

BioCoir BC450

Coconut Matting

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Cirtex BioCoir is a biodegradable coconut fibre matting for erosion and sediment control and landscaping applications. Cirtex BioCoir is ideal for protecting cut faces and exposed soil from erosion from wind and water. In addition to the erosion control function, Cirtex BioCoir allows moisture penetration to assist vegetation establishment while insulating the seed and root zones from extremes of heat.

APPLICATIONS

- Steepened slopes
- Road, rail and sound barrier embankments
- Low flow stormwater channels
- Culvert outlets and washout drains
- Highly erodible soils
- Heavy rainfall areas
- Coastal and seashore protection
- Parks, Amenity areas, Golf courses and Sports grounds
- Quarries and landfills
- Facing for the DuraMesh Reinforced Soil System

INSTALLATION

Prepare the ground by clearing away any rocks and debris and level as much as possible to ensure the BioCoir will have good ground contact. On slopes, anchor the matting in a 150mm trench at the top of the slope and roll down the slope, overlapping rolls by 100mm. Pin the BioCoir to the ground with Square-Peg Bio ground pins or 230mm Ground Staples, using 1 pin/staple per m² on flat and gentle slopes, and up to 4 pins/staples per m² on steeper slopes. BioCoir can be hydroseeded if required.

TYPICAL PROPERTIES

PROPERTY	BioCoir BC450
Material	Coir Fibre P.P. Mesh
Dimensions	2.4m x 50m
Thickness (ASTM D 5199)	5-6mm
Apparent Opening Size (ASTM D 4751)	N/A
Mass (g/sqm) (ASTM D 5261)	452g
Tensile Strength (kN/m) (ASTM D 4595)	Machine 1.92 Cross 1.83
Grab Braking Load (N) (ASTM D 4632)	Machine 49 Cross 43
P.P. Mesh Size	9mm x 9mm

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