SprayMatrix™
FIBER REINFORCED MATRIX

To Us, Effective Erosion Control Is SECOND NATURE®

ADVANCED TECHNOLOGY

Advanced formulation using both wood and engineered fibers, **Thermo-Mechanical** processing and a proprietary blend of **Cross-linked Bonding Agents**. SprayMatrix is specifically developed for solving unique erosion control and revegetation challenges.

EASY APPLICATION

SprayMatrix saves time and labor when combined with seed, fertilizer and soil amendments, by eliminating excess site preparation with its **Simple One-Step Application**.

ULTIMATE PROTECTION

Engineered fibers link together, forming a **Strong** interwoven network, ensuring a more consistent and **Flexible** bond for improved strength, durability and water retention with **Lasting Performance**.

TRUSTED INGREDIENTS

SprayMatrix is 100% **Non-Toxic** and biodegradable with no weed seed or chemicals to inhibit germination and establishment of healthy turf.

MAXIMUM PROFITABILITY

Erosion control projects can be complex and labor intensive. SprayMatrix's unique properties allow for a more efficient application with easy distribution. **Higher Quality Protection + Lower Installation Costs = Superior Project Results.**

central fiber
Dependable, Smart. Naturally.

800.654.6117
www.centralfiber.com

ECTC Erosion Control Technology Council
IECA Cornerstone Member

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TECHNICAL DATA

SprayMatrix is a high performance hydraulically applied Fiber Reinforced Matrix (FRM) comprised of thermo-mechanically processed virgin wood fiber and engineered reinforcing fibers. It comes premixed with a proprietary blend of cross-linked bonding agents and does not require additional binders or other additives to provide superior erosion control. SprayMatrix instantly adheres to the soil providing immediate protection that increases in effectiveness the longer it cures. SprayMatrix provides a functional and economical alternative to more expensive materials. It gets vegetation off to a faster, stronger start by maximizing water and nutrient retention while having the durability to ensure sustainable growth.

Mixing & Application

SprayMatrix Fiber Reinforced Matrix is mixed and applied with a standard hydro seeding machine (mechanically agitated machines are recommended). Mix the FRM with approximately 125 gallons of water per 50 pound bale. Seed, fertilizer, and soil amendments may be added at specified rates to provide a one-step application for hydro seeding and erosion control projects. Apply the FRM with a fan-type nozzle (50° tip), in a cross-directional method, to achieve a minimum of 95% soil surface coverage. Follow the equipment manufacturer's installation instructions and recommendations for operation.

Recommended Application Rates*		
Slope Gradient	US	Metric
≤ 4H to 1V	2500lbs / Acre	2800kg / Ha
≤ 3H to 1V	3000lbs / Acre	3400kg / Ha
≤ 2H to 1V	3500lbs / Acre	3900kg / Ha
≤ 1H to 1V	4000lbs / Acre	4500kg / Ha
> 1H to 1V	4500lbs / Acre	5000kg / Ha
Under Blankets or TRM	1500lbs / Acre	1700kg / Ha
Infill for TRM	3500lbs / Acre	3900kg / Ha

**Rates represent typical conditions & may be modified by the engineer for site requirements; Not recommended for channels or high concentrated flow areas.*

Cleaning

Thoroughly wash/flush equipment exterior and interior (tank, hoses, pump) after application to remove any residue. Material that is allowed to dry becomes difficult to remove.

Product Composition / Property Values

Thermo-Mechanically Processed Virgin Wood Fiber	81% (minimum)
Proprietary Blend of Cross-linked Bonding Agents	14% (maximum)
Engineered Reinforcing Fibers	5% (maximum)
Moisture Content	10% (±3%)
% Effectiveness	99.99% (ASTM 6459)
Functional Longevity	Up to 18 Months
Vegetation Enhancement	400% (minimum [ASTM D7322])
Water Holding Capacity	1300% (minimum [ASTM D7367])
Cure Time	None Required *(Optimal results with up to 24 hour cure time)*
Cover Factor	0.001 (Large Scale Testing)
EcoToxicity	Non-Toxic (EPA 821/R-02/012)
Degradability	100%
Applied Color	Green

Packaging & Shipping

Bag Dimensions, Net Weight	18" x 10" x 26", 50lbs *(UV / Weather-Resistant Plastic)*
Pallet Dimensions, Quantity	46" x 46" x 101", 40 Bags *(UV/Weather-Resistant Stretch-Wrap)*
Full Truckload	22 pallets, 880 Bags

Technical Assistance

Technical Department: (800) 654-6117

Distributed By:

Call 800.654.6117 or visit: www.centralfiber.com/spraymatrix.php

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ECFRM01