



EN 13361

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## DECLARATION OF PERFORMANCE Sikaplan® WP 5160 – 12H

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### 1. Product Type:

Unique identification code of the product-type:

Sikaplan® WP 5160

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

WP 5160 - 12H (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:

Homogeneous sheet waterproofing membrane, based on polyvinylchloride (PVC-P) according to EN 13361

Waterproofing of pools, ponds and artificial lakes

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

Sikaplan®

Sika Supply Center AG  
Industriestrasse 26  
6060 Sarnen  
Switzerland

### 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)

### 6. AVCP:

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

System 2+

### 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. 1349 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) 027.

Declaration of Performance



**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	Harmonised technical specification
Tensile Strength machine direction	20.0 (± 5.0) N / mm <sup>2</sup>	ISO R 527 – 1/3/5	EN 13361: 2004
Tensile Strength cross direction	20.0 (± 5.0) N / mm <sup>2</sup>	ISO R 527 – 1/3/5	
Resistance to static puncture	1.70 (± 0.15) kN	EN ISO 12236	
Liquid tightness	< 10 <sup>-7</sup> m <sup>3</sup> x m <sup>-2</sup> x d <sup>-1</sup>	EN 14150:2001	
Durability weathering	Remaining tensile strength and elongation: ≥ 75 %	EN 12224 (350 MJ/m <sup>2</sup> ) ISO 527-3/5/100	
Durability oxidation	Change of tensile strength and elongation: ≤ 25 %	EN 14575 (90d / 85°C); ISO 527-3/5	
Durability environmental stress cracking	Not suitable for geosynthetic barriers on base of PVC – p	ASTM D 5397-99 (EN 14576)	



## 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:



Hans-Jörg Stich  
Corporate Product Engineer



Marcel Langenegger  
CMFM Waterproofing

Sarnen, 13 February 2013

## 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).

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### 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.

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