



# Coir Mat 40

Coir mat 40 is woven from machine twisted bristle coir twines, the best quality coir fiber. This 100% biodegradable, strong and durable blanket provide high erosion resistance while supporting growth and development of vegetation. These semi-permanent mats have functional field longevity of 4-6 years. The open weave in the mat allows seeding over the mat. Coir mat 40 blankets are manufactured to conform to the following physical properties.

## SPECIFICATIONS

Property	Test Method	Coir Mat 40
Weight	ASTM D 3776	13.6 oz/yd <sup>2</sup> (460 g/m <sup>2</sup> )
Wide width tensile strength <b>Wet</b> Machine direction Cross direction	ASTM D 4595	672 lbs/ft (9.8 kN/m) 648 lbs/ft (9.5 kN/m)
Wide width tensile strength <b>Dry</b> Machine direction Cross direction	ASTM D 4595	780 lbs/ft (11.4 kN/m) 744 lbs/ft (10.9 kN/m)
Elongation at failure <b>Wet</b> Machine direction Cross direction	ASTM D 4595	30% 28%
Open area	Calculated	65%
Thickness	ASTM D 1777	0.35 in (9 mm)
Recommended shear stress		3 lbs/ft <sup>2</sup> (145 N/m <sup>2</sup> )
Recommended flow		8 fps (2.4 m/s)
Recommended slope		2:1
Minimum twine count per foot MC X CD		15 X 14



**R H Moore & Associates**  
Soil Stabilization & Erosion Control