

Sikacrete-101 Standard CZ

DECLARATION OF PERFORMANCE

No. 87397375

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT- TYPE:	87397375
2	INTENDED USE/S	EN 1504-3:2005 Structural repair products for concrete for application in buildings and civil engineering work
3	MANUFACTURER:	Sika Services AG Tüffenwies 16 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	Not applicable
5	SYSTEM/S OF AVCP:	System 2+ for type testing System 4 for reaction to fire
6a	HARMONISED STANDARD:	EN 1504-3:2005
	Notified body/ies:	1020

7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Compression strength	≥ 45 MPa, class R4	System 2+	EN 1504-3:2005
Chloride ion content	≤ 0.05 %	System 2+	
Adhesive bond	≥ 2.0 MPa	System 2+	
Carbonation resistance	Pass	System 2+	
Elastic modulus	≥ 20 GPa	System 2+	
Restrained shrinkage / expansion	≥ 2.0 MPa		
Skid resistance	NPD	System 2+	
Coefficient of thermal expansion	NPD	System 2+	
Capillary absorption	$\leq 0.5 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0.5}$	System 2+	
Reaction to fire	Class A1	System 4	
Release of 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: Ing. Jaroslav Leischner
Position: Product documentation specialist



Brno, 15.10.2024

Name: Ing. Martin Polák
Position: General Manager SIKa CZ, s.r.o.



Brno, 15.10.2024

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

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87397375
2024.10 , ver. 1
1708



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Sika Services AG, Tüffenwies 16, Zurich, Switzerland

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Restrained shrinkage / expansion	≥ 2.0 MPa
Capillary absorption	≤ 0.5 kg.m ⁻² .h ^{-0.5}
Reaction to fire	Class A1

EN 1504-3:2005

1020

Structural repair products for concrete for application in buildings and civil engineering work

<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.

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