

Erosion Control Blankets



C2 EROSION CONTROL BLANKET (ECB)

KEYMAY's C2 erosion control blanket (ECB) consist 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 3/4 in by 3/4 in (19 mm by 19 mm). The blanket is sewn on approximately 2 in (51 mm) centers with photodegradable polypropylene thread.

C2 conforms to the property values listed below.

PROPERTY VALUES				
	Property	Test Method	English	Metric
Physical	Roll Sizes		8 ft x 112.5 ft	2.45 m x 34.29 m
	Mass/Unit Area ²	ASTM D-6475	8.0 oz/yd ²	271 g/m ²
	Thickness ²	ASTM D-6525	264 mils	6.7 mm
	Light Penetration ²	ASTM D-6567	7.2%	
	Water Absorption ²	ASTM D-1117	254%	
Mechanical	Tensile Strength ²	ASTM D-6818	251 x 180 lbs/ft	3.7 x 2.6 kN/m
	Elongation ²	ASTM D-6818	25%	
Endurance	Functional Longevity ²	Observed	Up to 36 months	

1. The property values listed above are effective 02/08/2017 and are subject to change without notice.
2. Typical Value.

CS2 EROSION CONTROL BLANKET (ECB)

KEYMAY's CS2 erosion control blanket (ECB) consist of 70% wheat straw and 30% mattress grade coconut fiber mechanically bound and covered on both sides by netting. The straw and coconut fiber is homogeneously blended and evenly distributed throughout the blanket. The bottom netting is photodegradable polypropylene with mesh openings of approximately 1/2 in by 1/2 in (13 mm by 13 mm). The top netting is UV stabilized polypropylene with mesh openings of approximately 3/4 in by 3/4 in (19 mm by 19 mm). The blanket is sewn on approximately 2 in (51 mm) centers with photodegradable polypropylene thread.

CS2 conforms to the property values listed below.

PROPERTY VALUES				
	Property	Test Method	English	Metric
Physical	Roll Sizes		8 ft x 112.5 ft	2.45 m x 34.29 m
	Mass/Unit Area ²	ASTM D-6475	8.0 oz/yd ²	271 g/m ²
	Thickness ²	ASTM D-6525	285 mils	7.2 mm
Mechanical	Tensile Strength ²	ASTM D-6818	241 x 132 lbs/ft	3.5 x 1.9 kN/m
	Elongation ²	ASTM D-6818	30%	
Endurance	Functional Longevity ²	Observed	Up to 24 months	

1. The property values listed above are effective 02/08/2017 and are subject to change without notice.
2. Typical Value.

S2 EROSION CONTROL BLANKET (ECB)

KEYMAY'S S2 erosion control blanket (ECB) consist 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 3/8 in by 3/8 in (11 mm by 11 mm). The blanket is sewn on approximately 2 in (51 mm) centers with photodegradable polypropylene thread. LANDLOK® S2 conforms to the property values listed below¹

S2 conforms to the property values listed below.

PROPERTY VALUES				
	Property	Test Method	English	Metric
Physical	Roll Sizes		8 ft x 112.5 ft	2.45 m x 34.29 m
	Mass/Unit Area ²	ASTM D-6475	8.0 oz/yd ²	271 g/m ²
	Thickness ²	ASTM D-6525	335 mils	8.5 mm
Mechanical	Tensile Strength ²	ASTM D-6818	194 x 116 lbs/ft	2.8 x 1.7 kN/m
	Elongation ²	ASTM D-6818	25%	
Endurance	Functional Longevity ²	Observed	Up to 12 months	

1. The property values listed above are effective 02/08/2017 and are subject to change without notice.
2. Typical Value.