

OPTIGREEN OPTILITH (RO)

Intensive/Extensive Single Layer Substrate

Optigreen Intensive/Extensive Single Layer Substrate Optilith is used as a drainage and vegetation base layer on intensive and extensive single layer green roofs; used for accumulation of excess water in a cistern with increased water purity requirements.



Material (main components)	lava, pumice, peat
Weight when dry (compacted)	980 kg/m ³
Weight when saturated (compacted)	1,340 kg/m ³
Max. water capacity	36 Vol%
pH value	7.02
Salt content	0.1 g/l
Water permeability	101 mm/min
Compaction factor	1.15
Organic substances	1.5 mass%
Total pore volume	63 Vol%
Construction material class	A1 (not flammable)
Delivery form	- loose bulk on an open truck - blown into silo truck - in big bags on an open truck
Quantity/delivered unit	according to size of order

Area of use

Drainable vegetation substrate for extensive green roofs with increased demands on the purity of excess water and non-potable water use in sanitation.

Specific properties

- Fulfils the requirements of the FLL Green Roofing Guideline
- The stated 1.5% organic substances are bound pore water in the peat that only evaporates at temp. above 400°. The substrate is thus purely mineral and consequently does not contain any carbonic organic matter

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.

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