

Declaration of Performance for the construction product

StoCryl V 100

Unique identification code of the product-type	PROD0623 StoCryl V 100	
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 0767 (system 3) NB 0921 (system 2+)	
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	<p>The product is used in the surface protection systems:</p> <p>StoCretec OS 2.1 consisting of the components: StoCryl GW 100 StoCryl V 100 StoCretec OS 2.2 consisting of the components: StoCryl HP 100 StoCryl V 100 StoCretec OS 4.1 consisting of the components: StoCrete TF 200 StoCryl V 100 StoCretec OS 4.3 consisting of the components: StoCrete TF 204 StoCryl V 100 StoCretec OS 4.6 consisting of the components: StoCryl ZB StoCryl V 100</p>	
Essential characteristics	Performance	Harmonised technical specification
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	$\geq 1.0 (0.7) \text{ N/mm}^2$	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
Carbon dioxide permeability	$sd > 50 \text{ m}$	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.

27.02.2023

Sto SE & Co. KGaA D-79780 Stühlingen

The current valid version of the declaration of performance is available at www.sto.com/ce.



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

0103-6006-2

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

PROD0623 StoCryl V 100
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
Water vapour permeability	Class I
Adhesion strength by pull-off test	≥ 1.0 (0.7) N/mm ²
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 · h ^{0,5})
Coefficient of thermal expansion	NPD
Chemical resistance	NPD
Dangerous substances	NPD
Adhesion on wet concrete	NPD
Thermal compatibility	≥ 1.0 (0.7) N/mm ²
Carbon dioxide permeability	sd > 50 m

Crack bridging ability

NPD