

This is to certify that the **BioD-Mat™70** woven coir blanket is woven from machine twisted coir twines made of bristle coir (the best quality coir) obtained from freshwater cured coconut husks. **BioD-Mat™70** blankets last for 4 to 6 yrs and are manufactured to conform to the following physical properties:

Property	Test Method	BioD-Mat™70
1. Weight	ASTM D 3776	23 oz/SY (780 g/m ²)
2. Wide width tensile strength	ASTM D 4595	
Wet		
Machine direction (MD)		1488 lbs/ft (124 lbs/in, 21.7 kN/m)
Cross direction (CD)		1032 lbs/ft (86 lbs/in, 15.1 kN/m)
Dry		
Machine direction (MD)		1740 lbs/ft (145 lbs/in, 25.4 kN/m)
Cross direction (CD)		1176 lbs/ft (98 lbs/in, 17.2 KN/m)
3. Elongation at failure	ASTM D 4595	
Wet		
Machine direction		38 %
Cross direction		25 %
4. Open area	Calculated	48 %
5. Thickness	ASTM D 1777	0.35 inch (9 mm)
6. Recommended shear stress		4.5 lbs./sq.ft. (215 N/sq.m.)
7. Recommended flow		12 fps (3.7 m/s)
8. Recommend slope		> 1:1
9. "C" factor		0.002
10. Available roll sizes		3.28' x 83' (1m x 25m) 6.5' x 166' (2m x 50m) 9.8' x 166' (3m x 50m) 13' x 83' (4m x 25m)