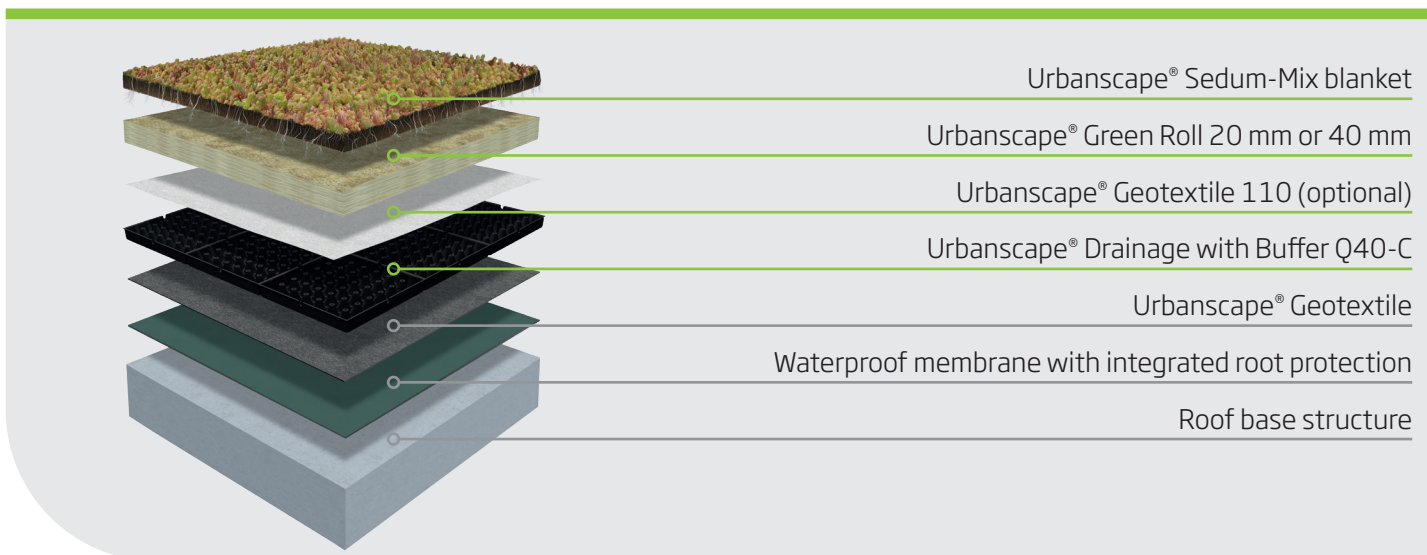


Urbanscape® GR Detention 40-C Standard and Premium

This set-up of the Urbanscape® Green Roof System is suitable for areas with higher amounts of storm events as well as for hot and arid climates, as the system includes drainage with an extra water buffer. Combining the superior water retention of the Urbanscape® Green Roll growing media with an additional water reservoir of Urbanscape® Drainage with Buffer Q40-C, this system provides excellent stormwater retention and detention capabilities. When completely dry, the water absorption feature of the Urbanscape® Green Roll will utilise the extra water buffer stored in the drainage cavities. In the event of a big storm event the specially designed Urbanscape® Drainage with Buffer Q40-C will act as a stormwater buffer to reduce the water pressure on sewage systems at the peak of the storm.

Layer structure of Urbanscape® Green Roof Detention 40-C Standard and Premium



Performance characteristics of the system components

System components	Weight (kg/m ²)		Height (mm)	Water storage capacity (L/m ²)
	Dry	Wet		
Urbanscape® Sedum-Mix	approx. 15.0	approx. 23.0	approx. 20-40	approx. 8
Urbanscape® Green Roll (Standard)	2.2	approx. 19.2	20	approx. 17
Urbanscape® Green Roll (Premium)	4.4	approx. 33.4	40	approx. 29
Urbanscape® Drainage with Buffer Q40-C	1.9	up to 25.2	40	up to 23
Urbanscape® GR Detention 40-C Premium	21.3	81.6	approx. 100-120	up to approx. 60
Urbanscape® GR Detention 40-C Standard	19.1	67.4	approx. 80-100	up to approx. 48

Urbanscape® Geotextile 300-REC: dry weight 0.30 kg/m²; saturated weight 1.56 kg/m²; water storage capacity of up to 1.26 kg/m²
Urbanscape® Geotextile 110: dry weight 0.11 kg/m²; saturated weight 0.56 kg/m²; water storage capacity of up to 0.45 kg/m²

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