

GrassProtecta™

LEED APPLICATIONS



Grass Reinforcement

LEED Credit Description

SS Credit 5.1: Protect/Restore Habitat [1 cr.]
Conserve existing natural areas and restore damaged areas to provide habitat and promote biodiversity.

SS Credit 5.2: Maximize Open Space [1 cr.]
Provide a high ratio of open space to development footprint to promote biodiversity.

SS Credit 6.2: Stormwater Quality [1 cr.]
Limit disruption and pollution of natural water flows by managing stormwater runoff.

SS Credit 7.1-7.2: Heat Island Effect [2 cr.]
Reduce heat islands (thermal gradient differences between developed and undeveloped areas) to minimize impact on microclimate and human and wildlife habitat.

EA Credit 1.1-1.5: Optimize Energy [4 cr.]
Achieve increasing levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

MR Credit 4.1-4.2: Recycled Content [2 cr.]
Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

GrassProtecta™ Applications

Protect existing soil & tree roots from compaction during construction. Use to Develop designated paths for reduced wildlife disturbance.

Develop functional parking structures and pedestrian paths that have vegetated surfaces to maximize open space.

Use to Stabilize bioswales for the capture, conveyance, and treatment of stormwater.

Reduce solar heat gain by using GrassProtecta™ as a vegetated alternative to hardscapes.

Use on south side of building to reduce solar reflection and heat gain from adjacent access roads, overflow parking lots, or pedestrian areas.

GrassProtecta™ is composed of 20% post-consumer recycled HDPE