



# PRODUCT DATA SHEET

## EROSIONTECH ETX2 BN Double Net Excelsior Blanket Type IID (100% Biodegradable)

ETX2 BN is an FHWA Type IID Temporary Erosion Control Blanket. It is composed of a matrix of 100% excelsior fibers. The fibers are evenly distributed between two layers of biaxially oriented Jute netting. The matrix is mechanically bonded (stitched) using biodegradable thread. ETX2 BN is designed to protect and stabilize slopes and channels from erosive forces. Functional longevity of ETX2BN is 18 to 24 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	11 oz/yd <sup>2</sup>	
Thickness	ASTM D 6525	350 mils	
Light Penetration (%Passing)	ASTM D 6567	75%	
Color	Visual	Natural	
<b>Mechanical</b>			
Tensile Strength	ASTM D 6818	200lb/ft	
Elongation	ASTM D 6818	29%	
Water Absorbtion	ASTM D 1117	202%	
Flexibility	ASTM D 6575	No Results	
<b>Design Performance</b>			
Velocity (Unvegetated)	Calculated	9ft/s	
Shear Stress (Unvegetated)	Calculated	2lb/ft <sup>2</sup>	
"C" Factor	Calculated	0.03	
Roll Sizes		8'X90', 16'X90', 4x180	

- 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 ETX2 HV on their projects

