PRODUCT DATA SHEET

EROSIONTECH ETSC 70/30 70% Straw 30% Coir Blanket FHWA FP-03 Class IIIB

ETSC 70/30 is a Type 3B-Extended Term Erosion Control Blanket. The 70% Straw-30% mattress grade coir fiber matrix is mechanically bound between a Top Layer of Heavy Duty UV Stabilized Netting and a Bottom Layer of Medium Weight Green Netting. The blanket is mechanically bound (stitched) by parallel stitching with UV-Stabilized High Denier Polypropylene thread.
The product is engineered to maintain high tensile strength and elongation properties under saturated/shear stress conditions while continuing to promote accelerated seedling emergence. Functional longevity of ETSC 70/30 is typically 24 months however actual results may vary depending on climatic and soil conditions.

PROPERTY	TEST METHOD	*MARV VALUES	
		ENGLISH	METRIC
Physical			
Mass/Unit Area	ASTM D 6566	9 oz/yd^2	
Thickness	Measured	285 mils	
Light Penetration (%Passing)	ASTM D 6567	92.4%	
Color	Visual	Natural/Tan	
Mechanical			
Tensile Strength	ASTM D 6818	241 X 132 lb/ft	
Elongation	ASTM D 6818	27.5%(max)	
Design Performance			
Velocity (Un-Vegetated)	**Calculated	8ft/s	
Shear Stress (Un-Vegetated)	ECTC #3	2.50lbs/ft	
Maximum C Factor (Unvegetated)	**ASTM 6459	.023	
Seedling Emergence	ECTC Test Method #4	255%	
Roll Sizes		8X112.5'/16'X112.5'	

Notes:
1. Property Values have been compiled since 2008 and are subject to change without notice
2. Permissible Velocity and Shear Stress have been obtained through large scale test programs featuring specific soil types, vegetation classes, flow conditions, anchor methods, and failure criteria. These conditions may not be relevant to every project nor can they be replicated by other manufacturers. Please contact your Erosion Tech representative for farther information.
3. Marv Values Represent the Minimum Average Roll Values from Random Samples taken in accordance with NTPEP and AASHTO Requirements.
4. The customer and user of the product should assume ultimate responsibility for determining the suitability of ETSC 70/30 on their projects