

FL 110 filter sheet

Part No.: 1132



Application area

FL 110 is part of our FL filter sheet range. The FL 110 filter layer is primarily used to serve filtration purposes in an extensive green roof build-up where it is rolled out over the drainage layer. An overlapping of at least 100 mm is required between the adjacent filter sheets. Openings must be cut in the filter sheet above the roof outlets.

Benefits

- ☑ excellent water permeability and ventilation properties
- ☑ low clogging index
- ☑ withstands point stresses
- ☑ resistant to acids and alkalis
- ☑ 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

Technical data

Material	Polypropylene
Thermal treatment	Both sides
CE marking	Affixed
Weight per unit area (EN ISO 9864)	110 g/m ²
Tensile strength (EN ISO 10319)	
warp (MD)	9 kN/m
weft (CMD)	9 kN/m
Elongation at break (EN ISO 10319)	
warp (MD)	45 %
weft (CMD)	50 %
CBR puncture (EN ISO 12236)	1.5 kN
Pore size, O ₉₀ (EN ISO 12956)	0.09 mm
Water permeability normal to the plane	
V _{IH50}	100 mm/s
q	100 l/m ² ·s
(EN ISO 11058)	
Width / length / area of roll	2 m / 100 m / 200 m ²
Weight / diameter of roll	23 kg / 30 cm
Colour	black



Specification suggestion

ArchiGreen® FL 110 is CE-certified needled felt, thermally treated on both sides, non-rotting virgin polypropylene fibres. It serves as a filter layer in an extensive green roof build-up. Surface weight: 110 g/m²; thickness: 1.2 mm; CBR test EN ISO 12236: 1.5 kN; tensile strength EN ISO 10319: 9 kN/m, elongation at break MD/CMD: 45/50%; pore size EN ISO 12956: d₉₀% = 0.09 mm; water permeability EN ISO 11058: 100 mm/s, q: 100 l/m²·s; laid with an overlap of 100 mm. Complies with FLL guidelines 8.2/2002.

Installation example

