

TECHNICAL DATA SHEET

ND SV-500 Protective Geotextile



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The approx. 3 mm separation and protection geotextile provides reliable protection for roof waterproofing and root barrier membranes against mechanical damage.

In addition to its protective function, it serves as an extra water retention layer and effectively separates incompatible materials within the roof build-up, contributing to the long-term performance of the green roof system.

It is particularly suitable for installation beneath drainage systems and water retention elements in intensive green roof systems. It complies with the requirements of the FLL Green Roof Guidelines.

Application

The ND SV-500 Protective Geotextile has been developed for use in intensive green roof systems, with or without water retention.

Properties

- Material: Polyester (PES), mechanically and thermally bonded
- Thickness: approx. 3 mm
- Color: multicolor
- CBR puncture resistance >2,000 N (DIN ISO 12236)
- Geotextile robustness class: GRK 3
- Waterbuffering: approx. 3.5 l/m²

Product	Dimensions (L x W)	Weight
ND SV-500 Protective Geotextile	approx. 2 x 50 m approx. 100 m ² per roll	approx. 500 g/m ²