

Declaration of Performance for the construction product

StoPur IB 510

Unique identification code of the product-type	PROD2218 StoPur IB 510	
Intended use/es	Surface protection products - coating Protection against ingress (1.3) Physical resistance (5.1) Resistance to chemicals (6.1)	
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 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	This product is used in conjunction with a primer:	
Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	E _{fl}	system 3 / EN 1504-2:2004
Water vapour permeability	Class II	system 2+ / EN 1504-2:2004
Adhesion strength by pull-off test	≥ 2.0 (1.5) N/mm ²	system 2+ / EN 1504-2:2004
Abrasion resistance	Mass loss < 3000 mg	system 2+ / EN 1504-2:2004
Antistatic behaviour	NPD	system 2+ / EN 1504-2:2004
Cross cut test	NPD	system 2+ / EN 1504-2:2004
Slip resistance	NPD	system 2+ / EN 1504-2:2004
Artificial weathering	NPD	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/(m ² *h0.5)	system 2+ / EN 1504-2:2004
Impact resistance	Class I	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
Resistance to severe chemical attack	decrease in hardness < 50%	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	NPD	system 2+/ EN 1504-2:2004
Compressive strength	Class II	system 2+/ EN 1504-2:2004
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.

12.12.2022

Sto SE & Co. KGaA D-79780 Stühlingen

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



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

0103-6034-1

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

PROD2218 StoPur IB 510
EN 1504-2:2004

Surface protection products - coating
Protection against ingress (1.3)
Physical resistance (5.1)
Resistance to chemicals (6.1)

Reaction to fire	E _{fl}
Water vapour permeability	Class II
Adhesion strength by pull-off test	≥ 2.0 (1.5) N/mm ²
Abrasion resistance	Mass loss < 3000 mg
Antistatic behaviour	NPD
Cross cut test	NPD
Slip resistance	NPD
Artificial weathering	NPD
Linear shrinkage	NPD
Resistance to temperature shock	NPD
Capillary water absorption and water permeability	w < 0.1 kg/(m ² *h0.5)
Impact resistance	Class I
Coefficient of thermal expansion	NPD
Chemical resistance	NPD
Resistance to severe chemical attack	decrease in hardness < 50%
Dangerous substances	NPD

Adhesion on wet concrete	NPD
Thermal compatibility	NPD
Compressive strength	Class II
Carbon dioxide permeability	sd > 50 m
Crack bridging ability	NPD