



GEOSYNTHETICS

US-2SCNN EROSION CONTROL PRODUCTS

Our US-2SCNN is a double net straw/coconut blanket. Our US-2SCNN temporary erosion control blanket is composed of a 70% weed free agricultural straw and 30% coconut matrix mechanically stitch bound between degradable organic nets. Our US-2SCNN is intended for use on slopes up to 2:1 and in medium flow channels with a functional longevity of up to 24 months. Our US-2SCNN is made in the US.

Test Property	Test Method	Value	
SPECIFIED EXPECTED VALUES			
Tensile Strength MD X TD	ASTM D6818	252 lb/ft x 156 lb/ft	
Elongation MD X TD	ASTM D6818	11% x 11%	
Mass Per Unit Area	ASTM D6475	11.5 oz/sy	
Thickness	ASTM D6525	275 mils	
Light Penetration	ASTM D6567	6%	
Water Absorption	ASTM D1117	440%	
Determination of unvegetated RECP ability to protect soil from rain splash and associated runoff under bench-scale conditions ¹	ASTM D7101	2"/hr for 30 minutes	Soil Loss Ratio* = 31.50
		4"/hr for 30 minutes	Soil Loss Ratio* = 29.65
		6"/hr for 30 minutes	Soil Loss Ratio* = 33.54
Determination of unvegetated RECP ability to protect soil from hydraulically-induced shear stresses under bench-scale conditions ¹	ASTM D7207	Shear: 1.08 psf for 30 min	Soil Loss = 26.7 gm
		Shear: 2.07 psf for 30 min	Soil Loss = 240.0 gm
		Shear: 2.93 psf for 30 min	Soil Loss = 525.0 gm
		Soil loss curve intercept=	2.73 psf @ 0.5" soil loss
Determination of temporary degradable RECP performance in encouraging seed germination and plant growth ¹	ASTM D7322	Top soil; Fescue (Kentucky 31); 21 day incubation; 27±2° & approximately 45±5% RH	% of Concurrent Control
			= 516%
PHYSICAL DESCRIPTION			
Netting- top and bottom net	1" x 0.5" approx. 9.4 lbs/1000sf, made from fully biodegradable Leno woven organic jute fiber		
Thread	Fully biodegradable jute yarn, 2" transverse stitch spacing		
Matrix	70% straw fibers / 30% coconut, 0.55 lbs/sy		
Special Features	Rolls have 4" folded edges creating a stronger blanket and cleaner edge		
PACKAGING DETAILS			
Roll Width	Measured	8 ft and 16 ft	
Roll Length	Measured	112.5 ft and 562.5 ft	
Roll Area	Measured		
Roll Weight	Measured		
Packaging specifics	All rolls are wrapped tightly with stretch wrap to protect the erosion control product from weather and elements		

NOTE

*Soil Loss Ratio = Soil Loss Bare/Soil Loss with RECP = 1/C-Factor

¹ Values developed by TRI/Environmental Inc. using Bench Scale and Large Scale testing for AASHTO's National Transportation Product Evaluation Program

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Core & Main Geosynthetics
P. O. Box 640 Willacoochee, GA 31650
Direct Phone: 912-534-6071 **Toll Free:** 800-948-7870
coreandmain.com/geosynthetics