

Urbscape® Green Roll (HTC GR)

October 2018

Description

Urbscape® Green Roll (HTC GR) is made of long rock mineral wool fibres specially needed to form a compact and dimensionally stable felt. Product is made solely of virgin rock mineral fibres. Urbscape® Green Roll ensures excellent water retention and conservation in green roofs and is a good growing medium made from various mineral mixtures.



Installation

- Roll out Urbscape® Green Roll crosswise on top of the drainage panels/rolls.
- You might create a non covered area from the edge of the roof. This area will be used as a gravel area. Install Urbscape® Green Roll tightly side by side.
- If necessary Urbscape® Green Roll can be cut to the right size (scissors preferable).

Products	Thickness (mm)	Width (m)	Length (m)	Units per pallet	Weight (kg/m ²)	Pallet weight (kg/pallet)	Water retention (l/m ²)
Green Roll Standard	20	1	6	24	2.20	316.80	17
Green Roll Standard	40	1	3	24	4.40	316.80	29
Green Roll Standard MD	26	1	5	12	3.30	202.80	17
Green Roll Standard HD	26	1	5	12	3.90	234.00	17

Products	Thickness (in)	Width (ft)	Length (ft)	Units per pallet	Weight (lb/ft ²)	Pallet weight (lb/pallet)	Water retention (gal/ft ²)
Green Roll Standard	0.8	3.28	19.7	24	0.45	698.4	0.417
Green Roll Standard	1.6	3.28	9.8	24	0.90	698.4	0.712
Green Roll Standard MD	1	3.28	16.4	12	0.67	447.1	0.417
Green Roll Standard HD	1	3.28	16.4	12	0.80	515.9	0.417

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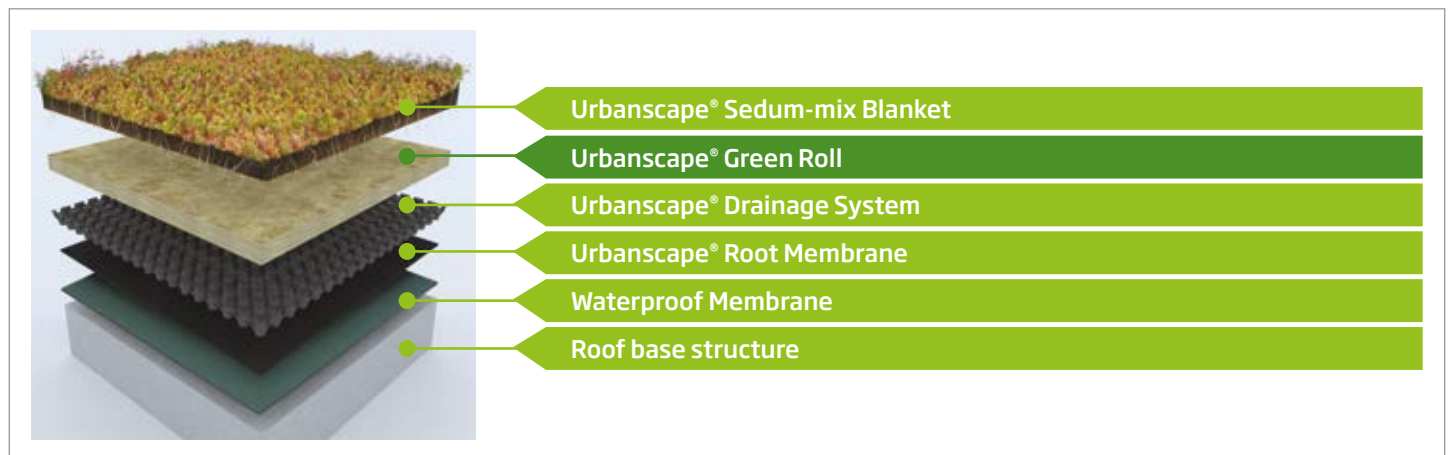
Technical Properties of Urbanscape® Green Roll

Property	Unit	Value	Standard
Nominal density*	kg/m ³ (lb/ft ³)	100, 130 (MD), 150 (HD) 6.9, 8.1 (MD), 9.3 (HD)	EN 1602
Initial water absorption**	times	8.3	
Initial water absorption under 700 N/m ² pressure**	times	7.0	
Water absorption characteristics	%	72	WOK analysis
Thickness tolerance*	T2	EN 14303	
Maximum service temperature*	°C (°F)	100 (212)	EN 14706
Thermal conductivity at mean temperature* λ _{N,P}	W/mK	0.040	EN 12667
Reaction to fire		Euroclass A1	EN 13501-1

*Valid for dry state **The ratio of the weight of water absorbed by a material, to the weight of the dry material.

Certificates : CE, EUCEB, RAL, ISO 9001, ISO 14001, EN 16001, OHSAS 18001

Urbanscape® Green Roof System Benefits



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