



ADS 00C2TT EROSION CONTROL BLANKET SPECIFICATION

Scope

This specification describes ADS 00C2TT erosion control blanket.

Erosion Control Blanket Requirements

ADS 00C2TT consists of a machine produced, clean 100% coconut fiber matrix, manufactured for consistent coverage and thickness. The coconut matrix is confined by a UV stabilized degradable, synthetic net on top and bottom. Actual field longevity is dependent on soil and climatic conditions.

Each roll of ADS 00C2TT is manufactured under a quality assurance program to ensure a continuous distribution of fibers and consistent thickness. 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 00C2TT conforms to the physical property values listed below:

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 (305) |
| Tensile Strength | ASTM D6818 | lbs/ft (kN/m) | 280 (4.1) MD; 180 (2.6) TD |
| Elongation | ASTM D6818 | % | 25 MD, 25 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 ² (m ²) | 100 (83.6)/1,000 (836.0) |
| Weight ±10% lb (kg) | 56.3 (25.6)/563 (256) |

Design Parameters

| Property | Unvegetated | Vegetated ³ |
|---------------------------------------|-------------------|------------------------|
| RUSLE C Factor ² | 0.02 | N/A |
| Slope Maximum Gradient ¹ | 1H:1V | N/A |
| Permissible Shear Stress ² | 2.3 psf (110 Pa) | N/A |
| Permissible Velocity ² | 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.