



# Coir Mat 90

Coir mat 90 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 90 blankets are manufactured to conform to the following physical properties.

## SPECIFICATIONS

Property	Test Method	Coir Mat 90
Weight	ASTM D 3776	29 oz/yd <sup>2</sup> (980 g/m <sup>2</sup> )
Wide width tensile strength <b>Wet</b> Machine direction Cross direction	ASTM D 4595	1776 lbs/ft (26 kN/m) 936 lbs/ft (13.7 kN/m)
Wide width tensile strength <b>Dry</b> Machine direction Cross direction	ASTM D 4595	2024 lbs/ft (29.6 kN/m) 1160 lbs/ft (17 kN/m)
Elongation at failure <b>Wet</b> Machine direction Cross direction	ASTM D 4595	52% 24%
Open area	Calculated	38%
Thickness	ASTM D 1777	0.35 in (9 mm)
Recommended shear stress		5 lbs/ft <sup>2</sup> (240 N/m <sup>2</sup> )
Recommended flow		16 fps (4.9 m/s)
Recommended slope		>1:1
Minimum twine count per foot MC X CD		39 X 18



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