



# ETX-2-BN Erosion Control Blanket

## ETX-2-BN Double Biodegradable Net Excelsior Blanket (100% Biodegradable)

ETX-2-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. ETX-2-BN is designed to protect and stabilize slopes and channels from erosive forces. Functional longevity of ETX-2-BN is 18 to 24 months. Results may vary dependent on soil and climatic conditions.

Part Numbers	ETC-2-100-BN	ETC-2-200-BN	ETC-2-500-BN	ETC-2-1000-BN
Blanket Size	8 ft x 112.5 ft	16 ft x 112.5 ft	8 ft x 562.5 ft	16 ft x 562.5 ft
Rolls per Pallet	25	25	4	4
Rolls per Truck Load	600	300	96	48
Netting	Double Biaxially Oriented Net - Natural/Biodegradable/Jute			
Opening Size	0.5 in x 0.5 in			
Stitching Thread	Natural/Biodegradable			
Stitching Frequency	2 in			
Fill	100% Excelsior			
Packaging	Each Roll is Individually Stretched Wrapped with a Label			

*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	
Ground Cover/Light Penetration (%Passing)	ASTM D 6567	75%	
Color	Visual	Natural	
<b>Mechanical</b>			
Tensile Strength	ASTM D 6818	200 lb/in	
Elongation	ASTM D 6818	29%	
Water Absorption	ASTM D 1117	202%	
Flexibility	ASTM D 6575	No Results	
<b>Design Performance</b>			
Velocity (Unvegetated)	Calculated	9ft/s	
Shear Stress (Unvegetated)	Calculated	2 lb/ft <sup>2</sup>	
C Factor	Calculated	.03	

Notes:

- Property Values have been compiled since 2007 and are subject to change without notice
- Permissible Velocity, Shear Stress, and C Factor 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 AASHTO Requirements.
- It is the responsibility of the project owner/engineer to determine the ultimate suitability of ETX-2-BN for their project.

