

# Data Sheet

## Protection and Storage Fleece RMS 500 K

Synthetic fleece to protect the roof waterproofing with simultaneous function of separation, water storage, excellent suction and defined filter function.



### Technical details and properties:

<b>Material:</b>	Neddle fleece PES 100% new
<b>Nominal thickness:</b>	approx. 3.6 mm
<b>Surface weight (dry):</b>	approx. 500 g/m <sup>2</sup>
<b>Surface weight (watersaturated):</b>	approx. 4.5 kg/m <sup>2</sup>
<b>Colour:</b>	White
<b>Geotextile robustness class:</b>	GRC 4

<b><u>Technical details and prope</u></b>	PES Hygroscopically adjusted:	Yes
	Mechanically reinforced:	Yes
	Detector tested:	Yes
	Water storage capacity:	approx. 4 l/m <sup>2</sup>
	Max. tensile strength long. / lat.	10/28 kN/m (accord. DIN EN ISO 10319)
	Puncture resistance:	2600 N = GRC 4 (accord. DIN ISO 12236)
	Water permeability:	37 l/m <sup>2</sup> ·s (accord. DIN EN ISO 11058)
	Mech. filter efficiency (Dw):	0.066 mm (accord. DIN EN ISO 12956)

<b><u>Delivery form:</u></b>	In rolls
	Roll width: 2 m
	Roll length: 25 m
	Bulk weight: approx. 26 kg

**Quantity per delivery unit:** 8 rolls/pallet = 400 m<sup>2</sup>

**Area of use:** Installation generally under the green roof system, directly on the roof waterproofing as protection and storage fleece, amongst others also because of the high capillary suction, specifically to avoid podning on uneven roof. Can also be used above drainage layers for example for distribution of water in the context of irrigation facilities because, according to the requirements of the FLL guidelines, sufficient water permeability exists.

**Installation** Lay directly on top of the waterproofing with 100 mm overlap (see also the Optigreen installation guide)

**Storage:** Store flat and dry

**Disposal:** Recyclable in a clean condition

*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. Errors and omissions excepted.*