

## **TERRAMAT C450 COIR**

## MEDIUM TERM COIR FIBRE EROSION CONTROL BLANKET

**TerraMat C450 COIR** is a biodegradable, mesh reinforced coir fibre erosion control / re-vegetation blanket supplied in easily manhandled rolls.

**TerraMat C450 COIR** designed to be a highly effective soil erosion protection system to non-vegetated soil slopes to promote the establishment of grasses and vegetation on roadside slopes, embankments, landfill side slopes, drainage channels, stream banks and shorelines.

- Readily absorbs water, the fibres swell to act as mini-dams, this slows surface water run-off minimizing gullying and soil loss
- Seed loss due to water flushing is greatly reduced.
- Protects and insulates the seed, this helps create optimal conditions for seed germination and plant growth.
- · Bio-degrades, the resulting compost acts as a mulch to retain moisture and act as plant food.
- Performs as a plant root reinforcement
- Readily drapes to follow and hug the ground contour

**TerraMat C450 COIR** is a cost effective medium term (12 to 24 months functional longevity) protection blanket for moderate flow channels and slopes having a maximum gradient of up to 1:1.

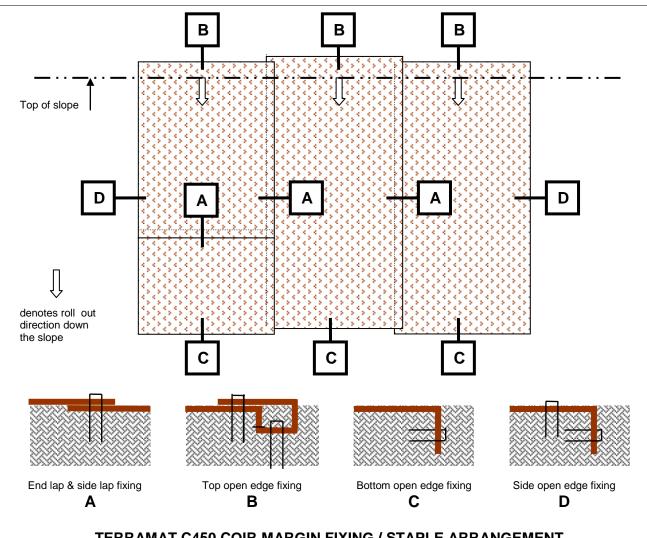
Functional longevity may vary depending upon climatic conditions, soil type, geographic location, and elevation.

PRODUCT PROPERTIES		ROLL PROPERTIES	
Mesh / stitching	UV stabilized Polypropylene	Roll Length	42m
Tensile strength	Roll direction (MD) 3.5kN/m	Roll Width	2.3m
Matrix	100% Coir (Bio degradable coconut fiber)	Roll Area (nom)	96.6m <sup>2</sup>
Elongation at break	Roll direction (MD) > 20%	Roll Weight	43 kg <u>+</u> 5%
Weight / m <sup>2</sup>	450gm <u>+</u> 5%	Packaging	Plastic tube / wrap

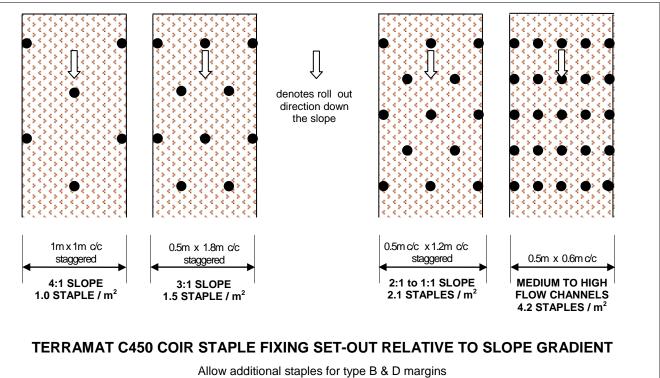
## Note : 350 gm / m<sup>2</sup> coir available indent only



Coir fibre matrix	UV stabilized polypropylene net at each face		
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Net sewn to coir mat faces with polypropylene thread			
CROSS SECTION THRU TERRAMAT C450 COIR Not to scale			







Stock staples galvanized steel,125mm and 230mm long, select length as required to suit soil type