

GEOWEB® Slopes

Soil Stabilization System

GEOWEB® slope protection systems with topsoil or aggregate fill are permeable, low environmental impact solutions for deep erosion control, sustainable slope stabilization, and liner protection.



Energy Use

- ◆ Vegetated slopes in a built environment are cooler alternatives than concrete slope systems—reducing the negative heat island effect.
- ◆ Vegetated green roofs minimize heat absorption, reduce urban heat island effect and energy to cool buildings.



Resource Savings

- ◆ Confinement of fill in the 3D structure reduces the volume of cover material (topsoil, aggregate)—uses less quarried resources.
- ◆ ‘Soft’ slope armoring reduces need for concrete consumption required of hard-armored systems.



Land Use

- ◆ Limits site disturbance and development footprint within the parameters of the building site by allowing steeper slopes.
- ◆ Ability to secure steeper slopes reduces land requirements.



Water Benefit

- ◆ Permeable slope face infiltrates/filters surface runoff from hard pavements—keeping pollutants out of the waterways and reducing runoff for flooding mitigation.
- ◆ Inert material will not leach or breakdown, keeping harmful materials from entering waterways.

PRESTO



Appleton, Wisconsin USA | Ph: 800-548-3424

E: www.prestogeo.com

Learn More About
GEOWEB® Slopes



Helpful Resource Links

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

[Free Project Evaluation Service >>](#)