

Envirofelt CF 360 TRM

Enhancing slope surface stability

Envirofelt CF 360 TRM is a turf reinforcement mat (TRM) designed to prevent erosion and enhance vegetation stability on steep slopes and above-water level channels subject to flooding.

Properties of Polyfelt® Envirofelt CF 360 TRM

Properties	Test Standard	Unit	CF 360 TRM	
Fibre Properties				
Fibre			100% coconut coir fibre	
Mass per unit area	ASTM D6566	g/m ²	360	
Thickness	ASTM D6525	mm	11	
Resilience	ASTM D6524	%	87	
Density	ASTM D792, Method A	g/m ³	0.9	
Tensile strength	MD	ASTM D6818	kN/m	10
Tensile strength	CD	ASTM D6818	kN/m	7
Elongation at break	MD	ASTM D6818	%	11
Elongation at break	CD	ASTM D6818	%	9
Form of supply				
Width	ISO 12956	m	2	
Length	ISO 11058	m	20	
Area	ISO 12956	m ²	40	

Other forms of supply as well as grades, adjusted to the requirements of the project, are available on request.

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The values given are indicative and correspond to average values obtained in accredited testing laboratories and institutes.

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Envirofelt CF

Enhancing slope surface stability

Envirofelt CF is a range of erosion protection mats designed to prevent erosion and enhance vegetation stability on steep slopes and above-water level channels subject to flooding.

Properties of Polyfelt® Envirofelt CF

Properties	Test Standard	Unit	CF 150	CF 250	CF 350	CF 400
Fibre Properties						
Fibre				100% coconut coir fibre		
Mass per unit area	ASTM D6475	g/m ²	135 - 165	235 - 265	335 - 365	385 - 415
Thickness	ASTM D6525	mm	3.0	5.0	7.0	8.0
Tensile strength	MD ASTM D6818	kN/m	2.0	2.5	3.0	3.0
Elongation at break	MD ASTM D6818	%	>20	>20	>20	>20
Form of supply						
Width		m	2.4	2.4	2.4	2.4
Length		m	42	42	42	42
Area		m ²	100.8	100.8	100.8	100.8

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