

Sikalastic 1k

DECLARATION OF PERFORMANCE No. 52055438

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	52055438
2	INTENDED USE/S	EN 1504-2:2004 Surface protection product - coating: Ingress protection (1.3) Moisture control (2.2) Increasing resistivity (8.2)
3	MANUFACTURER:	Sika Limited Watchmead Welwyn Garden City Hertfordshire AL7 1BQ United Kingdom
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 2+
6a	HARMONISED STANDARD:	EN 1504-2:2004
	Notified body/ies:	1029

7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Linear shrinkage	NPD	System 2+	
Coefficient of thermal expansion	NPD	System 2+	
Cross cut	NPD	System 2+	
Abrasion resistance	NPD	System 2+	
Cross cut	NPD	System 2+	
Permeability to CO ₂	SD > 50 m	System 2+	
Water vapor permeability	Class I, SD < 5 m	System 2+	
Capillary absorption and permeability to water	$w < 0.1 \text{ kg/m}^2 \times h_{0,5}$	System 2+	
Thermal compatibility: Freeze-thaw cycling with de-icing salt immersion	$\geq 1.0 \text{ N/mm}^2$	System 2+	EN 1504-2:2004
Resistance to thermal shock	NPD	System 2+	
Chemical resistance	NPD	System 2+	
Crack bridging ability	Class A3	System 2+	
Adhesion strength by pull off test	$\geq 1.0 \text{ N/mm}^2$	System 2+	
Skid resistance	NPD	System 2+	
Artificial weathering	Pass	System 2+	
Antistatic behaviour	NPD	System 2+	
Adhesion on wet concrete	NPD	System 2+	
Dangerous substances	NPD	System 2+	

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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 : S. Armfield
Function: Product Manager

Name : Martin Liska
Function: R&D Manager

At Sika Ltd on 01 January 2021

At Sika Ltd on 01 January 2021



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

RELATED DECLARATION OF PERFORMANCE

Product Name	Harmonised technical specification	DoP Number
Sikalastic 1k	EN 14891:20012 / AC:2012	58435686

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Sika Limited, Hertfordshire, United Kingdom

DoP No. 52055438

EN 1504-2:2004

Notified Body 1029

Surface protection product - coating:
Ingress protection (1.3)
Moisture control (2.2)
Increasing resistivity (8.2)

Permeability to CO ₂	SD > 50 m
Water vapor permeability	Class I, SD < 5 m
Capillary absorption and permeability to water	w < 0.1 kg/m ² × h ^{0,5}
Thermal compatibility: Freeze-thaw cycling with de-icing salt immersion	≥ 1.0 N/mm ²
Crack bridging ability	Class A3
Adhesion strength by pull off test	≥ 1.0 N/mm ²
Artificial weathering	Pass

<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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Sika Ltd
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