

PRODUCT DATA SHEET

SikaRoof® Substrate Bio-diverse UK

Growing medium made from 100% recycled material

PRODUCT DESCRIPTION

SikaRoof® Substrate Bio-diverse UK is a free draining, low nutrient and moisture retentive growing medium made from 100% recycled material in line with the UK Green Roof Code of best practice.

USES

For use as a substrate in a biodiverse green roof build up

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none"> 1.25m³ Bulk Bag 25 litre Sack 						
Shelf Life	Product does not expire if correctly stored						
Storage Conditions	All materials to be stored in accordance with good health and safety practice and in accordance with local laws.						
Mass per unit area	<table border="1"> <tr> <td>Bulk Density when oven dried</td> <td>0.87 g cm⁻³ (870 kg/m³)</td> </tr> <tr> <td>Bulk Density at field capacity</td> <td>1.17 g cm⁻³ (1170 kg/m³)</td> </tr> <tr> <td>Calculated Bulk Density at Saturation</td> <td>1.40 g cm⁻³ (1400 kg/m³)</td> </tr> </table>	Bulk Density when oven dried	0.87 g cm ⁻³ (870 kg/m ³)	Bulk Density at field capacity	1.17 g cm ⁻³ (1170 kg/m ³)	Calculated Bulk Density at Saturation	1.40 g cm ⁻³ (1400 kg/m ³)
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CHARACTERISTICS / ADVANTAGES

- Free draining
- Allows root penetration
- 100% recycled content

APPROVALS / STANDARDS

- Testing conforms within the BS8616:2019 green roof substrate testing methods
- Green waste PAS100 certified

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

Field capacity (% v/v)	30.6 % v/v
Total porosity (%)	53.50%
Porosity at field capacity (%)	23.00%
Organic matter (% weight)	2.50%
pH	8
Electrical Conductivity (mS cm ⁻¹)	2.37 mS cm ⁻¹
Phosphate (mg l ⁻¹)	228 mg l ⁻¹
Potassium (mg l ⁻¹)	675 mg l ⁻¹
Total nitrogen (%)	0.02%

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

APPLICATION

A recommended substrate depth of 80-150mm should be installed subject to plant requirements.

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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