Erosion Control Blanket

Jute Netting (**B**io) – **D**ouble **N**et – **A**spen **E**xcelsior (**BDNAE**)

Manufactured for slopes 1.5:1 (H:V) and medium flow channels, this blanket provides immediate erosion control and supports rapid vegetation growth. Filled with high-quality aspen Wood Wool fibers, it helps retain moisture and stabilize soil naturally. Stitched between two 100% biodegradable Jute netting, this blanket is an eco-friendly solution for sensitive environments. Typical functional lifespan is up to 24 months, depending on site conditions and climate. Ideal for use in roadside ditches, embankments, and general landscaping.

Properties	Manufacture Designed Values
Width	8.0 ft (2.4 m) or 16 ft (4.4m)
Length	112.5 ft (34.29 m)
Area	100.0 yd^2 (83.6 m^2)
Weight*	73.0 lb (33.1 kg)
Fiber Count	≈7,000 per yd^2 (≈8,400 per m^2)
Fiber Length (80% min.)	≥6.0 in (≥15.2 cm)
Mass Per Unit Area (± 10%)	0.73 lb/yd^2 (0.40 kg/m^2)
Net Openings	1.0 in x 2.0 in% (25.4 mm x 50.8 mm)
Fill	100% Wood Wool Aspen Excelsior (80% ≥ 6 inches)
Longevity	Extended Term - est. 24 months
Mass Per Unit Area	10.2 oz/sq/yd
Tensile Strength	MD - 22.0 lb/in
Thickness	0.418 in
Light Penetration	18%
Water Absorption	271%
Unvegetated Bench-Scale Rain Splash and Runoff	Soil Loss Ratio† = 7.35 @ 2 in/hr Soil Loss Ratio† = 9.7 @ 4 in/hr Soil Loss Ratio† = 12.9 @ 6 in/hr C Factor ≤ 0.05
Unvegetated Bench-Scale Shear Stress	2.3 psf @ ½ in soil loss (108 Pa)
Seed Germination (ASTM Method)	271%

*weight is based on a dry fiber weight basis at time of manufacture

Shipping From:
#50-183073 RR 150,
Brooks, Alberta T0J 2A0
Canada, County of Newell

The values presented are based on performance data from products manufactured using equivalent materials and comparable erosion control blanket machinery. As BMP-BDNAE are produced using the newest state-of-the-art machine, final performance metrics may improve upon receipt of certified third-party laboratory results, expected Summer 2025.