



# BioD-Mat® 60

Semi-Permanent Woven  
Brown Bristle Coir Mat  
Sri Lanka patent # 11159  
Completely Wildlife Safe!

**The Highest Quality Woven Coir Mat on the Market!**

## Description

The BioD-Mat® 60 blanket is woven from machine twisted bristle coir twines, the best quality coir fiber. This 100% biodegradable, strong and durable blanket provide higher erosion resistance while supporting growth and development of vegetation. These semi-permanent mats have functional field longevity of 4-6 years. If the vegetation fails to establish, the open weave in the mat allows seeding over the mat. BioD-Mat®60 blankets are manufactured to conform to the following physical properties.

## Specifications

Property	Test Method	BioD-Mat® 60
Weight	ASTM D 3776	17.8 oz/SY (600 g/m <sup>2</sup> )
Wide width tensile strength <b>Wet</b> Machine direction Cross direction	ASTM D 4595	910 lbs/ft (13.3 kN/m) 870 lbs/foot (12.7 kN/m)
Wide width tensile strength <b>Dry</b> Machine direction Cross direction	ASTM D 4595	1130 lbs/foot (16.5 kN/m) 1040 lbs/foot (15.2 kN/m)
Elongation at failure <b>Wet</b> Machine direction Cross direction	ASTM D 4595	32% 26%
Open area	Calculated	58%
Thickness	ASTM D 1777	0.35 inch (9 mm)
Recommended shear stress		4 lbs./sq. ft. (192 N/sq.m.)
Recommended flow		10 fps (3 m/s)
Recommend slope		2:1
Minimum twine count per foot MD x CD		20 x 16

**BioD-Mat® 60 is available in following roll size:**  
6.5ft x 166ft (120 SY) = 2m x 50m (100 sq. m)



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**DOT DBE Certified**