

Declaration of Performance for the construction product StoPox WG 100 tinted

Unique identification code of the product-type	PROD0220 StoPox WG 100 tinted
Intended use/es	EN 1504-2: 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	EN 1504-2: 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

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	E _{fl}	system 3 / EN 1504-2:2004
Water vapour permeability	Class I	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	NPD	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:

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

27.11.2023

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.



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

03-6020-1

09

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

PROD0220 StoPox WG 100 tinted
EN 1504-2:2004
EN 13813:2002

EN 1504-2:
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 I
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 *h ^{0.5})
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	NPD

Carbon dioxide permeability	sd > 50 m
Crack bridging ability	NPD