



# Material Properties and Dimensions

## Excel SS-2 Rapid Go™



### Specifications

Western Excelsior manufactures a full line of Rolled Erosion Control Products (RECPs). Excel SS-2 Rapid Go temporary Erosion Control Blanket (ECB) is composed entirely of a straw matrix mechanically (stitch) bonded on two inch centers between two photodegradable, synthetic nets. The netting of the SS-2 Rapid Go ECB is treated to accelerate the degradation process. The straw matrix consists of weed free agricultural straw. Excel SS-2 is recommended for use in channels or slopes requiring erosion protection for a period forty-five to ninety days. Actual field longevity is dependent on soil and climatic conditions.

Each roll of EXCEL S-2 Rapid Go 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	10.7 lb/in (1.9 kN/m) x 6.2 lb/in (1.1 kN/m)
Elongation (MD) x (TD)	ASTM D6818	20 % x 26 %
Mass Per Unit Area	ASTM D6475	8.0 oz/yd <sup>2</sup> (271 g/m <sup>2</sup> )
Thickness	ASTM D6525	0.28 in (7 mm)
Light Penetration	ASTM D6567	22 % open
Water Absorption	ASTM D1117	450 %

Table 2 - Netting

Top Net Type	Synthetic, Rapid Photodegradable
Bottom Net Type	Synthetic, Rapid Photodegradable
Top Net Opening Dimensions	0.5 in (13 mm) x 0.5 in (13 mm)
Bottom Net Opening Dimensions	0.5 in (13 mm) x 0.5 in (13 mm)

Excel SS-2 Rapid Go 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.

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