

# Sikagard<sup>®</sup>-5500

## Declaration of Performance No 86196463

1	<b>Unique identification code of the product-type:</b>	86196463
2	<b>Intended use/es:</b>	For uses in buildings and civil engineering works: moisture control (2.2), increasing resistivity (8.2) — Surface protection products — coating For uses in buildings and civil engineering works: ingress protection (1.3) — Surface protection products — coating For uses subject to reaction to fire regulations — Surface protection products — coating
3	<b>Manufacturer:</b>	Sika Services AG Tüffenwies 16 8064 Zürich Switzerland
5	<b>System/s of AVCP:</b>	System 2+ (For uses in buildings and civil engineering works: moisture control (2.2), increasing resistivity (8.2)) System 2+ (For uses in buildings and civil engineering works: ingress protection (1.3)) System 3 (For uses subject to reaction to fire regulations)
6a	<b>Harmonised standard:</b>	EN 1504-2:2004
	Notified body/ies:	0370, 2204

### Declaration of Performance

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**7 Declared performance/s:**

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Linear shrinkage	NPD	System 2+	EN 1504-2:2004
Coefficient of thermal expansion	NPD	System 2+	
Cross cut	NPD	System 2+	
Permeability to CO <sub>2</sub>	$s_p > 50$ m	System 2+	
Water vapour permeability	Class I: $S_p < 5$ m	System 2+	
Capillary absorption and permeability to water	$w < 0.1 \text{ kg}\cdot\text{m}^{-2}\cdot\text{h}^{-0.5}$	System 2+	
Thermal compatibility	$\geq 0.8 (0.5) \text{ N/mm}^2$	System 2+	
Resistance to thermal shock	NPD	System 2+	
Chemical resistance	NPD	System 2+	
Crack bridging ability	A 5 (-20 °C); B 2 (-20 °C); B 3.1 (-20 °C); B 4.1 (-20 °C)	System 2+	
Adhesion strength by pull off test	$\geq 0.8 (0.5) \text{ N/mm}^2$	System 2+	
Reaction to fire	Class B-s1, d0	System 3	
Skid resistance	NPD	System 2+	
Artificial weathering	No visual defects	System 2+	
Antistatic behaviour	NPD	System 2+	
Adhesion on wet concrete	NPD	System 2+	
Dangerous substances	NPD	System 2+	

The Product is tested as part of a system build-up that includes the following products: Sikagard®-552 W Aquaprimer, Sikagard®-5500.

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 : Anders Beier  
Function: General Manager  
Farum 27 October 2023

Name : Lasse Jakobsen  
Function: Senior Technical Manager  
Farum 27 October 2023




End of information as required by Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC Text with EEA relevance

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Sika Services AG, Zürich, Switzerland

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Permeability to CO <sub>2</sub>	$s_D > 50 \text{ m}$
Water vapour permeability	Class I: $S_D < 5 \text{ m}$
Capillary absorption and permeability to water	$w < 0.1 \text{ kg}\cdot\text{m}^{-2}\cdot\text{h}^{-0.5}$
Thermal compatibility	$\geq 0.8 (0.5) \text{ N/mm}^2$
Crack bridging ability	A 5 (–20 °C); B 2 (–20 °C); B 3.1 (–20 °C); B 4.1 (–20 °C)
Adhesion strength by pull off test	$\geq 0.8 (0.5) \text{ N/mm}^2$
Reaction to fire	Class B-s1, d0
EN 1504-2:2004	
0370, 2204	
For uses in buildings and civil engineering works: moisture control (2.2), increasing resistivity (8.2) — Surface protection products — coating For uses in buildings and civil engineering works: ingress protection (1.3) — Surface protection products — coating For uses subject to reaction to fire regulations — Surface protection products — coating	

<http://dop.sika.com>

#### ECOLOGY, HEALTH AND SAFETY (REACH)

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

#### LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product have been given in good faith based on our own experiences and based of approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is effected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

Sika Danmark A/S  
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DK-3520 Farum  
Denmark  
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