

PRODUCT DATA SHEET

SikaRoof® Substrate Intensive UK

Substrate for use within an intensive green roof

PRODUCT DESCRIPTION

SikaRoof® Substrate Intensive UK is used as a vegetation base layer for multi layer intensive green roofs, on roof areas with low load capacity, structurally stabilised and suitable for a wide range of plants.

USES

For use as a substrate in an intensive green roof build up

CHARACTERISTICS / ADVANTAGES

- Tested and Certified to BS 8616:2019 Specification for performance parameters and test methods for green roof substrates. Fulfils the requirements of DCLG, GRO and FLL Green Roofing Guidance.

PRODUCT INFORMATION

Chemical Base	Expanded shale, expanded clay, lava, pumice, crushed brick, Porlith and green waste compost. (Composition varies depending on the region of installation)	
Packaging	<ul style="list-style-type: none"> ▪ Bulk Bags ▪ 25 litre Sack ▪ Open/Silo Trucks 	
Shelf Life	6 weeks	
Storage Conditions	SikaRoof® Substrate Intensive UK is a perishable product and must be installed within 6 weeks to ensure optimum condition to support the establishment of the specified living element.	
Mass per unit area	Dry weight	830 - 1000 kg/m ³
	Saturated weight	1300 - 1560 kg/m ³
	*Weights vary depending on substrate mix and project location. Actual weights to be confirmed at specification confirmation.	
pH-Value	6.0 - 8.5	

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.

FURTHER DOCUMENTS

Salt content	≤ 2.5 g/l
Water permeability	≥ 0.3 mm/min
Compaction factor	1.2
Organic substances	< 90 g/l (3.7%)

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 INSTRUCTIONS

Installation works should be carried out by suitably trained contractors in strict accordance with the project specification.

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



Product Data Sheet
SikaRoof® Substrate Intensive UK
February 2025, Version 03.01
020945051350000017

SikaRoofSubstrateIntensiveUK-en-GB-(02-2025)-3-1.pdf