

Robulon GREEN

Technical Data

TenCate Geolon® Robulon PE 1000 GREEN is a high strength, UV resistant open mesh erosion control mat for immediate greening of slopes. The open structure is ideal to prevent wash out of particles and allows plants to grow through easily. The green loops either hold topsoil in place, or give slopes an immediate naturally green look when installed uncovered, until natural vegetation takes over.



TenCate Geolon® Robulon GREEN

Characteristics	Standards	Unit	Robulon PE 1000 GREEN	
Type of product				
Geocomposite, consisting of a 100% polyethylene 1 mm open mesh woven base layer, featuring inseparable green PP loops for soil retention and an attractive green aesthetic look.				
Product Properties				
Mass per unit area	EN ISO 9864	g/m ²	505	
Thickness under 2 kPa	EN ISO 9863-1	mm	10	
UV Resistance (retained tensile strength)	EN ISO 12224	%	> 80	
Base Layer Properties				
Tensile strength	MD*	EN ISO 10319	kN/m	40
Tensile strength	CD*	EN ISO 10319	kN/m	35
Elongation at maximal strength	MD* / CD*	EN ISO 10319	%	30 / 20
CBR Puncture Resistance		EN ISO 12236	kN	3.5
Dynamic perforation		EN ISO 13433	mm	12
Forms of supply				
Width		m	5	
Length		m	50	
Diameter of roll		m	0.78	
Roll weight (± 10%)		kg	125	

* MD = Machine Direction * CD = Cross Direction

The values given are average values obtained in our laboratories and in testing institutes. The right is reserved to make changes without notice at any time.

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