

# Declaration of Performance for the construction product

## StoCryl BF 700

<b>Unique identification code of the product-type</b>	PROD3803 StoCryl BF 700	
<b>Intended use/es</b>	Surface protection products - coating Protection against ingress (1.3) Moisture control (2.2) Increasing resistivity (8.2)	
<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 1504-2:2004	
<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	
<b>Declared performance/s</b>	The product is used in conjunction with StoCryl GW 100.	
Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B-s1, d0	system 3 / EN 1504-2:2004
Water vapour permeability	Class I	system 2+ / EN 1504-2:2004
Adhesion strength by pull-off test	$\geq 1.0 (0.7) \text{ N/mm}^2$	system 2+ / EN 1504-2:2004
Antistatic behaviour	NPD	system 2+ / EN 1504-2:2004
Cross cut test	$\leq \text{GT } 2$	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	$w < 0,1 \text{ kg} / (\text{m}^2 \cdot \text{h}^{0,5})$	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	$\geq 1.0 (0.7) \text{ N/mm}^2$	system 2+ / EN 1504-2:2004

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Carbon dioxide permeability	sd > 50 m	system 2+/ EN 1504-2:2004
Crack bridging ability	NPD	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:

Ppa Francisco Ramos / Head of Business Fields Facade and Interiors

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

**09.12.2022**

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

**0103-6103-4**

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

**PROD3803 StoCryl BF 700**  
**EN 1504-2:2004**

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

Reaction to fire	B-s1, d0
Water vapour permeability	Class I
Adhesion strength by pull-off test	≥ 1.0 (0.7) N/mm <sup>2</sup>
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 <sup>2</sup> · h <sup>0,5</sup> )
Coefficient of thermal expansion	NPD
Chemical resistance	NPD
Dangerous substances	NPD
Adhesion on wet concrete	NPD
Thermal compatibility	≥ 1.0 (0.7) N/mm <sup>2</sup>
Carbon dioxide permeability	sd > 50 m

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Crack bridging ability

NPD