

This is to certify that the **BioD-Mat®40** coir blanket is woven from machine twisted coir twines made of bristle coir (the best quality coir) obtained from cured coconut husks. **BioD-Mat®40** blankets are manufactured to conform to the following physical properties:

Property	Test Method	BioD-Mat® 40
1. Weight	ASTM D 3776	13.6 oz/SY (460 g/m ²)
2. Wide width tensile strength	ASTM D 4595	
Wet Machine direction		672 lbs/foot (9.8 kN/m)
Cross direction		648 lbs/foot (958 kN/m)
Dry Machine direction		780 lbs/foot (11.4 kN/m)
Cross direction		744 lbs/foot (10.9 kN/m)
3. Elongation at failure	ASTM D 4595	
Wet Machine direction		30%
Cross direction		28%
4. Open area	Calculated	65%
5. Thickness	ASTM D 1777	0.35 inch (9 mm)
6. Recommended shear stress		3 lbs./sq.ft. (145N/sq.m.)
7. Recommended flow		8 fps (2.4 m/s)
8. Recommend slope		1:1
9. "C" factor		0.003
10. Available roll sizes		3.28 t x 83ft (1m x 25m) 6.5ft x 166ft (2m x 50m) 9.8ft x 165ft (3m x 50m) 13ft x 83ft (4m x 25m)