



ADS GEOSYNTHETICS 00S2AN EROSION CONTROL BLANKET

Scope

This specification describes ADS Geosynthetics 00S2AN erosion control blanket.

Erosion Control Blanket Requirements

ADS Geosynthetics 00S2AN all natural temporary erosion control blanket is composed of a 100% High Altitude Rocky Mountain Aspen Excelsior matrix mechanically (stitch) bonded on two inch centers between two bio-degradable, jute/scrim nets. The excelsior matrix consists of curled, machine produced fibers with greater than eighty percent longer than six inches. Stitching is comprised of cotton thread. ADS Geosynthetics 00S2AN all natural blanket is available in natural color or dyed green and is recommended for use in channels or slopes requiring erosion protection for a period up to twenty-four months. Actual field longevity is dependent on soil and climatic conditions.

Each roll of ADS Geosynthetics 00S2AN all natural is manufactured 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 Tables 2 and 3. Values provided in Tables 1, 2 and 3 represent expected values at the time of manufacture. Installation instructions and performance data are available from ADS Geosynthetics Technical Support Division. ADS Geosynthetics 00S2AN conforms to the physical property values listed below:

Erosion Control Blanket Properties

Tested Property	Test Method	Value	Units
Tensile Strength	ASTM D6818	16.0 (MD) 11 (TD)	lb/in
Elongation	ASTM D6818	20.0 (MD) 20.0 (TD)	%
Mass per Unit Area	ASTM D6475	11.5	oz/yd ²
Thickness	ASTM D6525	12.0	mm
Light Penetration	ASTM D6567	28	% open
Water Absorption	ASTM D1117	275	%

Top Net	Biodegradable Jute/Scrim (Leno Weave)
Bottom Net	Biodegradable Jute/Scrim (Leno Weave)
Top Net Opening	0.5 in x 1.0 in (Nominal)
Bottom Net Opening	0.5 in x 1.0 in (Nominal)

Style	Narrow	Wide
Roll Width	8 ft	n/a
Roll Length	112.5 ft	n/a
Coverage	100 yd ²	n/a
Roll Weight	81 lbs	n/a