

OPTIGREEN URBAN SOIL

Intensive Substrate

Optigreen Intensive Substrate Urban Soil is used as a vegetation substrate for intensive multi-layer green roofs. Specifically designed for growing vegetables and berry bushes on garden roofs with 0-5° roof pitch.



Material (Main constituents)	pumice, lava and compost with assured RAL quality
Weight when dry (compacted)	min. 1,100 kg/m ³
Weight when saturated (compacted)	max. 1,650 kg/m ³
Max. water capacity	48 Vol%
pH value	7.76
Salt content	0.4 g/l
Water permeability	1.3 mm/min
Compaction factor	1.3
Organic substances	29 g/l
Total pore volume	57 Vol%
Delivery form	- loose on an open truck - blown into silo truck - in big bags on an open truck - In sacks on Euro pallets by forwarding agent
Quantity/delivered unit	according to size of order

Area of use

Vegetation substrate for intensive multi layer green roofs. Specifically designed for growing vegetables and berry bushes on garden roofs with 0-5° roof pitch.

Specific properties

Substrate properties especially chosen to grow vegetables, for example:

- High water storage capacity
- Very low salt content
- High nutrient-storing capacity
- Due to originally low content of organic substances, it is possible to add composted vegetation during the cultivation cycle
- Suitable for subsurface irrigation with drip tubes when used with Optigreen Suction and Capillary Fleece RMS 500 K

Note

The substrate must be provided with new nutrients, adequately selected for each crop, in every phase of the cultivation cycle. The pH value may be lowered according to the needs of a newly planned crop, for example by adding peat.

The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigreen's technical knowledge at the time of publication. Optigreen reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. No liability accepted for misprints.

Optigrün international AG

Am Birkenstock 15 – 19,
72505 Krauchenwies-Göggingen
Tel. +49 7576 772-0, Fax +49 7576 772-299, info@optigruen.de

Optigreen Limited (Service UK only)

Suite G5 Albany Chambers, 26 Bridge Road East
Welwyn Garden City (Herts), AL7 1HL
Phone +44 203 5899400, Fax +44 207 1171664, info@optigreen.co.uk

