



# PROPEX Landlok S2

PROPEX® Landlok® S2 erosion control blanket (ECB) consists of 100% wheat straw mechanically bound and covered on both sides by netting. The straw is homogeneously blended and evenly distributed throughout the blanket. The netting is photodegradable polypropylene with mesh openings of approximately 0.5 in by 0.5 in (13 mm by 13 mm). The blanket is sewn on approximately 2 in (51 mm) centers with photodegradable polypropylene thread.

Landlok S2 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	8.0 oz/sy	271 g/m <sup>2</sup>
Thickness	ASTM D6525	0.28 in	7 mm
Light Penetration (% Passing)	ASTM D6567	22%	
Water Absorption	ASTM D1117	450%	
<b>Mechanical Properties</b>			
Tensile Strength	ASTM D6818	57.6 x 57.6 lb/ft	0.8 x 0.8 kN/m
Elongation	ASTM D6818	15% x 20%	
<b>Performance</b>			
Velocity (Unvegetated)	ASTM D6460	6 ft/s	1.8 m/s
Shear Stress (Unvegetated)	ASTM D6460	1.8 lb/ft <sup>2</sup>	86 Pa
Manning's n (Unvegetated)	Calculated	0.032	
RUSLE Cover Factor (C Factor)	ASTM D6459	0.04	
<b>Endurance</b>			
Functional Longevity	Observed	Up to 12 months	
<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.