

Erosion Control Product

Product Category: Compressed Erosion Control Blanket

Product Description: Coir 700

Typical Applications:

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

Coir 700 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 700. Long and mixed fibres are run through a simple hand made machine to twist and make the Coir 700.

Technical Data			
Property	Test Method	Unit	Coir Mat 700
Material			100% Coir Fibre
Dimensions		m	Width: 2 Length: 50
Thickness (Rope)		mm	6 - 7
Apparent Opening Size		mm	15 x 15 - 18
Mass	ASTM D5261	g	718
Tensile Strength (Dry)	ASTM D4595	kN/m	longitudinal – 22 transverse – 15
Tensile Strength (Wet)	ASTM D4595	kN/m	longitudinal – 13 transverse – 10
Grab Breaking Load	ASTM D4632	N	longitudinal – 245 transverse – 260
Grab Elongation	ASTM D4632	%	longitudinal – 25 transverse – 23
Elongation at Break (Dry)	ASTM D4594	%	longitudinal – 27 transverse – 27
Elongation at Break (Wet)	ASTM D4595	%	longitudinal – 33 transverse – 36
Open Area		%	48%