PRESTO | GEOSYSTEMS®

GEOBLOCK®

Grass Porous Pavement

Design Resource Package

GRASS PAVERS

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Design Resources

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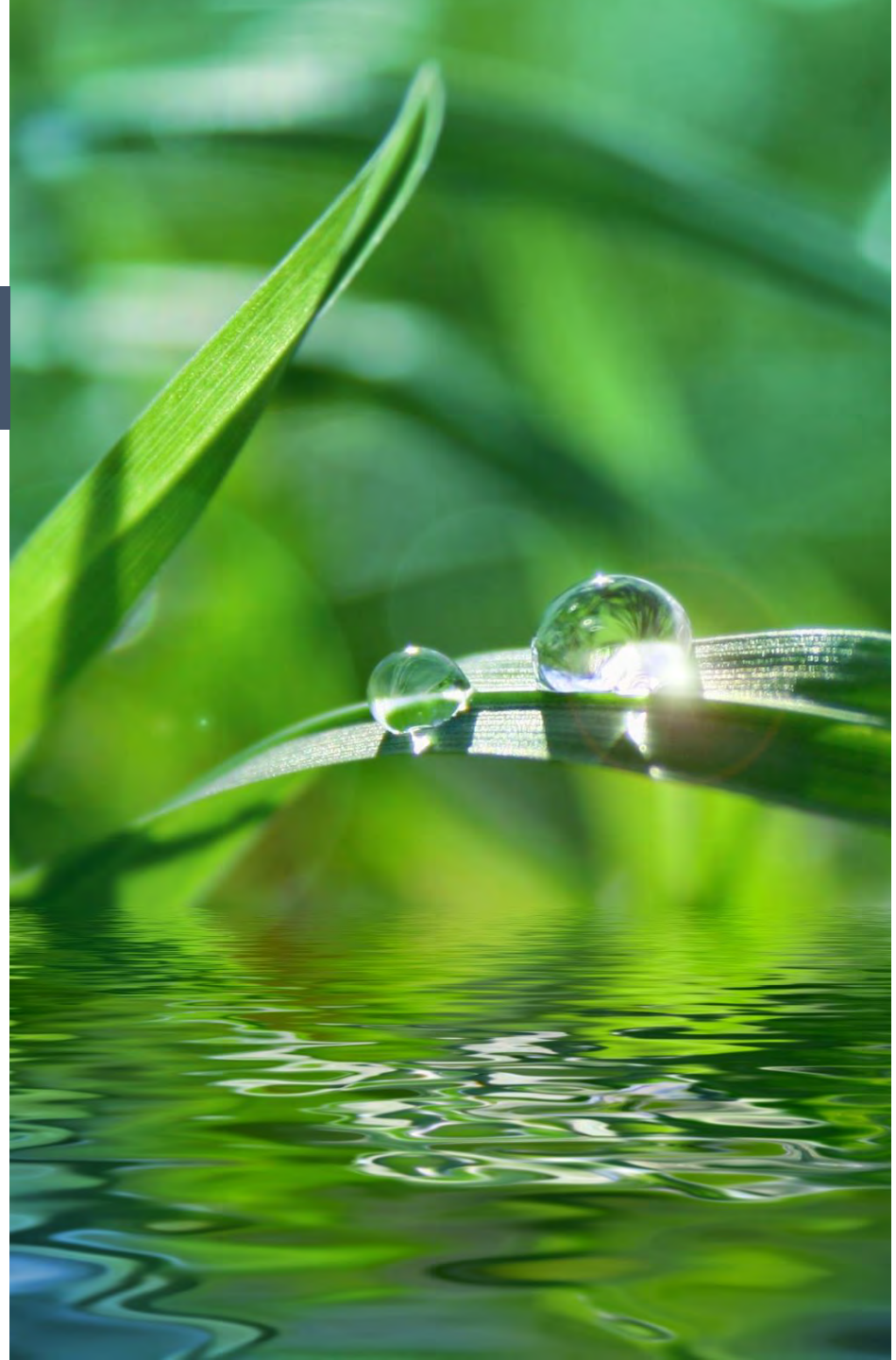

GEOBLOCK®

Grass Porous Pavements

DESIGN SUSTAINABLE, HIGH-PERFORMANCE, GRASS PAVEMENTS

Design structural pavements to resist rigorous loading stresses from occasional traffic. Meet stormwater goals & green infrastructure initiatives for infiltrating water at its source to reduce runoff. Filter pollutants, mitigate flooding potential, and reduce stormwater infrastructure needs. Naturally return water to the aquifer.

This design package will equip you with tools & resources to design sustainable porous pavements.

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Learn About GEOBLOCK Pavers

See how the System Works

Learn how the GEOBLOCK Porous Pavements work—and how they can work for your project.

- Overview Brochure
- Visit our Photo Gallery
- See Project Case Studies

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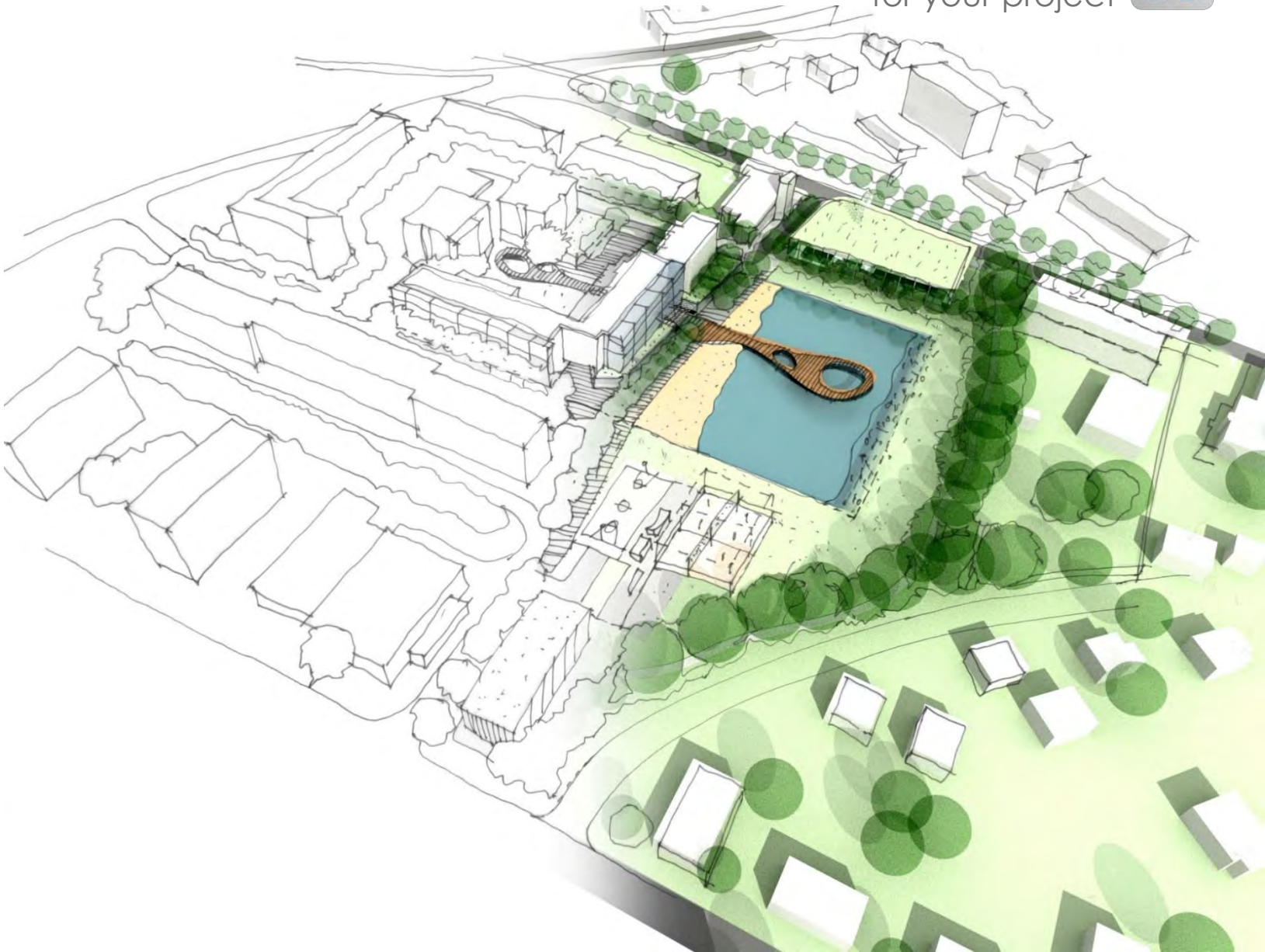
Green Building Initiatives

Green Building Credits

GEOBLOCK pavements can contribute to green building initiatives:

- Building with a minimal footprint & reducing site disruption
- Reducing impervious cover, promoting infiltration & capturing runoff
- Reducing the heat island effect
- Using materials with recycled content

Learn About Green Building Credits >>



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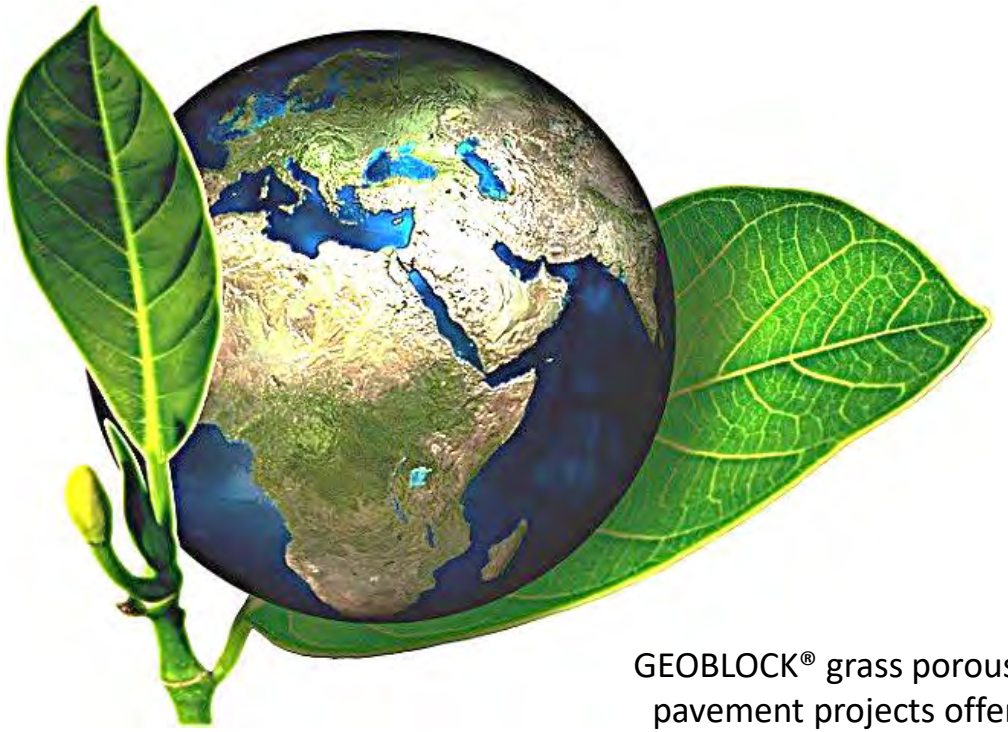
Design Resources
for your project



Environmental Benefits

[Download the Geoblock Green Sheet >>]

[Download the Geoblock5150 Green Sheet >>]

GEOBLOCK® grass porous pavement projects offer lower environmental impact than alternative solutions.

Energy Use

Resource Savings

Land Use

Water Benefit

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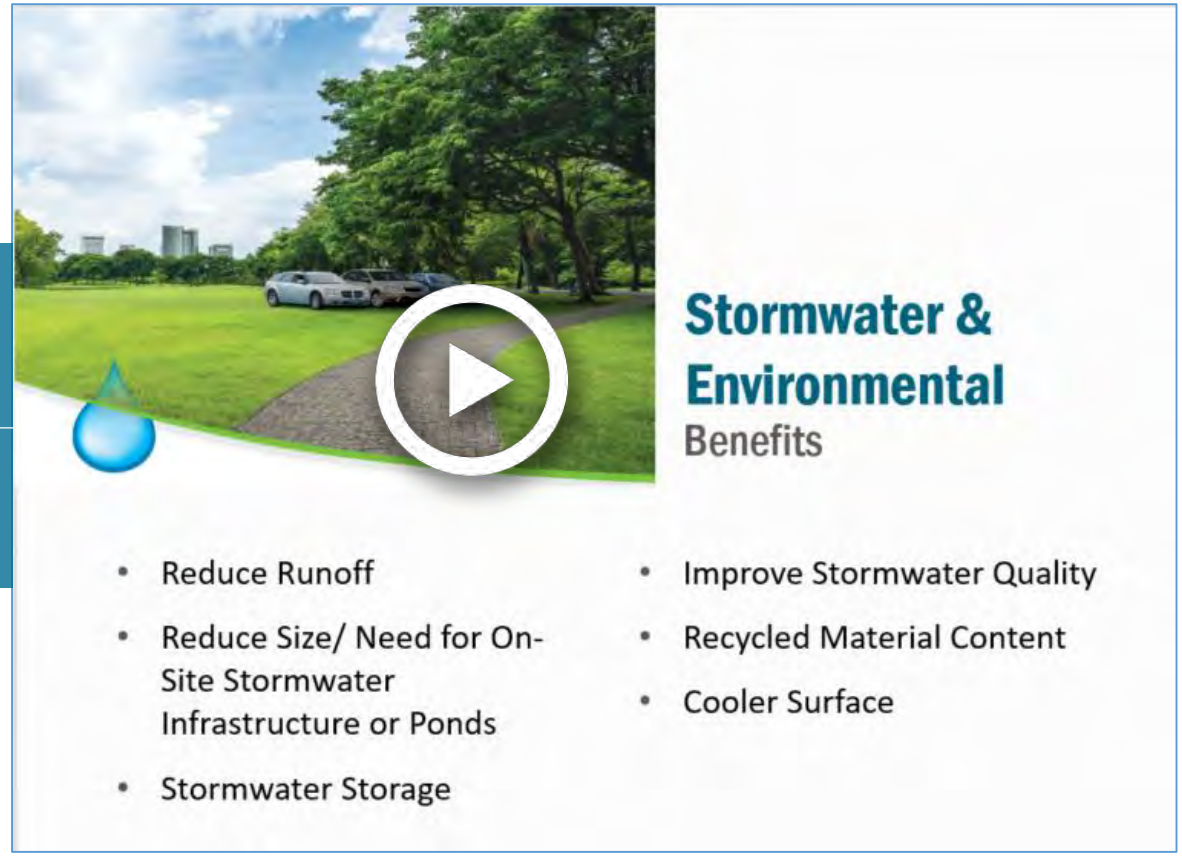
Reduce Stormwater Infrastructure

Design Resources
for your project

View recorded webcast and earn PDH credits.

WEBCAST

Reduce Stormwater Infrastructure with GEOBLOCK Porous Pavers>>



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Design Resources
for your project

Create a Specification

Fast & Easy Specification Tools

Create your own custom specification or use industry-standard specifications from ARCAT.com and CADdetails.com

SPECMaker® Tool:

Create a Custom CSI Spec in Minutes

CSI Specifications (Word doc)

GEOBLOCK® | GEOBLOCK®5150

Specification Summary

GEOBLOCK® | GEOBLOCK®5150

Industry Specifications

ARCAT | CADDetails

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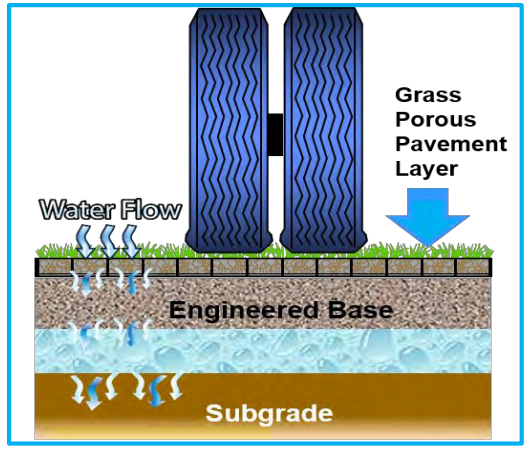
Design Resources
for your project

Evaluate Pavement Scenarios

Interactive Porous Pavement Design Assistant

Evaluate best pavement options for site conditions and expected use. Easy input parameters and quick cross-section details for your project.



Download Interactive Porous Pavement Tool >>

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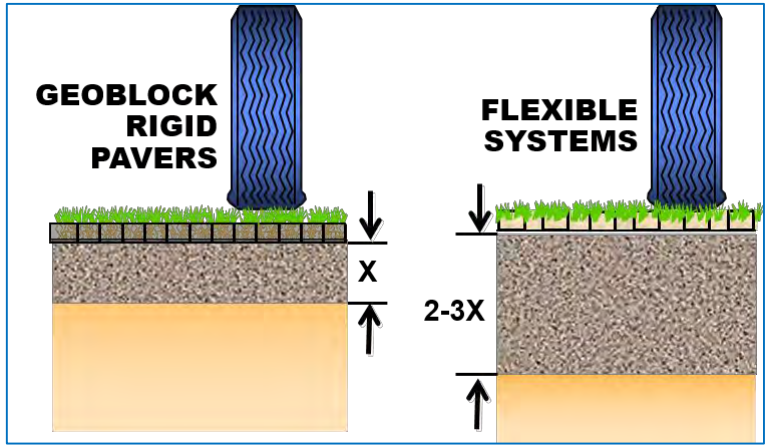
Design Resources
for your project

Compare Product & Performance Attributes

Comparing GEOBLOCK rigid pavers to flexible pavers & rolled systems is like comparing apples to oranges. See the differentiating attributes that make GEOBLOCK rigid pavements the highest performers with loading and traffic stresses.



COMPARE Rigid to Flexible Paver Systems >>

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Design Resources
for your project

CAD Detail Drawings

Cross-Section Drawings

Find all the drawing details you need to include in your contract documents.

CAD Drawings
GEOBLOCK® | GEOBLOCK®5150

Industry Formatted CAD Details
ARCAT | CADDetails

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Design Resources
for your project

Watch Videos

See Product in Action

Visit our Video Gallery >>

Watch Cross-Section Animation >>

See How Grass Pavers Work >>

Project Installations

Grass Emergency Roads for Gainesville, FL Utilities >>

Watch Fast, Easy Installation >>

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Design & Construction Data

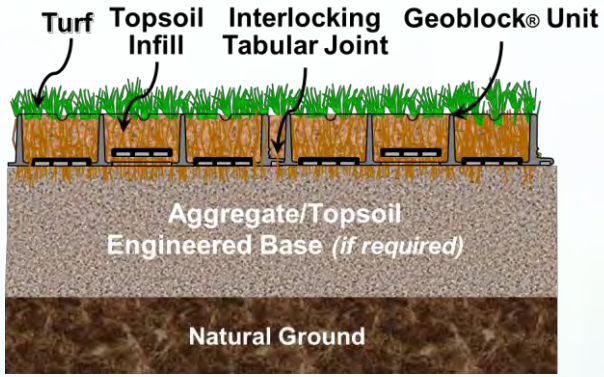
Evaluate How Geoblock Porous Pavements Work

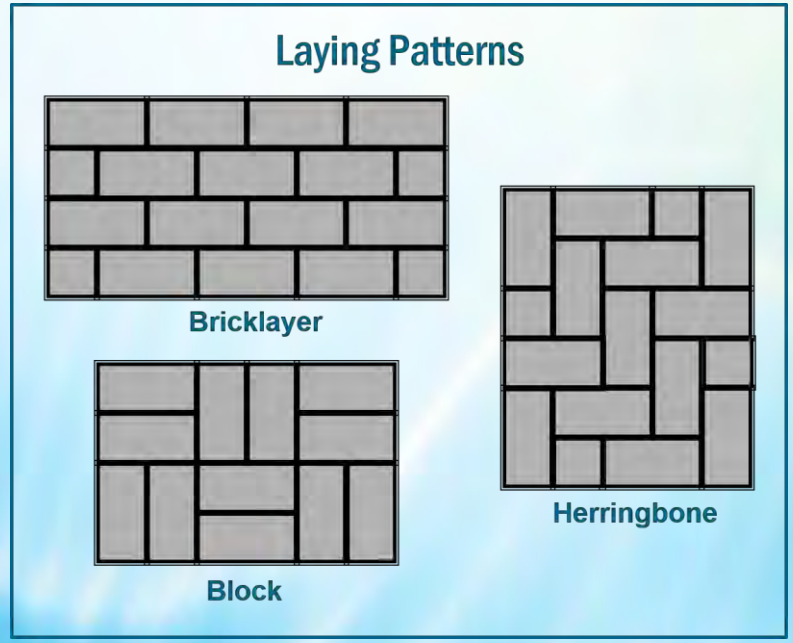
Learn about the technical details, design considerations and methods important to designing and constructing GEOBLOCK porous pavements.

GEOBLOCK®
Design & Construction Guide >>

GEOBLOCK®5150
Design & Construction Guide >>

Design Resources
for your project





Porous Pavement Applications

Learn how the GEOBLOCK® Porous Pavement System's versatility in a wide range of applications will benefit your project's pavement performance, environmental goals and stormwater management initiatives.

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Green Infrastructure Design

Fire & Utility Access

- Design stable grass emergency & maintenance access lanes for fire vehicles (to HS25 loading) to resist heavy, occasional loading stresses.
- Use aggregate/topsoil base for healthy grass growth, fast infiltration and stormwater runoff reduction.

LEARN MORE

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Drivable Grass Lanes

Maintenance Access Ways

- Design stable grass maintenance access roads to resist traffic stresses from occasional maintenance vehicles and equipment.
- Create vegetated low-maintenance access to blend with natural surroundings.

LEARN MORE

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Preserve Natural Aesthetics

Access Lanes & Easements

- Design GEOBLOCK grass access ways to meet city/state stormwater requirements for pervious surfaces.
- Include grass easements to minimize hard-surface pavements and capture runoff from adjacent hard pavements.

LEARN MORE

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Equipment/Vehicle Support

Cemetery Access

- Design access ways in concentrated traffic areas within cemetery grounds to prevent rutting and damage to turf caused by equipment and vehicles.

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Occasional Use Traffic

Parking Areas

- Design grass parking areas for infrequent traffic to meet city/state pervious surface requirements, to reduce stormwater runoff, and the size/need for stormwater infrastructure.
- Incorporate for Green Infrastructure (GI) and Low Impact Development (LID) projects.

LEARN MORE

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Peak Traffic Overflow

Event Parking

Occasional, Short-term

- Design auxiliary areas to handle peak parking needs during events at stadiums, museums, schools, and other venues.

LEARN MORE

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Meet Permeability Regulations

Permeable Parking

- Design grass GEOBLOCK® parking areas with topsoil infill and topsoil/ aggregate base for fast infiltration and runoff reduction to meet local stormwater requirements.
- Create grassed infiltration zones to capture runoff from adjacent hard-surface pavements.

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Runoff Control

Road Shoulders & Medians

- Design permeable, load-supporting road shoulders for edge control and to promote natural stormwater infiltration.
- Stabilize medians to support maintenance vehicle access.

LEARN MORE

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Vegetated Edge Control

Sidewalk Shoulders

- Protect sidewalks from edge breaks and rutting caused by foot or vehicle traffic with GEOBLOCK supported grass shoulders.
- Include grass shoulders as low impact design elements to handle hard-pavement runoff.

LEARN MORE

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Preserve Natural Green Space

Grass Easements

- Design natural easements between commercial and residential areas to support occasional vehicle access and preserve the natural landscaping.

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Urban Green Space

Pedestrian Plazas

- Design permeable, load-supporting road shoulders for edge control on soft shoulders and to allow natural stormwater infiltration.
- Integrate with hard surface paving (e.g. asphalt, concrete).

LEARN MORE

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Urban Runoff Control

Green Zones

Infiltration Buffers

- Design GEOBLOCK structural grass riparian buffers in urban areas for stormwater infiltration & runoff reduction from adjacent hard-surface pavements.
- Reduce the urban heat island effect with cooler grass surfaces.

LEARN MORE

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Your Project is Important. See How We Can Help.

Certainty:

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The quality that a successful outcome is inevitable.

Take the tour to find out how **"The Presto Advantage"** assures results for your project.

The Presto Advantage

Customized Technical Presentations

Learn more about how the GEOBLOCK® Porous Pavement System can work on your upcoming projects.

Learn & Earn PDH Credits.

[SCHEDULE a Lunch & Learn Presentation >>]

Local Support
Get an Estimate

Our global network of distributors and representatives will work with you to provide a price estimate.

[Find Local Distributor/Rep >>]

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Porous Pavement System

Design with Certainty.

Get answers to your questions and help with your design. Our solution will be tailored for your unique project and site challenges. You can rely on our experience, tools & resources to help you create a quality design package

Certainty and Peace of Mind—from project start to finish.

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