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

Declaration of Performance for the construction product StoCrete FB

Unique identification code of the product-type	PROD0828 StoCrete FB
Intended use/es	Surface protection products - coating Protection against ingress (1.3) Moisture control (2.2) Increasing resistivity (8.2)
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 0767 (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 5b.1 consisting of the components: StoCrete FB

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	E_{fl}	system 3 / EN 1504-2:2004
Reaction to fire	E	system 3 / EN 1504-2:2004
Water vapour permeability	Class I	system 2+/ EN 1504-2:2004
Adhesion strength by pull-off test	≥ 0.8 (0.5) N/mm²	system 2+/ EN 1504-2:2004
Antistatic behaviour	NPD	system 2+/ EN 1504-2:2004
Cross cut test	≤ GT 2	system 2+/ EN 1504-2:2004
Slip resistance	NPD	system 2+/ EN 1504-2:2004
Artificial weathering	No visible defects	system 2+/ EN 1504-2:2004
Linear shrinkage	NPD	system 2+/ EN 1504-2:2004
Resistance to temperature shock	NPD	system 2+/ EN 1504-2:2004
Capillary water absorption and water permeability	$w < 0{,}1$ kg / (m² · $h^{0,5}$)	system 2+/ EN 1504-2:2004
Coefficient of thermal expansion	NPD	system 2+/ EN 1504-2:2004
Chemical resistance	NPD	system 2+/ EN 1504-2:2004
Dangerous substances	NPD	system 2+/ EN 1504-2:2004
Adhesion on wet concrete	NPD	system 2+/ EN 1504-2:2004
Thermal compatibility	≥ 0.8 (0.5) N/mm²	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	sd > 50 m	system 2+/ EN 1504-2:2004

Crack bridging ability	B 3.1 (-20 °C)	system 2+/ EN 1504-2:2004
Crack bridging ability	A 3 (-20 °C)	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.

02.05.2024

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.

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03-6026-4 **09** **NB 0921 (system 2+)**
NB 0767 (system 3)

PROD0828 StoCrete FB
EN 1504-2:2004

Surface protection products - coating
Protection against ingress (1.3)
Moisture control (2.2)
Increasing resistivity (8.2)

Reaction to fire	E_{fl}
Reaction to fire	E
Water vapour permeability	Class I
Adhesion strength by pull-off test	≥ 0.8 (0.5) N/mm²
Antistatic behaviour	NPD
Cross cut test	≤ GT 2
Slip resistance	NPD
Artificial weathering	No visible defects
Linear shrinkage	NPD
Resistance to temperature shock	NPD
Capillary water absorption and water permeability	$w < 0{,}1\ kg / (m^2 \cdot h^{0,5})$
Coefficient of thermal expansion	NPD
Chemical resistance	NPD
Dangerous substances	NPD
Adhesion on wet concrete	NPD
Thermal compatibility	≥ 0.8 (0.5) N/mm²
Carbon dioxide permeability	sd > 50 m
Crack bridging ability	B 3.1 (-20 °C)
Crack bridging ability	A 3 (-20 °C)