



Material Properties and Dimensions



Description

Western Excelsior manufactures a full line of Rolled Erosion Control Products (RECPs). The Coconut/Straw Excel CS-3 All Natural 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 biodegradable, jute/scrim net on top and bottom, mechanically (stitch) bound on two inch centers with a biodegradable, cotton thread. Excel CS-3 All Natural is intended for slope or channel erosion control applications requiring up to twenty-four months of functional longevity. Actual field longevity is dependent on soil and climatic conditions.

Specifications

Each roll of EXCEL CS-3 All Natural is manufactured under Western Excelsior's 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 Western Excelsior's Technical Support Division.

Tested Property	Test Method	Value	Units
Tensile Strength	ASTM D6818	16.0 (MD), 11.0 (TD)	lb/in
Elongation	ASTM D6818	20.0 (MD), 20.0 (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	%

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	8.0 ft	16.0 ft
Roll Length	112.5 ft	112.5 ft
Coverage	100 yd ²	200 yd ²
Roll Weight	62 lbs	110 lbs

Document # WE_EXCEL_CS3AN_SPEC. This document has been developed to provide the characteristic properties of the product described. For questions, to request performance data or installation recommendations, contact Western Excelsior at 800-967-4009 or wexcotech@westernexcelsior.com. Updated 02/10.