



## Performance Specifications WF-20SB Erosion Control Blankets

TEST METHOD - DESCRIPTION	PARAMETERS	TEST RESULTS
ASTM D 6818 – Ultimate Tensile Strength/Stain	MD TD	137.1 lb/ft @ % 25.1 96.5 lb/ft @ % 22.9
ASTM D 4595 – Wide Width Strength/Strain	MD TD	123.8 lb/ft @ % 32.1 85.8 lb/ft @ % 26.1
ASTM D 6525 – Thickness	Index Test	0.344 inches
ASTM D 6475 – Mass per Unit Area	Index Test	11 oz/sq.yd.
ASTM D 6567 – Ground Cover / Light Penetration	Index Test	91.7 % / % 11.2
ASTM D 1117 & ECTC-TASC 00197 Water Absorption	Index Test	528 %
ECTC – TASC 00197 – Swell	Index Test	20 %
ASTM D 6524 – Resiliency	Index Test	- 39 %
ASTM D 792 – Specific Gravity Net Only	Index Test	0.899 g/cm3
ECTC – TASC 00197 – Smolder Resistance	Index Test	Yes
ASTM D 6575 – Stiffness	Index Test	1939 mg-cm
ECTC Method 2 – Determination of Unvegetated RECP Ability to Protect Soil From Rain Splash and Associated Runoff Under Bench Scale Conditions.	50 mm (2 in) / hr for 30 min.	Soil Loss Ratio* = 12.39
	100 mm (4 in) / hr for 30 min.	Soil Loss Ratio* = 11.23
	150 mm (6 in) / hr for 30 min.	Soil Loss Ratio* = 9.64
ECTC Method 3 – Determination of Unvegetated RECP Ability to Protect Soil from Hydraulically – Induced Shear Stresses Under Bench Scale Conditions.	Shear: 1.26 psf for 30 min.	Soil Loss = 158.9 g
	Shear: 1.82 psf for 30 min.	Soil Loss = 323.0 g
	Shear: 2.39 psf for 30 min.	Soil Loss = 1093.2 g
	Soil loss curve intercept =	1.89 psf @ ½ - in soil loss
ECTC Draft Method 4 – Determination of Temporary Degradable RECP Performance in	Top Soil; Fescue (Kentucky 31); 21 day incubation; 27 +2 &	% Improvement = 581%

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Encouraging Seed Germination and Plant Growth.	approximately 45+5% RH	(increased biomass)
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\* Soil Loss Ratio = Soil Loss Bare Soil / Soil Loss with RECP = 1 / C-Factor (Note: soil loss is based on regression analysis)

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