
Sikadur[®]-53

DECLARATION OF PERFORMANCE

No. 57874842

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	57874842
2	INTENDED USE/S	EN 1504-4:2004 Structural bonding products for bonded mortar or concrete for use in buildings and civil engineering works Principle 4, method 4.4 of EN 1504-9:2008
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 2+ for type testing System 3 for reaction to fire
6a	HARMONISED STANDARD:	EN 1504-4:2004
	Notified body/ies:	0921, 0767

Declaration of Performance

Sikadur[®]-53
57874842
2018.10 , ver. 2
1001

7 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonized Technical Specification
Bond/adhesion strength	Pass	System 2+	EN 1504-4:2004
Shear strength	≥ 6 N/mm ²	System 2+	
Compressive strength	≥ 30 N/mm ²	System 2+	
Shrinkage/expansion	≤ 0.1 %	System 2+	
Workability	64 min at 23 °C	System 2+	
Sensitivity to water	NPD		
Modulus of elasticity	≥ 2000 N/mm ²	System 2+	
Coefficient of thermal expansion	≤ 100 × 10 ⁻⁶ per K	System 2+	
Glass transition temperature	≥ 40 °C	System 2+	
Reaction to fire	Class E	System 3	
Durability	Pass	System 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: 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

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

Declaration of Performance

Sikadur®-53
57874842
2018.10 , ver. 2
1001



11

Sika Services AG, Zurich, Switzerland

DoP No. 57874842

EN 1504-4:2004

Notified Body 0921, 0767

Structural bonding products for bonded mortar or concrete for use in buildings and civil engineering work
Principle 4 (method 4.4) of EN 1504-9:2008

Bond/adhesion strength	Pass
Shear strength	$\geq 6 \text{ N/mm}^2$
Compressive strength	$\geq 30 \text{ N/mm}^2$
Shrinkage/expansion	$\leq 0.1 \%$
Workability	64 min at 23 °C
Modulus of elasticity	$\geq 2000 \text{ N/mm}^2$
Coefficient of thermal expansion	$\leq 100 \times 10^{-6}$ per K
Glass transition temperature	$\geq 40 \text{ °C}$
Reaction to fire	Class E
Durability	Pass

<http://dop.sika.com>

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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