

Declaration of Performance for the construction product StoCrete TV 308

Unique identification code of the product-type	PROD0854 StoCrete TV 308
Intended use/es	concrete repair product for structurally relevant repair Recasting with concrete or mortar (3.2) Adding mortar or concrete (4.4) Increasing cover to reinforcement with additional mortar or concrete (7.1) replacing contaminated 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	A1	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
Capillary water absorption and water permeability	$w \leq 0,5 \text{ kg} / (\text{m}^2 \cdot \text{h}^{0,5})$	system 2+ / EN 1504-3
Coefficient of thermal expansion	$10,1 \cdot 10^{-6} \text{K}^{-1}$	system 2+ / EN 1504-3
Restrained shrinking/swelling (dimensional stability)	≥ 2,0 MPa	system 2+ / EN 1504-3
Adhesive bond	≥ 2,0 MPa	system 2+ / EN 1504-3
Capillary absorption	$w \leq 0,5 \text{ kg} / (\text{m}^2 \cdot \text{h}^{0,5})$	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	≥ 2,0 MPa	system 2+ / EN 1504-3
Thermal compatibility - Part 4: Dry thermal cycling	≥ 2,0 MPa	system 2+ / EN 1504-3
Compressive strength	Class R 4	system 2+ / EN 1504-3
Modulus of elasticity	≥ 20 GPa	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:

Signature Francisco Ramos

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

22.04.2024

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

0103-2060-2

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

**PROD0854 StoCrete TV 308
EN 1504-3:2005**

concrete repair product for structurally relevant repair
Recasting with concrete or mortar (3.2)
Adding mortar or concrete (4.4)
Increasing cover to reinforcement with additional mortar or concrete (7.1)
replacing contaminated concrete (7.2)

Reaction to fire	A1
Dangerous substances	NPD
Chloride ion content	≤ 0.05 %
Slip resistance	NPD
Carbonation resistance	NPD
Capillary water absorption and water permeability	$w \leq 0,5 \text{ kg} / (\text{m}^2 \cdot \text{h}^{0,5})$
Coefficient of thermal expansion	$10.1 \cdot 10^{-6} \text{K}^{-1}$
Restrained shrinking/swelling (dimensional stability)	≥ 2,0 MPa
Adhesive bond	≥ 2,0 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	≥ 2.0 MPa
Thermal compatibility - Part 4: Dry thermal cycling	≥ 2.0 MPa
Compressive strength	Class R 4
Modulus of elasticity	≥ 20 GPa

