
PCI Nanocret R4 SM

DECLARATION OF PERFORMANCE

No. 24160440

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	24160440
2	INTENDED USE/S	Renovation repair mortar for concrete and reinforced concrete structures; Methods 3.1/3.2/3.3/4.4/7.1/7.2
3	MANUFACTURER:	Sika Services AG Tüffenwies 16 8064 Zürich
4	SYSTEM/S OF AVCP:	System 2+
5a	HARMONISED STANDARD:	1504-3:2005
	Notified body/ies:	1020

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6 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Reaction to fire	Class A1	System 4	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 ·h ^{0,5})	System 2+	
Dangerous substances	Comply with 5.4 EN 1504-3	System 2+	

7 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
Function: QMS+EHS Manager
At Brno on 20 February 2024



Name: Ing. Andrej Šišolák
Function: General Manager Sika CZ, s.r.o.
At Brno on 20 February 2024



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. 72890543

1504-3:2005

Notified Body 1020

Renovation repair mortar for concrete and reinforced concrete structures; Methods 3.1/3.2/3.3/4.4/7.1/7.2

Reaction to fire	Class A1
Compressive strength	Class R4
Chloride ion content	≤ 0,05 %
Adhesive bond	≥ 2,0 MPa
Carbonation resistance	Pass
Elastic modulus	≥ 20 GPa
Thermal compatibility, Part 1: Freeze-thaw	≥ 2,0 MPa
Capillary absorption	≤ 0,5 kg/(m ² ·h ^{0,5})
Dangerous substances	Comply with 5.4 EN 1504-3

<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 provided in this Declaration of Performance ("DoP"), including any descriptions and recommendations relating to the application and end-use of any Sika products ("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. Please note that the materials, substrates and actual site conditions may vary considerably, and therefore Sika makes no warranty for merchantability or fitness for a particular purpose, and accepts no liability for the application and use of the Products, for any recommendations, or for any advice offered. Prior to using, the Product must be tested for its suitability for the intended application and purpose, and the most recent version of the Product Data Sheet must be consulted. Sika reserves the right to change the properties of its Products any time without prior notice. Any orders for Products or services provided by Sika are subject to Sika's current terms and conditions of sale.

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