



ENVIRONMENTAL CONSTRUCTION SOLUTIONS

Specifications for Coir 900 Matting

Coir 900 is a biodegradable erosion control fabric made up of a single layer of continuously woven coir (coconut fiber) matting. It is designed to be used on slopes, shorelines and streamlines for erosion & sediment control. It is also designed to hold seed intact during the establishment of vegetative cover. Coir Matting is an environmentally friendly product.

Property	Test Method	Coir 900
Weight	ASTM D 3776	26.54 oz/sq.yd (900 g/sq.m)
Tensile Strength Machine Direction	ASTM D 4595	1648 x 670 lbs/ft
Elongation at Failure Wet Machine Direction	ASTM D 4595	42% x 32%
Flexibility (Mg-Cm)		89270 x 9360
Longevity		4-6 years
Open Area	Calculated	39%
"C" Factor		0.002
Thickness	ASTM D 1777	0.30 in
Minimum Twine Count MD x CD (per foot)		27 x 18
Recommended Slope		>1:1
Flow Velocity		Observed 16 fps (4.88 m/s)
Shear Stress		5 lbs/sq.ft (215 N/sq.m)