



Data Sheet

Optigrün Extensive One-layered Substrate Type M

Area of Application:	Drainage and vegetations layer on roof surfaces in one-layered structure (0-5°).
Material*:	Lava, pumis, expanded slate, expanded clay tone, sinter slag, crushed brick, manure, green waste compost
Properties/Characteristic values:	<p>Total pore volume: > 60-70 Vol%</p> <p>Weight by maximum water-holding capacity and compaction:</p> <p>Type "light" dry water-saturated starting at approx. 600 kg/m³ up to approx. 1150 kg/m³</p> <p>Type "heavy" dry water-saturated starting at approx. 1000 kg/m³ up to approx. 1500 kg/m³</p> <p>Max. water capacity: >= 20 Vol%</p> <p>Organic substance: 1 - 3 Mass %</p> <p>pH-value: 6,5 - 8,5</p> <p>Water soluble salts: ≤ 3,5 g/l</p> <p>Water permeability: ≥ 60 mm/min</p> <p>Compaction factor: 1,15</p> <p>Corresponding to requirements from FLL or VfB guidelines.</p>
Delivery form:	Loose, blown, in sacks and in "big bags"
Storage:	dry, Sacks and big bags must be UV protected
* Depending on the region different aggregates can be used!	
<p><i>The mentioned data act as guidelines discovered in the company-owned Laboratory that our supplier would want to obtain. The values underlie a Manufacturing tolerance of approximately 8-10%. Included in this product information are data corresponding to the technical information at the time of writing. It remains reserved with Optigrün to supplement and change new knowledge at any given time so that the properties of the products can be modified.</i></p>	