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

Declaration of Performance 0103-2017-2

In accordance with EU-CPR no. 305/2011

Declaration of Performance for the construction product StoCrete TF 204

Unique identification code of the product-type	PROD1134 StoCrete TF 204
Intended use/es	Surface protection products - coating concrete repair product for non-structurally relevant repair Hand-applied mortar (3.1) Spraying concrete or mortar (3.3) Increasing cover to reinforcement with additional mortar or concrete (7.1)
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 1504-2:2004
Notified body/ies	NB 0921 (system 2+) NB 1378 (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	The product is used in the surface protection systems: StoCretec OS 4.3 consisting of the components: StoCrete TF 204 StoCryl V 100 StoCretec OS 4.4 consisting of the components: StoCrete TF 204 StoPox TU 100 StoCretec OS 4.4 V consisting of the components: StoCrete TF 204 StoPox TU 100 StoPur WV 60 StoCretec OS 5a.3 consisting of the components: StoCrete TF 204 StoCryl RB

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B-s1, d0 as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 3 / EN 1504-2:2004
Reaction to fire	E as a component of StoCretec OS 5a.3	system 3 / EN 1504-2:2004

Water vapour permeability	Class I as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Water vapour permeability	Class I as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Dangerous substances	NPD	system 2+/ EN 1504-2:2004
Adhesion strength by pull-off test	≥ 1.0 (0.7) N/mm² as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Adhesion strength by pull-off test	≥ 0.8 (0.5) N/mm² as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Antistatic behaviour	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Antistatic behaviour	NPD as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Cross cut test	≤ GT 2 as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Cross cut test	≤ GT 2 as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Slip resistance	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Slip resistance	NPD as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Artificial weathering	No visible defects as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Artificial weathering	No visible defects as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Linear shrinkage	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Linear shrinkage	NPD as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Resistance to temperature shock	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Resistance to temperature shock	NPD as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Capillary water absorption and water permeability	w < 0.1 kg/(m²*h0.5) as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Capillary water absorption and water permeability	w < 0.1 kg/(m²*h0.5) as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Coefficient of thermal expansion	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Coefficient of thermal expansion	NPD as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Chemical resistance	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Chemical resistance	NPD as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Restrained shrinking/swelling (dimensional stability)	≥ 0,8 MPa	system 2+/ EN 1504-2:2004
Dangerous substances	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Dangerous substances	NPD as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Adhesion on wet concrete	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Adhesion on wet concrete	NPD as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Thermal compatibility	≥ 1.0 (0.7) N/mm² as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Thermal compatibility	≥ 0.8 (0.5) N/mm² as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004

Crack bridging ability	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V	system 2+/ EN 1504-2:2004
Crack bridging ability	B 2 (-20 °C) as a component of StoCretec OS 5a.3	system 2+/ EN 1504-2:2004

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:

This copy was created by machine and is valid without signature.

10.06.2025

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.

CE

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

0103-2017-2 **09** **NB 0921 (system 2+)**
NB 1378 (system 3)

PROD1134 StoCrete TF 204
EN 1504-2:2004

Surface protection products - coating
concrete repair product for non-structurally relevant repair
Hand-applied mortar (3.1)
Spraying concrete or mortar (3.3)
Increasing cover to reinforcement with additional mortar or concrete (7.1)

Reaction to fire	B-s1, d0 as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Reaction to fire	E as a component of StoCretec OS 5a.3
Water vapour permeability	Class I as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Water vapour permeability	Class I as a component of StoCretec OS 5a.3
Dangerous substances	NPD
Adhesion strength by pull-off test	≥ 1.0 (0.7) N/mm² as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Adhesion strength by pull-off test	≥ 0.8 (0.5) N/mm² as a component of StoCretec OS 5a.3
Antistatic behaviour	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Antistatic behaviour	NPD as a component of StoCretec OS 5a.3
Cross cut test	≤ GT 2 as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Cross cut test	≤ GT 2 as a component of StoCretec OS 5a.3
Slip resistance	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Slip resistance	NPD as a component of StoCretec OS 5a.3
Artificial weathering	No visible defects as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Artificial weathering	No visible defects as a component of StoCretec OS 5a.3
Linear shrinkage	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V

Linear shrinkage	NPD as a component of StoCretec OS 5a.3
Resistance to temperature shock	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Resistance to temperature shock	NPD as a component of StoCretec OS 5a.3
Capillary water absorption and water permeability	w < 0.1 kg/(m²*h0.5) as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Capillary water absorption and water permeability	w < 0.1 kg/(m²*h0.5) as a component of StoCretec OS 5a.3
Coefficient of thermal expansion	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Coefficient of thermal expansion	NPD as a component of StoCretec OS 5a.3
Chemical resistance	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Chemical resistance	NPD as a component of StoCretec OS 5a.3
Restrained shrinking/swelling (dimensional stability)	≥ 0,8 MPa
Dangerous substances	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Dangerous substances	NPD as a component of StoCretec OS 5a.3
Adhesion on wet concrete	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Adhesion on wet concrete	NPD as a component of StoCretec OS 5a.3
Thermal compatibility	≥ 1.0 (0.7) N/mm² as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Thermal compatibility	≥ 0.8 (0.5) N/mm² as a component of StoCretec OS 5a.3
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 5a.3
Crack bridging ability	NPD as a component of StoCretec OS 4.3, StoCretec OS 4.4, and StoCretec OS 4.4 V
Crack bridging ability	B 2 (-20 °C) as a component of StoCretec OS 5a.3