

OPTIGREEN PERL 2/12 ZS

Drainage Material

Mechanically broken chippings from brick rubble as water-permeable, compression-resistant drainage material under multi-layer extensive and intensive green roofs.



Material	95 % Clay brick rubble, 5 % expanded clay
Grading	2-12 mm
Proportion of broken grains	> 80 mass %
Oversized grains	≥ 20 mass %
Weight when saturated	approx. 1,250 kg/m ³
Weight when dry (bulk density)	approx. 960 kg/m ³
pH value	7.9 according to ÖN S 2021
Salt content	4.18 g/l according to ÖN S 2021
Carbonate content	2.50 %
Water storage capacity	29.3 % according to ÖN B 2606-1
Water permeability	> 1,000 mm/min according to ÖN B 2606-1
Structural and positional stability	100 % according to ÖN L 1031 EN 933-5
Colour	reddish brown
Delivery form	- loose bulk on an open truck - in big bags on an open truck
Quantity/delivered unit	according to size of order

Area of use

- Can be used as a compression-resistant, water-permeable drainage material under multi-layer extensive and intensive green roofs

Specific properties

- Fulfils the requirements of ÖNORM L1131:2010 "Horticulture and landscaping - Green area on roofs and ceilings of buildings"

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

