

# Sikafloor<sup>®</sup>-81 EpoCem

## DECLARATION OF PERFORMANCE

### No. 38003587

1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	38003587
2	<b>INTENDED USE/S:</b>	Product for Structural and non-structural repair for concrete Applying mortar by hand (3.1) Recasting with concrete (3.2) Spraying concrete or mortar (3.3) Increasing cover to reinforcement with additional cementitious mortar or concrete (7.1) Replacing contaminated concrete (7.2)
3	<b>MANUFACTURER:</b>	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	<b>AUTHORISED REPRESENTATIVE:</b>	
5	<b>SYSTEM/S OF AVCP:</b>	EN 1504-3: System 2+ (for uses in buildings and civil engineering works)  EN 1504-3: System 3 (for uses subject to reaction to fire regulations)
6a	<b>HARMONIZED STANDARD:</b>	EN 1504-3:2005
	Notified body/ies:	1139 0767

#### Declaration of Performance

Sikafloor<sup>®</sup>-81 EpoCem  
38003587  
11.03.2020, Version 4  
1029

**7 DECLARED PERFORMANCE/S:** Tested system: Sikafloor® EpoCem® Modul as primer and 1 x Sikafloor®-81 EpoCem®

Essential Characteristics	Performance	AVCP	Harmonized Technical Specification
Compressive strength:	Class R4	System 2+	EN 1504-3:2005
Chloride ion content:	≤ 0,05%	System 2+	
Adhesive bond:	≥ 2,0 MPa	System 2+	
Restrained Shrinkage / Expansion:	≥ 2,0 MPa	System 2+	
Carbonation Resistance:	dk ≤ control concrete (MC(0.45))	System 2+	
Elastic modulus:	NPD	System 2+	
Thermal Compatibility freeze-thaw:	NPD	System 2+	
Skid resistance:	Class III	System 2+	
Coefficient of thermal expansion:	15,2 μm/m °C	System 2+	
Capillary Absorption:	≤ 0,5 kg x m <sup>-2</sup> x h <sup>-0,5</sup>	System 2+	
Reaction to fire <sup>4)</sup> :	A2	System 3	
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: Kostas Mourikis  
Function: TMM Flooring  
At Athens on 23 March 2020

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




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

**RELATED DECLARATION OF PERFORMANCE**

Product name	Harmonized standard	DoP number
Sikafloor®-81 EpoCem®	EN 13813:2002	46320716
Sikafloor®-81 EpoCem®	EN 1504-2:2004	60460760

**Declaration of Performance**

Sikafloor®-81 EpoCem  
38003587  
11.03.2020, Version 1.4  
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DoP No. 38003587

Sika Services AG, Zurich, Switzerland

EN 1504-3:2005

Notified Body 1139, 0767

Product for Structural and non-structural repair for concrete - Applying mortar by hand (3.1), Recasting with concrete (3.2), Spraying concrete or mortar (3.3), Increasing cover to reinforcement with additional cementitious mortar or concrete (7.1), Replacing contaminated concrete (7.2)

Compressive strength:	Class R4
Chloride ion content:	$\leq 0,05\%$
Adhesive bond:	$\geq 2,0$ MPa
Restrained Shrinkage / Expansion:	$\geq 2,0$ MPa
Carbonation Resistance:	$dk \leq$ control concrete (MC(0,45))
Skip resistance:	Class III
Coefficient of thermal expansion:	$15,2 \mu\text{m}/\text{m}^\circ\text{C}$
Capillary Absorption:	$\leq 0,5 \text{ kg x m-2x h-0,5}$
Reaction to fire:	A2

<http://dop.sika.com>

#### Declaration of Performance

Sika floor®-81 EpoCem  
38003587  
11.03.2020, Version 1 4  
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## 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.

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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 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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[www.sika.gr](http://www.sika.gr)

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