

Declaration of Performance for the construction product StoCrete TG 302

Unique identification code of the product-type	PROD5018 StoCrete TG 302
Intended use/es	concrete repair product for structurally relevant repair Hand-applied mortar (3.1) Adding mortar or concrete (4.4) 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
Notified body/ies	NB 0921 (system 2+) NB 0761 (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	A2 _{fl} - s1	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	pass	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	≥ 2.0 MPa	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

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

Declaration of Performance 0103-2067-1

In accordance with EU-CPR no. 305/2011

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.

10.03.2025

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
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0103-2067-1

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NB 0921 (system 2+)
NB 0761 (System 3)

PROD5018 StoCrete TG 302 EN 1504-3

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

Reaction to fire	A2 _{fl} - s1
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