



## 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 12 months. Results may vary dependent on soil and climatic conditions.

| Part Numbers         | ETX-2-100-BN                                               | ETX-2-200-BN     | ETX-2-500-BN    | ETX-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 | 650                                                        | 300              | 104             | 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.