

# OPTIGRÜN R

## Lawn Substrate

Vegetation substrate for intensive multi layer green roofs with a roof pitch of 0-15°, particularly for enclosures with lawn areas. As a substrate that can be blown without additional measures, the use of rolled turf is strongly recommended.



<b>Material (main constituents)</b>	expanded shale, expanded clay, lava, pumice, crushed brick and green waste compost. With a variable composition depending on the region
<b>Weight when dry (compacted)</b>	min. 1,000 kg/m <sup>3</sup>
<b>Weight when saturated (compacted)</b>	max. 1,700 kg/m <sup>3</sup>
<b>Max. water capacity</b>	≥ 30 Vol%
<b>pH value</b>	5.5 - 7.5
<b>Salt content</b>	≤ 3.5 g/l
<b>Water permeability</b>	≥ 1 mm/min
<b>Compaction factor</b>	1.3
<b>Organic substances</b>	< 90 g/l
<b>Total pore volume</b>	> 60 Vol%
<b>Delivery form</b>	- 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
<b>Quantity/delivered unit</b>	according to size of order

### Area of use

- Vegetation base layer for intensive multi layer green roofs for the laying of rolled turf
- When seeding lawns, it is recommended to apply approx. 20 l/m<sup>2</sup> of sand, sand/fine compost mixture or sandy soil on top of the lawn substrate

### Specific properties

- Fulfills the requirements of the FLL Green Roofing Guideline
- More precise information about the weight is to be requested from Optigrün based on the region of the construction scheme

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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