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# Sikadur<sup>®</sup>-31 DW

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## DECLARATION OF PERFORMANCE

### No. 21869012

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1	<b>UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:</b>	21869012
2	<b>INTENDED USE/S</b>	EN 1504-4:2004 Structural bonding products for bonded mortar or concrete for use in buildings and civil engineering works
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+ for type testing System 3 for reaction to fire
6a	<b>HARMONISED STANDARD:</b>	EN 1504-4:2004
	Notified body/ies:	0921, 0767

#### Declaration of Performance

Sikadur<sup>®</sup>-31 DW  
21869012  
2018.04 , ver. 2  
1001

**7 DECLARED PERFORMANCE/S**

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Bond/adhesion strength (concrete failure)	Pass	System 2+	EN 1504-4:2004
Shear adhesion	≥ 6 N/mm <sup>2</sup>	System 2+	
Compressive strength	≥ 30 N/mm <sup>2</sup>	System 2+	
Shrinkage/expansion	≤ 0.1 %	System 2+	
Workability	100 min at 23 °C	System 2+	
Sensitivity to water	Pass	System 2+	
Modulus of elasticity	≥ 2000 N/mm <sup>2</sup>	System 2+	
Coefficient of thermal expansion	≤ 100 × 10 <sup>-6</sup> 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 : Anders Beier  
Function: General Manager  
At Farum on 28 April 2020

Name : Jens Berger  
Function: Head Flooring and Refurbishment  
At Farum on 28 April 2020



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

**RELATED DECLARATION OF PERFORMANCE**

Product Name	Harmonised technical specification	DoP Number
Sikadur®-31 DW	EN 1504-4:2004	0204020300100000381001

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Sika Services AG, Zurich, Switzerland

DoP No. 21869012

EN 1504-4:2004

Notified Body 0921, 0767

Structural bonding products for bonded mortar or concrete for use in buildings and civil engineering works

Bond/adhesion strength (concrete failure)	Pass
Shear adhesion	$\geq 6 \text{ N/mm}^2$
Compressive strength	$\geq 30 \text{ N/mm}^2$
Shrinkage/expansion	$\leq 0.1 \%$
Workability	100 min at 23 °C
Sensitivity to water	Pass
Modulus of elasticity	$\geq 2000 \text{ N/mm}^2$
Coefficient of thermal expansion	$\leq 100 \times 10^{-6} \text{ per K}$
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

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 on 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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**Sika Danmark A/S**  
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3520 Farum  
Danmark  
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**BUILDING TRUST**

