SL-I 125 separation sheet

Part No.: 1120

Application area

The SL is part of our durable separation and filter sheet range. SL-I 125 protection layer is primarily used to protect the thermal insulation layer beneath a green roof from the leeching of fine growing medium particles or gravel into the gaps between the insulation panels. Being thermally treated on both sides, makes the SL-I 125 a hydrophobic layer. An overlapping of at least 100 mm is required between the adjacent separation sheets. Openings must be cut in the separation sheet above the roof outlets.

Benefits

- ☑ resistant to PVC, bitumen, and polystyrene
- ☑ excellent water permeability and ventilation properties
- ☑ low clogging index
- ☑ withstands point stresses
- ☑ made of virgin polypropylene, includes a 25-year warranty to perform its function
- ☑ complies with FLL - Guidelines for the Planning, Execution and Upkeep of Green-roof sites 8.2 / 2002

CE

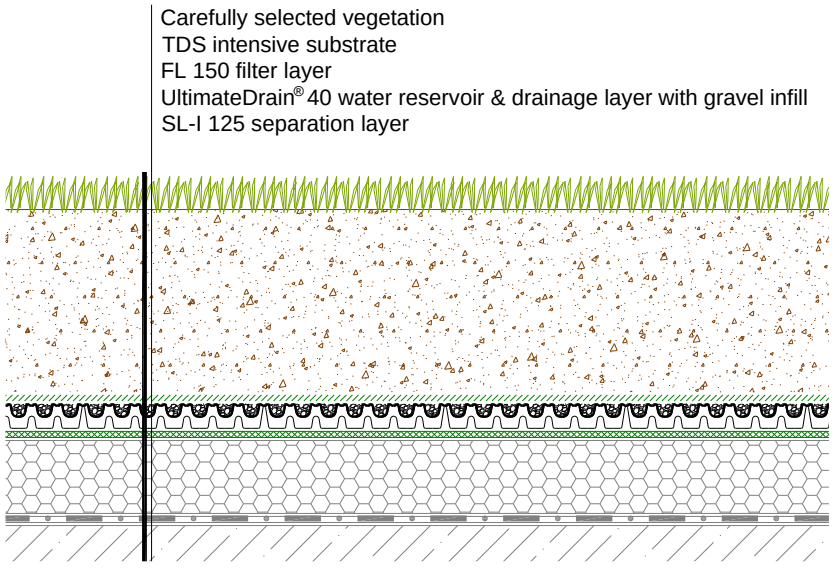
Technical data

Material	Polypropylene
Thermal treatment	Both sides
CE marking	Affixed
Weight per unit area (EN ISO 9864)	125 g/m^2
Tensile strength (EN ISO 10319) warp (MD) weft (CMD)	 10 kN/m 10 kN/m
Elongation at break (EN ISO 10319) warp (MD) weft (CMD)	 40 % 45 %
CBR puncture (EN ISO 12236)	1.6 kN
Pore size, O_{90} (EN ISO 12956)	0.09 mm
Water permeability normal to the plane VI_{H50} q (EN ISO 11058)	 100 mm/s 100 l/m^2·s
Width / length / area of roll	2 m / 100 m / 200 m^2
Weight / diameter of roll	26 kg / 35 cm
Colour	black

Specification suggestion

ArchiGreen® SL-I 125 is CE-certified needled felt, thermally treated on both sides, made of non-rotting virgin polypropylene fibres. Due to the properties of this polypropylene membrane, it is applied on inverted green roofs. Surface weight: 125 g/m^2; thickness: 1.3 mm; CBR test EN ISO 12236: 1.6 kN; tensile strength EN ISO 10319: 10 kN / m, elongation at break MD /CMD: 40/45%; pore size EN ISO 12956: $d_{90\%}$ = 0.09 mm; water permeability EN ISO 11058: 100 mm/s, q: 100 l/m^{2}xs; laid with an overlap of 100 mm. Complies with FLL guidelines 5.3 / 2002 and 8.2 / 2002.

Installation example



ARCHIGREEN Zöldtető Kft.
117 Dózsa György rakpart • Győr • H-9026
info@archigreenltd.com • www.archigreenltd.com