



Detailed Technical Specifications for
FC COIR MAT 400G

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	400 gsm/sq.mtr (11.8 oz/sqyd)
Open Area (%)	Measured	83%
Wide Width Tensile - Dry MD X CD	ASTM D 4595	507 x 480 lbs/ft
Wide Width Tensile - Wet (MD X CD	ASTM D 4595	451 x 360 lbs/ft
Elongation at Failure - Dry (%) MD X CD	ASTM D 4595	38% x 27%
Elongation at Failure - Wet (%) MD X CD	ASTM D 4595	53% x 48%
Slope (Recommended)	Observed	<1:1
Water Flow Velocity	Observed	8ft/sec
Water Absorption	ASTM D 1117	163%
Shear Stress	ASTM D 5321- 92	3 lbs./sqf (150 N/sqm)
Function Longevity		4 -6 years

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