

Declaration of Performance for the construction product

StoPox SK 41

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| Unique identification code of the product-type | PROD0196 StoPox SK 41 |
| Intended use/es | Adhesive for construction purposes for reinforcement with affixed reinforcement plates |
| Manufacturer | Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen |
| System/s of AVCP | System 2+ (for uses in buildings and civil engineering works) System 3 (for uses subject to reaction to fire regulations) |
| Harmonised standard | EN 1504-4:2004 |
| Notified body/ies | NB 0921 (system 2+) NB 0767 (system 3) |
| European Assessment Document | Not relevant |
| European Technical Assessment | Not relevant |
| Technical Assessment Body | Not relevant |
| Appropriate Technical Documentation and/or Specific Technical Documentation | Not relevant |

Declared performance/s

| Essential characteristics | Performance | Harmonised technical specification |
|----------------------------------|--|------------------------------------|
| Reaction to fire | E | system 3 / EN 1504-4:2004 |
| Durability | pass | system 2+ / EN 1504-4:2004 |
| Shear strength | $\geq 12 \text{ N/mm}^2$ | system 2+ / EN 1504-4:2004 |
| Release of dangerous substances | NPD | system 2+ / EN 1504-4:2004 |
| Glass transition temperature | $\geq 40 \text{ }^\circ\text{C}$ | system 2+ / EN 1504-4:2004 |
| Shrinking, expansion | $\leq 0.1 \%$ | system 2+ / EN 1504-4:2004 |
| Coefficient of thermal expansion | $\leq 100 \times 10^{-6}$ per K | system 2+ / EN 1504-4:2004 |
| Bond/adhesion strength | Pull off strength $\geq 14 \text{ N/mm}^2$ Slant shear strength at: 50° $\geq 50 \text{ N/mm}^2$ 60° $\geq 60 \text{ N/mm}^2$ 70° $\geq 70 \text{ N/mm}^2$ | system 2+ / EN 1504-4:2004 |
| Workability | 30 min at 23 °C | system 2+ / EN 1504-4:2004 |
| Modulus of elasticity | $\geq 2\,000 \text{ N/mm}^2$ | system 2+ / EN 1504-4:2004 |

NPD = no performance determined

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:

Ppa Francisco Ramos / Head of Business Fields Facade and Interiors

This copy was created by machine and is valid without signature.

06.04.2023

Sto SE & Co. KGaA D-79780 Stühlingen

The current valid version of the declaration of performance is available at www.sto.com/ce.



Sto SE & Co. KGaA
Ehrenbachstraße 1
D-79780 Stühlingen

0103-4000-1

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NB 0921 (system 2+)
NB 0767 (system 3)

PROD0196 StoPox SK 41
EN 1504-4:2004

Adhesive for construction purposes for reinforcement with affixed reinforcement plates

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|----------------------------------|--|
| Reaction to fire | E |
| Durability | pass |
| Shear strength | ≥ 12 N/mm ² |
| Release of dangerous substances | NPD |
| Glass transition temperature | ≥40 °C |
| Shrinking, expansion | ≤ 0.1 % |
| Coefficient of thermal expansion | ≤100 x 10 ⁻⁶ per K |
| Bond/adhesion strength | Pull off strength ≥14 N/mm ² Slant shear strength at: 50° ≥50 N/mm ² 60° ≥60 N/mm ² 70° ≥70 N/mm ² |
| Workability | 30 min at 23 °C |
| Modulus of elasticity | ≥ 2 000 N/mm ² |