



Profile® Energy Solutions

Proven Products for Your Toughest Challenges

VEGETATIVE AND SOIL STABILIZATION SOLUTIONS FOR YOUR WELL PAD, TRANSFER STATION AND PIPELINE PROJECTS

A Tough and Proven Heritage All Over the World

Profile® has the most comprehensive line of products for energy companies throughout the world. From the energy fields of Pennsylvania, North Dakota, and Alberta, to elevations of 10,000 feet on slopes in Russia; from the Amazon jungle and the steppes of Mongolia to the banks of the Panama Canal and the world's largest landscape project in the Middle East. Profile partners with companies to find and implement the best solutions to save time, money and reputations.



Prevent Soil Erosion on Your Sites

No one is better equipped to fix bad soil and accelerate vegetation establishment than Profile Products. We're the world's largest producer of the most varied mix of environmentally safe, vegetated erosion control products. Our teams of engineers, agronomists and accredited industry experts know how to get the right results in as few steps as possible on any site. They start with soil tests and prescribe whatever agronomic formulas are necessary to correct soil deficiencies and lay the foundation for sustainable vegetation. They identify the most appropriate plant species and the most effective cover to protect both seed and soil, ensure their proper installation, and direct on going oversight until the job is complete.



If you want a really fast start, you can also get product advice and design guidelines online as well. Check out our PS³ Profile Soil Solution Software on the back of this brochure.

Bottom line—Profile is always the best way to get the job done right the first time.

TESTED UNDER EXTREME CONDITIONS TO ENSURE PERFORMANCE

Profile's erosion control products are tested at the Utah Water Research Laboratory. Its rainfall simulators generate events that exceed most 100-year design conditions using large raindrops that generate up to 6 times the kinetic energy of testing labs used by our competitors. When we stamp percent erosion control effectiveness on a product, we guarantee it has been subjected to the industry's most rigorous laboratory and field testing conditions so you'll have greater factors of safety and peace of mind. When considering products for your site, make sure you are comparing results from the same demanding tests. Nothing compares to Profile erosion control products and solutions!

Flexterra® HP-FGM™

- Ideal for bonding shallow, rocky soils in hard to access areas
- 99% erosion control effectiveness
- Offers superior water-holding capacity to facilitate plant establishment
- Environmentally preferable net-free system that is safe for wildlife
- Fast and easy to install with minimal labor
- Get great results the first time to save time and money
- Functional longevity up to 18 months

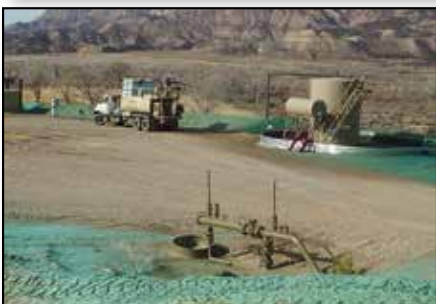


Flexterra® HP-FGM™ on a Drill Pad



Flexterra HP-FGM for Your Toughest Pipeline Challenges

Pipeline projects are some of the most difficult projects to complete. Regulations regarding construction, stormwater compliance and final approval are changing rapidly. Projects are intensely scrutinized, and Profile has solutions to ensure you surpass regulatory compliance.



When the Ultimate Performance of Flexterra is not Required, ProMatrix™ is the One

ProMatrix™ is not a replacement for the ultimate performance of Flexterra® HP-FGM™. However, Engineered Fiber Matrix technology does make it the highest-performing, cost-effective replacement for BFM/SMM products.

- Highest-loading formulation with BFM performance; 60 pounds per 100 gallons of water
- Class-leading erosion control effectiveness meets or exceeds all industry testing standards for BFM/SMM products
- Lasting performance with a Functional Longevity up to 12 months
- Quick germination and rapid vegetative establishment



GreenArmor™ combines Futerra® TRMs and Flexterra HP-FGM to create an engineered matrix that reinforces vegetation to withstand concentrated flow conditions. This unique system protects against elevated levels of hydraulic lift and shear forces while encouraging turf establishment and long-term root reinforcement—growing denser vegetation, faster, in areas where common TRMs have fallen short.

GreenArmor™ Replacing Riprap at a Transfer Station



Seed Aide® Aero™ for Aerial Applications

Dry-applied Seed Aide® Aero™ granules are versatile solutions where conventional erosion control equipment access is limited or unavailable. They are ideal for a range of conditions including remote sites, dryland reclamation, pipeline restoration, drilling pads and aerial applications.



A Topsoil Alternative That Brings Depleted Soils Back To Life

ProGanics™ Biotic Soil Media™ (BSM™) is designed as an alternative to topsoil on challenging and difficult-to-access sites.

- Accelerates the development of depleted soils/substrates with low organic matter, low nutrient levels and limited biological activity
- Helps build soils to their fullest potential for vegetative establishment and more effective erosion control
- Saves time and money where the cost of topsoil is prohibitive
- Quick, easy loading and engineered to shoot smoothly

Let Profile be your erosion control resource and partner on your most challenging jobs — call 1-800-508-8681.



ProPlus® Soil Management Additives



Getting the soils right with ProPlus® Prescriptive Agronomic Formulations

Improve Your Soil to Help Ensure Better Establishment

Balance soil pH quickly with our proprietary, environmentally safe acid and lime products – Aqua-pHix™ and Neutralime®.

Accelerate growth establishment and develop sustainable vegetation with our JumpStart™ and BioPrime™ biostimulants and our new Organi-pHix™ naturally derived fertilizers.

Terra-Tubes® FIBER FILTRATION



The industry's most cost effective storm water treatment device

Terra-Tubes® are designed to effectively trap, filter and treat sediment-laden runoff while reducing hydraulic energy. Independent testing has shown that Terra-Tubes can dramatically reduce turbidity levels of water discharged from your site—helping to ensure your compliance with storm water regulations.



**GREEN DESIGN
ENGINEERING™**
EARTH-FRIENDLY SOLUTIONS
FOR SUSTAINABLE RESULTS™

Green Design Engineering™ is a holistic approach that combines agronomic and engineering expertise with advanced technologies to provide cost-effective and earth-friendly solutions. Profile strives to deliver Green Design Engineering across our team of consulting professionals, innovative products and educational resources.



PS³ is a free, comprehensive 24/7 online resource you can use to design a project and select the right products that address both the physical and agronomic needs of your site. It will help you develop holistic, sustainable solutions for cost-effective erosion control, vegetation establishment and subsequent reductions in sediment and other pollutants from leaving disturbed sites. Because good plans start with the soil, PS³ offers free soil testing to ensure this critical step is considered. To access the site, design your project and take advantage of a free soil analysis, visit www.profileps3.com.



For technical information or distribution, please call 800-508-8681.
For customer service, call 800-366-1180.

For warranty information, visit profileproducts.com.

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