle. The GRAF EcoBloc Inspect combines environmental management of rainwater with the opportunity to protect against flooding. It stores rainwater and gradually releases it back into groundwater reserves.

Technical data

Load-bearing capacity and dimensions



Installation window

EcoBloc Inspect flex	Without traffic load	Vehicle	Lorry 12	Lorry 30	Lorry 40	Lorry 60
min. earth covering	250 mm	250 mm	500 mm	500 mm	500 mm	800 mm
max. earth covering	2750 mm	2750 mm	2750 mm	2500 mm	2250 mm	2000 mm
max. installation depth	5000 mm	5000 mm	5000 mm	5000 mm	5000 mm	5000 mm
max. number of layers	14	14	13	13	13	13

Technical data for EcoBloc Inspect flex

Weight	8 kg
Gross volume	205 L
Net volume	195 L
Storage coefficient	96%

Technical data for EcoBloc Inspect baseplate

Weight	4 kg
Gross volume	25 L
Net volume	20 L
Storage coefficient	95%



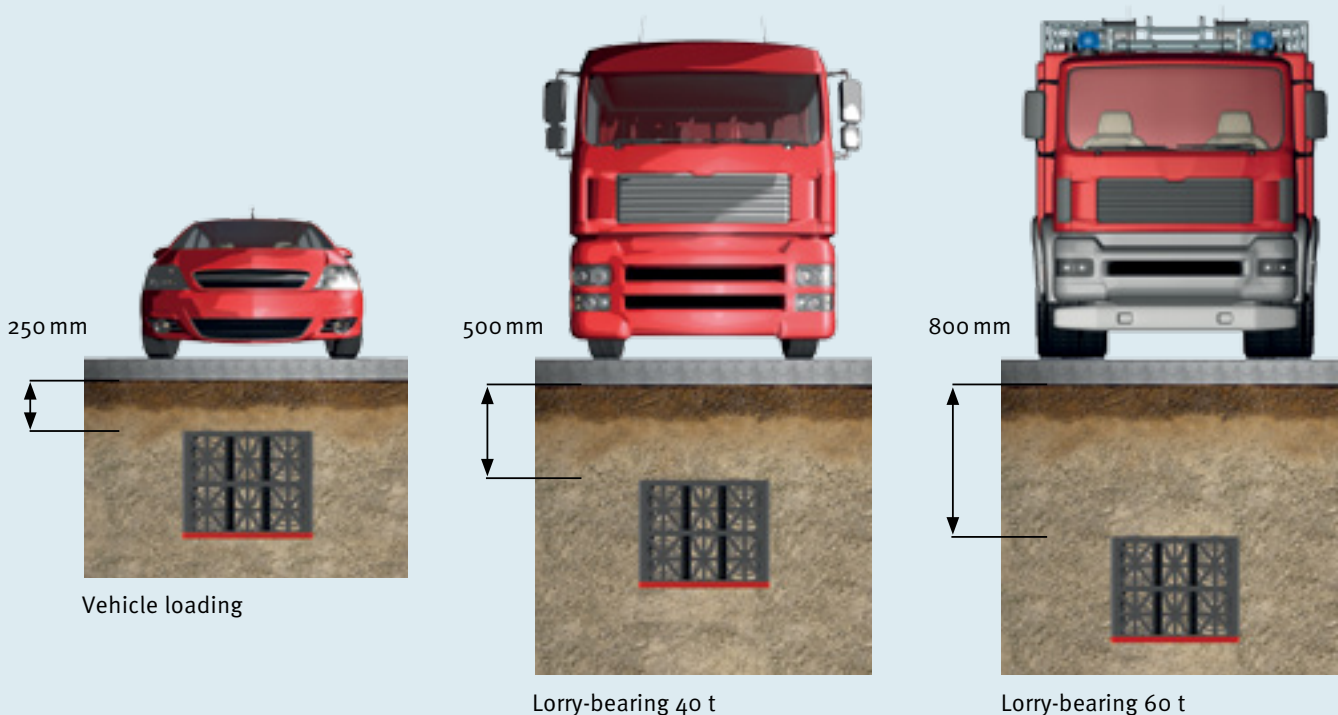
Percolating rainwater with GRAF EcoBloc Inspect

GRAF TV
www.graf.info

An EcoBloc Inspect system can be installed without any special tools or unreasonable effort. The video „Percolating rainwater with GRAF EcoBloc Inspect“ on GRAF TV provides a rough overview of how an EcoBloc infiltration ditch system works and is installed.

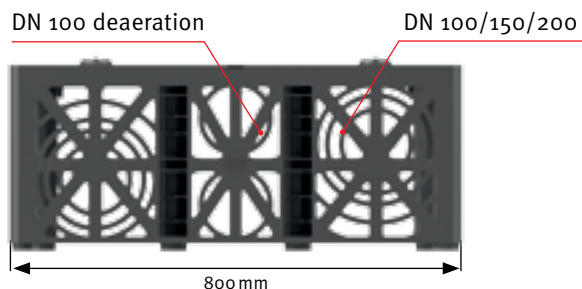
Load capacity

Short-term	max. 10 t/m ²
Long-term	max. 5 t/m ²

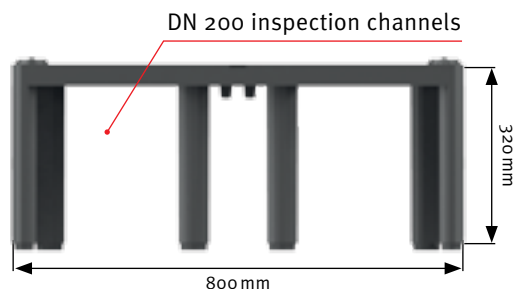


Technical data

Side view



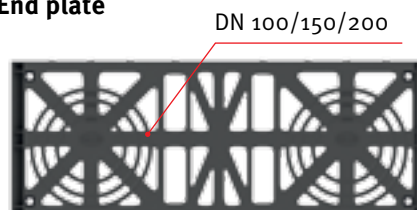
Front view



Baseplate



End plate



Rainwater harvesting solutions

For more information about our rainwater harvesting solutions, ask for our catalogue.



www.graf.info

RAINWATER HARVESTING



STORMWATER MANAGEMENT



WASTEWATER TREATMENT SOLUTIONS



MULTIPURPOSE CONTAINERS



Prices:

A price list with our export conditions is available on request.

Warranty clause:

The warranty mentioned in this brochure only refers to the tank in question and not to the accessories. Within the warranty period we grant free replacement of the material. Further benefits are excluded. Pre-condition for warranty benefits are proper handling, assembly and installation according to the mounting guidelines.

N.B. Protect tanks from frost when installed above-ground! In case of groundwater installation, please contact us for further information previous to the purchase!

For all indications of measurements in this brochure we reserve a tolerance of +/- 3%. The useful volume of the tanks may be up to 10% lower than the tank capacity, according to the connecting option.

Technical modifications and further development of the different products are subject to change. Errors excepted.

For all our offers and conclusions of contract are only valid our General Terms and Conditions of Business dated 01/10/2012 which we will send to you on request.