

# Declaration of Performance for the construction product StoCrete TV 304

<b>Unique identification code of the product-type</b>	PROD0841 StoCrete TV 304
<b>Intended use/es</b>	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)
<b>Manufacturer</b>	Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen
<b>System/s of AVCP</b>	System 2+ (for uses in buildings and civil engineering works) System 3 (for uses subject to reaction to fire regulations)
<b>Harmonised standard</b>	EN 1504-3:2005
<b>Notified body/ies</b>	NB 0921 (system 2+) NB 0767 (system 3)
<b>European Assessment Document</b>	Not relevant
<b>European Technical Assessment</b>	Not relevant
<b>Technical Assessment Body</b>	Not relevant
<b>Appropriate Technical Documentation and/or Specific Technical Documentation</b>	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
Coefficient of thermal expansion	$10.6 \cdot 10^{-6} \text{K}^{-1}$	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*

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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](http://www.sto.com/ce).



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

0103-2059-2

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

**PROD0841 StoCrete TV 304  
EN 1504-3**

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
Coefficient of thermal expansion	$10.6 \cdot 10^{-6} \text{K}^{-1}$
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