US EROSION CONTROL PRODUCTS

MATERIALS DATA SHEET:

Product Name: **US-2SC Double Net 70/30 Straw/Coconut**
Manufacturer: US Erosion Control Products, Inc.
Physical Description:

Size: Available in an 8' widths and 112.5' length

Plastic: 1 top layer of .588" x .5" opening, approximately 30 lbs/1000 yd^2 photo stabilized black polypropylene plastic. 1 Bottom layer of .588" x .5", approximately 15 lbs/1000 yd^2 photo degradable plastic.

Thread: 1200 denier UV stabilized split yarn

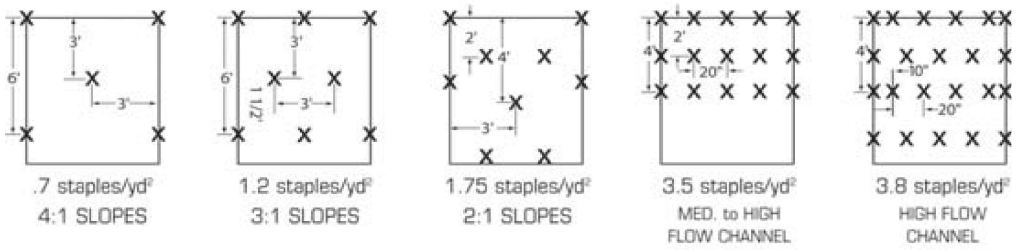
Matrix: 70% Straw fibers and 30% coconut fibers, .55 lbs/yd^2

Packaging: All rolls are wrapped tightly with stretch wrap to protect the rolled erosion control product from the weather and elements.

Special Features: US-2SC has a 4" folded edge on both sides of the 8' blanket creating a stronger blanket and cleaner edges.

Recommended Applications: US-2SC is recommended for use on slopes up to 2:1-1:1 and in medium flow channels.

Recommended Installation pattern: The leading edge is to be trenched into a 6" deep trench and the blanket is to be placed parallel to the anticipated water flow. When more than 1 blanket is required, they are to be overlapped 6" on all overlapping sides and tiled in a shingle type pattern as to not let the water underneath the blanket.



Test Method - Description	Parameters	Test Result
ASTM D 6475 - Mass per Unit Area	Index Test	9.75 oz/sq.yd.
ASTM D 6818 – Ultimate Tensile Strength / Strain -	Index Test	21.2 lb/in@% 23.9
- TD		15.6 lb/in@% 25.1
ASTM D 6525 – Thickness	Index Test	349 mils
ASTM D 6567 - Ground Cover / Light Penetration	Index Test	93.4 % / % 6.6
ASTM D 1117 & ECTC-TASC 00197 - Water Absorption	Index Test	271 %
ASTM D 7101 - 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* = 16.57
	100 mm (4 in.) / hr for 30 min.	Soil Loss Ratio* = 17.80
	150 mm (6 in.) / hr for 30 min.	Soil Loss Ratio* = 19.11
ASTM D 7207 - Determination of Unvegetated RECP Ability to Protect Soil from Hydraulically-Induced Shear Stresses Under Bench-Scale Conditions	Shear: 1.94 psf for 30 min.	Soil Loss = 431.7 g
	Shear: 2.56 psf for 30 min.	Soil Loss = 438.3 g
	Shear: 3.18 psf for 30 min.	Soil Loss = 816.7 g
	Soil loss curve intercept =	2.22 psf @ ½-in soil loss
ASTM D 7322 - Determination of Temporary Degradable RECP Performance in Encouraging Seed Germination and Plant Growth	Top soil; Fescue (Kentucky 31); 21 day incubation; 27±2° & approximately 45±5% RH	% of Control = 474% (increased biomass)
* 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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Leader In Erosion Control Blankets & Wattles