

Technical Specifications for
Nedia KoirMat™ 1000

Nedia KoirMat™ 1000 is a woven fabric of high strength coir twine made from well-cleaned, fresh water cured coconut fiber, It naturally absorbs and retains water while retaining its integrity and providing an ideal microclimate for the growth of vegetation.

Property	Test Method	Typical Value	
		English Units	Metric Units
Material	n/a	Woven matting of coir made from high strength coconut fiber	
Color	n/a	Natural / Earth tone	
Thickness	ASTM D 5199	0.35 in.	
Mass per unit area min	ASTM D 5261	30 oz/sq.yd	
Wide width tensile - Dry MD X CD	ASTM D 4595	2151 x 1545 lbs/ft	31.3 x 22.5 kN/m
Wide width tensile - Wet MD X CD	ASTM D 4595	1810 x 1021 lbs/ft	26.3 x 14.9 kN/m
Maximum Elongation - Dry MD X CD	ASTM D 4595	41% x 42%	
Maximum Elongation - Wet MD X CD	ASTM D 4595	45% x 31%	
Slope (Recommended)	Observed	> 1:1	
Water Absorption	ASTM D 1117	137%	
Water Velocity	Flume Tests	17 ft/sec	
Shear Stress	Flume Tests	5.5 psf	
"C" Factor	Flume Tests	0.003	
Open Area	Measured	36%	
Functional Longevity	Observed	4-6 years	
UV Stability	ASTM D 4355	80% min @ 500 hrs	

**Standard Roll Sizes: 6.56' x 165' (2m x 50m) – 120 sy/roll 13.1' x 83' (4m x 25m) – 120 sy/roll
13.1' x 165' (4m x 50m) – 240 sy/roll**

