



Detailed Technical Specifications for **FC COIR MAT 700G**

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	700 gsm/sq.mtr (20.6 oz/sqyd)
Open Area (%)	Measured	50%
Wide Width Tensile - Dry (MD X CD)	ASTM D 4595	1500 x 1030 lbs/ft
Wide Width Tensile - Wet (MD X CD)	ASTM D 4595	920 x 680 lbs/ft
Elongation at Failure - Dry (%) MD X CD	ASTM D 4595	40 % x 36 %
Elongation at Failure - Wet (%) MD X CD	ASTM D 4595	68 % x 48 %
Slope (Recommended)	Observed	>1:1
Water Flow Velocity	Observed	12ft/sec
Water Absorption	ASTM D 1117	146%
Shear Stress	ASTM D 5321- 92	4.5 lbs./sqf (215 N/sqm)
Function Longevity		4 -6 years

Standard Roll Sizes : 2m x 50m – 120 sy/Roll
 4m x 50m – 240 sy/Roll
 4m x 25m – 120 sy/Bale