



# PRODUCT DATA SHEET

## EROSIONTECH ETRS2 BN Double Net Excelsior Blanket Type IID (100% Biodegradable)

ETRS2 BN is an FHWA Type IID Temporary Erosion Control Blanket. It is composed of a matrix of 100% Agricultural Wheat Straw. The fibers are evenly distributed between two layers of biaxially oriented Jute netting. The matrix is mechanically bonded (stitched) using biodegradable thread. ETRS2 BN is designed to protect and stabilize slopes and channels from erosive forces. Functional longevity of ETRS2BN is 12 months. Results may vary dependant on soil and climatic conditions.

		*MARV VALUES	
PROPERTY	TEST METHOD	ENGLISH	METRIC
<b>Physical</b>			
Mass/Unit Area	ASTM D 6566	9.5 oz/yd <sup>2</sup>	
Thickness	ASTM D 6525	292 mils	
Ground Cover Light Penetration (%Passing)	ASTM D 6567	93%	
Color	Visual	Natural	
<b>Mechanical</b>			
Tensile Strength	ASTM D 6818	220lb/ft	
Elongation	ASTM D 6818	14%	
Water Absorption	ASTM D 1117	418%	
Flexibility	ASTM D 6575	No Results	
<b>Design Performance</b>			
Velocity (Unvegetated)	ASTM 6460	10ft/s	
Shear Stress (Unvegetated)	ASTM 6460	2.6 lb/ft <sup>2</sup>	
"C" Factor	ASTM 6459	0.027	
Roll Sizes		8'X112.5', 16'X112.5'	

- Notes:
- Property Values have been compiled since 2007 and are subject to change without notice
  - 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.
  - Marv Values Represent the Minimum Average Roll Values from Random Samples taken in accordance with NTPEP and ASHTO Requirements.
  - The customer and user of the product should assume ultimate responsibility for determining the suitability of ETRS2BN on their projects

