

## GEOBLOCK®5150

### Grass Porous Pavement System

GEOBLOCK®5150 grass pavements are a permeable, low environmental impact alternative to hard surface pavements for occasional pedestrian and vehicle traffic loads.

## Sustainable Environmental Contributions

The benefits of designing GEOBLOCK®5150 pavements for sustainable, green building initiatives including Low Impact Development (LID) and Green Infrastructure (GI) are noted below.



### Energy Use

- ◆ Made from post-consumer recycled material, reduces resin production energy needs.
- ◆ Less base needed = less mining/crushing/hauling emissions.
- ◆ Grass surface cooler than asphalt—reduces the urban heat island effect and energy to cool buildings.



### Resource Savings

- ◆ Made from 100% post-consumer recycled plastic—beneficial reuse of materials otherwise landfilled.
- ◆ Uses less quarried aggregate resources due to low base requirement.
- ◆ Reduces asphalt and concrete consumption.



### Land Use

- ◆ Limits site disturbance and development footprint within the parameters of the building site.
- ◆ Reduces the size and need for stormwater infrastructure and stormwater detention ponds.



### Water Benefit

- ◆ Permeable pavers and porous infill captures/filters stormwater runoff—keeping pollutants out of the waterways.
- ◆ Promotes fast infiltration from hard surface pavements, reducing runoff and mitigates flooding.



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GEOBLOCK®5150Pavers](#)



### Helpful Resource Links

[GEOBLOCK®5150 Design Package >>](#) [LEED® Green Building Overview >>](#)

[Interactive Porous Pavement Design Assistant >>](#)