



Coir Mat 70

Coir mat 70 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 70 blankets are manufactured to conform to the following physical properties.

SPECIFICATIONS

Property	Test Method	Coir Mat 70
Weight	ASTM D 3776	23 oz/yd ² (780 g/m ²)
Wide width tensile strength Wet Machine direction Cross direction	ASTM D 4595	1488 lbs/ft (21.7 kN/m) 1032 lbs/ft (15.1 kN/m)
Wide width tensile strength Dry Machine direction Cross direction	ASTM D 4595	1740 lbs/ft (25.4 kN/m) 1176 lbs/ft (17.2 kN/m)
Elongation at failure Wet Machine direction Cross direction	ASTM D 4595	38% 25%
Open area	Calculated	48%
Thickness	ASTM D 1777	0.35 in (9 mm)
Recommended shear stress		4.5 lbs/ft ² (215 N/m ²)
Recommended flow		12 fps (3.7 m/s)
Recommended slope		1:1
Minimum twine count per foot MC X CD		27 X 18



R H Moore & Associates
Soil Stabilization & Erosion Control