

Sikaplan® WP 1100-20 HL

DECLARATION OF PERFORMANCE

No. 90483565

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

7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Tensile strength:			
Machine direction	17 N/mm ² ± 2 N/mm ²	System 2+	
Cross direction	16 N/mm ² ± 2 N/mm ²		
Resistance to static puncture	2,35 kN ± 0,25 kN	System 2+	
Water permeability (liquid tightness)	< 10 ⁻⁶ m ³ x m ⁻² x d ⁻¹	System 2+	
Durability weathering	NPD	System 2+	EN
Durability oxidation	Change of tensile strength and elongation: < 10 %	System 2+	13491:2004/A 1:2006
Durability environmental stress cracking	NPD	System 2+	
Dangerous substances	NPD	System 2+	

8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR - SPECIFIC TECHNICAL DOCUMENTATION

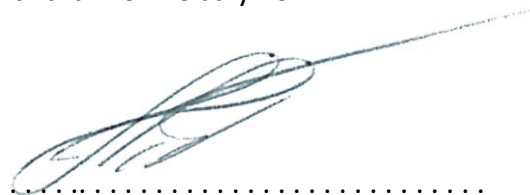
The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name: Anders Beier
Function: General Manager
At Farum on 19 July 2021




Name: Henrik Trangbæk
Function: Head Concrete & Waterproofing
At Farum on 19 July 2021



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

RELATED DECLARATION OF PERFORMANCE

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

 04	
Sika Services AG, Zurich, Switzerland	
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 N/mm ² ± 2 N/mm ²
Cross direction	16 N/mm ² ± 2 N/mm ²
Resistance to static puncture	2,35 kN ± 0,25 kN
Water permeability (liquid tightness)	< 10 ⁻⁶ m ³ x m ⁻² x d ⁻¹
Durability oxidation	Change of tensile strength and elongation: < 10 %
http://dop.sika.com	

ECOLOGY, HEALTH AND SAFETY INFORMATION (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).

LEGAL NOTE

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product have been given in good faith based on our own experiences and based of approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is effected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

Declaration of Performance

Sikaplan® WP 1100-20 HL
90483565
2020.10 , ver. 1
1003

Template for translation. Only for
internal use

Sika Danmark A/S
Hirsemarken 5
DK-3520 Farum
Denmark
www.sika.dk

Declaration of Performance
Sikaplan® WP 1100-20 HL
90483565
2020.10 , ver. 1
1003

4/4

Template for translation. Only for
internal use

BUILDING TRUST

