

VLU-500

320302

High quality geotextile for mechanical protection layer under intensive green roofs. □□

KEY FEATURES

- Resistant to both acidic and basic substances
- Due to its elasticity withstands heavy weights on small spots
- Excellent water permeability
- Easy to cut



APPLICATION

VL geotextiles have many different uses on green roofs but their main functions are filtering and mechanical protection. VLU geotextiles are thermally hardened and are used for mechanical protection and to retain water to a degree. Approx. weight 500 g/m².



SPECIFICATION

Rot-proof mechanical protection layer thermally treated on both sides made of 100 % synthetic fibres. Surface weight: 500 g/m²; Water permeability: 48 mm/s; Tensile strength MD: 5,4 kN/m; Tensile strength CMD: 7,2 kN/m; Static puncture test (CBR): 2.3 kN; Characteristic opening size: 0.085 mm; Robustness class: GRK 3; colour: Multicolour; packaging: 100 m²/roll; packaging weight: 50 kg/roll. Installation with 10 cm overlap.

TECHNICAL DATA

Surface weight: (g/m ²)	500
Width (roll width): (m)	2,0
Length (roll length): (m)	50
Thickness: (mm)	2,5
Robustness class: (GRK)	3
Density: (g/cm ³)	0,9-1,38
Material :	100 % synthetic Material (min. 70% PES, max. 30% PP)
Tensile strenght weft: (KN/m)	5,4
Tensile strenght warp: (KN/m)	7,2
CBR-test,strenght: (N)	2300
Effective opening width: (mm)	0,085



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Green Up the Roof!