

OPTIGREEN PERL 8/16 BS

Drainage Material

Optigreen Drainage Material Perl 8/16 BS is used as drainage layer beneath intensive green roofs, for pressure-stable filling of plastic drainage boards and as lightweight drainage and levelling course beneath paving.



Material	Expanded shale
Grading	8-16 mm
Weight when saturated	approx. 890 kg/m ³
Weight dry	approx. 730 kg/m ³
Max. water capacity	16 Vol%
pH value	7.4 - 8.5
Salt content	< 1.0 g/l
Water permeability	> 420 mm/min
Total pore volume	73 Vol%
Compaction factor	1.1
Compression at 500 kN/m²	5 %
Grain strength according to DIN 4262	6.12 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 - In sacks on euro pallets by forwarding agent
Quantity/delivered unit	according to size of order

Area of use

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

Specific properties

Fulfills 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 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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