

PRODUCT DATA SHEET

SikaRoof® Substrate Intensive UK

A nutrient-balanced and moisture retentive growing medium

PRODUCT DESCRIPTION

SikaRoof® Substrate Intensive UK is a blend of soil, compost, lightweight aggregate and crushed brick, suitable for use on Intensive Green Roofs and Podium Systems.

USES

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

CHARACTERISTICS / ADVANTAGES

- Free draining
- Allows root penetration

APPROVALS / STANDARDS

- Testing conforms within the BS8616:2019 green roof substrate testing methods
- Organic material PAS100 certified

PRODUCT INFORMATION

| | | | | | | | |
|---------------------------------------|--|------------------------------|--|--------------------------------|---|---------------------------------------|---|
| Packaging | <ul style="list-style-type: none"> ▪ 1m³ 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>1.26 g cm⁻³ (1260 kg/m³)</td> </tr> <tr> <td>Calculated Bulk Density at Saturation</td> <td>1.46 g cm⁻³ (1460 kg/m³)</td> </tr> </table> | Bulk Density when oven dried | 0.87 g cm ⁻³ (870 kg/m ³) | Bulk Density at field capacity | 1.26 g cm ⁻³ (1260 kg/m ³) | Calculated Bulk Density at Saturation | 1.46 g cm ⁻³ (1460 kg/m ³) |
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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

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|--|--------------------------|
| Field capacity (% v/v) | 38.9 % v/v |
| Total porosity (%) | 58.80% |
| Porosity at field capacity (%) | 19.90% |
| Organic matter (% weight) | 7.30% |
| pH | 7.1 |
| Electrical Conductivity (mS cm ⁻¹) | 2.39 mS cm ⁻¹ |
| phosphate (mg l ⁻¹) | 133 mg l ⁻¹ |
| Potassium (mg l ⁻¹) | 560 mg l ⁻¹ |
| Total nitrogen (%) | 0.03% |

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

A recommended minimum substrate depth of 200mm± 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.

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