

## PRODUCT DATA SHEET

# SikaRoof® HD Attenuation Layer 85 UK

### HD Attenuation Layer

#### PRODUCT DESCRIPTION

SikaRoof® HD Attenuation Layer 85 UK is an attenuation layer made of recycled PP material. The product has high temporary retention volume when used in combination with a Flow Control System for specific regulation of water discharge.

#### USES

- For the construction of water retention roofs.
- Suitable for use under extensive and intensive greening and traffic areas

#### CHARACTERISTICS / ADVANTAGES

- For temporary storage of rainwater with regulated water discharge through a Flow Control System
- With Capillary Bridges to transport stored rainwater from the drainage level into the substrate layer and to increase evaporation (accessories)
- High compressive strength
- With freely flowable structure for quick distribution of rainwater within the retention room
- Suitable for inverted roofs

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Recycled PP		
<b>Packaging</b>	Pre-assembled large format elements consisting of 4 individual elements including Capillary Bridges and 8 Connectors. Up to 48 individual elements on one disposable pallet.		
<b>Colour</b>	Black		
<b>Shelf Life</b>	2 Years		
<b>Storage Conditions</b>	Products should be stored away from UV in dry conditions and protected from extremes of temperature.		
<b>Dimensions</b>	2.38 x 1.18 m		
<b>Thickness</b>	Approximately 85mm		
<b>Weight</b>	Approximately 5.7kg/m <sup>2</sup>		
<b>Water flow capacity</b>	i = 0.00 (= 0% roof pitch)	2.80 l/(m*s)	(DIN EN ISO 12958)
	i = 0.01 (= 1% roof pitch)	6.07 l/(m*s)	
	i = 0.02 (= 2% roof pitch)	8.63 l/(m*s)	
	i = 0.03 (= 3% roof pitch)	10.30 l/(m*s)	
<b>Water retention</b>	Approximately 80 litres/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

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

## 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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