

Declaration of Performance for the construction product StoPox WL 150

Unique identification code of the product-type	PROD5044 StoPox WL 150
Intended use/es	EN 1504-2: Surface protection products - coating Protection against ingress (1.3) Moisture control (2.2) EN 13813: Synthetic resin screed material
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) EN 13813: System 4 (for uses in interiors) System 3 (for uses in interiors subject to reaction to fire regulations)
Harmonised standard	EN 1504-2:2004 EN 13813:2002
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	B _{fl} - s1	system 3 / EN 1504-2:2004
Reaction to fire	B _{fl} - s1	system 3 / EN 13813:2002
Water vapour permeability	Class I	system 2+ / EN 1504-2:2004
Bond strength	≥ B 2,0	system 4 / EN 13813:2002
Sound absorption coefficient α _w	NPD	system 4 / EN 13813:2002
Water permeability	NPD	system 4 / EN 13813:2002
Abrasion resistance	≤ AR1..	system 4 / EN 13813:2002
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
Chemical resistance	NPD	system 4 / EN 13813:2002
Release of corrosive substances	SR	system 4 / EN 13813:2002

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
Impact sound insulation	NPD	system 4 / EN 13813:2002
Thermal resistance	NPD	system 4 / EN 13813:2002
Resistance to temperature shock	NPD	system 2+ / EN 1504-2:2004
Capillary water absorption and water permeability	$w < 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h} \cdot 0.5)$	system 2+ / EN 1504-2:2004
Impact resistance	$\geq \text{IR4}$	system 4 / EN 13813:2002
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	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	$\geq 2.0 (1.5) \text{ N}/\text{mm}^2$	system 2+ / EN 1504-2:2004
Carbon dioxide permeability	$s_d > 50 \text{ m}$	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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0103-6145-1

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

PROD5044 StoPox WL 150

EN 1504-2:
Surface protection products - coating
Protection against ingress (1.3)
Moisture control (2.2)

EN 13813:
Synthetic resin screed material

Reaction to fire	B _{fi} - s1
Reaction to fire	B _{fi} - s1
Bond strength	≥ B 2,0
Water vapour permeability	Class I
Sound absorption coefficient α _w	NPD
Water permeability	NPD
Abrasion resistance	≤ AR1
Adhesion strength by pull-off test	≥ 2.0 (1.5) N/mm ²
Abrasion resistance	Mass loss < 3000 mg
Antistatic behaviour	NPD
Chemical resistance	NPD
Release of corrosive substances	SR
Cross cut test	NPD
Slip resistance	NPD
Artificial weathering	NPD
Linear shrinkage	NPD
Impact sound insulation	NPD
Thermal resistance	NPD

Resistance to temperature shock	NPD
Capillary water absorption and water permeability	$w < 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$
Impact resistance	$\geq \text{IR}4$
Impact resistance	Class I
Coefficient of thermal expansion	NPD
Chemical resistance	NPD
Resistance to severe chemical attack	NPD
Dangerous substances	NPD
Adhesion on wet concrete	NPD
Thermal compatibility	$\geq 2.0 (1.5) \text{ N}/\text{mm}^2$
Carbon dioxide permeability	$s_d > 50 \text{ m}$
Crack bridging ability	NPD