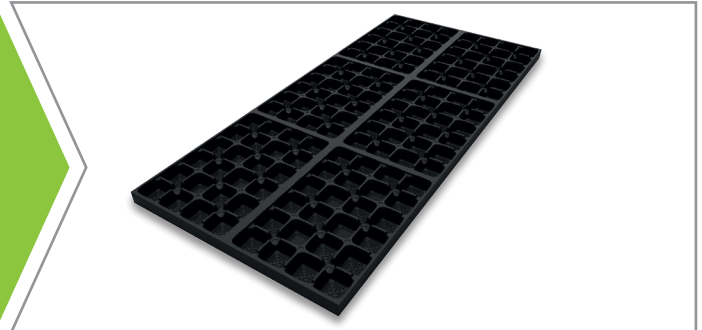


Urbanscape®

Drainage with buffer Q60/Q60-C



Description

Urbanscape® Drainage with buffer Q60 / Q60-C is a drainage and reservoir board (60 mm height) made from recycled polystyrene with excellent load-bearing capacity specifically designed for green roofs. The panels are perforated on one side to allow installation with the holes on the upper side for water retention. It is designed for flat and sloped green-roof systems with a slope of up to 20°. The Urbanscape® Drainage with Buffer Q60-C is a drainage for when the detention is in question. Its specific design helps dealing with slow water release perfectly.

The drainage is made of high-quality plastic to ensure that the system is lighter and more compact in comparison with regular drainage layers. It complies with the FLL Guidelines for the Planning, Execution and Upkeep of Green-Roof Sites.

Installation

Urbanscape® Drainage System is installed below the Urbanscape® Green Roll.

- Panels are perforated on one side, to allow water retention. Install the panels with the holes one to another.
- Cover the total roof area with the panels.
- 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 panels. Do not use a sharp blade cutter or knife.

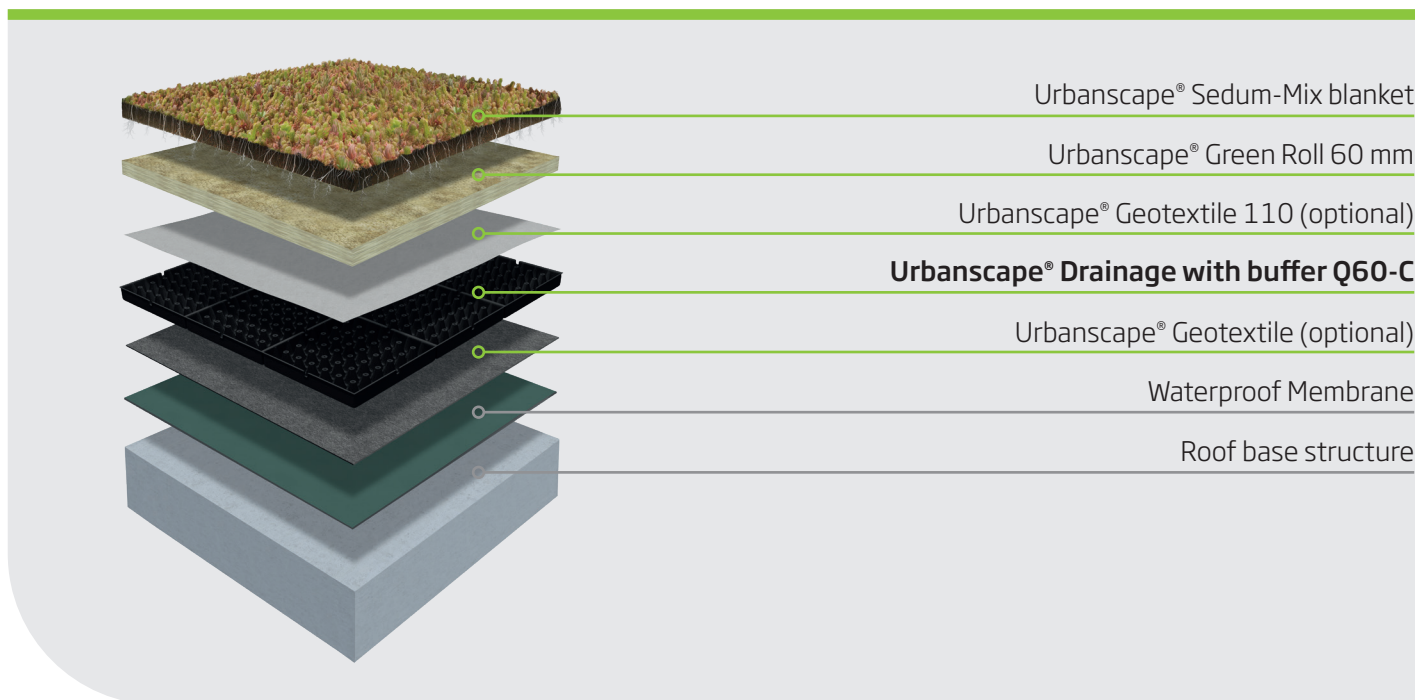
Storage: store horizontally, for long-term storage protect from UV radiation adjacent to each other or overlapped, cover immediately after laying.

Technical Properties of Urbanscape® Drainage System with buffer Q60-C

| Property | Unit | value | Standard |
|--------------------------------------|-------------------|---|----------------|
| Height | mm | 60 | |
| Width | m | 1.064 | |
| Length | m | 2.360 | |
| Rain water retention capacity | l/m ² | 39 | |
| Weight | kg/m ² | 2.22 | |
| Water flow capacity | l/m*s | 1% roof slope: 1.95 2% roof slope: 2.95 5% roof slope: 4.74 | EN-ISO 12958 |
| Compressive strength (unfilled) | kN/m ² | 118 | EN-ISO 25619-2 |
| Compressive strength (empty) | kN/m ² | 118 | EN-ISO 25619-2 |
| Compressive strength (filled - max.) | kN/m ² | 1140 | 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



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