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Manufacturer's Certificate of Compliance

TO WHOM IT MAY CONCERN

This is to certify that the **BioND-TRM™ 100**, woven coir-synthetic turf reinforcement mat, is woven from machine twisted reinforced coir twines made of bristle coir obtained from cured coconut husks. Each twine in the mat is reinforced with two ultra violet stabilized polypropylene strands in the middle. **BioND-TRM™ 100** blankets are manufactured to conform to the following physical properties:

Property	Test Method	BioND-TRM™ 100
1. Weight	ASTM D 3776	29.6 oz/SY (1000 g/m ²)
2. Wide width tensile strength	ASTM D 4595	
Wet		
Machine direction		2100 lbs./ft (30.6 kN/m)
Cross direction		1250 lbs./ft (18.2 kN/m)
Dry		
Machine direction		2394 lbs./ft (35 kN/m)
Cross direction		1425 lbs./ft (20.8 kN/m)
3. Open area	Calculated	35%
4. Number of twine in the mat		
Machine direction		82 twines /yard (90 twines / m)
Cross direction		55 twines /yard (60 twines / m)
5. Thickness	ASTM D 1777	0.38 inch (9.5 mm)
6. Recommended shear stress		8 lbs./sq.ft. (383 N/sq.m)
7. Recommended flow		18 fps (5.5 m/s)
8. Recommend slope		>1:1
9. "C" factor		0.002

RoLanka International, Inc.

Calista R. Santha

Calista R. Santha, Ph.D.
President

SBA's 8(a) & SDB and DOT DBE Certified.