

BIOMAC® S2 Erosion Control Blanket

BioMac® S2 Erosion Control Blankets consist of 100% wheat straw mechanically bonded (stitched) in between two layers of netting. The straw is homogeneously blended and evenly distributed throughout the blanket. The netting is medium weight, photodegradable, polypropylene (green) with mesh openings of approximately 3/8 in. by 3/8 in. (nominal).

PROPERTY ¹	TEST METHOD	VALUE ²	BIOMAC® S2
Physical			
Mass / Unit Area	ASTM D 6475	MARV	9.2 oz/yd ²
Thickness	ASTM D 6525	MARV	0.335 in
Mechanical			
Tensile Strength	ASTM D 6818	MARV	194 x 116 lb/ft
Tensile Elongation (max.)	ASTM D 6818	MARV	25%
Performance			
Groundcover / Light Penetration	ASTM D 6567	MARV	91% / 8%
Water Absorption	ASTM D 1117	MARV	435%
Endurance			
Functional Longevity	Observed		Up to 12 months
Roll Properties			
Roll Width	Measured	Typical	8.0 ft or 16.0 ft
Roll Length	Measured	Typical	112.5 ft
Roll Weight	Calculated	Typical	Approx. 55 lbs or 100 lbs
Roll Area	Measured	Typical	100 or 200 yd ²

NOTES: 1. The listed property values are effective 01/2010 and are subject to change without notice. 2. MARV indicates Minimum Average Roll Value calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any sample taken during quality assurance testing will exceed the reported value. A TYPICAL value is the average value obtained when using the product.

Maccaferri reserves the right to amend product specifications without notice and specifiers are requested to check as to the validity of the specifications they are using.



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