



GREEN DESIGN ENGINEERING™

EARTH-FRIENDLY SOLUTIONS FOR SUSTAINABLE RESULTS™

Profile Products' Green Design Engineering™ creates cost-effective and environmentally superior solutions through the design, manufacture and application of sustainable erosion control and vegetation establishment technologies. By assuring reliable and more successful erosion control through faster and denser vegetation establishment, Green Design Engineering benefits everyone through:

- > affordably achieving and maintaining NPDES Phase II compliance
- > eliminating callbacks and “do-overs” for improved ROI
- > meeting current and proposed EPA protocols to ensure the safety of aquatic and terrestrial life
- > contributing to LEED credits

Even before our products are utilized, Green Design Engineering improves the natural environment. Through the years, Profile Products* has recycled over 2 billion pounds of wood and paper, removing it from the waste stream and returning it to the natural environment.

IMPROVING THE ENVIRONMENT THROUGH “EARTH-FRIENDLY” EROSION CONTROL

The result of Green Design Engineering is sustainable erosion control, even under harsh soil conditions and on severe slopes and channels. This serves as added peace of mind that every site keeps soil and sediment in place—while restoring or creating a natural landscape that's more aesthetically pleasing and more ecologically productive. Through Green Design Engineering, Profile is the industry's true 'green' solutions provider, delivering first-time, cost-effective and long-term success.



Application and Rapid Results: Highway Project



* PROFILE Products LLC, including all subsidiaries, predecessors and acquired companies.

TECHNOLOGIES FOR NATURAL SOLUTIONS

Green Design Engineering™ technologies contribute to today's most effective, cost-efficient and earth-friendly erosion control solutions:

- > The **GreenArmor™ System** is the most reliable vegetated alternative to hard armor
- > **Flexterra® Flexible Growth Medium™ (FGM™)** sets the highest standards of erosion control and vegetation establishment of any advanced hydraulic matrix
- > **Hydro-Blanket® Bonded Fiber Matrix (BFM)** provides a superior, safer, 100% biodegradable alternative to erosion control blankets
- > **Conwed Fibers®, Terra-Mulch®, SoilCover™, Eco-Solutions, Hydro-Spray® and HydroCover™** are the industry's leading brands of 100% recycled wood fiber, blended and cellulose hydraulic mulches
- > A broad array of **ProPlus® Hydro Mulching Solutions** includes organic tackifiers and other earth-friendly additives to enhance erosion control performance
- > Advanced **ProPlus® Prescriptive Agronomic Formulations (PAFs)** optimize vegetation establishment with proven soil neutralizers, biostimulants, organic fertilizers and other natural soil amendments
- > Our products are **non-toxic**, passing EPA ecotoxicity testing protocol to prove they have no dangerous chemicals, heavy metals or residues that can threaten aquatic and terrestrial life
- > Every Profile® product containing Thermally Refined® wood fibers is **phyto-sanitized** — removing potential pathogens and weed contaminants
- > All mulch fibers and tackifiers are **biodegradable**, eliminating the introduction of foreign and potentially hazardous materials into the environment. Standard rolled erosion control blankets can introduce over 170 pounds of plastic netting per acre into the environment — proven to be very dangerous to terrestrial and aquatic life

FULLY INTEGRATED PROCESS: ENGINEERING, AGRONOMIC AND EROSION CONTROL EXPERTISE.



Profile Products' cross-discipline, research and design teams create new technologies, products and tools that continually raise performance standards while benefiting the environment. Tools like Profile Soil Solutions Software (PS³)—the industry's first and only web-based design

and selection tool—integrate erosion control engineering with agronomic excellence. Our highly experienced professionals will help you incorporate the right products to successfully meet the specific challenges of any site.

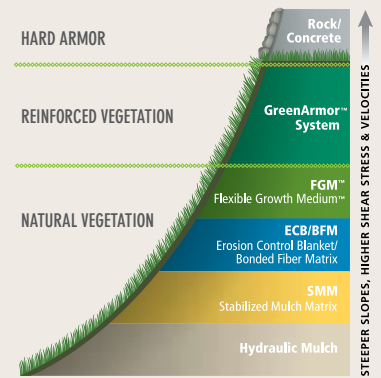
Contact Profile Products online or via phone to put Green Design Engineering to work on your next project. Call (800) 508-8681, go to www.profileproducts.com, or log on to www.ProfilePS3.com.



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Profile utilizes Green Design Engineering™ to provide reliable, sustainable solutions for an expanding range of sites, including slopes, channels, shorelines, water management projects, waste containment sites, fine turf areas and other environmentally sensitive sites. In fact, Green Design Engineering has taken erosion control to a whole new level. Reinforced vegetation can now handle nearly 3 times the velocity and up to 5 times the shear stresses of natural turf—sites that were once the sole domain of hard armor.



Residential Construction: Bella Vista, AR



Mine Project: Northern California



Mechanically Stabilized Earthen (MSE) Wall: Raleigh, NC