RAUSIKKO

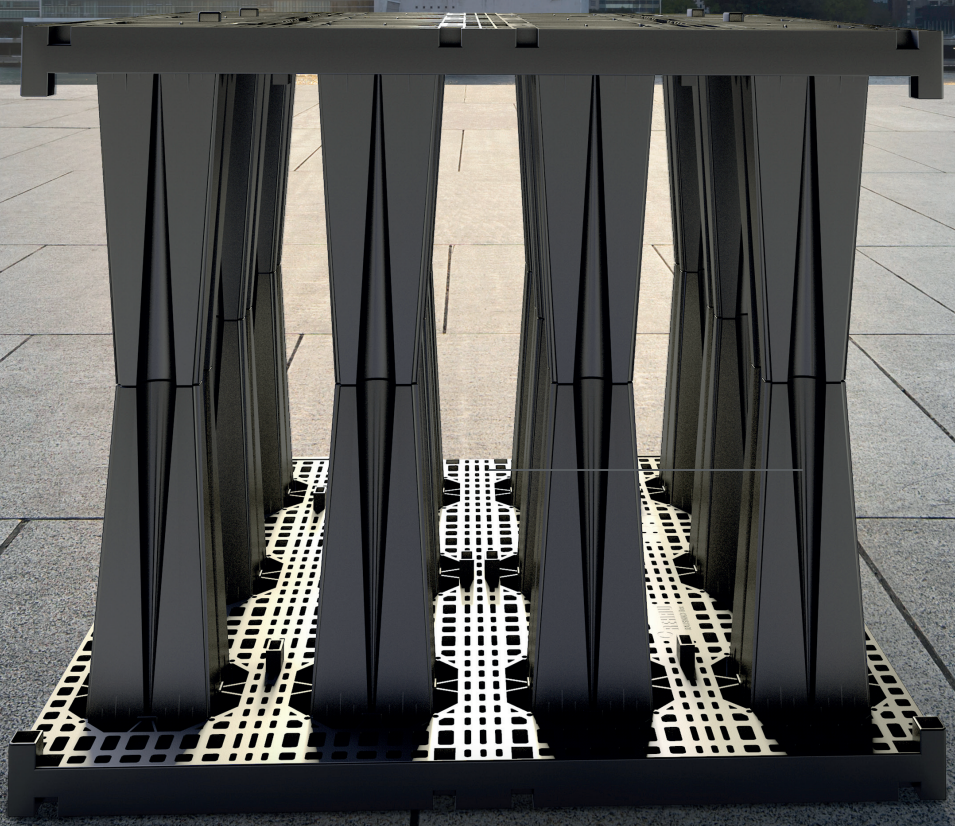
GEOCELLULAR SYSTEM

SOLENO
MASTERING WATER SUSTAINABLY

REHAU







SOLENO.COM

THE NEXT GENERATION OF GEOCELLULAR SYSTEM

One solution, thousands of configurations.



MODULAR SYSTEM

Our RAUSIKKO geocellular system offers the most compact footprint for designing stormwater retention and infiltration systems.

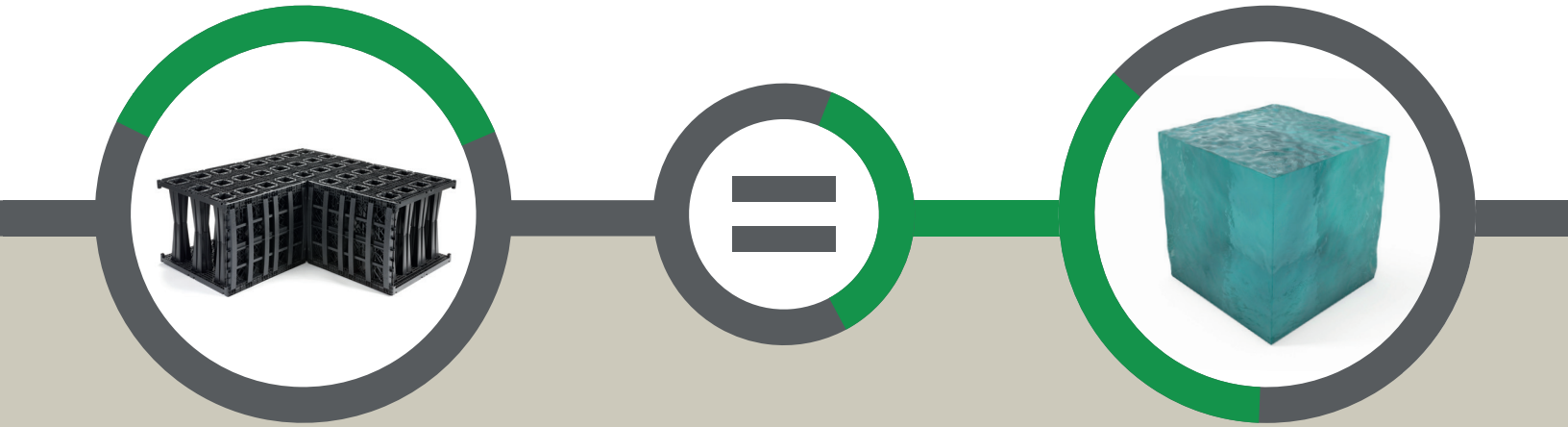
SEE RAUSIKKO IN ACTION

To see our geocellular systems at work, check out our case studies at

soleno.com/en/projects

EXCEPTIONAL SPACE SAVINGS

Maximal retention capacity, minimal footprint on-site.



With a 96% retention capacity, each cubic meter of the system can store up to 254 gal / 960 L of stormwater.

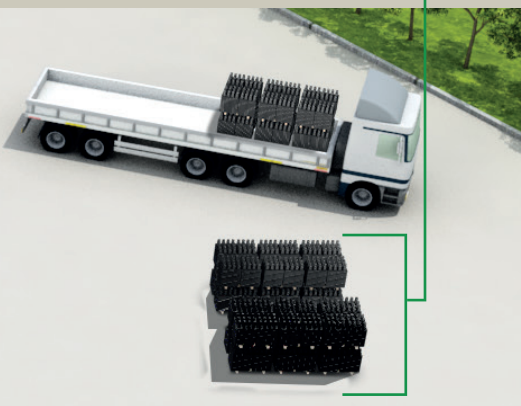
Fast Installation
Lightweight, stackable base components can be handled manually, resulting in significant savings on transportation, labor, and heavy equipment.

Complies with CSA CL-625 Load Rating
Made from polypropylene, the RAUSIKKO geocellular systems can withstand heavy traffic and can be installed at depths of up to 19.7 ft / 6 m.

100% Camera-Accessible
The spacing between columns allows inspection cameras to move freely in all directions, ensuring ongoing basin health monitoring.

A storage area of **323 ft² / 30 m²** provides **10,312 ft³ / 292 m³** of retention capacity.





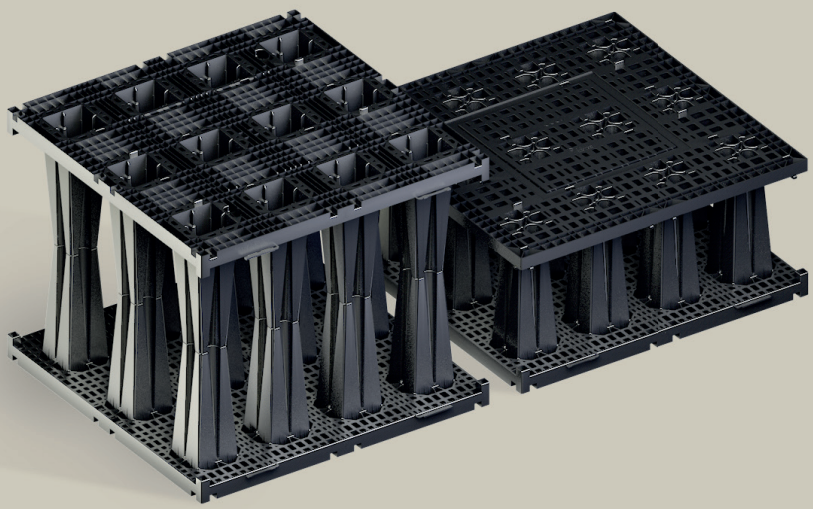
EASY ASSEMBLY

With RAUSIKKO, one click is all it takes!



STACKABLE AND MODULAR

Once the pallet is placed at the bottom of the trench using the excavator already on-site, the base elements — each weighing less than 22 lb / 10 kg — can be assembled by hand.



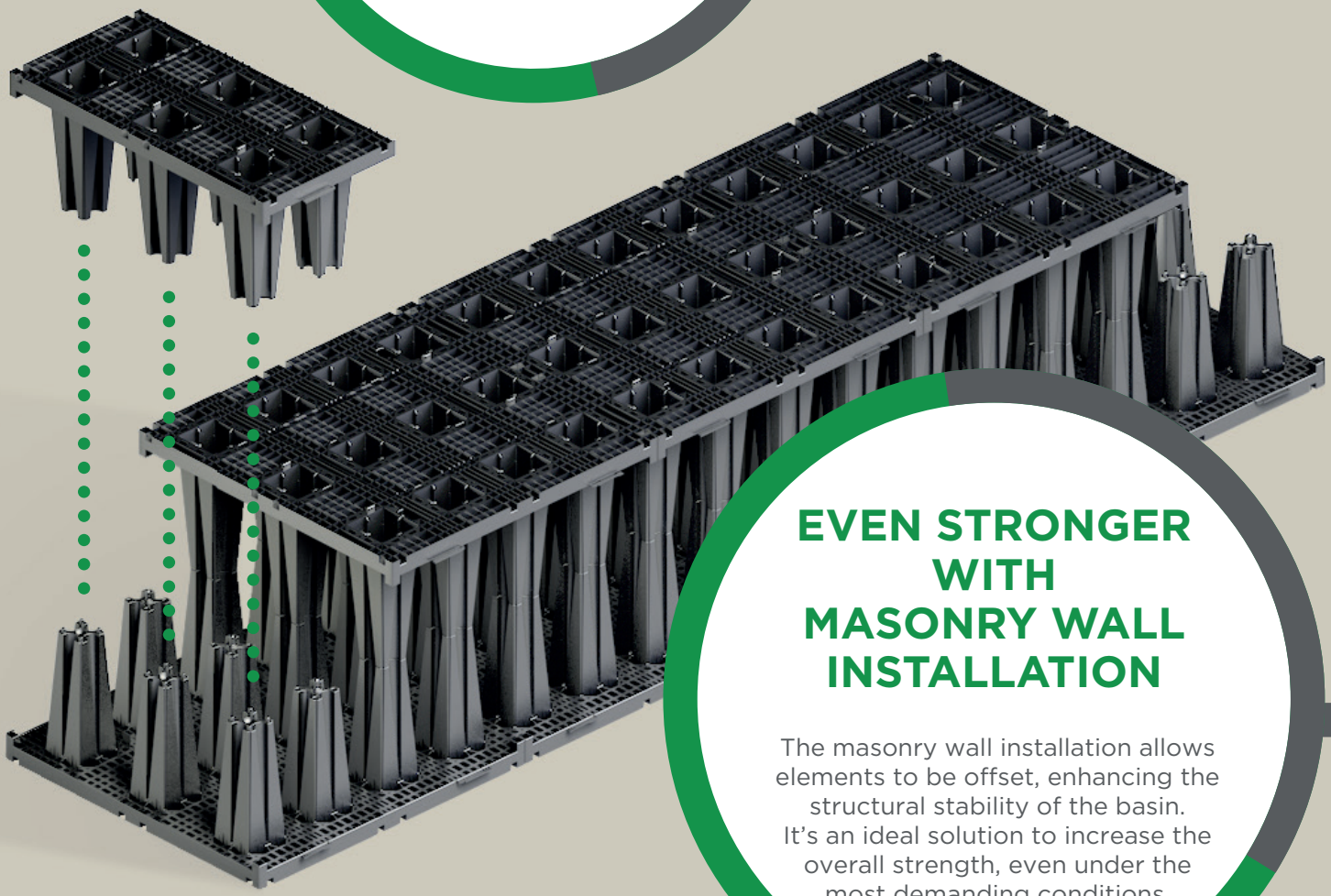
TWO-IN-ONE

RAUSIKKO SX and HX elements connect effortlessly.
Simply stack two identical pieces and the module is complete.
For a half-layer, just place the top plate on a half-element — done!



SET, ALIGN, CLICK

The EasyClick three-level interlocking system and the alignment pin ensure precise position and secure assembly of each element.



EVEN STRONGER WITH MASONRY WALL INSTALLATION

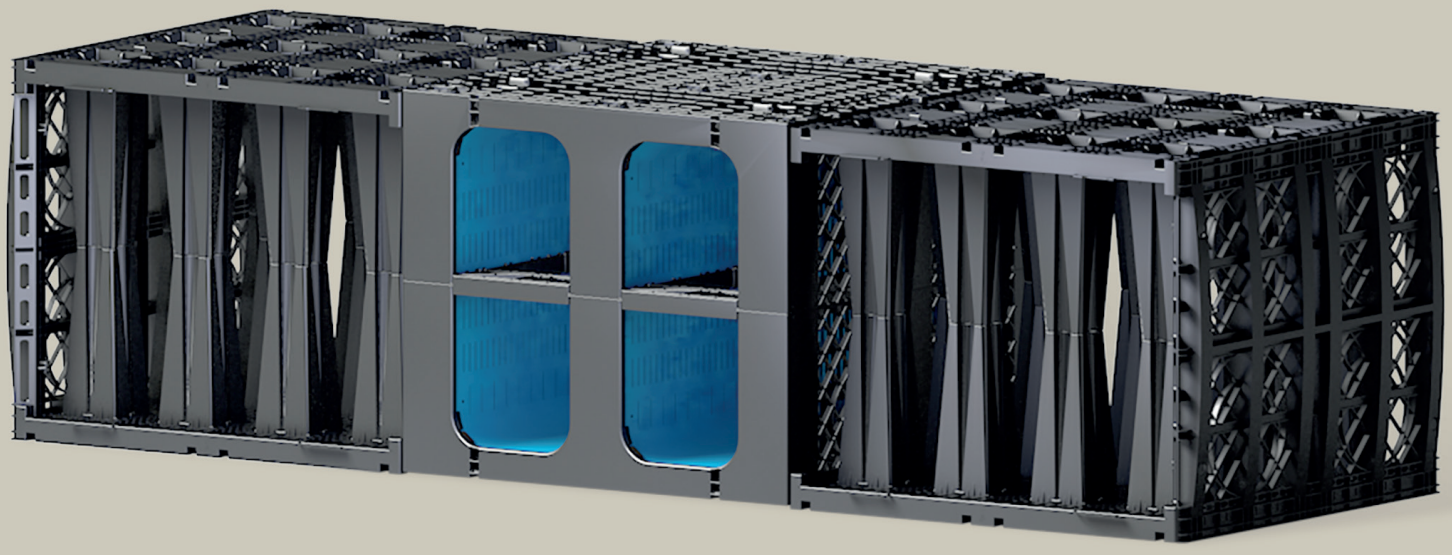
The masonry wall installation allows elements to be offset, enhancing the structural stability of the basin. It's an ideal solution to increase the overall strength, even under the most demanding conditions.

REDUCE CONTAMINATION, LESS MAINTENANCE, MORE EFFICIENCY!

A RAUSIKKO innovation: the blue tunnels.



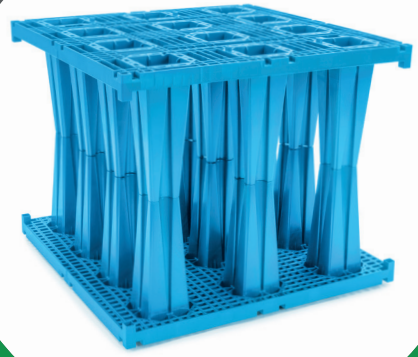
Inspection is only half the job. Once debris enter the system, they can be hard to remove. High-pressure cleaning often just disperses sediment throughout the system, leading to clogging and reduced performance. With RAUSIKKO SC sedimentation boxes, it's a different story: dirt and sediment remain in the tunnels and can be easily removed with a vacuum truck.



A MODULAR, COMPLETE SYSTEM BUILT FOR EVERY CHALLENGE.

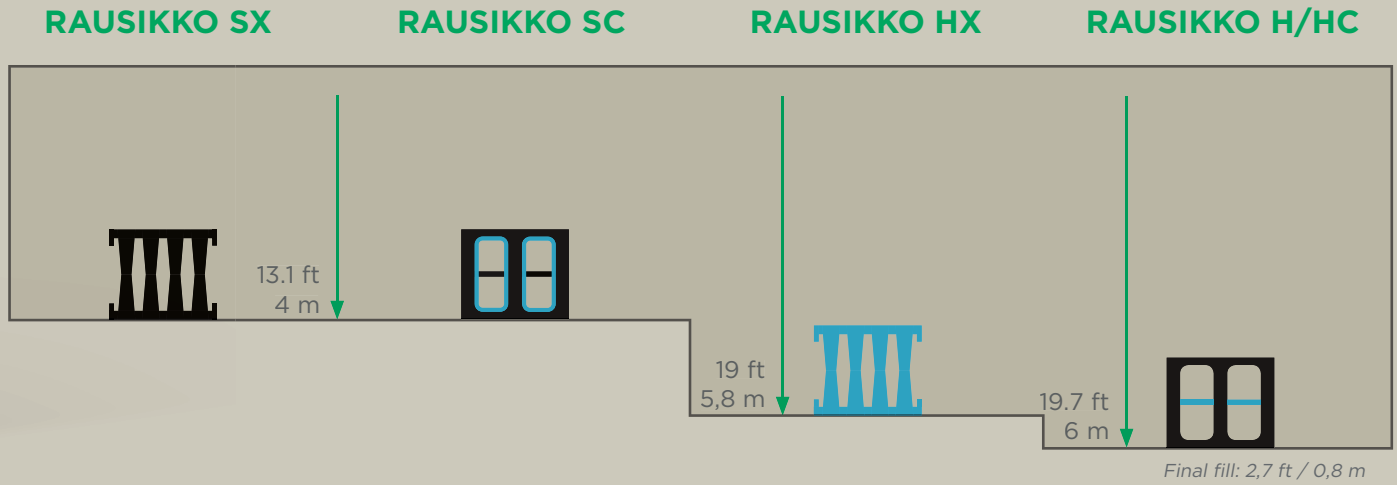
RAUSIKKO HX & HC components are the perfect complement to the modular RAUSIKKO system.

Designed for extreme loads, they meet the highest standards of performance and durability. Easily recognized by their blue color, HX components offer the same advantages as SX components — a 96% retention capacity, simple installation, and easy maintenance — while allowing installation depths of up to 19 ft / 5.8 m. For projects requiring exceptional depths, H and HC components can be used to reach up to 19.7 ft / 6 m.





THE MOST COMPLETE RANGE!



EXCLUSIVE

SOLENO is RAUSIKKO EXCLUSIVE distributor for Eastern North America.



Visit the website

Learn more about RAUSIKKO geocellular systems at **https://soleno.com/en/produits/rausikko-cell-basin/**.
Explore our installation guides, technical specifications, and downloadable specs.

SOLENO OBTAINED
its **ECO**RESPONSABLE Certification - level **2. Performance** in sustainable development from the Council for sustainable industries (CSI) **ECO**RESPONSABLE™ Program. (Saint-Jean-sur-Richelieu plant only)

SOLENO IS ISO 9001 CERTIFIED
(Saint-Jean-sur-Richelieu plant only)

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REV 001.2025.06.09

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