OPTIGRÜN OPTILITH

Extensive/Intensive Single Layer Substrate

Optigreen Extensive/Intensive 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, tuff, expanded clay Composition varies depending on the region
Weight when dry (compacted)	approx. 760 - 1,000 kg/m³
Weight when saturated (compacted)	approx. 1,090 - 1,500 kg/m³
Max. water capacity	approx. 32 Vol%
ph value	approx. 7 - 8
Water permeability	approx. 90 mm/min
Compaction factor	1.15
Total pore volume	50 - 65 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 and intensive 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

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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 Optigrün's technical knowledge at the time of publication. Optigrün 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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