

Declaration of Performance for the construction product

StoPox KSH thix

Unique identification code of the product-type	PROD0193 StoPox KSH thix
Intended use/es	Product for protecting reinforcement from corrosion concrete repair product for structurally relevant repair Hand-applied mortar (3.1) Recasting with concrete or mortar (3.2) Adding mortar or concrete (4.4) reinforcement coating according to the barrier principle (11.2)
Manufacturer	Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen
System/s of AVCP	System 2+ (for uses in buildings and civil engineering works)
Harmonised standard	EN 1504-3 EN 1504-7:2006
Notified body/ies	NB 0921 (system 2+) NB 0672 (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	the product is used in combination with StoPox Mörtel standfest	
Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B-s1, d0 (tested in combination with StoPox Mörtel standfest)	system 3 / EN 1504-3:2005
Dangerous substances	NPD	system 2+ / EN 1504-3
Chloride ion content	≤ 0.05 %	system 2+ / EN 1504-3
Release of dangerous substances	NPD	system 2+ / EN 1504-7:2006
Glass transition temperature	pass	system 2+ / EN 1504-7:2006
Slip resistance	NPD	system 2+ / EN 1504-3
Carbonation resistance	NPD	system 2+ / EN 1504-3
Protection against corrosion	pass	system 2+ / EN 1504-7:2006
Shear adhesion	pass	system 2+ / EN 1504-7:2006
Coefficient of thermal expansion	NPD	system 2+ / EN 1504-3
Restrained shrinking/swelling (dimensional stability)	≥ 1.5 MPa	system 2+ / EN 1504-3
Adhesive bond	≥ 1,5 MPa	system 2+ / EN 1504-3
Capillary absorption	NPD	system 2+ / EN 1504-3
Thermal compatibility - Part 1: Freeze-thaw cycling	NPD	system 2+ / EN 1504-3
Thermal compatibility - Part 2: Thunder-shower cycling	NPD	system 2+ / EN 1504-3
Thermal compatibility - Part 4: Dry thermal cycling	NPD	system 2+ / EN 1504-3
Modulus of elasticity	≥ 15 GPa	system 2+ / EN 1504-3

Compressive strength	class R3	system 2+/ EN 1504-3
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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:

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

10.07.2025

Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen

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



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

0103-2046-2

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NB 0921 (system 2+)
NB 0672 (system 3)

PROD0193 StoPox KSH thix
EN 1504-3
EN 1504-7:2006

Product for protecting reinforcement from corrosion
concrete repair product for structurally relevant repair
Hand-applied mortar (3.1)
Recasting with concrete or mortar (3.2)
Adding mortar or concrete (4.4)
reinforcement coating according to the barrier principle (11.2)

Reaction to fire	B-s1, d0 (tested in combination with StoPox Mörtel standfest)
Dangerous substances	NPD
Chloride ion content	≤ 0.05 %
Release of dangerous substances	NPD
Glass transition temperature	pass
Slip resistance	NPD
Carbonation resistance	NPD
Protection against corrosion	pass
Shear adhesion	pass
Coefficient of thermal expansion	NPD
Restrained shrinking/swelling (dimensional stability)	≥ 1.5 MPa
Adhesive bond	≥ 1,5 MPa
Capillary absorption	NPD
Thermal compatibility - Part 1: Freeze-thaw cycling	NPD
Thermal compatibility - Part 2: Thunder-shower cycling	NPD
Thermal compatibility - Part 4: Dry thermal cycling	NPD
Modulus of elasticity	≥ 15 GPa

Compressive strength	class R3
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