

GRASSCARPET™
grass-reinforcement
composite

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Product Data Sheet

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Characteristics	Test Method	
Mesh structure		Oscillated
Mesh polymer		High density polyethylene
Mesh colour		Green
Geotextile (needlepunched non woven)		Polypropylene
Geotextile colour		Black
Tensile strength (kN/m) [MD]	ISO 10319	20
Tensile elongation (%) [MD]		35
CBR puncture resistance (kN)	BS IN ISO 12236	3.3
Residual thickness @500kPa (%)	ASTM D1621	60
Apparent pore size - 90% finer (µm)	EN ISO 12596	60
Water flow at 100mm head (l/s/m ²)	EN ISO 11058	70

Nominal dimensions	
Composite thickness (mm)	14.5
Composite weight/m ² (kg)	2.4
Composite weight/linear m (kg)	4.8
Roll width (m)	2
Roll length (m)	20
Roll weight (kg)	96

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