

PRODUCT DATA SHEET

SikaRoof® Geo Drainage Layer UK

Geocomposite drainage and protection layer

PRODUCT DESCRIPTION

The SikaRoof® Geo Drainage Layer UK is designed for water management in extensive green roof systems. Manufactured using recycled polymers. It has two functional zones, the first is optimised to retain water for slow release back into the soil while the lower aids in draining any excess.

USES

Suitable for use in Green Roof Systems

CHARACTERISTICS / ADVANTAGES

- Functions in Green Roof Systems
- No requirement for a protection layer
- Manufactured using recycled polymers

APPROVALS / STANDARDS

Tested in accordance with BS EN ISO 9001

PRODUCT INFORMATION

Chemical Base	Polyester	
Packaging	1 x 35m Roll	
Shelf Life	Unlimited shelf life when stored as per instructions	
Storage Conditions	All materials to be stored in accordance with good health and safety practice and in accordance with local laws	
Thickness	25mm ($\pm 10\%$)	BS EN 823 (plate)
Unit weight	800g/m ² ($\pm 10\%$) 16800g/m ² ($\pm 10\%$) - Saturated	

TECHNICAL INFORMATION

Resistance to Static Puncture	1.5kN (-20%)	EN ISO 112236	
Resistance to Dynamic Puncture	0.0mm (max)	EN ISO 13433	
Tensile Strength	MD Tensile	12.0 kN/m (min)	EN ISO 10319
	CD Tensile	12.0 kN/m (min)	EN ISO 10319
Elongation	MD Elongation	30% (nominal)	EN ISO 10319
	CD Elongation	30% (nominal)	EN ISO 10319
Water Absorption	16.0 Litres/m ² (± 5%)		

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).

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.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited



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