



GREEN SHEET

GEOWEB® Load Support

Soil Stabilization System

GEOWEB® load support systems with aggregate or local onsite fill are permeable, low environmental impact pavement solutions for access roads, porous parking areas and work pads.

Sustainable Environmental Contributions

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



Energy Use

- ◆ Compact bundles ship efficiently to job sites—less trucks to transport road building materials, especially to remote sites compared to traditional methods.
- ◆ Confinement reduces fill requirements—less hauling emissions.



Resource Savings

- ◆ Uses locally-available fill, compared to other road building materials (e.g. geogrids) that require more expensive road base material.
- ◆ Confinement reduces base requirements by 50% or more—uses less quarried resources.



Land Use

- ◆ Reduces site disturbance and development footprint within the parameters of the building site.
- ◆ Using permeable fill, performs like an onsite stormwater storage ‘basin’—reduces need for stormwater infrastructure and detention ponds.
- ◆ Deploys directly over poor soils, eliminating over-excavation.



Water Benefit

- ◆ With 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
 GEOWEB® Load

Helpful Resource Links

- [GEOWEB Load Support Design Package >>](#)
- [LEED® Green Building Overview >>](#)
- [Permeability Calculator Tool >>](#)
- [Free Project Evaluation Service >>](#)