

Erosion Control Product

Product Category: Compressed Erosion Control Blanket Turf Reinforcement Mat

Product Description: Coir 400

Typical Applications:

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

Coir 400 is made of 100% coconut fibre. Coconut fibre is a natural product from the Coconut Palm Tree (*Cocos nucifera*) and is **100% bio-degradable product without any external additives (chemicals or any other colourings)**. Coconut fibre is a renewable resource. Long fibres from the coconut husk are selected to make Coir 400. Long and mixed fibres are run through a simple hand made machine to twist and make the Coir 400.

Technical Data			
Property	Test Method	Unit	Coir Mat 400
Material			100% Coir Fibre
Dimensions		m	Width: 2 Length: 50
Thickness (Rope)		mm	6 - 7
Apparent Opening Size		mm	30 - 35 x 30 - 35
Mass	ASTM D5261	g	400
Tensile Strength (Dry)	ASTM D4595	kN/m	longitudinal – 7.3 transverse – 6.9
Tensile Strength (Wet)	ASTM D4595	kN/m	longitudinal – 6.5 transverse – 5.3
Grab Breaking Load	ASTM D4632	N	longitudinal – 205 transverse – 165
Grab Elongation	ASTM D4632	%	longitudinal – 23 transverse – 19
Elongation at Break (Dry)	ASTM D4594	%	longitudinal – 28 transverse – 27
Elongation at Break (Wet)	ASTM D4595	%	longitudinal – 30 transverse – 30
Open Area		%	58%