

OPTIGRÜN SSV 800

Structured Storage Fleece

For use on pitched green roofs as protection layer with water reservoir function and ribbed structure on the underside to guide the excess water.



Material	PET plastic fibre
Nominal thickness	Approx. 10 mm
Grammage	Approx. 800 g/m ²
Colour	Green/white
Geotextile robustness class	GRC 3
Water storage capacity	Approx. 6.0 l/m ²
Water discharge capacity (DIN EN ISO 12958)	Measured at $\sigma=2$ kPa, soft/hard, MD $i = 0.09$ (=9 % roof pitch): 0.484 l/(m*s) $i = 0.27$ (=27 % roof pitch): 0.979 l/(m*s) $i = 1$ (vertical): 2.31 l/(m*s)
Opening width O₉₀	0.185 mm
Puncture resistance	1,500 N (EN ISO 12236)
Quantity/delivered unit	40 m ² /roll = 2.0 x 20.0 m
Delivery form	As individual roll(s)
Pack size	Diameter approx. 0.65 m, height approx. 2.0 m/per roll
Delivery weight	Approx. 32.0 kg/roll
Detector tested	Yes

Area of use

- As a combined protective layer with water reservoir and drainage function for use on sloping green roofs.
- As a water reservoir and for the targeted guiding of excess water, above all at the eaves
- Full-surface laying for a roof pitch over 15° and substitute for RMS 500

Specific properties

- 100% PET plastic fibre
- Detector tested
- Puncture resistance 1,500 N
- Water storage capacity approx. 6.0 l/m²
- Recyclable

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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