

OPTIGRÜN PERL 2/10 BS

Drainage Material

Optigrün Drainage Material Perl 2/10 BS is used as a drainage layer beneath extensive and intensive green roofs without water accumulation, for pressure-stable filling of plastic drainage boards and as levelling course beneath paving.



Material	Expanded shale
Grading	2-10 mm
Weight when saturated	670 kg/m ³
Weight dry	560 kg/m ³
Max. water capacity	11 - 19 Vol%
pH value	7.5 - 8.5
Salt content	< 0,5 g/l
Water permeability	> 420 mm/min
Total pore volume	70 - 80 Vol%
Compaction factor	1.15
Compression at 500 kN/m²	4 %
Grain strength according to DIN 4262	8.61 N/mm ²
Frost resistant according to DIN 4226	yes
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

- As a drainage layer beneath extensive and intensive green roofs without water accumulation
- For pressure-stable filling of plastic drainage boards
- As a pressure resistant drainage and levelling course beneath paving

Specific properties

Fulfils the requirements of the FLL Green Roofing Guideline.

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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