

# Sikafloor®-310 PurCem

## DECLARATION OF PERFORMANCE

### No. 93865949

1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	93865949
2	<b>INTENDED USE/S</b>	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	<b>MANUFACTURER:</b>	Sika Services AG Tüffenwies 16-22 8064 Zürich Switzerland
4	<b>AUTHORISED REPRESENTATIVE:</b>	
5	<b>SYSTEM/S OF AVCP:</b>	System 2+ (for uses in buildings and civil engineering works)  System 3 (for uses subject to reaction to fire regulations)
6a	<b>HARMONIZED STANDARD:</b>	EN 1504-2:2004
	Notified body/ies:	0921

#### Declaration of Performance

Sikafloor®-310 PurCem

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**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	Harmonized 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) <sup>1)</sup> :	weight loss <3000 mg	System 2+	
Cross cut:	NPD	System 2+	
Permeability to CO <sub>2</sub> :	NPD	System 2+	
Water vapor permeability:	Class II	System 2+	
Capillary absorption and permeability to water:	w<0,1 kg/(m <sup>2</sup> x h <sup>0,5</sup> )	System 2+	
Thermal compatibility:	NPD	System 2+	
Resistance to thermal shock	NPD	System 2+	
Chemical resistance:	NPD	System 2+	
Resistance to severe chemical attack <sup>2)</sup> :	Class II	System 2+	
Crack bridging ability:	NPD	System 2+	
Impact resistance:	Class I <sup>4)</sup>	System 2+	
Adhesion strength by pull off test:	≥ 2,0 (1,5) <sup>3)</sup> N/mm <sup>2</sup>	System 2+	
Reaction to fire:	E <sub>fl</sub>	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+	

<sup>1)</sup> Additionally the requirements according to EN 13813 have to be fulfilled

<sup>2)</sup> Please refer to the Sikafloor Chemical Resistance Chart

<sup>3)</sup> The value in brackets is the lowest accepted value of any reading.

<sup>4)</sup> Test conducted without broadcasting of 2nd layer

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

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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:

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Name: Kostas Mourikis  
Function: TMM Flooring  
At Athens on 23 March 2020



Name: Alexandros Melissourgos  
Function: Technical Manager  
At Athens on 23 March 2020



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

## RELATED DECLARATION OF PERFORMANCE

Product name	Harmonized 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 (Tabertest) <sup>1)</sup> :	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 <sup>2)</sup> :	Class II
Impact resistance:	Class I <sup>4)</sup>
Adhesion strength by pull off test:	$\geq 2,0 (1,5)^3 \text{ N}/\text{mm}^2$
Reaction to fire:	E <sub>fl</sub>

<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

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 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 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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