

BIOMAC CR

“ANTI-BURROWING” REINFORCED COIR EROSION CONTROL MAT

SPECIFICATIONS	
PROPERTIES	
Description:	Biomac CR is a quilted biodegradable coir blanket reinforced by a steel mesh to provide additional tensile strength and resistance to burrowing animals. The coir provides full ground cover as the fibres are evenly distributed and of a density sufficient to provide soil erosion protection whilst also encouraging new plant growth. The integral PVC coated steel reinforcement, prevents easy-burrowing access to the slope surface and encourages animals to move elsewhere.
Composition:	All Coir Matrix encapsulated in polypropylene scrim netting to the upper surface and a PVC coated steel wire hexagonal mesh to the lower surface, stitched together in the factory with polypropylene thread to form as single product.
Mat Type:	Evenly distributed individual coir fibres are stitch quilted between upper and lower nets. The density of the coir mix is such as to provide a full ground cover whilst allowing excellent plant establishment. Biomac CR has 95% porosity and an 85% Ground Cover Factor.
Reinforcement	Reinforcement of the mat is provided by a steel wire hexagonal woven wire mesh of nominal aperture 25mm. Core wire diameter is 1mm. The steel wire is coated with PVC corrosion protection.
Weight:	Matrix (Coir) weight = min. 500g/m ² ; Overall weight including nets and wire mesh = 870g/m ² (Nominal)
Roll Sizes:	2.4m x 25m
Thickness:	4 - 5mm
Normal functional life:	2 - 3 years for coir degradation depending on exposure. However, the intention is to establish vegetation before the coir degrades, leaving the wire mesh reinforcing the root zone of the plants and preventing easy-burrowing.

Maccaferri reserves the right to alter specifications of its products without notice.
Please contact us for the most up to date specifications.

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