



The S.O.L.A.R. Site Stabilization Guide

When it comes to vegetation establishment and erosion control, Profile® produces Nature-based Solutions (NbS) to help develop your solar project to its full potential as a green energy installation. With our simple and comprehensive S.O.L.A.R. approach, you can take advantage of Profile's extensive experience in the energy industry to achieve installation efficiency, regulatory compliance and unlock overall cost savings for your projects.

Fundamentals of Profile S.O.L.A.R. Site Vegetative Solutions

- » Soil Analysis and Amendment Planning
- » Optimize Vegetation
- » Limit Soil Loss
- » Apply Materials According to Plan
- » Review and Inspect Installations and Conduct Maintenance Needs



Discover these resources and more at
ProfileSolarSolutions.com

Design and Free
Soil Testing



Specification
Development

Spec Builder™
ErosionControlSpecs.com

Nature-based
Solutions



Profile Assists Stakeholders to:

Reduce Risk

Proactive stormwater management pays dividends over the life of the project by treating and protecting the soil to help ensure robust vegetation establishment using proven methods. We'll start at the planning stage to identify risks, help your designers develop specifications to mitigate variables, and generate results to meet project goals.

Reinforce Public Acceptance

Profile can assist in implementing site-specific erosion plans for turf-type, native, pollinator and wildlife-friendly solutions. Hydraulically applied methods offer a "one-pass" solution to save time on the jobsite. It's never been easier to gain the social benefits of natural vegetation while reducing emissions and stormwater runoff.

Increase Efficiency and Performance

Studies suggest that sustainable vegetation is good for the bottom line. A well-formulated species composition provides erosion control, protects energy generation infrastructure, cools the surface and can increase panel efficiency while significantly reducing maintenance costs.

Create a Game-Changing Partnership

Profile leads the industry in capability, resources and environmental leadership for site restoration:

- » Comprehensive specifications, soil testing and advanced project resources from design through installation.
- » Sustainably manufactured and recycled products that can reduce the carbon footprint of projects.

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Vegetative Solutions for Solar Sites

Whether you're opening a new solar site or addressing compliance challenges, Profile® has a complete offering of solutions to address multiple soil issues in a single application. Our on-site consultations include soil testing, prescriptive amendments and erosion control design with a nationwide network of distributor and installation partners to help you get the job done.



Advantages of Hydraulic Application

Utilizing a hydraulic application for soil improvement, erosion control and vegetation establishment puts your projects on a fast track with significant time savings. Profile leads the industry with engineered materials that outperform others in vegetation establishment and erosion control performance for utility-scale applications.

Find the Right Solution for Your Unique Site Challenges:

Challenge	Solution	Benefit
Poor Soils (Low pH, Organic Matter and Fertility)	<u>ProGanics® Biotic Soil Media</u>	Promotes healthy soils with dramatic cost savings over topsoil
Erosion Risk and Challenging Vegetation Establishment	<u>ProGanics® DUAL™</u>	Cost-effectively revives soils and controls erosion in one pass
Critical Areas with Erosion Potential	<u>ProMatrix®/Flexterra®</u>	Proven "spray-on blankets" save time and money versus rolled goods
Pond Banks/Ditches/Extreme Slopes	<u>The GreenArmor® System</u>	Provides a vegetated, low-cost alternative to rip rap for concentrated flow areas
Large Acreage Seeding/Dust Control	<u>High-Performance and High-Efficiency hydraulic mulches</u>	Meet your budgets and deadlines with convenient "one-pass" solutions

Invite us to your jobsite! Profile field reps or project partners can pull soil samples, evaluate site risks, and help your team meet project goals. **ProfileSolarSolutions.com**