



Erosion Control Blanket

Standard – Double Net – Aspen Excelsior (SDNAE)

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 synthetic nets, BMP-SDNAE provides an effective and cost-efficient solution to soil erosion and sedimentation control. 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	9.12 oz/sq/yd
Tensile Strength	MD - 10.6 lb/in XD - 8.0 lb/in
Thickness	0.418 in 1.06 cm
Light Penetration	18%
Water Absorption	380%
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)	334%

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

Shipping From:
#50-183073 RR 150,
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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-SDNAE are produced using the newest state-of-the-art machine, final performance metrics will likely improve upon receipt of certified third-party laboratory results, expected Summer 2025.

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