

Urbanscape Root Membrane

Description

Urbanscape Root Membrane is a black LD Polyethylene regenerate which is used to prevent the roots penetrating in green roofs.

In accordance with FLL Guidelines for the Planning, Execution and Upkeep of Green-Roof Sites.



Installation

Urbanscape Root Membrane is installed below the drainage layer in green roofs.

- When waterproofing membrane is not resistant to root penetration, cover the roof with the Urbanscape Root Membrane.
- The root membrane covers the waterproofing membrane with at least 0.5 meter overlap on all sides starting from the drainage source.
- Cut out the material where drain baskets must be installed.
- Do not cut directly on the waterproof membrane. For safety reasons and protection of the membrane use a hook cutter. Do not use a sharp blade cutter or knife.



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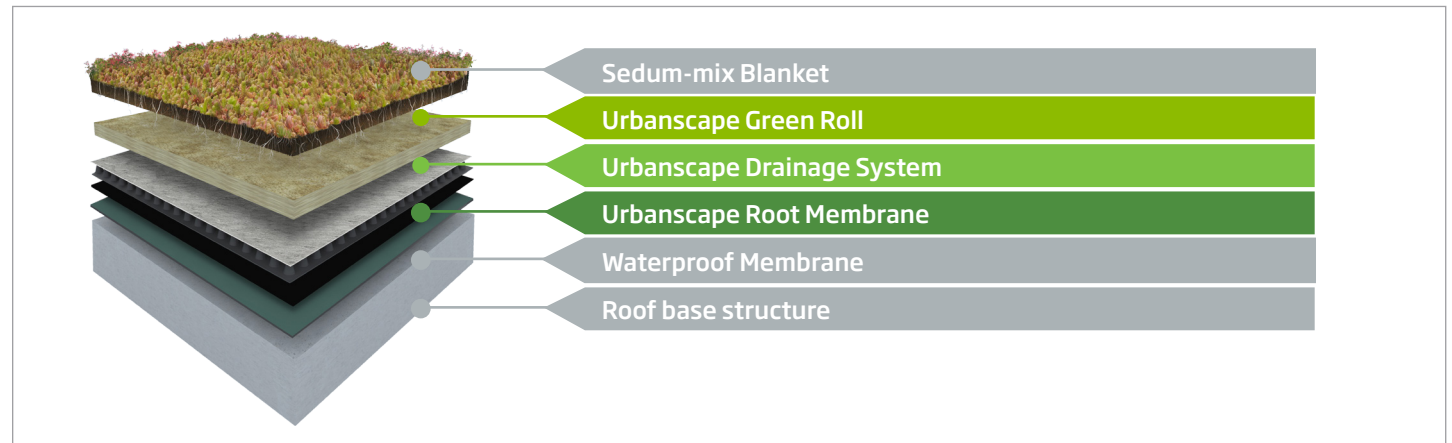

urbanscape

Above and beyond

Technical Properties of Urbanscape Root Membrane

Property		
	Value	Standard
Average thickness	0.5 (+/-10%) mm	ISO 4591
Width	4 (+/-2%) m	ISO 4592/2
Length	25 (+/-3%) m	
Roll weight	50 kg	
Units	25 rolls/pallet	
Size	100 m ² /roll	
	2500 m ² /pallet	
Pallet size (L x W x H)	2 x 1.2 x 1.4 m	1.5 x 1.2 x 1.2 m
Surface weight	0.5 kg/m ²	
Pallet weight	1250 kg/pallet	
Tensile strength - length direction	18.0-21.0 mPa	ISO1184
Tensile strength - transvers direction	17.0-20.0 mPa	ISO1184
Elongation - length direction	400-500 %	ISO1184
Elongation - transverse direction	500-600 %	ISO1184
Tear resistance - length direction	2.5-4.0 g/μ	ISO6383/2
Tear resistance - transverse direction	4.0-7.0 g/μ	ISO1183
Density	0.93 g/cm ³	ISO1183

Urbanscape Green Roof System Benefits



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Above and beyond