



NEW!

SX AND THE CITY

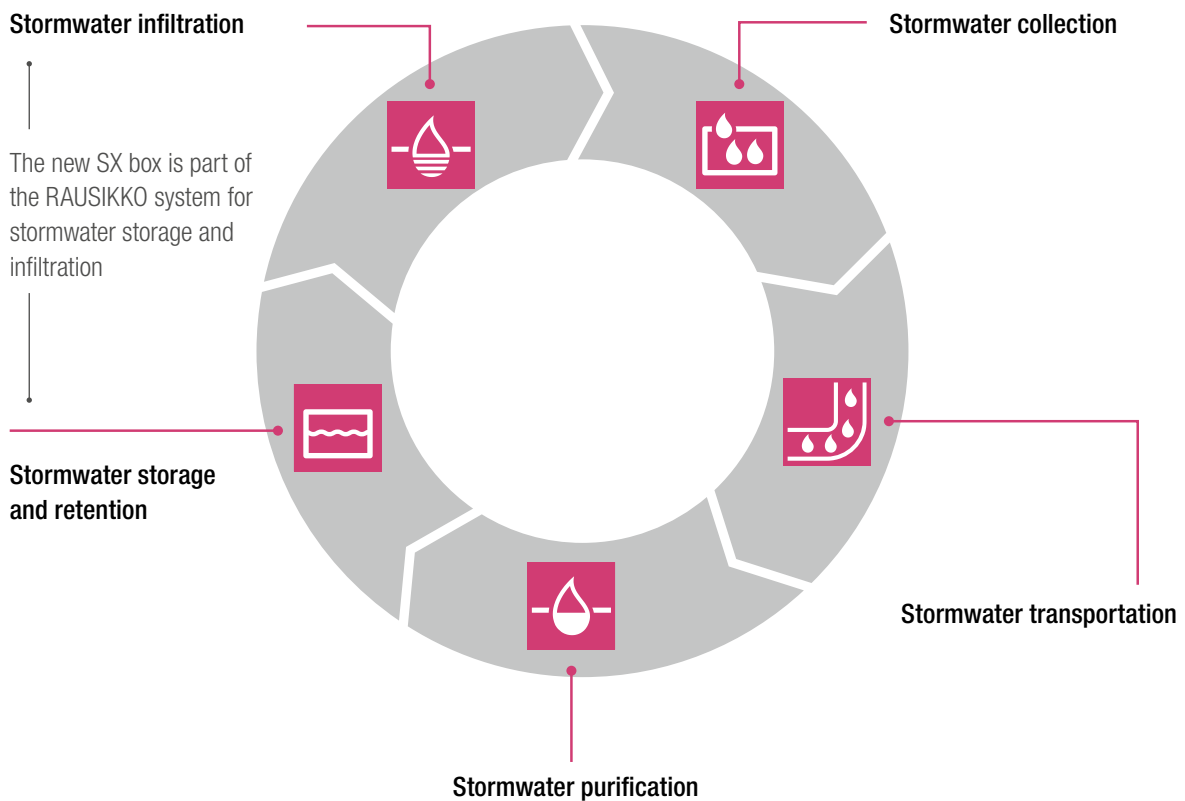
Stormwater management with RAUSIKKO Box SX

OUR SOLUTION FOR ALL APPLICATIONS

RAUSIKKO Box SX – the new module for RAUSIKKO Solution

Alleviate sewer systems, avoid enlarging sewers, prevent flooding, reduce discharges – there is a lot to be said for a safe, sustainable and economical stormwater management system. Our RAUSIKKO modular system gives you everything you need. The RAUSIKKO Box SX adds a modular, easy to install gravel trench box to the RAUSIKKO family. It is compatible with all other components in the system and allows underground gravel trenches to be built, even where space is limited and there are installation restrictions. Our comprehensive service is available to support you in every respect.

RAUSIKKO Solution – the complete range for stormwater management



MODULAR RANGE

Every project is unique. This is why RAUSIKKO is a highly modular product kit. RAUSIKKO components always fit together and can be combined perfectly with each other. RAUSIKKO Solution covers all your potential applications in stormwater management.

100% FREE SERVICE

At REHAU, we are not just a one-stop supplier for components – we also offer comprehensive advice at every stage in your building project, from preliminary design to on-site support.

THE PERFECT SPACE-SAVING SOLUTION IN TOWNS

Maximum reservoir with minimum storage space requirement

75 % LESS STORAGE SPACE

The RAUSIKKO Box SX solves all your problems on site where space is at a premium, such as in inner-city areas. All the box elements are supplied stacked inside each other and occupy minimal space when stored on site until they are required. This means only one truck arrives on site instead of four.



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>14 m³ STORAGE VOLUME PER PALLET



As the box elements can be stacked, a double pallet can contain a storage volume of more than 14 cubic metres of stormwater.



A 30 m² storage space corresponds to a water volume of 345 m³

With just one delivery, you can have a storage volume of 345 cubic metres of stormwater.

100 % QUICK CONNECTION

The boxes have a short assembly time due to the low space requirement, simple handling and EasyClick connectors – and with integral catches, they can be easily and quickly stacked and fixed to form multi-layer gravel trenches without the need for additional connectors or other accessories.

96 % STORAGE VOLUMES

In spite of the low space requirements, you benefit from a high storage volume: the RAUSIKKO Box SX can store up to 960 litres of stormwater in 1 m³.

CAN WITHSTAND LOADS UP TO SLW 60

The RAUSIKKO Box SX gives you a gravel trench box with an extremely high load-bearing capacity. It has been designed for heavy goods vehicle traffic with an overall load of up to 60 tonnes and can be installed at base depths of up to four metres.

100 % CAMERA ACCESS

Each box has two parallel inspection channels and can therefore be fully inspected to carry out regular maintenance on the units.

INSTALLATION IS SO SIMPLE

Installing the RAUSIKKO Box SX is just a click away!

No
connecting
clips required

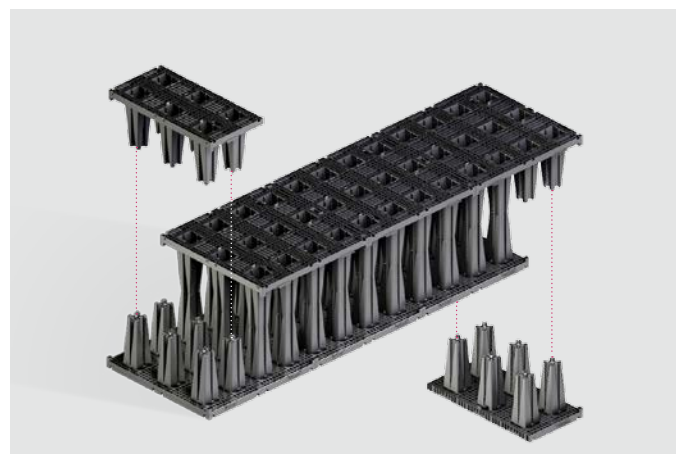


Everything in one load

The RAUSIKKO Box SX comprises half-elements which can be stored on a pallet on site, requiring very little storage space. Once the box has been lowered into the trench, it becomes a one man job: each element weighs less than 10 kg, so the gravel trench can be assembled by just one person. There are no additional costs for a crane or driver for further assembly, and it is quicker.

Two become one

The RAUSIKKO Box SX is easily assembled in no time at all. To make the higher option, just place two similar parts on top of each other and the box is complete. For the lower option, simply place the cover plate on the half-element. Finished.



Line it up – centre it – lock it into place

Assembly is that easy thanks to the three-stage, self-centring EasyClick catches and their centring pins, which ensure the load carrying elements are precisely positioned.

Even more durable due to composite construction

The box can be installed offset, which provides an even more stable assembly and improves the gravel trench's stability when backfilling.

DIRT IN – DIRT OUT AGAIN

Maximum safety: from inspection to cleaning

100 % camera access

With two inspection channels, the condition of installed RAUSIKKO SX boxes can be easily checked using a camera. The open internal structure with narrow X-shaped supporting columns and the two inspection channels allow a wide view to all sides.

Cleaning for a long-lasting gravel trench

Inspecting is only half the story. Once there is dirt in the gravel trench, it is difficult to remove. High-pressure rinsing processes distribute the sediment throughout the gravel trench and force it into the non-woven material. The gravel trench's performance decreases. This is not the case with the cleaning channels in our RAUSIKKO Box SC. Dirt and sediment collect in the cleaning channels and are then removed from the gravel trench through high-pressure rinsing.

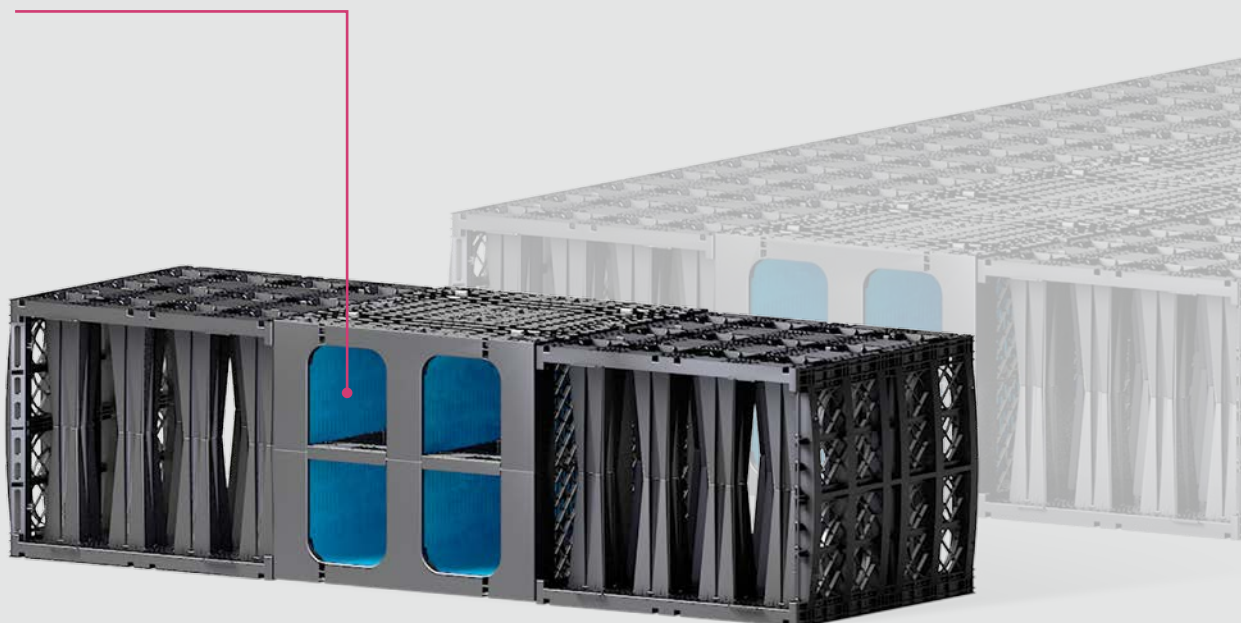
See for yourself: www.rehau.de/spuelvideo

Our new Volumenbox SX is a perfect match to the Functionbox SC – and a service life of 50 years or more is a given for these units. The service life can be extended even further by using upstream cleaning elements such as the RAUSIKKO HydroClean and RAUSIKKO HydroMaxx.



Stormwater purification

One-of-a-kind:
the blue cleaning channel!



PRODUCT RANGE

RAUSIKKO Box SX

DIBt approval in progress



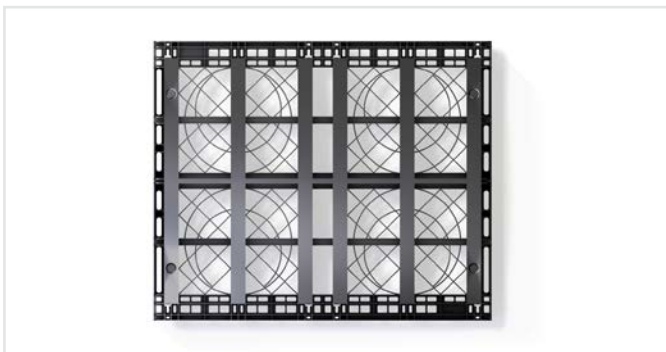
Type	RAUSIKKO base element SX
Dimensions L x W x H [mm]	800 x 800 x 330
Material	PP (black)
Function	Base element with camera access
Packaging	34 units/pallet
Mat. no.	16082051083
EUR/unit	53.00

Type	RAUSIKKO Cover plate 8.3 SX
Dimensions LxWxH [mm]	800 x 800 x 45
Material	PP (black)
Function	Upper cover
Packaging	50 units/pallet
Mat. no.	16082171083
EUR/unit	26.00

Choose your own combinations!

One SX 8.6 box comprises 2 x RAUSIKKO base elements SX;
storage volume: 406 litres

A half height SX 8.3 box comprises 1 x RAUSIKKO base element SX and 1 x cover plate SX;
storage volume: 217 litres



Type	RAUSIKKO side panels 8.6 SX
Dimensions L x W x H [mm]	800 x 660 x 60
Material	PP (black)
Function	Side closures
Packaging	38 units/pallet
Mat. no.	16082151086
EUR/unit	24.50

Type	RAUSIKKO side panels 8.3 SX
Dimensions L x W x H [mm]	800 x 330 x 60
Material	PP (black)
Function	Side closures
Packaging	76 units/pallet
Mat. no.	16082161083
EUR/unit	12.50

PRODUCT RANGE

RAUSIKKO Box system accessories

Deutsches
Institut
für
Bautechnik

DIBt



Type	RAUSIKKO Box 8.6 SC
Dimensions L x W x H [mm]	800 x 800 x 660
Storage volume	400 litres
Design	With cleaning channel (250 mm) and camera access
Mat. no.	14138601086
Packaging	4 units/pallet
EUR/unit	137.00



Type	RAUSIKKO Box 8.3 SC
Dimensions L x W x H [mm]	800 x 800 x 360
Storage volume	213 litres
Design	With cleaning channel (250 mm) and camera access
Mat. no.	14138801083
Packaging	8 units/pallet
EUR/unit	87.00



Type	Front panel SC
Dimensions L x W x H [mm]	280 x 250 x 30
Material	PP (black)
Function	Side closures
Mat. no.	14139101001
Packaging unit	pc
EUR/unit	5.00



Type	DN200 / DN250
Function	Side inlet/outlet
Mat. no.	
DN200	14139201200
DN250	14155401250
Packaging unit	pc
EUR/unit	9.50

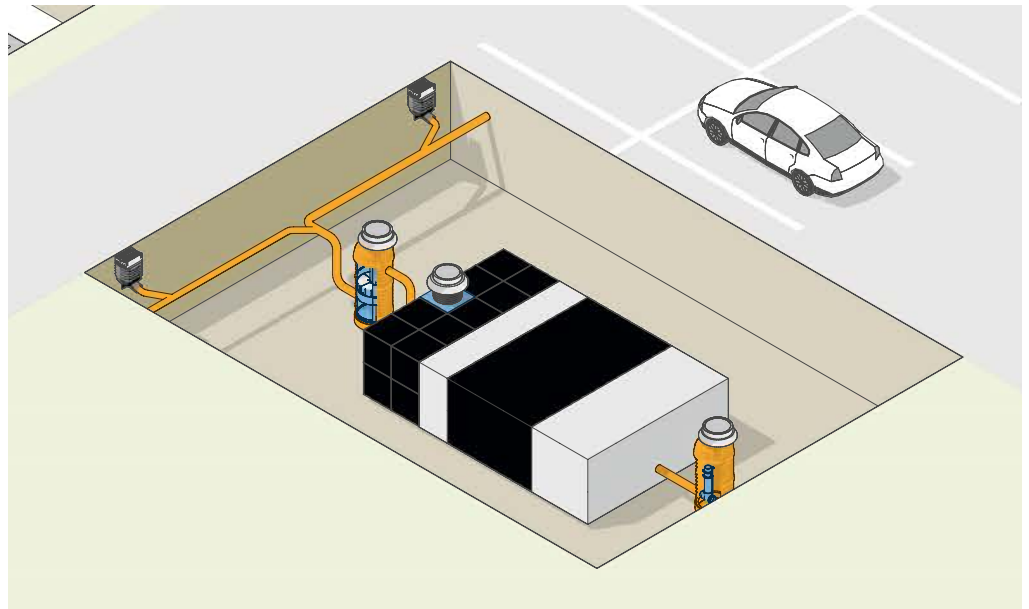


Geotextile filter RAUMAT E				
Variant	RAUMAT 3E 150	RAUMAT 3E 150	RAUMAT 3E 200	RAUMAT 3E 250
Weight per square metre	150	150	200	250
Geotextile robustness class (GRK)	3	3	3	4
Dimensions L x W [mm]	100.00 x 5.00	100.00 x 2.00	100.00 x 5.00	100.00 x 5.00
Packaging unit	1 roll	1 roll	1 roll	1 roll
Roll diameter [cm]	31	31	37	40
Mat. no.	12318841500	12318841200	12311671500	12312071500
EUR/m ²	1.40	1.40	1.80	2.25

MODULAR BY DESIGN. FLEXIBLE USE.

RAUSIKKO Solution and the RAUSIKKO Box SX

The RAUSIKKO Box SX is part of our RAUSIKKO Solution. The elements of the modular construction system fit together and can be combined in many different ways to meet the requirements of your particular project. RAUSIKKO Solution offers even more: A comprehensive service, 100 % free of charge. We will help you with your planning and, it goes without saying, with your project implementation as well. Just give us a call! Our advice and assistance are closer than you think – contact a REHAU Sales Office in your area.



Please observe the relevant technical product information, which can be obtained online at www.rehau.com/ti. Subject to technical changes.

REHAU SALES OFFICES

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