Urbanscape
Drainage System

May 2014

Description

Urbanscape Drainage System **without buffer*** is made from black HDPE and is provided with a geotextile on top of the dimples. It ensures rapid drainage of water in wet periods and aeration of the plants root system.

Installation

Urbanscape Drainage System is installed below the Urbanscape substrate in green roofs.

- Roll out the Urbanscape drainage and make sure the white fleece is on top. Ballast when necessary and install the rolls tightly side by side.

- Cover the total roof area with the rolls.

- Cut out material where drain baskets must be installed.

- For safety reasons and protection of the roofing membrane use a hook cutter for cutting the drainage roll. Do not use a sharp blade cutter or knife.
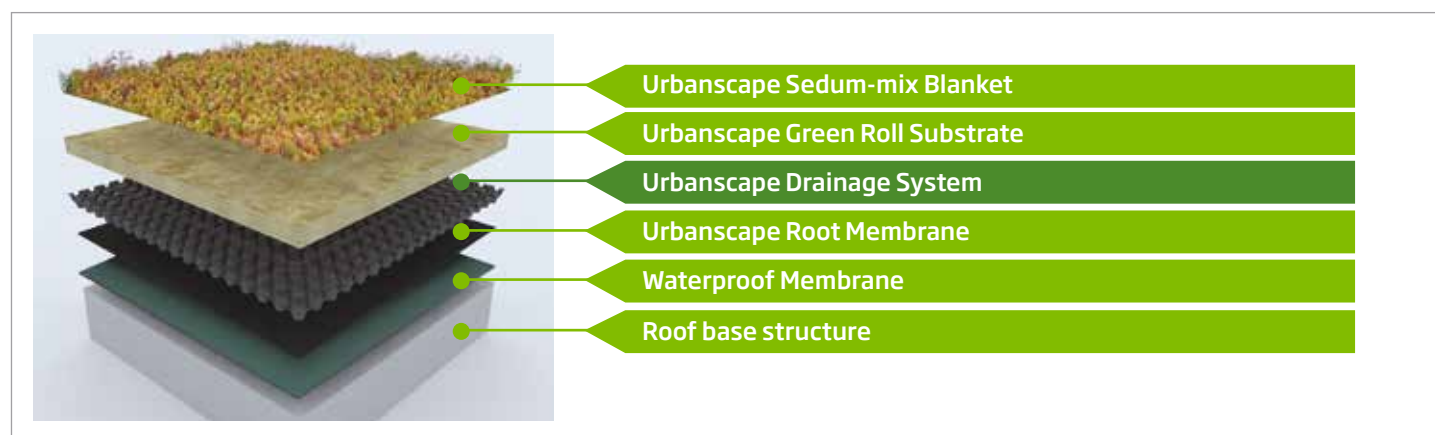
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BVB SUBSTRATES

urbanscape ®

Above and beyond

Technical Properties of Urbanscape Drainage System without buffer

Property	Unit	Value	Standard
Height	mm	10	
Width	m	2	
Length	m	12.5	
Units	units/pallet	6	
Size	m²/unit	25	
Size	m²/pallet	150	
Pallet size(LxWxH)	m	0.8x1.2x2.15	
Weight	kg/m²	0.75	
Pallet weight	kg/pallet	112.5	
Number of dimples per m²		approx. 3364	
Volume	l/m²	0	
Void volume between dimples	l/m²	approx. 7.9	
Water transmission of Geotextile layer	l/m²/s	approx. 100	
Drainage capacity	l/ms	4.34	DIN EN ISO 12958:1999
Compressive strength	kN/m²	approx. 400	EN-ISO 25619-2

Urbanscape Green Roof System Benefits

- **Complete solution**
- **Lightness**
- **Efficient installation**
- **Sustainability**
- **High water absorption**
- **High thermal performance**
- **High acoustic performance**
- **High fire resistance**

- Urbanscape Sedum-mix Blanket
- Urbanscape Green Roll Substrate
- Urbanscape Drainage System
- Urbanscape Root Membrane
- Waterproof Membrane
- Roof base structure

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