

Erosion Control Blanket

100% Biodegradable Double-Sided
Coconut Erosion Control Blanket



Description

Roofscapes® Erosion Control Blanket is an FHWA Type IID temporary erosion control blanket that is used to control erosion of Roofscapes® media and plantings on both flat and low-sloped installations. It is composed of a matrix of 100% Coconut/Coir Fiber distributed evenly between two layers of biaxially oriented Jute netting. The matrix is mechanically bonded (stitched) using biodegradable thread.

Roofscapes® Erosion Control Blankets are designed to protect and stabilize slopes and channels from erosive forces like wind and water, providing the time required for proper greenroof plant establishment. The blanket allows the passage of sunlight and moisture, providing the optimum environment for plant root development.



Coverage

8' x 112.5'
900 sq/ft

16' x 112.5'
1,800 sq/ft

Uses

- Flat and low-sloped Roofscapes® green roof assemblies

NOTE: Functional longevity of Roofscapes® Erosion Control Blanket is roughly 24 months, depending on soil and climatic conditions.

Benefits

- 100% Biodegradable Coconut Fiber
- Protects slopes and channels from erosive forces like wind and water to better facilitate plant establishment
- Allows passage of light and moisture to support optimum plant root development

Properties

Description	Measurement	Test Method
Mass/Unit Area	0.56 lbs/yd ²	ASTM D-6475
Thickness	217 mils	ASTM D-6525
Ground Cover/Light Penetration (% Passing)	87% GC - 13% LP	ASTM D-6567
Color	Natural	
Tensile Strength (MD/TD)	19 lb/in / 14.2 lb/in	ASTM D-6818
Elongation (MD/TD)	9.7% / 13.7%	ASTM D-6818
Seed Germination/Plant Growth	258%	ASTM 7322
Velocity (unvegetated)	10 ft/s	ASTM 6460
Shear Stress (unvegetated)	22.6 lbs/ft ²	ASTM 6460
C Factor	0.027	ASTM 6459
Roll Sizes	8' x 112.5' 16' x 112.5'	



8' x 112.5'
25 rolls per pallet

16' x 112.5'
25 rolls per pallet