



## ADS 00C2AN EROSION CONTROL BLANKET SPECIFICATION

### Scope

This specification describes ADS 00C2AN 100% coconut all natural erosion control blanket.

### Erosion Control Blanket Requirements

ADS 00C2AN consists entirely of coconut fibers manufactured into a matrix of uniform thickness and coverage. The coconut matrix is confined by a biodegradable, jute/scrim net on top and bottom with a biodegradable, cotton thread. Actual field longevity is dependent on soil and climatic conditions.

Each roll of ADS 00C2AN is manufactured 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.

### Erosion Control Blanket Properties

Property	Test Method	Unit	Value
Thickness	ASTM D6525	in. (mm)	0.28 (7)
Mass per Unit Area	ASTM D6566	oz/sy (g/m)	9.0 (300)
Tensile Strength	ASTM D6818	lbs/ft (kN/m)	210 (3.1) MD; 190 (2.8) TD
Elongation	ASTM D6818	%	15 MD, 15 TD
Density/Specific Gravity	D792	-	-
Light Penetration	ASTM D6567	%	15
Biomass Improvement	ASTM D7322	%	500
Water Absorption	ASTM D1117	%	300

### Packaging

Roll Dimensions (W x L) - ft. (m)	8 x 112 (2.4 x 34.1)/16 x 563 (4.9 x 171.0)
Area yds <sup>2</sup> (m <sup>2</sup> )	100 (83.6)/1,000 (836.0)
Weight ±10% lb (kg)	56.3 (25.6)/563 (256)

### Design Parameters

Property	Unvegetated	Vegetated <sup>3</sup>
RUSLE C Factor <sup>2</sup>	0.02	N/A
Slope Maximum Gradient <sup>1</sup>	1H:1V	N/A
Permissible Shear Stress <sup>2</sup>	2.5 psf (120 Pa)	N/A
Permissible Velocity <sup>2</sup>	9.0 fps (2.7 m/s)	N/A

1. Maximum Gradient a recommendation for typical installations.
2. Hydraulic thresholds compliant with ASTM D6459/D6460 but generalized for typical applications.
3. Vegetated values dependent on established stand of vegetation.