

PRODUCT DATA SHEET

SikaRoof® Drainage Composite 5006H

Prefabricated drainage composite

SIKA NZ
APPROVED
CONTRACTOR
ONLY

DESCRIPTION

SikaRoof® Drainage Composite 5006H is a high quality, prefabricated drainage composite designed to protect the waterproofing membrane and provide continuous free flow of water in horizontal applications such as green roofs, plaza decks and planters.

USES

To create an open flow path to evacuate water from the system. Areas of application include green roofs, plaza/podium decks and planters.

CHARACTERISTICS / ADVANTAGES

- Excellent resistance to biological and chemical degradation.
- Ideal for soil environments.
- Compatible with electronic leak detection systems.

PRODUCT INFORMATION

Chemical Base	Recycled polypropylene drainage core of fused, entangled filaments and a geometric fabric bonded to both sides. Entangled filaments are moulded into an open square waffle pattern.		
Packaging	2.0m x 50.0m roll		
Shelf Life	N/A		
Storage Conditions	Rolls must be stored horizontally on a dry, clean and even surface. Do not stack more than two rolls high. Installed composite must be covered within two weeks.		
Appearance / Colour	Top and bottom filter cloths: Grey Central filament core: Black		
Unit weight	2 m x 50 m Roll	per m²	(EN ISO 9864)
	62 kg	620 g	
Water flow capacity	Hydraulic gradient	Load kPa	Flow capacity (EN ISO 12958)
	i=1.0	20	2.70x10 ⁻³ m ² /s
		50	2.40x10 ⁻³ m ² /s
		100	2.30x10 ⁻³ m ² /s
		200	1.40x10 ⁻³ m ² /s

Hydraulic gradient	Load kPa	Flow capacity	(EN ISO 12958)
i=0.1	20	0.70x10 ⁻³ m ² /s	
	50	0.65x10 ⁻³ m ² /s	
	100	0.60x10 ⁻³ m ² /s	
	200	0.24x10 ⁻³ m ² /s	
Hydraulic gradient	Load kPa	Flow capacity	(EN ISO 12958)
i=0.03	20	0.24x10 ⁻³ m ² /s	
	50	0.35x10 ⁻³ m ² /s	
	100	0.24x10 ⁻³ m ² /s	
	200	0.11x10 ⁻³ m ² /s	

BASIS OF PRODUCT DATA

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.

LIMITATIONS

Note that where SikaRoof® Drainage Composite 5006H will be subjected to construction-related mechanical loading/exposure, it is recommended that synthetic turf mats are laid over the SikaRoof® Drainage Composite 5006H to protect it. SikaRoof® Drainage Composite 5006H is not designed for permanent exposure, and must always be covered within two weeks of placement.

ECOLOGY HEALTH AND SAFETY

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 this 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

SikaRoof® Drainage Composite 5006H is installed by approved and trained Sarnafil applicators only. The drainage composite is loosely laid over the completed waterproofing system. Rolls can be cut with scissors or a sharp knife.

APPLICATION

The roll includes a 100mm overlap of fleece; adjacent rolls are butted together, one facing up and the other facing down. This ensures there is a 100mm overlap on both sides of the butted joint. The cores of each roll must not be overlapped. Rolls may be laid parallel

or perpendicular to the water flow direction, except when applied under concrete slabs below grade, where the rolls must only be installed perpendicular to water outlets.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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