

Declaration of Performance for the construction product

StoCrete SM

Unique identification code of the product-type	PROD0642 StoCrete SM
Intended use/es	concrete repair product for non-structurally relevant repair Hand-applied mortar (3.1) Increasing cover to reinforcement with additional mortar or concrete (7.1) Replacing contaminated or carbonated concrete (7.2)
Manufacturer	Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen
System/s of AVCP	System 2+ (for uses in buildings and civil engineering works) System 3 (for uses subject to reaction to fire regulations)
Harmonised standard	EN 1504-3:2005
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 1504-3:2005
Dangerous substances	NPD	system 2+ / EN 1504-3
Chloride ion content	≤ 0.05 %	system 2+ / EN 1504-3
Slip resistance	NPD	system 2+ / EN 1504-3
Carbonation resistance	NPD	system 2+ / EN 1504-3
Restrained shrinking/swelling (dimensional stability)	≥ 0,8 MPa	system 2+ / EN 1504-3
Adhesive bond	≥ 0,8 MPa	system 2+ / EN 1504-3
Capillary absorption	$w \leq 0.5 \text{ kg}/(\text{m}^2 \cdot \text{h} \cdot 0.5)$	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	≥ 0.8 MPa	system 2+ / EN 1504-3
Thermal compatibility - Part 4: Dry thermal cycling	NPD	system 2+ / EN 1504-3
Compressive strength	Class R 2	system 2+ / EN 1504-3
Modulus of elasticity	NPD	system 2+ / EN 1504-3

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.

28.03.2023

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

03-2013-2

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

PROD0642 StoCrete SM
EN 1504-3:2005

concrete repair product for non-structurally relevant repair

Hand-applied mortar (3.1)

Increasing cover to reinforcement with additional mortar or concrete (7.1)

Replacing contaminated or carbonated concrete (7.2)

Reaction to fire	E
Dangerous substances	NPD
Chloride ion content	≤ 0.05 %
Slip resistance	NPD
Carbonation resistance	NPD
Restrained shrinking/swelling (dimensional stability)	≥ 0,8 MPa
Adhesive bond	≥ 0,8 MPa
Capillary absorption	$w \leq 0.5 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$
Thermal compatibility - Part 1: Freeze-thaw cycling	NPD
Thermal compatibility - Part 2: Thunder-shower cycling	≥ 0.8 MPa
Thermal compatibility - Part 4: Dry thermal cycling	NPD
Compressive strength	Class R 2
Modulus of elasticity	NPD