



# PROPEX Landlok C2

PROPEX® Landlok® C2 erosion control blanket (ECB) consists of 100% mattress grade coconut fiber mechanically bound and covered on both sides by netting. The coconut fiber is homogeneously blended and evenly distributed throughout the blanket. The netting is UV stabilized polypropylene with mesh openings of approximately 0.7 in by 0.7 in (17 mm by 17 mm). The blanket is sewn on approximately 2 in (51 mm) centers with photodegradable polypropylene thread.

Landlok C2 conforms to the property values listed below<sup>1</sup>.

Properties <sup>2</sup>	Test Method	English	Metric
<b>Origin of material</b>			
% U.S. Manufactured		100%	100%
<b>Physical Properties</b>			
Mass/Unit Area	ASTM D6475	9.5 oz/sy	322 g/m <sup>2</sup>
Thickness	ASTM D6525	0.26 in	7 mm
Light Penetration (% Passing)	ASTM D6567	15%	
Water Absorption	ASTM D1117	250%	
<b>Mechanical Properties</b>			
Tensile Strength	ASTM D6818	221 x 152.4 lb/ft	3.2 kN/m x 2.2 kN/m
Elongation	ASTM D6818	25% x 25%	
<b>Performance</b>			
Velocity (Unvegetated)	ASTM D6460	9.0 ft/s	2.7 m/s
Shear Stress (Unvegetated)	ASTM D6460	2.8 psf	134 PA
Manning's n (Unvegetated)	Calculated	0.023	
RUSLE Cover Factor (C Factor)	ASTM D6459	0.05	
<b>Roll Sizes</b>		8.0 ft x 112.5 ft 16.0 ft x 112.5 ft	2.45 m x 34.3 m 4.9 m x 34.3 m

**NOTES:**

<sup>(1)</sup> The property values listed above are effective 05/01/2023 and are subject to change without notice. Values represent testing at time of manufacture.

<sup>(2)</sup> Values represent testing at time of manufacture and are shown as typical values.