

## Coir Erosion Control Blanket (350-900 Gsm)

TerraShield Coir Erosion Control Blanket is manufactured from 100% coconut fiber. Top and bottom covered with UV stabilized black polypropylene net stitching together with a black thread to produce the blanket. The coconut fiber is evenly distributed with-in the net in a roll form. They are shipped in polythene bags with ventilation holes. This blanket is designed for 3-4 years life span in the normal condition.

### Applications

-  Erosion Control
-  Re-Vegetation
-  Landscaping
-  Soil Erosion Control
-  Stream Bank Stabilization
-  River Embankments: Steep slopes and embankments up to 2:1



### Specifications

Fiber Materials	Fiber: 100% coconut fiber Netting: Top - Size: Black Polypropylene net; Netting Weight - 7.2GSM Netting: Bottom -Size: Black Polypropylene net; Netting Weight - 7.2GSM Thread: Black Polypropylene Mesh 13mm x 13mm
Dimensions	Width – 2m/ 2.4m   Length - 50m Area of rolls – 100 / 120SQM
Functional Longevity	3-4 Years
<b>STANDARDS</b>	
Tensile Strength ISO-10319	295.5 lbs/ft MD (4.02kN/m) -ASTM D5035
D4595 Elongation	14.6% MD - ASTM D5035
D4491 Flow Velocities	12.00 ft/s (3.05 m/s)
Max Permissible Shear Stress	2.45 lbs/ft <sup>2</sup> (108Pa) (UNVegetated Shear Stress)
<b>PP SPECIFICATION</b>	
Tensile Strength	4.78 MD kN/m
Tensile Strength	3.65 TD kN/m
Yield Point Elongation	20% MD
Yield Point Elongation	15% TD
Mesh Shape	Quadrangular
Colour	Black
MD Pitch/TD Pitch	13mm/ 13mm
Thread	UV Stabilized Polypropylene

