

PermaSEAL^{PRO}

Protection Fleece 300



PermaSEAL[®] PRO Protection Fleece 300 is a recycled plastic fibre fleece, designed to protect the waterproofing layer within a green roof system. The protection fleece membrane protects against light mechanical damage, during and after construction..

It can also act as a separation layer between incompatible substrates in a green roof system.

Made from 100% recycled material and fully recyclable, the PermaSEAL[®] PRO Protection Fleece 300 is well suited to the environmental credentials of a green roof..

HEALTH & SAFETY

Please use the product only in accordance with the information given in this datasheet and the installation guide. There is no legal requirement for a safety data sheet for this product.

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INSTALLATION

PermaSEAL[®] PRO Protection Fleece 300 is rolled out over the primary waterproofing layer and PermaSEAL[®] PRO Root Barrier. The 2m wide roll is easily cut to length with a sharp pair of scissors and provides protection against mechanical damage from the PermaSEAL[®] PRO Green Roof Drainage & Storage membrane or PermaSEAL[®] Sedum Trays that sit directly above.

STORAGE

Store upright in dry conditions at temperatures between 5°C and 25°C. Do not expose to freezing conditions or direct sunlight. Protect from UV.

PERMASEAL [®] PRO PROTECTION FLEECE 300	PRODUCT TECHNICAL DETAILS
Membrane	PP/PES/Acrylic Recycled Fibres approx. 300g/m ²
Geotextile robustness class	GRC2
Thickness	Approx. 2.5 mm
Weight	30.0 kg per roll
Colour	Multicolour
Roll length	50m
Roll width	2m
Static puncture CBR Test	0.5 kN
Dynamic puncture resistance	40 mm
Tensile strength MD/CMD	3 kN/m
Elongation MD/CMD	50 / 65 %
Opening size	70 µm
Water permeability	58 l / (m ² * s)

FEATURES

- 100% recycled material
- Recyclable
- Rot Proof
- Conforms to GRO requirements for performance for a protection layer
- Mechanically strengthened