



EN 13249 EN 13254
EN 13250 EN 13255
EN 13251 EN 13256
EN 13252 EN 13257
EN 13253 EN 13265

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DECLARATION OF PERFORMANCE SikaRoof® W Felt-500 PPF

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1. Product Type:

Unique identification code of the product-type:

SikaRoof®

2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

W Felt-500 PPF (lot nr. see packaging)

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Non-woven, white needle-punched polypropylene based geotextile, based on 100% virgin high tenacity polypropylene (PP) according to EN 13249:2016, EN 13250:2016, EN 13251:2016, EN 13252:2016, EN 13253:2016, EN 13254:2016, EN 13255:2016, EN 13256:2016, EN 13257:2016, EN 13265:2016

**Geotextile used as filtration separation for the roads, railways, foundations, walls, erosion control roads.
Geotextile used as filtration separation and drainage in drainage systems.
Geotextile used as filtration and protection in liquid waste containment projects.
Geotextile used as filtration separation and protection for the construction of roads, other trafficked roads in reservoirs and dams, canals and underground structures, solid waste disposals.
Geotextile used as protection for tunnels.**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

SikaRoof®

Sika Hellas ABEE
15 Protomagias Str.
GR 145 68 Kryoneri
Athens, Greece

5. Contact Address:

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not relevant (see 4)

Declaration of Performance

6. AVCP

System 2+

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

7. Notified body:

In case of the declaration of performance concerning a construction product covered by a harmonised standard:

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Notified factory production control certification body No. 1213 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control (FPC) 7051.

8. Notified body:

In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not relevant (see 7)

9. Declared performance

Essential characteristics	Performance	Test Standard	Harmonized Technical Specification
Tensile Strength, transversal	38,0 kN/m (- 4,5)	EN ISO 10319	EN 13249:2016 EN 13250:2016 EN 13251:2016 EN 13252:2016 EN 13253:2016 EN 13254:2016 EN 13255:2016 EN 13256:2016 EN 13257:2016 EN 13265:2016
Tensile Strength, longitudinal	36,0 kN/m (- 4,2)	EN ISO 10319	
Elongation at break, transversal	90% (±18%)	EN ISO 10319	
Elongation at break, longitudinal	90% (±18%)	EN ISO 10319	
Static Puncture (CBR test)	6400 N (-10 %)	EN ISO 12236	
Dynamic perforation (cone drop test)	5,0 mm (- 2,0mm)	EN ISO 13433	
Pyramid puncture	520N (-50N)	EN 14574	
Characteristic opening size	70 µm (±20)	EN ISO 12956	
Water permeability normal to the plane	33 l(s m ²) (-11)	EN ISO 11058	
Water flow in the plane (20 kPa, i=1)	10,0 * 10 ⁻⁶ m ² /s (-4,0 * 10 ⁻⁶)	EN ISO 12958	
Weathering resistance	To be covered within 1 month after installation	EN 12224	
Oxidation resistance	Durable in natural soil with 4<pH<9 and soil temperature <25 °C for a minimum of 100 year service life	EN ISO 13438	
Dangerous substances	Less than required by national regulations in EU Member states		

10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:


 Stamatis Antonakos
 TM Manager Waterproofing & Roofing


 Spyros Hatzifotis
 Managing Director

Athens, 10 October 2019

Ecology, Health and Safety Information

This product is an article within the meaning of Article 3.3 of Regulation (EC) No. 1907/2006. A safety data sheet following EC- Regulation 1907/2006, article 31 is not needed to bring the product to the market to transport or use it. The product does not damage the environment when used as specified.

REACH

European Community Regulation on chemicals and their safe use (REACH: EC 1907/2006)

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 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).

Legal note:

This information is 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.

For Further Information:
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