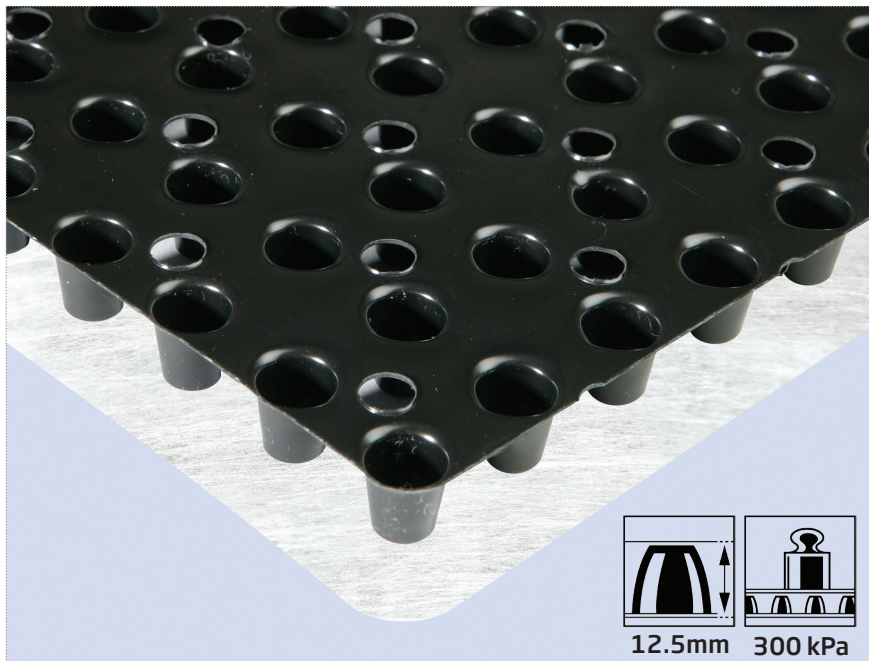


Urbanscape Drainage System

Description

Urbanscape Drainage System is a high-performance drainage system with an innovative dimple design made out of recycled high impact polystyrene. It acts as a drainage, separation and protection layer. The core of the drainage system is a perforated dimpled sheet with a high compressive strength and a construction height of approx. 12.5 mm. A non-woven geotextile is bonded to each dimple as a separation and protection layer. The drainage system is a protection layer in accordance with DIN 18531 "Waterproofing of roofs - Sealings for non-utilized roofs".



Installation

Urbanscape Drainage System is installed below the Urbanscape Green Roll in green roofs.

- Roll out the Urbanscape Drainage System over the total roof area and make sure the white geotextile is on the bottom.
- Install the rolls tightly side by side and use the geotextile overlaps to cover the joints.
- Cut out material where drainage boxes must be installed (over the roof outlets).
- For safety reasons and protection of the waterproofing membrane use a hook cutter to cut the Urbanscape Drainage System. Do not use a sharp blade cutter or knife!



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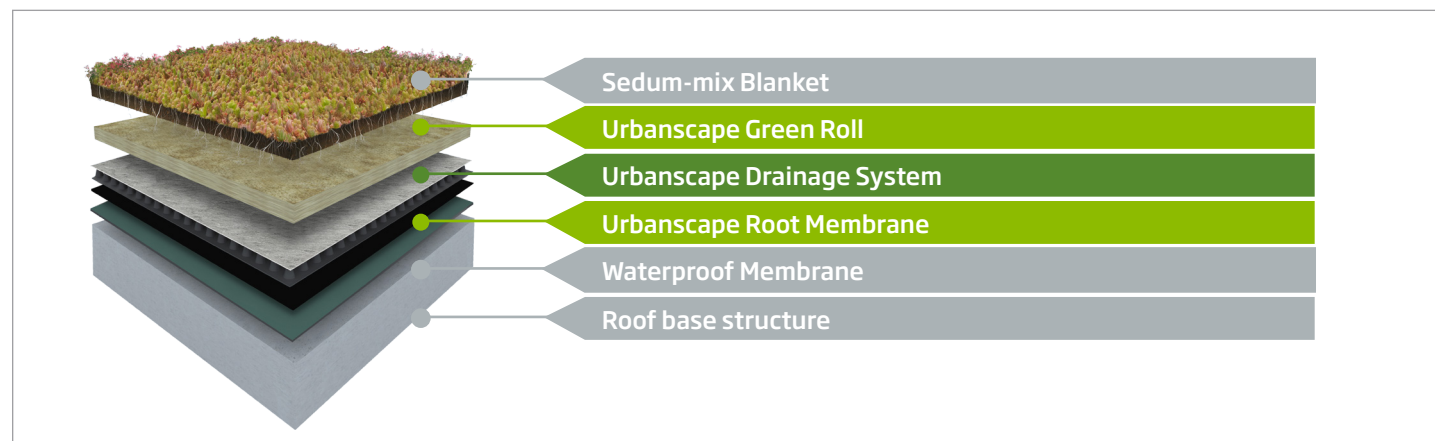


Above and beyond

Technical Properties of Urbanscape Drainage System

Property	Unit	Value	Standard
Construction height	mm	approx. 12.5	
Width	m	approx. 1.2	
Length	m	approx. 10	
Units	units/pallet	12	
Size	m ² /unit	approx. 12	
Size	m ² /pallet	approx. 144	
Pallet size (LxWxH)	m	0.8 x 1.2 x 2.55	
Weight	g/m ²	approx. 630	
Pallet weight	kg/pallet	approx. 91 <i>(excluding pallet)</i>	
Number of dimples per m ²		approx. 3,364	
Water retaining capacity dimple only	l/m ²	approx. 2.15	
Water retaining capacity incl. geotextile	l/m ²	approx. 2.65	
Number of perforations per m ²		approx. 1,540	
Compressive strength	kPa	approx. 300	hEN EN ISO 25619-2
Drainage Capacity:			
Fall = 1 %	l/(s.m)	approx. 0.62	hEN EN ISO 12958
Fall = 1.5 %	l/(s.m)	approx. 0.74	hEN EN ISO 12958
Fall = 2 %	l/(s.m)	approx. 0.84	hEN EN ISO 12958
Fall = 2.5 %	l/(s.m)	approx. 0.91	hEN EN ISO 12958
Fall = 3 %	l/(s.m)	approx. 0.95	hEN EN ISO 12958

Urbanscape Green Roof System Benefits



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Above and beyond