

Sikafloor®-310 PurCem

DECLARATION OF PERFORMANCE

No. 93865949

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	93865949
2	INTENDED USE/S	EN 1504-2:2004 Surface protection products – Coating Ingress protection (1.3) Moisture control (2.2) Physical resistance (5.1) Chemical resistance (6.1) Increasing resistivity (8.2)
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich Switzerland
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 2+ (for uses in buildings and civil engineering works) System 3 (for uses subject to reaction to fire regulations)
6a	HARMONISED STANDARD:	EN 1504-2:2004
	Notified body/ies:	0921

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7 DECLARED PERFORMANCE/S Tested system: Sikafloor®-310 PurCem on 2x Sikafloor®-210 PurCem. 2nd layer broadcasted with quartz sand 0,3 - 0,8 mm

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Linear shrinkage:	NPD	System 2+	EN 1504-2:2004
Compressive strength:	NPD	System 2+	
Coefficient of thermal expansion:	NPD	System 2+	
Abrasion resistance (Taber test) ¹⁾ :	weight loss < 3000 mg	System 2+	
Cross cut:	NPD	System 2+	
Permeability to CO ₂ :	NPD	System 2+	
Water vapor permeability:	Class II	System 2+	
Capillary absorption and permeability to water:	w<0,1 kg/(m ² x h ^{0,5})	System 2+	
Thermal compatibility:	NPD	System 2+	
Resistance to thermal shock	NPD	System 2+	
Chemical resistance:	NPD	System 2+	
Resistance to severe chemical attack ²⁾ :	Class II	System 2+	
Crack bridging ability:	NPD	System 2+	
Impact resistance:	Class I ⁴⁾	System 2+	
Adhesion strength by pull off test:	≥ 2,0 (1,5) ³⁾ N/mm ²	System 2+	
Reaction to fire:	E _{fl}	System 3	
Skid resistance:	NPD	System 2+	
Artificial weathering:	NPD	System 2+	
Antistatic behavior:	NPD	System 2+	
Adhesion to wet concrete:	NPD	System 2+	
Dangerous substances:	NPD	System 2+	

¹⁾ Additionally the requirements according to EN 13813 have to be fulfilled

²⁾ Please refer to the Sikafloor Chemical Resistance Chart

³⁾ The value in brackets is the lowest accepted value of any reading.

⁴⁾ Test conducted without broadcasting of 2nd layer

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**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 12 November 2019



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Name : Lasse Jakobsen
Function: Senior Technical Manager
At Farum on 12 November 2019



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

RELATED DECLARATION OF PERFORMANCE

Product name	Harmonised standard	DoP number
Sikafloor®-310 PurCem	EN 13813:2002	54692630

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EN 1504-2:2004

DoP No. 93865949

Sika Services AG, Zürich, Switzerland

Notified Body 0921

Surface protection products – Coating: Ingress protection (1.3)
Moisture control (2.2) Physical resistance (5.1) Chemical resistance (6.1) Increasing resistivity (8.2)

Abrasion resistance (Taber test) ¹⁾ :	weight loss < 3000 mg
Water vapor permeability:	Class II
Capillary absorption and permeability to water:	$w < 0,1 \text{ kg}/(\text{m}^2 \times \text{h}^{0,5})$
Resistance to severe chemical attack ²⁾ :	Class II
Impact resistance:	Class I ⁴⁾
Adhesion strength by pull off test:	$\geq 2,0 (1,5)^3 \text{ N}/\text{mm}^2$
Reaction to fire:	E _{fl}

<http://dop.sika.com>

ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

LEGAL NOTE

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or endusers 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 affected 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.

FOR FURTHER INFORMATION:

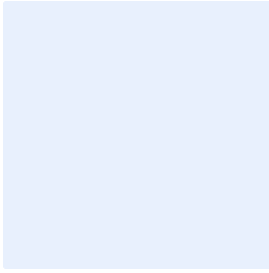
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BUILDING TRUST

