



C200B

Specification Sheet

The C200B (Coconut Fibre Double Net) erosion control blanket (ECB) consists of coconut fibers. The fibers are evenly distributed throughout the entire area of the blanket. Product is 100% biodegradable. The top and bottom of each blanket is covered with biodegradable Jute netting.

Product Nomenclature & Properties

- C** = 100% coconut fibers
- 200** = the top and bottom of each blanket is covered with biodegradable Jute netting
- B** = biodegradable Jute netting

Index & Bench Scale Testing

Test Description	Test Method	Test Results
Thickness	ASTM D6525	0.294 in (7.47 mm)
Light Penetration	ASTM D6567	19.40%
Mass per Unit Area	ASTM D6575	0.57lb/yd ² (307 g/m ²)
MD - Tensile Strength (max.)	ASTM D6818	356.4 lb/ft (5.22 kN/m)
TD - Tensile Strength (max.)	ASTM D6818	169.2 lb/ft (2.48 kN/m)
MD - Elongation	ASTM D6818	3.20%
TD - Elongation	ASTM D6818	4.30%
Water Absorption	ASTM D1117/ECTC	334.00%
Bench-Scale Rain Splash	ECTC Method 2	SLR = 12.61 @ 2 in/hr
Bench-Scale Rain Splash	ECTC Method 2	SLR = 17.95 @ 4 in/hr
Bench-Scale Rain Splash	ECTC Method 2	SLR = 25.55 @ 6 in/hr
Bench-Scale Shear	ECTC Method 3	2.56 lb/ft ² @ 0.5" soil loss
Germination Improvement	ECTC Method 4	496%

Design Values

- "C" factor = 0.10
- Shear Stress (Unvegetated) = 2.25 lb/ft² (108 Pa)
- Velocity (Unvegetated) = 9.0 ft/s (2.7 m/sec)
- Functional Longevity*: ≤ 36 months

*Functional Longevity varies from region to region because of differences in climatic conditions.

Standard Roll Details

Width	2.4m (8ft)
Length	34.3m (112.5ft)
Area	83.6m ² (100yd ²)
Weight*	22.7kg (50lb)
Mass per Unit Area (± 10%)	0.27 kg/m ² (0.50 lb/yd ²)
Net Openings	25.4 mm x 12.7 mm (1.0 in x 0.5 in)

* Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of coconut fibers is 20%.