



BioD-Mat® 90

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® 90 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®90 blankets are manufactured to conform to the following physical properties.

Specifications

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

BioD-Mat® 90 is available in following roll sizes:

3.28ft x 83ft (30SY) = 1m x 25m (25 sq. m)
6.5ft x 166ft (120SY) = 2m x 50m (100 sq. m)
9.8ft x 166ft (180SY) = 3m x 50m (150 sq. m)
13.1ft x 83ft (120SY) = 4m x 25m (100 sq. m)



1 800 760 3215

Tel: 770 506 8211

Fax: 770 506 0391

E-mail: rolanka@rolanka.com

Web: www.rolanka.com

155 Andrew Drive, Stockbridge, GA 30281

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