



## EcoMatting 400

EcoMatting 400 is a biodegradable erosion control fabric made up of a single layer of continuously woven coir (coconut fiber) matting. It is designed to be used on slopes, shorelines and streamlines for erosion & sediment control. It is also designed to hold seed intact during the establishment of vegetative cover. Coir geotextiles are an environmentally friendly product.

Property	Test Method	EcoMatting 400
<b>Weight</b>	ASTM D 3776	11.86 oz/sq.yd (400 g/sq.m)
<b>Tensile strength Machine direction</b>	ASTM D 4595	432 x 138 lbs/ft
<b>Elongation at failure Wet Machine direction</b>	ASTM D 4595	26% x 32%
<b>Flexibility (Mg-Cm)</b>		19920 x 16700
<b>Longevity</b>		4-6 years
<b>Open area</b>	Calculated	65%
<b>“C” Factor</b>		0.002
<b>Thickness</b>	ASTM D 1777	0.30 in
<b>Minimum Twine Count MD x CD (per foot)</b>		27 x 18
<b>Recommended slope</b>		< 1:1
<b>Flow Velocity</b>		Observed 11 fps (3.5 m/s)
<b>Shear stress</b>		3.0 lbs/sq.ft (215 N/sq.m)