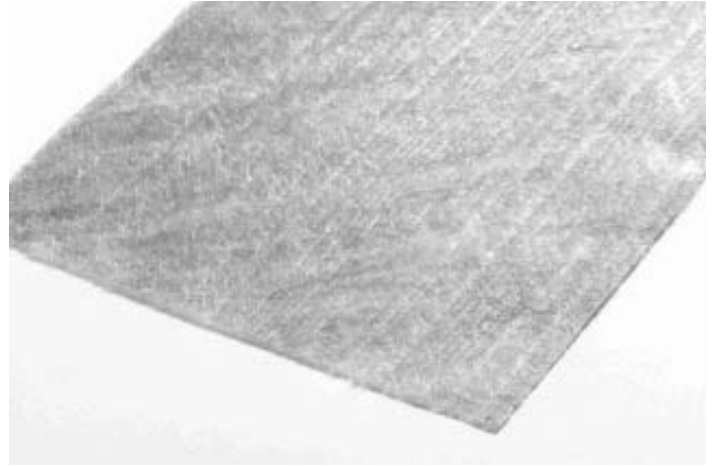


OPTIGREEN FIL 105

Filter Fleece

Endless fibre fleece with tested water permeability as filter separation layer between drainage and substrate layers.



Material	PP (polypropylen)
Nominal thickness	Approx. 1.1 mm
Grammage	Approx. 105 g/m ²
Colour	Grey
Geotextile robustness class	GRC 2
Mechanical filter efficiency	0.06 ≤ gew. 0 ₉₀ ≤ 0.2 mm (EN ISO 12956)
Max. tensile strength	7.5 / 7.5 kN/m (EN ISO 10319)
Elongation longitudinal/lateral	90 / 75 % (EN ISO 10319)
Puncture resistance	1,200 N (EN ISO 12236)
Vertical water permeability	130 l/s x m ² (EN ISO 11058)
Quantity/delivered unit	200 m ² /roll = 2.0 x 100.0 m 2,200 m ² /pallet
Delivery form	11 rolls on euro pallet 80 x 120 cm
Pack size	Diameter approx. 0.28 m, height approx. 2.0 m / per roll
Delivery weight	Approx. 21.0 kg/roll - Approx. 255,0 kg/full euro pallet
Mechanically strengthened	Yes
Detector tested	Yes

Area of use

- Horizontal filter layer on green roofs between drainage layer and substrate
- Filtration of particles from the substrate.
- As separation between peddle strips and substrate.
- For superstructural parts that can be walked on as a horizontal filter layer

Specific properties

- 100% PP (polypropylene)
- CE-marked
- Puncture resistance 1,200 N
- Vertical water permeability 130 l/s x m²
- 7.5 kN/m tensile strength longitudinal/lateral
- Mechanically strengthened
- Detector tested
- 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 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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