



ESI Resource Services LLC  
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# Certificate of Compliance

Chris A. Marr CPESC #2211

DATE 12-29-14

**Nedia KoirMat™ 900 GR. SQ/M 26.55 oz SQ./YD**

As a manufacture representative of Nedia “KoirMat™ 900 GR.”, we certify that the material to be supplied will meet or exceed the following Physical specifications.

<b>Fabric Structure:</b> Coconut Fiber	<b>Yarn:</b> Nat. Woven Coconut Fiber	
<b>Physical Property:</b>	<b>Test Method:</b>	<b>Min. Avg. Roll Value</b>
<b>Construction:</b>		Woven Coconut fiber
<b>Fabric Weight:</b>	ASTM D-5261	900gr per sq. meter
<b>Width Tensile Strength Dry:</b>	ASTM D4595	164-118 lbs./in.
<b>Max. Elongation Dry:</b>	ASTM D1595	46-34 %.
<b>Width Tensile Strength Wet:</b>	ASTM D4595	105-64 lbs./in.
<b>Max. Elongation Wet:</b>	ASTM D1595	43 -36 %.
<b>Maximum Shear Stress:</b>		4.63 lbs. per sq./ft.
<b>Water Absorption:</b>	ASTM D1117	132 %
<b>Water Velocity:</b>	Flume Tests	16 ft/sec
<b>Open Area:</b>		39%

**Sizes:** 13'.5 x 164' (4M X 50 M) = (240 sq./yd. roll) 6-5 x 164' (2 M X 50 M) = (120 sq./yd. roll)

We at ESI Resource Services LLC look forward for future business with your company.



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 WCIECA Board Member  
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