



BioD-Mat® 40

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® 40 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®40 blankets are manufactured to conform to the following physical properties.

Specifications

| Property | Test Method | BioD-Mat® 40 |
|--|-------------|--|
| Weight | ASTM D 3776 | 13.6 oz/SY (460 g/m ²) |
| Wide width tensile strength Wet Machine direction Cross direction | ASTM D 4595 | 672 lbs/foot (9.8 kN/m) 648 lbs/foot (958 kN/m) |
| Wide width tensile strength Dry Machine direction Cross direction | ASTM D 4595 | 780 lbs/foot (11.4 kN/m) 744 lbs/foot (10.9 kN/m) |
| Elongation at failure Wet Machine direction Cross direction | ASTM D 4595 | 30% 28% |
| Open area | Calculated | 65% |
| Thickness | ASTM D 1777 | 0.35 inch (9 mm) |
| Recommended shear stress | | 3 lbs./sq.ft. (145N/sq.m.) |
| Recommended flow | | 8 fps (2.4 m/s) |
| Recommend slope | | 2:1 |
| Minimum twine count per foot MD x CD | | 15 x 14 |

BioD-Mat® 40 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)



155 Andrew Drive, Stockbridge, GA 30281

1 800 760 3215

Tel: 770 506 8211 Fax: 770 506 0391

E-mail: rolanka@rolanka.com

Web: www.rolanka.com

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