



## Specifications

Product Name:	SprayMatrix™ Fiber Reinforced Matrix (FRM)
Revision Date:	August 2015

### 1. Product Identification

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.

### 2. 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.

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 site conditions and may be modified by the engineer for site requirements; Not recommended for channels or high concentrated flow areas.

Follow the equipment manufacturer's installation instructions and recommendations for operation. *Note: Recommend use of slope interruption devices or other water dispersion technology when slope length exceeds 100 ft (30 m).*

### 3. 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.

### 4. 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	99.999% (minimum [ASTM D6459])
Cover Factor	0.001 (maximum [ASTM D6459])
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)
Eco-Toxicity	Non-Toxic (EPA 821/R-02/012)
Degradability	100%
Applied Color	Green

### 5. Packaging and 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 Plastic Stretch-Wrap)
Full Truckload	22 pallets, 880 Bags

For more information, please contact us at: 1 888 298-9911 [www.fibramulch.com](http://www.fibramulch.com)

