



ADS 00S1AN EROSION CONTROL BLANKET SPECIFICATION

Scope

This specification describes ADS 00S1AN erosion control blanket.

Erosion Control Blanket Requirements

ADS 00S1AN all natural temporary erosion control blanket is composed of a certified weed free agricultural straw matrix mechanically (stitch) bonded on two inch centers to a single biodegradable, jute/scrim net. Straw utilized in manufacturing the 00S1AN is certified weed free. Thread utilized in the construction of the blanket is biodegradable cotton. ADS 00S1AN is recommended for use in channels or slopes requiring erosion protection for a period up to twelve (12) months. Actual field longevity is dependent on soil and climatic conditions.

Each roll of ADS 00S1AN all natural is manufactured in the U.S.A. under a quality assurance program to ensure a continuous distribution of fibers and consistent thickness. Verifiable values are provided in Table 1 and product characteristics are provided in Table 2. Values provided in Tables 1 and 2 represent expected values at the time of manufacture. Installation instructions and performance data are available from ADS Geosynthetics Technical Support Division. ADS 00S1AN conforms to the physical property values listed below:

Erosion Control Blanket Properties

Property	Test Method	Units	Value
Tensile Strength (MD) x (TD)	ASTM D6818	lb/in (kN/m)	9.0" x 6.3" (1.6 x 1.1)
Elongation	ASTM D6818	%	20 x 20
Mass per Unit Area	ASTM D6475	oz/yd ² (g/m ²)	8.0 (271)
Thickness	ASTM D6525	in (mm)	0.28 (7)
Light Penetration	ASTM D6567	% open	22
Water Absorption	ASTM D1117	%	450

Netting

Net	Biodegradable, Jute Scrim (Leno Weave)
Net Opening Dimensions	0.5" x 1.0" (13 x 25 mm)

ADS 00S1AN is available in multiple roll sizes ranging in width from 8.0 - 16.0 feet (2.4 - 4.8 m) and 112.5 feet (34.2 m) in length. Standard roll sizes are 100 square yards (83.6 square meters), measuring 8.0 feet (2.4 m) wide by 112.5 feet (34.2 m) long. Custom roll sizes are available upon request.