

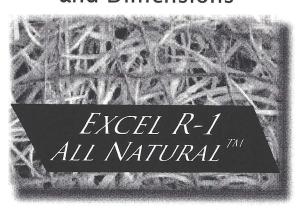








Material Properties and Dimensions



Description

Western Excelsior manufactures a full line of Rolled Erosion Control Products (RECPs). Excel R-1 All Natural temporary Erosion Control Blanket (ECB) is composed of a 100% High Altitude Rocky Mountain Aspen Excelsior matrix mechanically (stitch) bonded on two inch centers to a single biodegradable, jute/scrim net. The excelsior matrix consists of curled, machine produced fibers with greater than eighty percent longer than six inches. Stitching is comprised of cotton thread. Excel R-1 All Natural blanket is available in natural color or dyed green and is recommended for use in channels or slopes requiring erosion protection for a period up to eighteen months. Actual field longevity is dependent on soil and climatic conditions.

Specifications

Each roll of EXCEL R-1 All Natural is manufactured under Western Excelsior's 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 Western Excelsior's Technical Support Division.

Table 1 - Verified Values				
Tested Property	Test Method	Value	Units	
Tensile Strength	ASTM D6818	9.0 (MD) 6.3 (TD)	lb/in	
Elongation	ASTM D6818	20.0 (MD) 20.0 (TD)	%	
Mass per Unit Area	ASTM D6475	11.5	oz/yd²	
Thickness	ASTM D6525	12.0	mm	
Light Penetration	ASTM D6567	28	% open	
Water Absorption	ASTM D1117	275	%	

Document # WE_EXCEL_RIAN_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 2/09.

Table 2 - Netting			
Top Net	Biodegradable Jute/Scrim (Leno Weave)		
Bottom Net	N/A		
Top Net Opening	0.50 in x 0.50 in (Nominal)		
Bottom Net Opening	N/A		

Table 3 - Roll Dimensions				
Style	Narrow	Wide		
Roll Width	8 ft	N/A		
Roll Length	112.5 ft	N/A		
Coverage	100 yd²	N/A		
Roll Weight	81 lbs	N/A		