

# Declaration of Performance for the construction product

## StoCrete TG 254

<b>Unique identification code of the product-type</b>	PROD0010 StoCrete TG 254
<b>Intended use/es</b>	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)
<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	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	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	$w \leq 0.5 \text{ kg}/(\text{m}^2 \cdot \text{h} \cdot 0.5)$	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*

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.

03.11.2022

Sto SE & Co. KGaA 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**  
Ehrenbachstraße 1  
D-79780 Stühlingen

0103-2025-1

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

**PROD0010 StoCrete TG 254**  
**EN 1504-3:2005**

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)

Reaction to fire	E
Dangerous substances	NPD
Chloride ion content	≤ 0.05 %
Slip resistance	NPD
Carbonation resistance	pass
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	≥ 2.0 MPa
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

