Manufacturer's Specification Certification

S1000BD Single Net Straw Blanket

Contents:	100% weed free straw
Netting:	Single jute, Leno weave Biodegradable
Thread:	Biodegradable
Standard Roll Size:	100.0 sq yards/ 83.6 sq meters (23sy to 1,000sy available)
Standard Width:	8.00 feet/ 2.44 meters (4' to 16' available)
Functional Longevity:	12 months**
Best Use:	3:1 slopes, Low-flow, roadways
	Additional or custom sizes may be available.

S1000BD is a fully Biodegradable blanket. The netting is made from Single jute, Leno weave. The thread is Biodegradable, while the filament of matrix is 100% weed free straw.

Blankets can be produced from 50 SY to 1,000 SY and be from 4 ft. to 16 ft. wide.

As described in Federal Highway Administration's Standard Specification FP-03 in Section 713.17 and as described by ECTC as a Type 2.C.

Test Method Description	MARV*
Mass/Unit Area ASTM D 6475	9.2 oz/ sq yd
Tensile Strength –MD ASTM D 6818	50 lbs/ft*
Tensile Strength –TD ASTM D 6818	50 lbs/ft*
Thickness ASTM D 6525	0.385+ inches*
Light Penetration ASTM D 6567	12.4%
Water Absorption ASTM D 1117, ECTC TASC 00197	448%
Reported Fiber Length, 80 percent greater than	3 inches
Elongation –MD ASTM D 6818	12.4 lb/in
Elongation –TD ASTM D 6818	7.1 lb/in
Vegetated Shear Stress	10lb/ft^2
Vegetated Velocity	18ft/sec
Manning's "n" (0"-6")	0.035 *
Seedling Emergence	409%
C Factor	<0.15@3:1*
Permissible Shear Stress - ASTM D 7207	**1.40lbs/ft.*^{2}***
Permissible rate of flow	**5 ft/s***

*MARV-Expected Minimum Average Roll Value
**Actual longevity is dependent on climate, use and soil conditions

Enviroscape ECM certifies that this product is designed to meet the above criteria and is manufactured to perform as described in the Federal Highway Administration's Standard Specification FP-03 in Section 713.17 and as described by ECTC as a Type 2.C.

_____   **1/13/23**
Mark Deitering - Quality Manager   **Date**

International Erosion Control Association