

SikaEmaco® S 5440 RS

DECLARATION OF PERFORMANCE

No. DE0272/04

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT- TYPE:	DE0272/04
2	INTENDED USE/S	Cement based mortar (CC) for structural repair of concrete structures, Methods 3.1/3.2/4.4/7.1/7.2
3	MANUFACTURER:	Sika Services AG Tüffenwies 16 8064 Zürich
4	SYSTEM/S OF AVCP:	System 2+, System 4 (Reaction to fire)
5a	HARMONISED STANDARD:	EN 1504-3:2005
Notified body/ies:		0921

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6 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Reaction to fire	Class A1	System 4	EN 1504-3:2005
Compressive strength	Class R4	System 2+	
Chloride ion content	≤ 0,05 %	System 2+	
Adhesive bond	≥ 2,0 MPa	System 2+	
Restrained shrinkage/expansion	NPD	System 2+	
Carbonation resistance	Pass	System 2+	
Elastic modulus	≥ 20 GPa	System 2+	
Thermal compatibility, Part 1: Freeze-thaw	≥ 2,0 MPa	System 2+	
Skid resistance	NPD	System 2+	
Coefficient of thermal expansion	NPD	System 2+	
Capillary absorption	≤ 0,5 kg/m ² vh	System 2+	
Dangerous substances	NPD	System 2+	

7 SPECIFIC TECHNICAL DOCUMENTATION

SA-107/24

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 At
Farum on August 1st 2025



Name: Lasse Jacobsen
Function: Technical manager At
Farum on August 1st 2025



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, Zurich, Switzerland

DoP No. DE0272/04

EN 1504-3:2005

Notified Body 0921

Cement based mortar (CC) for structural repair of concrete structures, Methods 3.1/3.2/4.4/7.1/7.2

Reaction to fire	Class A1
Compressive strength	Class R4
Chloride ion content	$\leq 0,05 \%$
Adhesive bond	$\geq 2,0 \text{ MPa}$
Carbonation resistance	Pass
Elastic modulus	$\geq 20 \text{ GPa}$
Thermal compatibility, Part 1: Freeze-thaw	$\geq 2,0 \text{ MPa}$
Capillary absorption	$\leq 0,5 \text{ kg/m}^2\text{vh}$

<http://dop.sika.com>

ECOLOGY, HEALTH AND SAFETY INFORMATION (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 NOTE

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or endusers 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 affected 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.

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