

VLS-500

technical protection and moisture retention fleece
for intensive green roofs, 50x2 m
#320402



Technical Data Sheet

■ Green up the roof!

	Rot-proof moisture retention and mechanical protection layer thermally non-treated made of 100 % synthetic fibres. Surface weight: 500 g/m ² ; tensile strength MD: 9.0 kN/m; tensile strength CMD: 11.0 kN/m; static puncture test (CBR): 2.4 kN; characteristic opening size: 80 µm; water permeability: 60 l/(m ² s); robustness class: GRK 3; colour: multicolour; packaging: 100 m ² /roll; packaging weight: approx. 50 kg/roll. Laying with an overlap of 10 cm.	
	Dim.	VLS-500
Surface weight EN ISO 9864	g/m ²	500
Thickness EN ISO 9863-1	mm	4.0
Tensile strength MD EN ISO 10319	kN/m	9.0
Tensile strength CMD EN ISO 10319	kN/m	11.0
Elongation MD EN ISO 10319	%	70
Elongation CMD EN ISO 10319	%	60
CBR puncture EN ISO 12236	kN	2.4
Cone drop test EN ISO 13433	mm	0+0.25
Characteristic opening size O ₉₀ EN ISO 12956	µm	80
Water retention capacity	l/m ²	3.6
Water permeability normal to the plane VI _{H50} EN ISO 11058	l/(m ² s)	60
Robustness class		GRK 3
Material		PES

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Specifications are subject to change without notice.

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