



FRENO 

Modular Rain Garden



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Unlimited Design Options • Rapid Construction • Stormwater Solutions Made Easy.

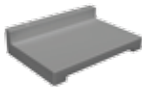


Rain Gardens Clean Water Naturally

Effective and low maintenance, they use the same natural processes that pre-development ecosystems employ to treat and filter stormwater.



T MODULE



N MODULE



S MODULE



T-2 MODULE



T-R10 MODULE



T-R5 MODULE



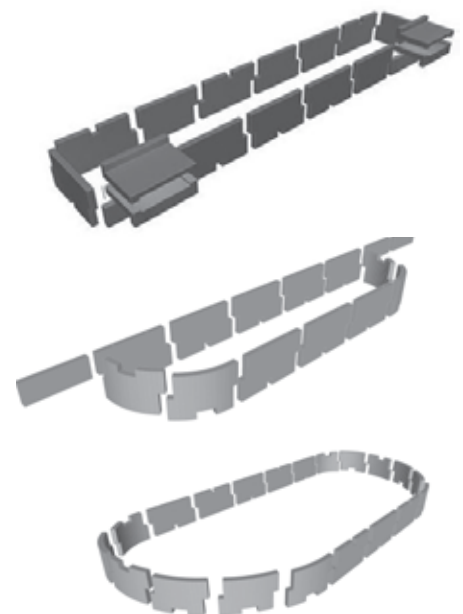
S-R5 MODULE



S-R10 MODULE

Unlimited Design Options

- A great way to accomplish recognized Best Management Practices to control stormwater runoff on any site.
- Installed with light equipment and limited crew.
- Modular precast concrete system installs rapidly for quality results every time.
- Typical installation requires less than a day of construction time.
- Suitable for stormwater planters, curb extensions, bio-retention areas, vegetated swales, green gutters or rain gardens.
- Works equally well for filtration or infiltration based systems.
- Multiple attractive color and finish options.
- Vertical walls maximize stormwater storage capacity.
- Kit of Parts design philosophy offers unlimited design flexibility.
- Available with recycled content.



Installation of FRENQ

Modular Rain Garden



Site Preparation, Demolition and Excavation

Locate and mark utilities. Place safety barriers. Remove existing pavements, plant material or structures from the area to be excavated. Excavate the trench to plan dimensions.

If you are building a filtration system, install the under-drain system. The under-drain will need to be inspected before it is covered.



Install Base Leveling Pad

Place and compact base material for leveling pad. Use easily compacted crushed stone material.

Compact to soil density of 95% Standard Proctor.



Place Freno Modules

Freno modules have threaded connection inserts and allow rapid and safe attachment to lifting equipment. Using these inserts, attach the Freno Module to the lifting equipment, and place on the leveling pad. Adjust alignment and elevation and level the modules as they are placed. Place temporary braces using the connection inserts. The sequence of panel placement will depend on the configuration of the structure design. Install any observation wells before backfilling.



Backfill and Add Engineered Bio-retention Materials

Backfill the inside and outside of the structure in alternating lifts. Use self-compacting angular crushed stone for the exterior of the structure and the aggregates, sand and engineered planting soils called for in the plan for the interior. Do not compact the interior materials and plan to overfill the interior in an amount sufficient to allow for settlement to reach plan elevations. Add plant materials per plan and monitor / water plants as required until they are fully established.



Repair or Install Paving

Finish the surfaces surrounding the Freno® structure per plan.

Visit www.frenosystems.com for installation videos and additional information.



FRENO[®]

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www.frenosystems.com



Ph - 614.252.0955

Ph - 740.369.7644

Ph - 419.225.6761

Ph - 937.885.3711

Ph - 800.845.7644

www.oberfields.com



Nationwide Availability

The Concrete Products Group LLC (CPG) consists of regional market leaders in the concrete products industry. We offer high performance, cost effective products for the construction of buildings, stormwater management and low impact development of sites.

800.789.0872 www.concreteproductsgroup.com