

# Urbanscape® Root Membrane

October 2018

## 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. The root membrane needs to be fixed during installation.
- 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.

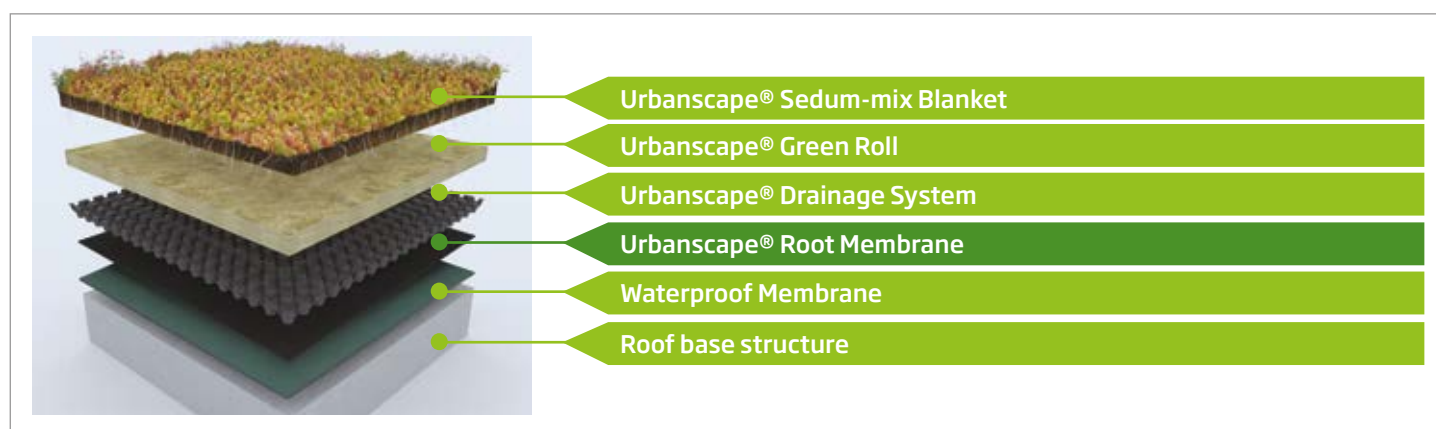
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## Technical Properties of Urbanscape® Root Membrane

Property	Value	Standard
Average thickness	0.5 mm	EN 1849-2
Width	6 (+/-2%) m	ISO 4592/2
Length	25 (+/-3%) m	
Roll weight	71 kg	
Units	15 rolls/pallet	
Size	150 m <sup>2</sup> /roll	
	2250 m <sup>2</sup> /pallet	
Pallet size ( L × W × H )	130 × 170 × 130 cm	
Surface weight	0.47 kg/m <sup>2</sup>	
Pallet weight	1085 kg /pallet	
Tensile strength - length direction	330 N/50 mm	EN 12311-1
Tensile strength - transvers direction	310 N/50 mm	EN 12311-1
Tear resistance - length direction	>100 N	EN 12310-1
Tear resistance - transverse direction	>100 N	EN 12310-1
Density	0.94 g/cm <sup>3</sup>	ISO 1849-2

## Urbanscape Green Roof System Benefits



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