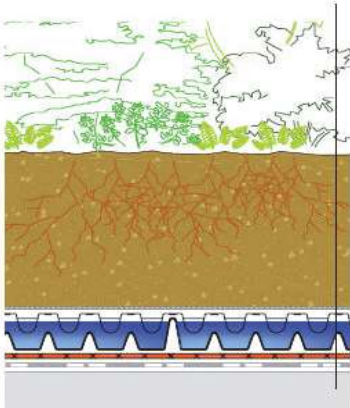


VLS-500

Protection and water retention layer

ADVANTAGES

- Sheet for protection against mechanical stress and for moisture retention
- High durability
- Easy to cut



Layer components from top to bottom:

- Vegetation
- Vegetation substrate SRM,
- Geotextile filter VLF-200,
- Drainage board DiaDrain-40H
- Protection and water retention layer **VLS-500**
- Root protection layer FLW-400
- Roof construction



APPLICATION

Protection and water retention layer suitable for green roofs. It is placed above the building insulation or the root protection membrane through overlapping layers for their protection from mechanical stress.

SPECIFICATION

Synthetic layer of high quality polypropylene fiber, of high mechanical strength, heat resistant, with water retention capabilities, thickness 4.0 mm, weight 500 g/m², tensile strength 4.4 kN/m in longitudinal direction and 6.0 kN/m in cross direction, biologically and chemically neutral, resistant to bacteria and microorganisms, fertilizers and organic compounds e.g. pesticides, root excretions etc. The material complies with FLL specifications and its durability complies with international and national standards (EN ISO 12956, EN ISO 10319, EN ISO 11058, EN ISO 12236, EN ISO 13433 MSZ 93-9:1985, EN 13252).



TECHNICAL DATA

Thickness (mm)	4.0
Width (m)	2.0
Length (m)	50
Weight (g/m ²)	500
GRK	4
Water retention capacity (l/m ²)	3.6
Tensile strength in longitudinal direction (KN/m)	4.4
Tensile strength in cross direction (KN/m)	6.0
CBR-test (KN)	3.3



Green Up the Roof!

