

# Declaration of Performance for the construction product

## StoCrete TG 154

<b>Unique identification code of the product-type</b>	PROD2004 StoCrete TG 154
<b>Intended use/es</b>	concrete repair product for structurally relevant repair Hand-applied mortar (3.1) 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 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 0767 (system 3) NB 0921 (system 2+)
<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 <sub>fi</sub>	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
Coefficient of thermal expansion	NPD	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	≥ 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.

**09.11.2022**

**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

**03-2039-2**

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

**PROD2004 StoCrete TG 154**  
**EN 1504-3:2005**

concrete repair product for structurally relevant repair

Hand-applied mortar (3.1)

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 or carbonated concrete (7.2)

Reaction to fire	E <sub>fl</sub>
Dangerous substances	NPD
Chloride ion content	≤ 0.05 %
Slip resistance	NPD
Carbonation resistance	pass
Coefficient of thermal expansion	NPD
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	≥ 2.0 MPa
Compressive strength	Class R 4
Modulus of elasticity	≥ 20 GPa