

Technical Data Sheet VLU-300 Protection Fleece

Product Description / Use:

VLU-300 Protection Fleece is a rot-proof multi-coloured mechanical protection layer made of 100% synthetic fibres and thermally treated on both sides. A loose laid layer, which can be used in some applications as a separation/cushion layer, or for the protection of waterproofing layers, in MOY reinforced bitumen membrane, single ply or cold applied liquid waterproofing systems.

Benefits:

- Long lasting > resistant to both acids and alkalis
- High load capacity/high tensile strength > withstands heavy point loading
- Excellent permeability
- Simple installation > few tools needed, easy to cut

Application Areas:

MOY VLU-300 helps protect the roof waterproofing system against potential mechanical damage when the waterproofing is to be covered with various roof finishes such as concrete paving on pedestals, stone ballast or green roof coverings.



It can also protect insulation boards against damage during installation and maintenance work, serving as a temporary protection layer.

Technical Specification:

Technical Specification		
Properties	Unit	Value
Colour	-	Multi-coloured
Surface Weight	g/m ²	300
Thickness	mm	1.8
Tensile strength MD	kN/m	6.0
Tensile strength CMD	kN/m	7.0
Elongation MD	%	45
Elongation CMD	%	40
CBR Puncture	N	1.5
Cone drop test	mm	12
Characteristic opening size O ₉₀	mm	78
Water permeability normal to the plane V _{LH50}	l/m ² s	80
Robustness class	-	GRK 3
Material	-	PES

Installation:

Loose laid over the roof waterproofing layer, with a minimum 100mm overlaps. For information on installation and handling, refer to specific product guidance and the project specification.

Delivery form:

Rolls: 2m x 50m (100 m²/roll) / Weight: 30 kg.

Storage:

Stored in the original package, in vertical position and under cool and dry conditions between temperatures of +5 °C and +35 °C. They must be protected from direct sunlight, rain, snow and ice.

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