

Urbanscape® Geotextile 300

September 2018

Description

Urbanscape® Geotextile 300 is a geotextile made of PES thread using needle felting. Urbanscape® Geotextile 300 has many different applications on green roofs, but it is primarily used for filtration and mechanical protection. Urbanscape® Geotextile 300 is thermally fixed and is usually used to provide mechanical protection and aid water retention.



Installation

- Roll out Urbanscape® Geotextile 300 crosswise on top of the drainage panels.
- Install Urbanscape® Geotextile 300 with an overlap of at least 10 cm.
- If necessary, Urbanscape® Geotextile 300 can be cut to custom sizes (scissors are recommended).

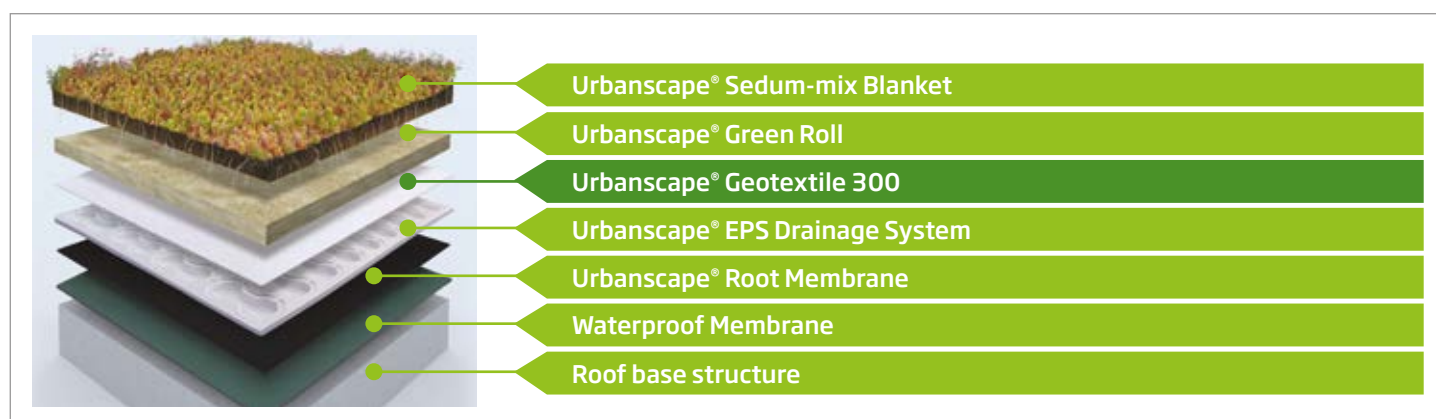
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Technical Properties of Urbanscape® Geotextile 300

Property	Unit	Value	Standard
Composition		PES	
Treatment		needled, thermal fixed	
Weight	g/m ²	300	EN 29073-1
Thickness	mm	2,2 - 2,8	EN ISO 9073-2
Tensile strength, Fmax MD	N/5cm	> 300	EN 29073-3
Tensile strength, Fmax CD	N/5cm	> 350	EN 29073-4
Elongation at Fmax MD	%	< 90	EN 29073-5
Elongation at Fmax CD	%	< 90	EN 29073-6
Fire resistance		Euroclass E	EN 13501-1
Drilling resistance		suitable	
Colour		white	
Width	mm	2000	
Length	m	100	

Urbanscape® Green Roof System Benefits



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