

# Declaration of Performance for the construction product

## StoCrete TS 136

<b>Unique identification code of the product-type</b>	PROD1661 StoCrete TS 136
<b>Intended use/es</b>	concrete repair product for structurally relevant repair Spraying concrete or mortar (3.3) 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 1378 (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	A2-s1, d0	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
Restrained shrinking/swelling (dimensional stability)	≥ 1.5 MPa	system 2+/ EN 1504-3
Adhesive bond	≥ 1,5 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		system 2+/ EN 1504-3
Thermal compatibility - Part 1: Freeze-thaw cycling	≥ 1.5 MPa	system 2+/ EN 1504-3
Thermal compatibility - Part 2: Thunder-shower cycling	≥ 1.5 MPa	system 2+/ EN 1504-3
Thermal compatibility - Part 4: Dry thermal cycling	≥ 1.5 MPa	system 2+/ EN 1504-3
Compressive strength	Class R 3	system 2+/ EN 1504-3
Modulus of elasticity	≥ 15 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

**0103-2053-2**

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**NB 0921 (system 2+)**  
**NB 1378 (system 3)**

**PROD1661 StoCrete TS 136**  
**EN 1504-3:2005**

concrete repair product for structurally relevant repair  
Spraying concrete or mortar (3.3)  
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-s1, d0
Dangerous substances	NPD
Chloride ion content	≤ 0.05 %
Slip resistance	NPD
Carbonation resistance	NPD
Restrained shrinking/swelling (dimensional stability)	≥ 1.5 MPa
Adhesive bond	≥ 1,5 MPa
Capillary absorption	$w \leq 0,5 \text{ kg} / (\text{m}^2 \cdot \text{h}^{0,5})$
Thermal compatibility - Part 1: Freeze-thaw cycling	≥ 1.5 MPa
Thermal compatibility - Part 2: Thunder-shower cycling	≥ 1.5 MPa
Thermal compatibility - Part 4: Dry thermal cycling	≥ 1.5 MPa
Compressive strength	Class R 3
Modulus of elasticity	≥ 15 GPa

