

Sikadur® SAT 4500

DECLARATION OF PERFORMANCE No. DE0293/02

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	DE0293/02
2	INTENDED USE/S	Structural bonding product for bonded plate reinforcement, Principle 4.3
3	MANUFACTURER:	Sika Services AG Tüffenwies 16 8064 Zürich
4	SYSTEM/S OF AVCP:	System 2+, System 3 (Reaction to fire)
5a	HARMONISED STANDARD:	EN 1504-4:2004
	Notified body/ies:	0921, 0370

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6 DECLARED PERFORMANCE/S

Essential Characteristics	Performance	AVCP	Harmonised Technical Specification
Reaction to fire	Class Efl	System 3	EN 1504-4:2004
Bond/ adhesion strength	Pull off strength $\geq 14 \text{ N/mm}^2$, Slant shear strength at $50^\circ \geq 50 \text{ N/mm}^2$, $60^\circ \geq 60 \text{ N/mm}^2$, $70^\circ \geq 70 \text{ N/mm}^2$	System 2+	
Shear strength	$\geq 12 \text{ N/mm}^2$	System 2+	
Shrinkage/ expansion	$\leq 0,1 \%$	System 2+	
Workability	70 minutes at $22 \text{ }^\circ\text{C}$	System 2+	
Modulus of elasticity	$\geq 2000 \text{ N/mm}^2$	System 2+	
Coefficient of thermal expansion	$\leq 100 \times 10^{-6}/\text{K}$	System 2+	
Glass transition temperature	$\geq 40 \text{ }^\circ\text{C}$	System 2+	
Durability	Pass	System 2+	
Dangerous substances	NPD	System 2+	

7 SPECIFIC TECHNICAL DOCUMENTATION

SA-107/24

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:

Jürgen Baumann
Head of Material testing and Analytics
Augsburg on 27 March 2024

Volker Schwarz
Head of Material Testing
Augsburg on 27 March 2024




End of information as required by Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC Text with EEA relevance

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Sika Services AG, Zurich, Switzerland

DoP No. DE0293/02

EN 1504-4:2004

Notified Body 0921, 0370

Structural bonding product for bonded plate reinforcement, Principle 4.3

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Glass transition temperature	$\geq 40^\circ \text{C}$
Durability	Pass

<http://dop.sika.com>

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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Sika Services AG
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8064 Zürich
Switzerland
www.sika.com

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