



ADS GEOSYNTHETICS 0CS2TT EROSION CONTROL BLANKET

Scope

This specification describes ADS Geosynthetics 0CS2TT erosion control blanket.

Erosion Control Blanket Requirements

ADS Geosynthetics 0CS2TT extended term erosion control blanket consists of 30% coconut fibers and 70% certified noxious weed free agricultural straw manufactured into a continuous matrix. The coconut/straw matrix is confined by a photodegradable, synthetic net on top and bottom, mechanically (stitch) bound on two inch centers. ADS Geosynthetics 0CS2TT is intended for applications requiring up to twenty-four months of functional longevity. Actual field longevity is dependent on soil and climatic conditions.

Each roll of ADS Geosynthetics 0CS2TT is manufactured under a quality assurance program to ensure a continuous distribution of fibers and consistent thickness. Verified 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 0CS2TT conforms to the physical property values listed below:

Erosion Control Blanket Properties

Table 1 - Verified Values			
Tested Property	Test Method	Value	Units
Tensile Strength	ASTM D6818	13.0 (MD), 10.7 (TD)	lb/in
Elongation	ASTM D6818	31 (MD), 29 (TD)	%
Mass per Unit Area	ASTM D6475	8.9	oz/yd ²
Thickness	ASTM D6525	8.5	mm
Light Penetration	ASTM D6567	10	% open
Water Absorption	ASTM D1117	325	%

Table 2 - Netting	
Top Net	Synthetic UV Stabilized Photo-degradable
Bottom Net	Synthetic Photo-degradable
Top Net Opening	0.75 in x 0.75 in (Nominal)
Bottom Net Opening	0.50 in x 0.54 in (Nominal)

Table 3 - Roll Dimensions		
Style	Narrow	Wide
Roll Width	7.5 ft	15.0 ft
Roll Length	120 ft	120 ft
Coverage	100 yd ²	200 yd ²
Roll Weight	62 lbs	124 lbs