

Coir Fibre Erosion Control Blanket Specification Sheet

Product

750gsm 100% Coir Fibre Blanket, Top and Bottom Jute Net with Cotton thread

Typical Applications

- Erosion Control
- Re-Vegetation
- Stream Bank Stabilization
- Soil Erosion Control
- River Embankments
- Landscaping



Benefits

- Promotes vegetation growth
- Adds organic material to insert soils
- Water absorption in low rain areas
- Mulching effect-Prevents topsoil from drying out
- 100% natural biodegradable fibers
- High tensile strength
- High tear resistance
- Easy to install
- Follows the contours of the soil surface
- Degrades over 6 to 12 months
- Restoration of aquatic and terrestrial habitats

Specification

Material	: 100% Coir fibre, Jute net and Jute thread 100% Bio Degradable
Dimensions	: Width Up to 2.0m, Length Up to 25m
Thickness	: 8.5- 9.00mm (tested according to ASTM D 5199)
Apparent opening Size	: Nil (tested according to ASTM D 4751)
Mass	: 740g - 760g (tested according to ASTM D 5621)
Tensile Strength (kN/m)	: MD – 4.6 (tested according to ASTM D 4595) TD – 3.1 (tested according to ASTM D 4595)
Elongation	: MD – 5.5 % (tested according to ASTM D 4632) : CD – 6.3% (tested according to ASTM D 4632)

Installation

Vegetation Establishment– Seeding can be undertaken prior to blanket installation and seedlings can grow up through the blanket. Alternatively seeding can undertake after installation and sown on to the blanket.

Hydro seeding is also an effective seed application method over large areas and will provide further support for vegetation growth. Wildflower and aquatic plants and shrubs can be inserted through the coir mesh after installation and the blanket will provide support to vegetation establishment.

Overlapping and Anchorage –Sufficient overlap and anchorage is the key to the success of erosion control blanket products.

Trenches at the top and bottom of the slope must be back filled and pegged to ensure good anchorage

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