

## PRODUCT DATA SHEET

# SikaRoof® Drainage Layer 40 UK

### PERFORATED 40mm DRAINAGE BOARD

#### PRODUCT DESCRIPTION

SikaRoof® Drainage Layer 40 UK is a water-retention and drainage sheet for use with green roofs. The studied HDPE sheets contains perforations to drain surplus water and high capacity dimples (height c.40mm) for water retention.

#### USES

Suitable for use on:-

- Extensive & Intensive Green Roof Systems
- Podium Roof Systems
- Inverted Roof Systems

#### CHARACTERISTICS / ADVANTAGES

- Provides drainage and water storage
- Butted together and can be overlapped to interlock
- Resistant to chemicals
- Resistant to root penetrations
- Low weight
- Lightweight super structure with high drainage capacity

#### APPROVALS / STANDARDS

Tested in accordance with DIN 4095 (Drainage)

Tested in accordance with EN ISO 25619-2 (Compressive strength)

Tested in accordance with EN ISO 11925-2 (Flammability)

#### PRODUCT INFORMATION

<b>Chemical Base</b>	100% Recycled High Density Polyethylene	
<b>Packaging</b>	1 x 2m Board	
<b>Shelf Life</b>	Product does not expire if correctly stored	
<b>Storage Conditions</b>	All materials to be stored in accordance with good health and safety practice and in accordance with local laws.	
<b>Appearance / Colour</b>	Black/Grey	
<b>Height</b>	40mm	
<b>Weight</b>	4.6kg	
<b>Compression resistance</b>	144 kN/m <sup>2</sup> (with 8.4% compression) - Unfilled 280 kN/m <sup>2</sup> (with 10% compression and 20mm overfilling) - Filled	
<b>Water Absorption</b>	Water Reservoir (Unfilled)	8.7 Litre/m <sup>2</sup>
	Filling Volume	16 Litre/m <sup>2</sup>

## 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 INSTRUCTIONS

### APPLICATION

Installation works should be carried out by suitably trained contractors in strict accordance with the project specification. SikaRoof® Drainage Layer 40 UK is loose laid and can be butted together or overlapped to interlock.

## 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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