



# BioD-Mat<sup>®</sup> 60

Semi-Permanent Woven  
Brown Bristle Coir Mat

Sri Lanka patent # 11159

Completely Wildlife Safe!

**Woven Coir blanket with unit weight of 600 g/m<sup>2</sup>.**

## Description

The BioD-Mat<sup>®</sup> 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. This semi-permanent mat has 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<sup>®</sup> 60 Blanket is manufactured to conform to the following physical properties.

## Specifications

Property	Test Method	BioD-Mat <sup>®</sup> 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./ft. (12.7 kN/m)
Wide width tensile strength <b>Dry</b> Machine direction Cross direction	ASTM D 4595	1130 lbs./ft (16.5kN/m) 1040 lbs./ft. (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
Fiber type in twine		Brown bristle coir fiber

**BioD-Mat<sup>®</sup> 60 is available in following roll sizes:**

3.28 ft x 83 ft (30SY) = 1m x 25m (25 sq. m)

6.5 ft. x 166 ft. (120 SY) = 2m x 50m (100 sq. m)



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