Declaration of Performance for the construction product

StoCryl ZB

Unique identification code of the product-type	PROD0612 StoCryl ZB
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 1508 (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 4.6 consisting of the components: StoCryl ZB StoCryl V 100 StoCretec OS 5a.4 consisting of the components: StoCryl ZB StoCryl RB

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	E	system 3 / EN 1504-3:2005
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 as a component of StoCretec OS 5a.4 and StoCretec OS 4.6	system 2+/ EN 1504-2:2004
Slip resistance	NPD	system 2+/ EN 1504-2:2004
Artificial weathering	No visible defects as a component of StoCretec OS 5a.4 and StoCretec OS 4.6	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*h0.5)	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 as a component of StoCretec OS 5a.4 and StoCretec OS 4.6	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	sd > 50 m	system 2+/ EN 1504-2:2004
Crack bridging ability	B 2 (-20 °C) as a component of StoCretec OS 5a.4	system 2+/ EN 1504-2:2004

NPD = no performance determined

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.

12.12.2022

Sto SE & Co. KGaA D-79780 Stühlingen

CE

Sto SE & Co. KGaA

Ehrenbachstraße 1

D-79780 Stühlingen

0103-6011-1	**13**	**NB 0921 (system 2+)** **NB 1508 (system 3)**

PROD0612 StoCryl ZB
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	≥ 0.8 (0.5) N/mm²
Antistatic behaviour	NPD
Cross cut test	≤ GT 2 as a component of StoCretec OS 5a.4 and StoCretec OS 4.6
Slip resistance	NPD
Artificial weathering	No visible defects as a component of StoCretec OS 5a.4 and StoCretec OS 4.6
Linear shrinkage	NPD
Resistance to temperature shock	NPD
Capillary water absorption and water permeability	w < 0.1 kg/(m²*h0.5)
Coefficient of thermal expansion	NPD
Chemical resistance	NPD
Dangerous substances	NPD
Adhesion on wet concrete	NPD
Thermal compatibility	≥ 0.8 (0.5) N/mm² as a component of StoCretec OS 5a.4 and StoCretec OS 4.6
Carbon dioxide permeability	sd > 50 m

Crack bridging ability	B 2 (-20 °C) as a component of StoCretec OS 5a.4