BUILDING TRUST

Sikafloor®-81 EpoCem®

DECLARATION OF PERFORMANCE
No. 38003587

1	**UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:**	38003587
2	**INTENDED USE/S:**	Structural and non-structural repair products 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 and structural strengthening (7.1) Replacing contaminated concrete (7.2)
3	**MANUFACTURER:**	Sika Services AG Tüffenwies 16-22 8064 Zürich Switzerland
4	**AUTHORISED REPRESENTATIVE:**	
5	**SYSTEM/S OF AVCP:**	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	**HARMONISED STANDARD:**	EN 1504-3:2005
	Notified body/ies:	1139 0767

7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised 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	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/(m² x $h^{0,5}$)	System 2+	
Reaction to fire	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 : Tomasz Gutowski
Function: Corporate Standardization and Approvals
At Warsaw on 13 March 2020

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Name : Tatiana Ageyeva
Function: Standardization and Approvals
At Warsaw on 13 March 2020

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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®-81 EpoCem	EN 13813:2002	46320716
Sikafloor®-81 EpoCem	EN 1504-2:2004	60460760

CE

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EN 1504-3:2005

38003587

Sika Services AG, Zürich, Switzerland

Notified Body 1139, 0767

Structural and non-structural repair products 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 and structural strengthening (7.1), Replacing contaminated concrete (7.2)

Compressive strength	Class R4
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Capillary absorption	≤ 0.5 kg/(m² x $h^{0,5}$)
Reaction to fire	A2

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 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.

FOR FURTHER INFORMATION:

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