

Product Data Sheet

BIOSOLAR FILTER FLEECE FIL 150

1. Description	Filter separation layer with tested water permeability between drainage and substrate layers for surfaces with increased loads.
2. Area of use	<ul style="list-style-type: none">• Horizontal filter layer on Biosolar green roofs.• Filtration of particles from the substrate.• As separation between pebble strips and substrate.
3. Specific properties	<ul style="list-style-type: none">• 100% PP (polypropylene).• CE-marked CE-1213-CPR-5930.• Puncture resistance 1,700 N.• Vertical water permeability 90l/s x m².• 10.5kN/m or 10kN/m tensile strength longitudinal/lateral.• Mechanically strengthened.• Detector tested.• Recyclable.• European Technical Assessment (ETA-13/0557).

Material	PP continuous filament (polypropylene)
Nominal thickness	approx. 1.2mm
Grammage	approx. 150g/m ²
Colour	white
Geotextile robustness class	GRC 3
Mechanical filter efficiency	0.06 ≤ gew. O ₉₀ ≤ 0.2 mm (EN ISO 12956)
Max. tensile strength longitudinal/lateral	10.5 / 10.0kN/m (EN ISO 10319)
Elongation longitudinal/lateral	75 / 65% (EN ISO 10319)
Puncture resistance	1,700N (EN ISO 12236)
Vertical water permeability	90 l/s x m ² (EN ISO 11058)
Quantity/delivered unit	180m ² /roll = 2.0 x 90.0m 1,080m ² /pallet
Delivery frame	6 rolls on euro pallet 800 x 1,200mm
Pack size	Diameter approx. 0.30m, height approx. 2.0m/roll
Delivery weight	approx. 27.0kg/roll approx. 185.0kg/full euro pallet
Mechanically strengthened	yes
Detector test	yes

Axter Ltd reserves the right to modify and update this data at any time without prior notice. Only the latest version of this document is valid, available for download at www.axter.co.uk/downloads. Once downloaded, documents are uncontrolled. Users should always confirm they are referring to the latest version prior to use. Further assistance is available from Axter Ltd's Technical Support Team, email: technical@axterltd.co.uk, telephone: 01473 935008.

The intended use of this product should be verified with Axter Ltd prior to adoption to ensure its suitability and compliance with specifications, project requirements, industry regulations, legislation, good practice, installation techniques and all other relevant guidance. Axter Ltd accepts no liability for non-compliant use of this product.