

# Sikadur<sup>®</sup>-53

## DECLARATION OF PERFORMANCE

### No. 13243744

1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	13243744
2	<b>INTENDED USE/S</b>	EN 1504-5:2004 Concrete injection for force transmitting filling of cracks (F) intended for use in buildings and civil engineering works. U(F1)W(5)(1/2/3)(8/30)(0) Principle 1, method 1.5, Principle 4, methods 4.5 & 4.6 of EN 1504-9:2008
3	<b>MANUFACTURER:</b>	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	<b>AUTHORISED REPRESENTATIVE:</b>	
5	<b>SYSTEM/S OF AVCP:</b>	System 2+
6a	<b>HARMONISED STANDARD:</b>	EN 1504-5:2004
	Notified body/ies:	0921

#### Declaration of Performance

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2019.08 , ver. 1  
1001

**7 DECLARED PERFORMANCE/S**

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Adhesion by tensile bond strength	≥ 2.00 N/mm <sup>2</sup>	System 2+	EN 1504-5:2004
Adhesion by slant shear strength	NPD		
Volumetric shrinkage	< 3 %	System 2+	
Glass transition temperature	> 45 °C	System 2+	
Workability:			
Injectability into dry medium	Crack width ≥ 0.5 mm	System 2+	
Injectability into non-dry medium	Crack width ≥ 0.5 mm		
Durability:			
Adhesion by tensile bond strength after thermal and wet-dry cycles	≥ 2.00 N/mm <sup>2</sup>	System 2+	
Corrosion behavior	Deemed to have no corrosive effect	System 2+	
Release of 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: Nikos Anagnostopoulos  
 Function: TMM Refurbishment  
 At Athens on 23 April 2020

Name: Alexandros Melissourgos  
 Function: Technical Manager  
 At Athens on 23 April 2020




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


**Declaration of Performance**

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## RELATED DECLARATION OF PERFORMANCE

Product Name	Harmonised technical specification	DoP Number
Sikadur®-53	EN 1504-5:2004	13243744
Sikadur®-53	EN 1504-6:2006	45024721

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Sika Services AG, Zurich, Switzerland	
13243744	
EN 1504-5:2004	
Notified Body 0921	
Concrete injection for force transmitting filling of cracks (F) intended for use in buildings and civil engineering works. U(F1)W(5)(1/2/3)(8/30)(0), Principles 1 (method 1.5) & 4 (methods 4.5 & 4.6) of EN 1504-9:2008	
Adhesion by tensile bond strength	≥ 2.00 N/mm <sup>2</sup>
Volumetric shrinkage	< 3 %
Glass transition temperature	> 45 °C
Workability:	
Injectability into dry medium	Crack width ≥ 0.5 mm
Injectability into non-dry medium	Crack width ≥ 0.5 mm
Durability:	
Adhesion by tensile bond strength after thermal and wet-dry cycles	≥ 2.00 N/mm <sup>2</sup>
Corrosion behavior	Deemed to have no corrosive effect
<a href="http://dop.sika.com">http://dop.sika.com</a>	

## 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 Sikas 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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