

GEOPAVE®

Gravel Porous Pavement System

GEOPAVE® gravel pavements are a highly-permeable, low environmental impact alternative to hard surface pavements for every day pedestrian and vehicle traffic loads.

Sustainable Environmental Contributions

The benefits of designing GEOPAVE® 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.
- ◆ Gravel 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.
- ◆ Stormwater storage in the pavement layer reduces the size and need for stormwater infrastructure and detention ponds.



Water Benefit

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



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Learn More About
 GEOPAVE® Pavers



Helpful Resource Links

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

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