

## PRODUCT DATA SHEET

# SikaRoof® Protection Fleece P-225 UK

## POLYPROPYLENE PROTECTION FLEECE

## PRODUCT DESCRIPTION

SikaRoof® Protection Fleece P-225 UK protection fleece is a thick needle punched non-woven geotextile manufactured from 100% virgin polypropylene high tenacity fibres containing 1% active carbon black. Manufactured from a unique blend of high tenacity fibres providing class leading durability. Optimised for maximum strength, performance and UV stability.

## USES

Protection Fleece for use within a green roof build up

## CHARACTERISTICS / ADVANTAGES

- Resistant to chemicals
- Resistant to root penetration

## APPROVALS / STANDARDS

This product has been tested and conforms with BS EN ISO Standards

## PRODUCT INFORMATION

<b>Chemical Base</b>	<ul style="list-style-type: none"><li>▪ 100% virgin polypropylene</li><li>▪ 1% active carbon black</li></ul>
<b>Packaging</b>	1 x 50m Roll (50m <sup>2</sup> )
<b>Appearance / Colour</b>	Black
<b>Shelf Life</b>	Product does not expire if correctly stored
<b>Storage Conditions</b>	The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions.
<b>Thickness</b>	3.5mm @ 2kPa (EN ISO 9863-1)
<b>Unit weight</b>	14 Kg

Mass per unit area	225g/m <sup>2</sup>		
Resistance to Static Puncture	(CBR) (kN)	2.5	(EN ISO 12236)
Resistance to pyramid puncture	(mm)	10	(EN ISO 13433)
Tensile Strength	(MD/CMD) (kN/m)	15	(EN ISO 10319)
Elongation	(MD/CMD)	80%	(EN ISO 10319)
Corrosion resistance	Microbiological Resistance	No loss in strength	(EN ISO 12224)
	Resistance to Acids & Alkalis	No loss in strength	(EN ISO 14030)
	Oxidation at 122 days (110 years)	>90% retained strength	(EN ISO 13438)
Water permeability	(l/s/m <sup>2</sup> )	100	(EN ISO 11058)
Opening size	(µm)	150	(EN ISO 12956)

## VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

### REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

## APPLICATION

Installation works should be carried out by suitably trained contractors in strict accordance with the project specification. SikaRoof® Protection Fleece P-225 UK is loose laid onto the roof surface prior to the installation of the specified substrate.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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