

Declaration of Performance for the construction product

StoPox WB 50

Unique identification code of the product-type	PROD0458 StoPox WB 50
Intended use/es	Surface protection products - coating Protection against ingress (1.3)
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 1378 (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	This product is used in conjunction with a primer:	
Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	E	system 3 / EN 1504-2:2004
Water vapour permeability	Class II	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	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	$w < 0.1 \text{ kg/(m}^2 \cdot \text{h} \cdot 0.5)$	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	NPD	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:

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

10.03.2025

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
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0103-6144-4

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NB 0921 (system 2+)
NB 1378 (system 3)

**PROD0458 StoPox WB 50
EN 1504-2:2004**

Surface protection products - coating
Protection against ingress (1.3)

Reaction to fire	E
Water vapour permeability	Class II
Adhesion strength by pull-off test	≥ 1.0 (0.7) N/mm ²
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})
Coefficient of thermal expansion	NPD
Chemical resistance	NPD
Dangerous substances	NPD
Adhesion on wet concrete	NPD
Thermal compatibility	NPD
Carbon dioxide permeability	sd > 50 m
Crack bridging ability	NPD