PRESTO | GEOSYSTEMS®

GEOBLOCK®

Porous Pavement System

Construction

Resource Package

GRASS PAVERS

PRESTO | GEOSYSTEMS®

Install Resources

What You Will Find

- Learn About GEOBLOCK® Pavers
- Compare Product & Performance
- Installation Considerations
- Step-by-Step Easy Installation
- Watch Videos
- Evaluate Design & Construction Data
- See Applications
- Get a Material Estimate

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What are GEOBLOCK Pavers?

Install Resources
for your project

Get Familiar with Grass Pavers

See how the GEOBLOCK® system is installed for grass porous pavements:

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

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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 what makes GEOBLOCK rigid grass pavements the **best solution to resist loading and traffic stresses.**

[See the Comparison >>]

COMPARE

Rigid to Flexible Paver Systems >>

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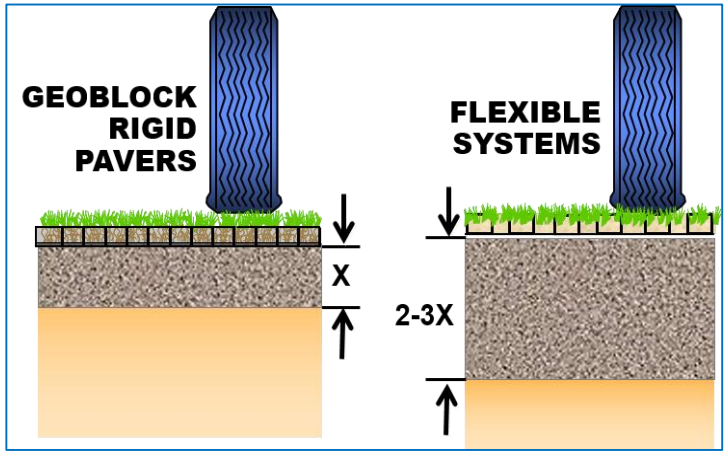
Design Resources
for your project

Fact Check #1

Base Materials & Cost

GEOBLOCK pavers require up to 3X less base.



Rigid GEOBLOCK Pavers Require Low Base.

The GEOBLOCK paver's strong, rigid interconnected design contributes to the system's overall strength--so much less base material is required. Lower base means less cutting, less hauling of materials, less aggregate and **less overall cost.**

Rolled Products Require Deep Base.

Rolled products require as much as 3X deeper base to support loading. This means more cutting, more hauling of excavated material, more hauling of base materials, and **more overall cost.**

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Fact Check #2

Ease of Connection

GEOBLOCK pavers are easier to install.

Rigid GEOBLOCK Pavers Lay Flat

GEOBLOCK rigid pavers are shipped flat and lay flat—making them easy to fasten—and no connector clips to get broken.

Rolled Products Do Not Lay Flat.

Rolled products maintain their rolled 'memory', making it difficult to align and fasten the connector clips.

Flexible connections can also break in transit.

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Fact Check #3

Constructability

Unfilled GEOBLOCK pavers can be driven on.

Construction Vehicles Can Drive on Unfilled GEOBLOCK Pavers.

Because of their rigidity and strength, construction vehicles can drive on GEOBLOCK pavers before and during infilling process—significantly speeding time to deliver and spread infill.

Rolled Products Cannot be Driven on Before they are Infilled.

Because of their flexible nature, rolled products cannot be driven on until completely infilled—slowing down time to deliver and spread infill.

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Design Resources
for your project

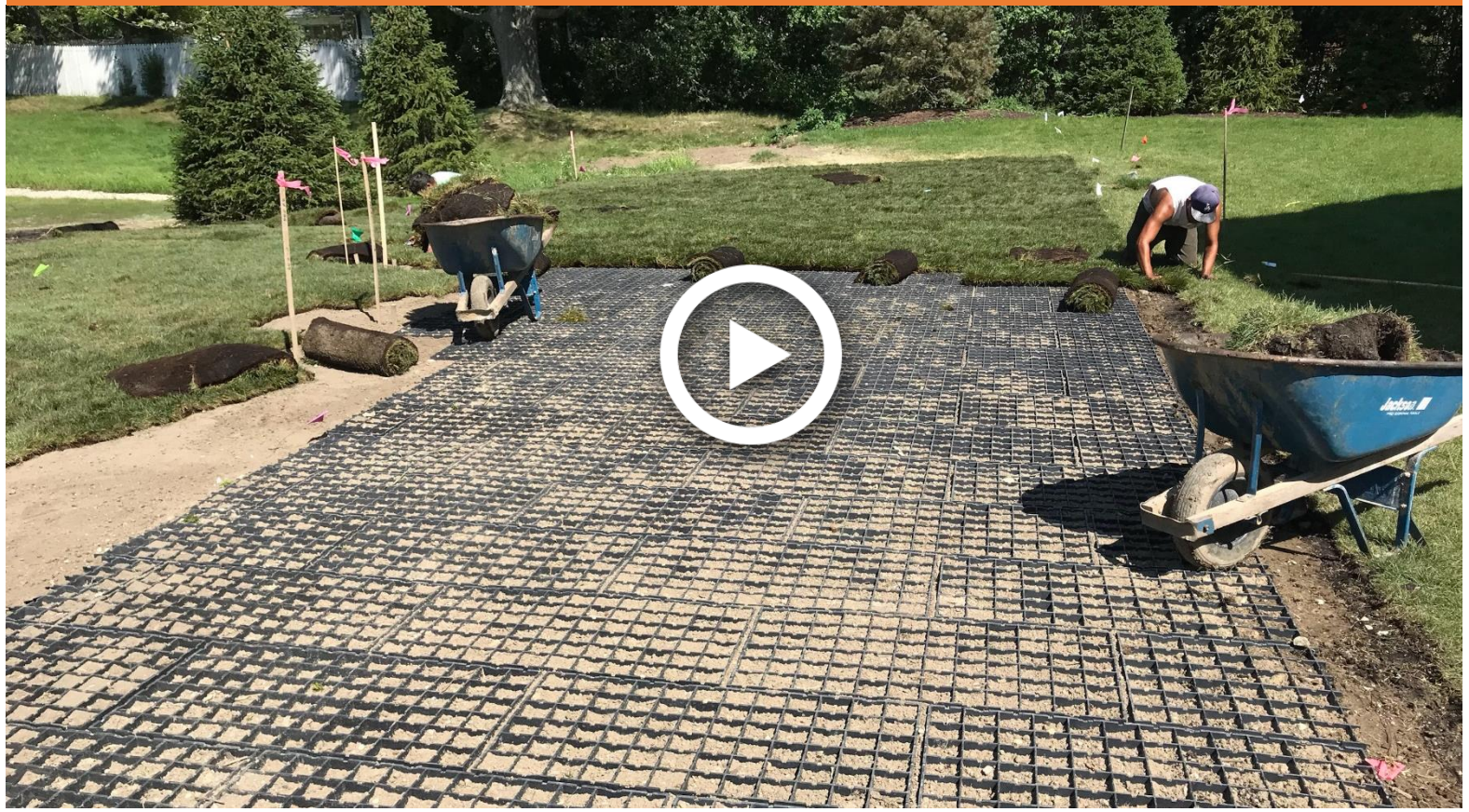
Rigid Pavers Save You Money on Construction

See how GEOBLOCK grass pavers are designed for **fast, efficient installation.**

You'll **complete projects faster—** and without post-construction maintenance to worry about.

Watch the Step-by-Step Installation Video>>

Fast, Efficient Installation



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Watch Videos

See Product in Action

Visit our Video Gallery >>

Watch Cross-Section Animation >>

See How Grass Pavers Work >>

Project Installation

Emergency Vehicle Dispatch Grass Roads at Gainesville Utilities, FL >>

Watch Fast, Easy Installation >>

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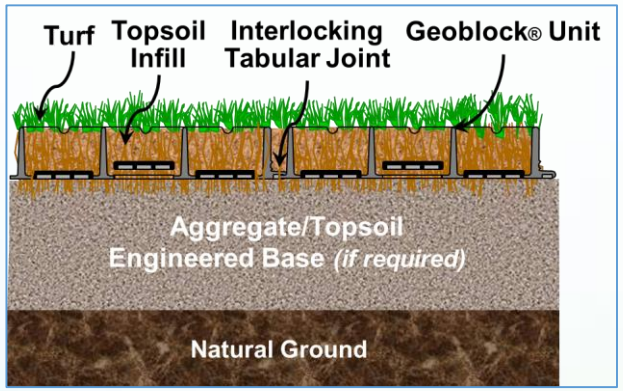
Design & Construction Data

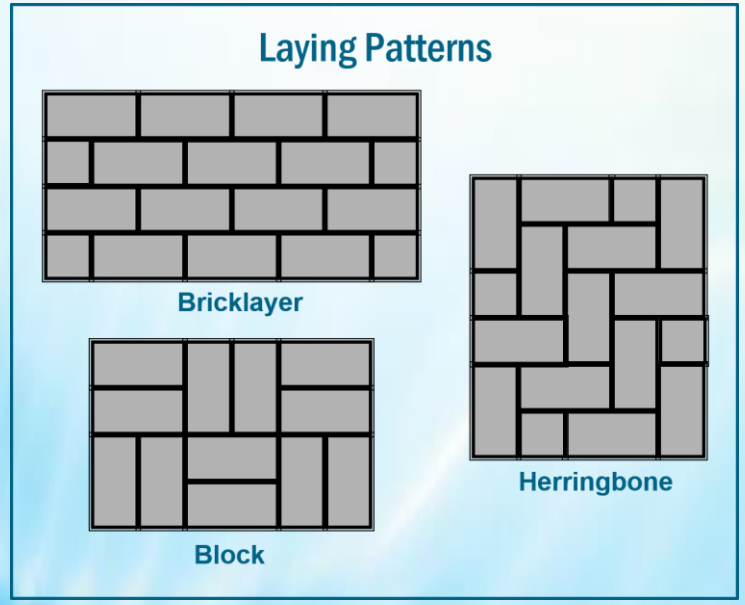
How do Geoblock Pavers Work?

Learn the methods important to designing and constructing GEOBLOCK porous pavements. Base Recommendations. Fill & Base Materials. Laying Patterns. Unit Connection.

GEOBLOCK®
Design & Construction Guide >>

GEOBLOCK®5150
Design & Construction Guide >>





Porous Pavement Applications

Learn more about GEOBLOCK® Pavers in a wide range of porous pavement applications.

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Urban Runoff Control

Fire & Utility Access

- Build stable grass emergency and maintenance access lanes for cars and trucks (to HS25 loading) to resist heavy loading stresses.
- Use topsoil infill and topsoil/ aggregate base for fast infiltration and stormwater runoff reduction.

LEARN MORE

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Drivable Grass Lanes

Maintenance Access Ways

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

LOW Maintenance

LEARN MORE

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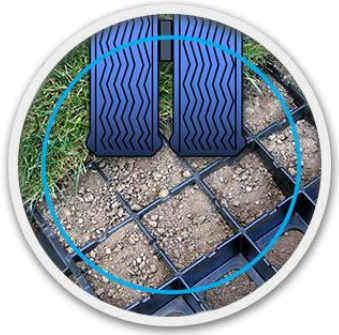
Stormwater Management

Parking Areas

Reduce Runoff

- Build grass parking areas for infrequent traffic to meet city/state pervious surface requirements and to reduce stormwater runoff.
- Reduce the size/need for stormwater infrastructure.



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Protection of Waterways

Parking Stalls

- Build permeable parking stalls to infiltrate and filter water at the point of contact—keeping runoff out of nearby waterways.
- Meet pervious pavement regulations with a percentage of parking area designated as permeable.

LEARN MORE

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Stormwater Regulations

Permeable Parking

- Design GEOBLOCK grass 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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Peak Traffic Overflow

Event Parking

Occasional, Short-term

- Build auxiliary areas to handle peak parking needs during events at stadiums, museums, schools, and other venues—without increasing the footprint of hard-surface pavements.

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Infiltration Buffers

Access Lanes & Easements

- Build 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.

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Equipment/Vehicle Support

Cemetery Access

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

LEARN MORE

MINIMIZE Rutting & Turf Damage

Before Repair

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Pavement Integration

Integration with Asphalt or Concrete Pavements

- Build GEOBLOCK pavements to accept the sheetflow runoff from adjacent impervious pavements (asphalt).
- Paver units are easily installed/cut to integrate seamlessly with hard pavements.

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Runoff Control

Road Shoulders & Medians

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

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Permeable Control
of Soft Shoulders

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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.

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STABLE
Shoulder Protection

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Urban Green Space

Pedestrian Plazas

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

NATURAL
Protected Walkways

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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

What is the Price?

Get an Estimate

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

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