



Specifications

Product Name: SprayMatt® Bonded Fiber Matrix (BFM)
Revision Date: August 2015

1. Product Identification

SprayMatt is a hydraulically applied Bonded Fiber Matrix (BFM) manufactured from thermo-mechanical processed virgin wood fibers and a proprietary blend of cross-linked bonding agents. The BFM forms an intimate bond with the soil surface. The BFM is 100% biodegradable, and requires no additional tackifiers or additives to perform effectively as an erosion control technology and a germination catalyst for site re-vegetation. For optimal performance, the BFM may require a 24-48 hour curing period.

2. Mixing & Application

SprayMatt Bonded Fiber Matrix is mixed and applied with a standard hydro seeding machine (mechanically agitated machines are recommended). Mix BFM with approximately 100 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 BFM 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. *Note: Recommend use of slope interruption devices or other water dispersion technology when slope length exceeds 75 ft (23 m).*

Slope Gradient	Recommended Application Rates*	
	US	Metric
≤ 4:1 to ≤ 3:1	3000lbs / Acre	3400kg / Ha
≤ 3:1 to ≤ 2:1	3500lbs / Acre	3900kg / Ha
≤ 2:1 to ≤ 1:1	4000lbs / Acre	4500kg / Ha
≤ 1:1 Slope	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.*

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	90% (minimum)
Proprietary Blend of Cross-linked Bonding Agents	10% (maximum)
Moisture Content	10% (±3%)
% Effectiveness	99.999% (minimum [ASTM D6459])
Cover Factor	0.01 (maximum [ASTM D6459])
Functional Longevity	Up to 12 Months
Vegetation Enhancement	400% (minimum [ASTM D7322])
Water Holding Capacity	1300% (minimum [ASTM D7367])
Cure Time	24 – 48 Hours (Observed)
Eco-Toxicity	Non-Toxic (EPA 821/R-02/012)
Biodegradability	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

6. Technical Assistance

Technical Department: (800) 508-8681