

Declaration of Performance for the construction product StoPox WL 100

Unique identification code of the product-type	PROD0607 StoPox WL 100
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	The product is used in the surface protection system: StoFloor Traffic WL 100 consisting of the components: StoPox WG 100 StoPox WL 100
-------------------------------	---

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B _{fl} - s1 as a component of StoFloor Traffic WL 100	system 3 / EN 1504-2:2004
Water vapour permeability	Class I as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004
Adhesion strength by pull-off test	≥ 2.0 (1.5) N/mm ² as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004
Abrasion resistance	Mass loss < 3000 mg as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004
Antistatic behaviour	NPD as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004
Cross cut test	NPD as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004
Slip resistance	Class III as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004
Artificial weathering	NPD as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004
Linear shrinkage	cannot be determined as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004
Resistance to temperature shock	NPD as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004
Capillary water absorption and water permeability	w < 0.1 kg/(m ² *h0.5) as a component of StoFloor Traffic WL 100	system 2+ / EN 1504-2:2004

Impact resistance	Class I as a component of StoFloor Traffic WL 100	system 2+/ EN 1504-2:2004
Coefficient of thermal expansion	NPD as a component of StoFloor Traffic WL 100	system 2+/ EN 1504-2:2004
Chemical resistance	NPD as a component of StoFloor Traffic WL 100	system 2+/ EN 1504-2:2004
Resistance to severe chemical attack	decrease in hardness < 50% as a component of StoFloor Traffic WL 100	system 2+/ EN 1504-2:2004
Dangerous substances	NPD as a component of StoFloor Traffic WL 100	system 2+/ EN 1504-2:2004
Adhesion on wet concrete	NPD as a component of StoFloor Traffic WL 100	system 2+/ EN 1504-2:2004
Thermal compatibility	≥ 2.0 (1.5) N/mm ² as a component of StoFloor Traffic WL 100	system 2+/ EN 1504-2:2004
Compressive strength	cannot be determined as a component of StoFloor Traffic WL 100	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	sd > 50 m as a component of StoFloor Traffic WL 100	system 2+/ EN 1504-2:2004
Crack bridging ability	NPD as a component of StoFloor Traffic WL 100	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.

07.07.2025

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

0103-6021-4

09

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

PROD0607 StoPox WL 100
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	B _{fl} - s1 as a component of StoFloor Traffic WL 100
Water vapour permeability	Class I as a component of StoFloor Traffic WL 100
Adhesion strength by pull-off test	≥ 2.0 (1.5) N/mm ² as a component of StoFloor Traffic WL 100
Abrasion resistance	Mass loss < 3000 mg as a component of StoFloor Traffic WL 100
Antistatic behaviour	NPD as a component of StoFloor Traffic WL 100
Cross cut test	NPD as a component of StoFloor Traffic WL 100
Slip resistance	Class III as a component of StoFloor Traffic WL 100
Artificial weathering	NPD as a component of StoFloor Traffic WL 100
Linear shrinkage	cannot be determined as a component of StoFloor Traffic WL 100
Resistance to temperature shock	NPD as a component of StoFloor Traffic WL 100
Capillary water absorption and water permeability	w < 0.1 kg/(m ² *h ^{0.5}) as a component of StoFloor Traffic WL 100
Impact resistance	Class I as a component of StoFloor Traffic WL 100
Coefficient of thermal expansion	NPD as a component of StoFloor Traffic WL 100
Chemical resistance	NPD as a component of StoFloor Traffic WL 100
Resistance to severe chemical attack	decrease in hardness < 50% as a component of StoFloor Traffic WL 100
Dangerous substances	NPD as a component of StoFloor Traffic WL 100
Adhesion on wet concrete	NPD as a component of StoFloor Traffic WL 100
Thermal compatibility	≥ 2.0 (1.5) N/mm ² as a component of StoFloor Traffic WL 100
Compressive strength	cannot be determined as a component of StoFloor Traffic WL 100
Carbon dioxide permeability	sd > 50 m as a component of StoFloor Traffic WL 100

Crack bridging ability

NPD as a component of StoFloor Traffic WL 100