

## PRODUCT DETAILS

Product name **Pro-Living® Bio-Solar Protection Fleece**

Product type Bio-Solar green roof component

## PRODUCT DESCRIPTION

**Pro-Living® Bio-Solar Protection Fleece** is a heavy-duty protection membrane for use within bio-solar green roof systems.

## APPLICATION

**Pro-Living® Bio-Solar Protection Fleece** is suitable for use on extensive and bio-diverse roofs with the following waterproofing membranes:

- Cold Melt®
- Proteus Hot Melt®
- Pro-BW® Plus
- Pro-BW® LO
- Proteus Pro-Felt® Ultima Plus Anti-Root Capsheet

## INSTALLATION

**Pro-Living® Bio-Solar Protection Fleece** must be laid first to protect the waterproofing membrane beneath.

Ensure that the protection fleece overlaps by at least **100 mm** and that sufficient coverage is achieved on details and upstands.

If uneven areas are visible after rolling out the protection fleece (e.g. the formation of hollows **>10 mm** deep and **>4 m<sup>2</sup>** area in places), compensatory measures must be taken so that the PV modules can be correctly mounted. To do this, use a fine-grained drainage material to extensively level out the areas of unevenness. Ideally spread the loosely applied material level with the surrounding area using an aligning pole.

## TECHNICAL INFORMATION

Characteristic	Value	Unit
Water reservoir	~3.5	L/m <sup>2</sup>
Mass per unit area	500	g/m <sup>2</sup>
Geotextile strength class	GRC 2	-
Pack size per roll (diameter)	0.5	m
Pack size per roll (height)	2	m
Mechanically strengthened	Yes	-
Rotproof	Yes	-

## SIZE, FINISH AND COLOUR

Length m	Width m	Thickness mm	Weight kg	Colour
50	2	4	50	Brown

## HANDLING

Always use relevant safe manual handling techniques relevant to a products size and weight.

## MATERIAL

PP/PES/acrylic recycled fibres.

## PACKAGING

2m x 50m rolls, with 5 rolls per pallet. Delivery weight per pallet **~275 kg**.

## LIMITATIONS OF USE

For professional use only.

## DISPOSAL

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Disposal of **Pro-Living® Bio-Solar Protection fleece** should be done in a manner that is compliant with UK regulations and best practices. Dispose of contents/container to an approved waste disposal plant. This includes ensuring that the material is properly classified and described, that it is not mixed with hazardous waste, and that it is disposed of in a manner that is environmentally responsible. Packaging containing residues of the product must be disposed of similarly to the product.

## GUARANTEES

Defects arising from lack of maintenance or abnormal use may fall outside of the cover of the Proteus Waterproofing guarantee.

## MAINTENANCE

For information on maintaining our roofing systems please refer to our [Maintenance Guide](#).

### GUIDELINES AND STANDARDS

It is the responsibility of the Contractor to thoroughly familiarise themselves with all relevant Codes of Practice and Building Regulations to the works or referred in the specification.

Proteus Waterproofing take no responsibility for misinterpretation or lack of knowledge for third parties.

The works shall be carried out in accordance with the requirements of:

- **BS 6229** Flat roofs with continuously supported flexible waterproof coverings - Code of practice
- **BS 8217** Reinforced bitumen membranes for roofing - Code of practice
- **BS 8000-0** Workmanship on construction sites - Introduction and general principles
- **BS 8000-4** Workmanship on building sites - Code of practice for waterproofing
- **LRWA** [Design Guide for Specifiers](#)
- **S2T** [Safe to Torch](#)
- **GRO** [Code of Best Practice](#)