

# Sika<sup>®</sup> Concrete Crack Repair

## DECLARATION OF PERFORMANCE

### No. 41294394

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT- TYPE:	41294394
2	INTENDED USE/S	EN 1504-4:2004 Structural bonding products for plate reinforcement for use in buildings and civil engineering works
3	MANUFACTURER:	Sika Services AG Tüffenwies 16 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	2+, 3 (reaction to fire)
6a	HARMONISED STANDARD:	EN 1504-4:2004
	Notified body/ies:	0921, 0767

#### Declaration of Performance

Sika<sup>®</sup> Concrete Crack Repair

41294394

2022/10, ver. 01

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## 7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Bond/adhesion strength (concrete failure)	$\geq 14 \text{ N/mm}^2$	2+	EN 1504-4: 2004
Shear strength	$\geq 12 \text{ N/mm}^2$	2+	
Compressive strength	$\geq 30 \text{ N/mm}^2$	2+	
Shrinkage/expansion	$\leq 0.1 \%$	2+	
Workability	90 mins at +23 °C	2+	
Modulus of elasticity	$\geq 2000 \text{ N/mm}^2$	2+	
Coefficient of thermal expansion	$\leq 100 \times 10^{-6}$ per K	2+	
Glass transition temperature	$\geq 40 \text{ °C}$	2+	
Reaction to fire	Class E	3	
Durability	Pass	2+	
Dangerous substances	NPD		

## 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 : Paul Thomas  
Function: Technical Product  
Coordinator  
At Leeds on 12 October 2022

Name : Mariam Maqsood  
Function: Product Manager  
At Leeds on 12 October 2022



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

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Sika Services AG, Zurich, Switzerland

DoP No. 41294394

EN 1504-4: 2004

Notified Body(ies): 0921, 0767

Structural bonding products for plate reinforcement for use in buildings and civil engineering works

Bond/adhesion strength (concrete failure)	≥14 N/mm <sup>2</sup>
Shear strength	≥12 N/mm <sup>2</sup>
Compressive strength	≥30 N/mm <sup>2</sup>
Shrinkage/expansion	≤0.1 %
Workability	90 mins at +23 °C
Modulus of elasticity	≥2000 N/mm <sup>2</sup>
Coefficient of thermal expansion	≤100 x 10 <sup>-6</sup> per K
Glass transition temperature	≥ 40 °C
Reaction to fire	Class E
Durability	Pass
Dangerous substances	NPD

[www.everbuild.co.uk](http://www.everbuild.co.uk)

## 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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