

Sikadur[®]-31+

DECLARATION OF PERFORMANCE

No. 96198030

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	96198030
2	INTENDED USE/S	EN 1504-4:2004 Structural bonding products for bonded plate reinforcement and bonded mortar or concrete for use in buildings and civil engineering works
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:	0099, 0370

7 DECLARED PERFORMANCE/S

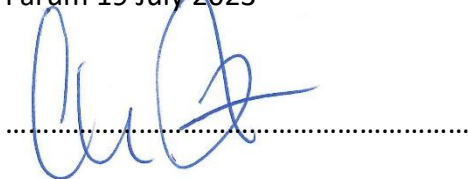
Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Bond/adhesion strength (concrete failure) – EN 12188	Pull off strength: ≥ 14 N/mm ² Slant shear strength at degree: 50° $\sigma_0 \geq 50$ N/mm ² 60° $\sigma_0 \geq 60$ N/mm ² 70° $\sigma_0 \geq 70$ N/mm ²	System 2+	EN 1504-4:2004
Bond/adhesion strength (concrete failure) – EN 12636	Pass	System 2+	
Shear adhesion	≥ 12 N/mm ²	System 2+	
Compressive strength	≥ 30 N/mm ²	System 2+	
Shrinkage/expansion	≤ 0.1 %	System 2+	
Workability	≥ 45 min	System 2+	
Sensitivity to water	Pass	System 2+	
Modulus of elasticity	NPD	System 2+	
Coefficient of thermal expansion	$\leq 100 \times 10^{-6}$ per K	System 2+	
Glass transition temperature	≥ 40 °C	System 2+	
Reaction to fire	C-s1, d0 / B _{FL} -s1	System 3	
Durability	Pass	System 2+	
Dangerous substances	NPD	System 2+	

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
Farum 19 July 2023



Name : Lasse Jakobsen
Function: Senior Technical Manager
Farum 19 July 2023



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



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Sika Services AG, Zurich, Switzerland

96198030

EN 1504-4:2004

Notified Body 0099, 0370

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

	Pull off strength: $\geq 14 \text{ N/mm}^2$
	Slant shear strength at degree:
Bond/adhesion strength (concrete failure)	50° $\sigma_0 \geq 50 \text{ N/mm}^2$
	60° $\sigma_0 \geq 60 \text{ N/mm}^2$
	70° $\sigma_0 \geq 70 \text{ N/mm}^2$
Shear adhesion	$\geq 12 \text{ N/mm}^2$
Compressive strength	$\geq 30 \text{ N/mm}^2$
Shrinkage/expansion	$\leq 0.1 \%$
Workability	$\geq 45 \text{ min}$
Coefficient of thermal expansion	$\leq 100 \times 10^{-6} \text{ per K}$
Glass transition temperature	$\geq 40 \text{ }^\circ\text{C}$
Reaction to fire	C-s1, d0 / B _{FL} -s1

<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 end-users 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 effected 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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2021.09 , ver. 1
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Template for translation. Only for
internal use

Sika Danmark A/S
Hirsemarken 5
DK-3520 Farum
Denmark
www.sika.dk

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4/4

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BUILDING TRUST

