

THE GEOSOURCE UPDATE

Geosynthetics | Erosion & Sediment Control | Stormwater Management | Hardscapes

PROJECT HIGHLIGHT

Flexamat Used for Pond Bank Stabilization Long-Term Erosion Control Solution Supplied by ASP Enterprises

Flexamat Vegetated Concrete Revetment is being installed on a residential lake in St. Louis County. Flexamat is a vegetated concrete block mat utilized for stabilizing slopes, channels, low water crossings, inlet/outlet protection, shorelines, etc. and continues to be a top choice for engineers and contractors. It consists of concrete blocks locked together and embedded into a high-strength geogrid with a turf reinforcement mat underlayment all-in-one. The 1.5-inch spacing between the blocks gives the mat flexibility and allows vegetation to grow through.

At this project site, Flexamat will eliminate wave scour from the water and prevent bank erosion with a vegetated system that will blend into its natural surroundings once fully vegetated. As a bonus, the Flexamat also eliminates issues with geese and other animals trying to burrow and dig in the slope. Once fully covered in vegetation, the Flexamat will not only blend into the landscape but can be mowed over and provides long-term hard armor protection resulting in an aesthetically pleasing and structurally stable project site. Shout out to CEL Construction for completing the work!!



PRODUCT PROFILE

Profile Products' Prescriptive Solutions

Growth Stimulants and Soil Enhancement Solutions

Profile® Products' growth stimulants and soil enhancers from the [ProPlus® Prescriptive Solutions](#) line can dramatically increase your odds of successful vegetation establishment. It all starts with a soil test to ensure unique site challenges will be met. From there, you'll get a detailed analysis of the soil, plus recommended prescriptive solutions and application rates to improve soil conditions. Here's a few of the [growth stimulants and soil enhancers](#) that can help make your next project a success.

ProGanics® Biotic Soil Media

Ignite the nutrient cycle process with [ProGanics BSM](#). ProGanics accelerates the development of depleted soils/substrates with low organic matter, low nutrient levels and limited biological activity by providing the soil-building components needed for revitalization. It is an ideal alternative to trucked in topsoil or compost, especially on sites with limited access. And as a hydraulically applied product, ProGanics saves you time and money.

JumpStart™

Accelerate germination and vegetative establishment with [JumpStart](#). JumpStart immediately goes to work with a blend of soil-penetration agents, humic acid and more than 200 species of beneficial soil bacteria to accelerate growth. It promotes faster nutrient uptake and conversion to get plants off to a faster, stronger start by maximizing root development.

BioPrime™

Amend poor soils and enhance long-term vegetation sustainability with [BioPrime](#). BioPrime is a biostimulant with 18-0-0 slow-release nitrogen, humic acid, seaweed extract and endomycorrhizae that enables long-term plant vitality. It promotes the efficiency delivery of micro- and macronutrients and decreases soil compaction that can cause plant stress.



Soil testing at project site to determine what products are needed.

Application of solutions.



Project site that used ProGanics, BioPrime and JumpStart. These pictures show before and after results of the site and how it flourished after the application of Profile's Prescriptive Solutions.

TECHNICAL TALKS WEBINAR SERIES

Join us for our monthly webinars! We answer questions, share technical information and collaborate on projects, plus attendees receive a PDH Certificate for attending. Our goal is to educate attendees on some of the site solutions we can provide.



UPCOMING WEBINARS

Intro to Geosystems Webinar

May 4th, 2022 | 12:30pm-1:30pm CST

[REGISTER HERE](#)



Presto Geosystems is the original inventor of geocell technology. They use their 40 years of experience to provide the highest quality solutions to challenging soil stabilization and site access problems with their geocells, porous pavements and construction mats. You can count on Presto's attention to detail and international support network of trained experts to help reduce project costs and deliver long-term eco-friendly solutions. Join us for our "Intro to Geosystems" webinar to learn more about Presto Geosystems' products and solutions!

Flex MSE Webinar

June 1st, 2022 | 12:30pm-1:30pm CST

[REGISTER HERE](#)



Learn about the Flex MSE Vegetated Wall System in our webinar. This system can be used for retention, slope stabilization, erosion control, landscaping or anywhere land meets water. Learn about this unique system which carries a 120-year design life, a 75-year warranty, and is the first Geosynthetic system in the world to have an internationally recognized EPD (Environmental Product Declaration). Flex MSE offers a low environmental impact solution that installs in 1/2 the time at nearly 1/2 the cost.

EMPLOYEE SPOTLIGHT



Geoffrey Dunker

Inside Sales Representative at Bowman Construction Supply

Geoffrey's parents have owned a garden center in Northeastern Colorado for over 25 years. Because of this, he has always been around the business world and grew up in a retail environment. This environment gave Geoffrey a lot of experience working with customers and dealing with problems. While finishing his college degree, Geoffrey did an internship at Bowman Construction Supply. After graduation, Bowman offered him a full-time inside sales job at our Loveland office, and he has been a part of our team for three years now. Outside of work, Geoffrey enjoys hanging out with his fiancé Marisa, his baby daughter Rhiannon and his chihuahua Boomer.

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ENGINEER'S NOTE



Bill Murphy, P.E.
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From the Desk of Bill Murphy, P.E.

More than just mountains! This is part one of at least a two-part “Engineer’s Note” about water from Colorado. Notice I did not call it “Colorado water” because, as it turns out, not all water that falls on Colorado belongs to Colorado. In fact, more than 18 states receive water from Colorado, much of it from snowmelt. When most of us think of Colorado, we think of mountains and skiing. When the actual snowpack is less than expected, it adversely affects the skiing tourism industry. But the effects of precipitation shortage in Colorado impact so many more people than just the skiers and snowboarders. Colorado residents and at least 18 of their neighboring states suffer increased wildfire risk, reduced agricultural irrigation for livestock and crops, and domestic water concerns.

Why does this matter to us? How we treat and manage stormwater has far-reaching consequences for the general public. Water is life. Too much water is obviously a problem due to flooding. We have a responsibility to help communities protect themselves from flooding. We also have a responsibility to help communities protect their soil and downstream water quality from erosion, sedimentation, and pollution. Our company has tools to protect soil and water and knowledge and experience of where and how to use them. From Muscle Wall for flood protection to our vast array of stormwater management solutions like Rain Guardian, Fabco filters, Cultec chambers and so much more, we want to share our tools with you. Plan ahead and specify the right solutions for your projects. Let us help you protect your water from the top of the Rockies to the rivers, lakes and oceans at the bottom of the watershed. Call us to schedule an in-person or virtual presentation today.

Colorado Watershed River System Map



2022 IECA GREAT CONNECTIONS CONFERENCE

July 26–28, 2022 | St. Louis, MO

Join ASP Enterprises and Quick Supply Co. at the 2022 IECA Great Connections Conference July 26-28 in St. Louis, Missouri! We will have a booth at the conference and look forward to seeing everyone there, so mark your calendars! Learn more and register [here](#).

Stormwater, Erosion Control and Watershed Management professionals are encouraged to participate and learn about the latest techniques and technologies in the industry. The Great Connections Conference is a great way to connect with others in the industry while expanding your knowledge and skill set.

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