



# PROPEX Landlok CS2

PROPEX® Landlok® CS2 erosion control blanket (ECB) consists of 70% wheat straw and 30% mattress grade coconut fiber mechanically bound and covered on both sides by netting. The straw and coconut fiber are homogeneously blended and evenly distributed throughout the blanket. The bottom netting is photodegradable polypropylene with mesh openings of approximately 0.5 in by 0.5 in (13 mm by 13 mm). The top 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 synthetic netting.

Landlok CS2 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	8.9 oz/sy	302 g/m <sup>2</sup>
Thickness	ASTM D6525	0.34 in	9 mm
Light Penetration (% Passing)	ASTM D6567	10%	
Water Absorption	ASTM D1117	325%	
<b>Mechanical Properties</b>			
Tensile Strength	ASTM D6818	156 x 128.4 lb/ft	2.3 kN/m x 1.9 kN/m
Elongation	ASTM D6818	31% x 29%	
<b>Performance</b>			
Velocity (Unvegetated)	ASTM D6460	N/A	N/A
Shear Stress (Unvegetated)	ASTM D6460	N/A	N/A
Manning's n (Unvegetated)	Calculated	0.031	
RUSLE Cover Factor (C Factor)	ASTM D6459	0.15	
<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.