Material Properties and Dimensions

Excel CC-4™

Specifications

Western Excelsior manufactures a full line of Rolled Erosion Control Products (RECPs). Excel CC-4 consists of a machine produced, clean coconut fiber matrix, manufactured for consistent coverage and thickness. The coconut matrix is confined by a UV stabilized photodegradable, synthetic net on top and bottom, mechanically (stitch) bound on two inch centers. Excel CC-4 is intended for slope or channel erosion control applications requiring up to thirty-six months of functional longevity. Actual field longevity is dependent on soil and climatic conditions.

Each roll of EXCEL CC-4 is made in the USA and manufactured under Western Excelsior's Quality Assurance Program to ensure a continuous distribution of fibers and consistent thickness. Typical manufactured properites are provided in Table 1 and product characteristics are provided in Table 2.

Table 1- Specified Expected Values

Tested Property	Test Method	Value
Tensile Strength (MD) x (TD)	ASTM D6818	18.4 lb/in (3.2 kN/m) x 12.7 lb/in (2.2 kN/m)
Elongation (MD) x (TD)	ASTM D6818	25 % x 25 %
Mass Per Unit Area	ASTM D6475	9.5 oz/yd^2 (322 g/m^2)
Thickness	ASTM D6525	0.26 in (7 mm)
Light Penetration	ASTM D6567	15 % open
Water Absorption	ASTM D1117	250 %

Table 2 - Netting

Top Net Type	Synthetic, UV Stable
Bottom Net Type	Synthetic, UV Stable
Top Net Opening Dimensions	0.7 in (17 mm) x 0.7 in (17 mm)
Bottom Net Opening Dimensions	0.7 in (17 mm) x 0.7 in (17 mm)

Excel CC-4 is available in multiple roll sizes ranging in width from 8.0 ft to 16.0 ft. and 112.5 ft to 600 ft in length. Standard roll sizes are 100 square yards, measuring 8.0 ft wide by 112.5 ft long. Custom roll sizes are available upon request.