



Detailed Technical Specifications for **FC COIR MAT 900G**

Property	Test Method	Values
Material		100% Natural & Biodegradable Coir/Coconut fiber yarns - Environment Friendly
Thickness	ASTM D 5199	9 mm (0.35 Inch)
Mass per Unit Area	ASTM D 5261	900 gsm/sq.mtr (26.5 oz/sqyd)
Open Area (%)	Measured	38%
Wide Width Tensile - Dry MD X CD	ASTM D 4595	1960 x 1410 lbs/ft
Wide Width Tensile - Wet (MD X CD)	ASTM D 4595	1258 x 760 lbs/ft
Elongation at Failure - Dry (%) MD X CD	ASTM D 4595	46 % x 34 %
Elongation at Failure - Wet (%) MD X CD	ASTM D 4595	43 % x 39 %
Slope (Recommended)	Observed	>1:1
Water Flow Velocity	Observed	16ft/sec
Water Absorption	ASTM D 1117	132%
Shear Stress	ASTM D 5321- 92	5 lbs./sqf (239 N/sqm)
Function Longevity		4 -6 years

Standard Roll Sizes : 2m x 50m – 120 sy/Roll
4m x 25m – 120 sy/Bale