

# Sikaplan® WP 1100-20 HL

## DECLARATION OF PERFORMANCE

### No. 90483565

1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	90483565
2	<b>INTENDED USE/S</b>	EN 13491:2004/A1:2006 Polymeric geosynthetic barrier for use as a fluid barrier in the construction of tunnels and underground structures
3	<b>MANUFACTURER:</b>	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	<b>AUTHORISED REPRESENTATIVE:</b>	
5	<b>SYSTEM/S OF AVCP:</b>	System 2+
6a	<b>HARMONISED STANDARD:</b>	EN 13491:2004/A1:2006
	Notified body/ies:	1213

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**7 DECLARED PERFORMANCE/S**

Essential Characteristics	Performance	AVCP	Harmonized Technical Specification
Tensile strength, machine direction	17.0 (±2.0) N/mm <sup>2</sup>	System 2+	EN 13491:2004/ A1:2006
Tensile strength, cross machine direction	16.0 (±2.0) N/mm <sup>2</sup>	System 2+	
Resistance to static puncture	2.35 (±0.25) kN	System 2+	
Water permeability (liquid tightness)	< 10 <sup>-7</sup> m <sup>3</sup> x m <sup>-2</sup> x d <sup>-1</sup>	System 2+	
Durability weathering	NPD	System 2+	
Durability oxidation	Change of tensile strength and elongation: ≤ 10%	System 2+	
Durability environmental stress cracking	NPD	System 2+	
Dangerous substances	NPD	System 2+	

**8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR - SPECIFIC TECHNICAL DOCUMENTATION**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name: Stamatis Antonakos  
 Function: TMM Waterproofing & Roofing  
 At Athens on 26 November 2018

Name: Spyros Hatzifotis  
 Function: Managing Director  
 At Athens on 26 November 2018

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End of information as required by Regulation (EU) No 305/2011



## RELATED DECLARATION OF PERFORMANCE

Product Name	Harmonized technical specification	DoP Number
Sikaplan® WP 1100-20 HL	EN 13967:2012	73505664

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Sika Services AG, Zurich, Switzerland	
DoP No. 90483565	
EN 13491:2004/A1:2006	
Notified Body 1213	
Polymeric geosynthetic barrier for use as a fluid barrier in the construction of tunnels and underground structures	
Tensile strength, machine direction	17.0 (±2.0) N/mm <sup>2</sup>
Tensile strength, cross machine direction	16.0 (±2.0) N/mm <sup>2</sup>
Resistance to static puncture	2.35 (±0.25) kN
Water permeability (liquid tightness)	< 10 <sup>-7</sup> m <sup>3</sup> x m <sup>-2</sup> x d <sup>-1</sup>
Durability oxidation	Change of tensile strength and elongation: ≤ 10%
<a href="http://dop.sika.com">http://dop.sika.com</a>	

### ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH) 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 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

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 Sikas 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 products 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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14568 Kryoneri  
Attica - Greece  
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