

# Declaration of Performance for the construction product StoPox DV 100

<b>Unique identification code of the product-type</b>	PROD0468 StoPox DV 100
<b>Intended use/es</b>	Surface protection products - coating Protection against ingress (1.3) Moisture control (2.2) Physical resistance (5.1) Resistance to chemicals (6.1) Increasing resistivity (8.2)
<b>Manufacturer</b>	Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen
<b>System/s of AVCP</b>	System 2+ (for uses in buildings and civil engineering works) System 3 (for uses subject to reaction to fire regulations)
<b>Harmonised standard</b>	EN 1504-2:2004
<b>Notified body/ies</b>	0767, 0921
<b>European Assessment Document</b>	Not relevant
<b>European Technical Assessment</b>	Not relevant
<b>Technical Assessment Body</b>	Not relevant
<b>Appropriate Technical Documentation and/or Specific Technical Documentation</b>	Not relevant
<b>Declared performance/s</b>	<p>The product is used in the surface protection systems:</p> <p>StoCretec OS 8.8 consisting of the components: StoPox GH 502 StoPox DV 100</p> <p>StoCretec OS 8.12 consisting of the components: StoPox GH 530 StoPox DV 100</p> <p>StoCretec OS 8.15 consisting of the components: StoPox GH 502 StoPox 590 EP StoPox DV 100</p> <p>StoCretec OS 11a.5 consisting of the components: StoPox GH 530 StoPox TEP MultiTop StoPox DV 100</p> <p>StoCretec OS 11b.5-1 consisting of the components: StoPox GH 530 StoPox TEP MultiTop StoPox DV 100</p>

Essential characteristics	Performance	Harmonised technical specification
---------------------------	-------------	------------------------------------

Reaction to fire	B <sub>fl</sub> - s1 as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 3 / EN 1504-2:2004
Reaction to fire	C <sub>fl</sub> - s1 as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 3 / EN 1504-2:2004
Water vapour permeability	Class III as a component of StoCretec OS 8.8 and StoCretec OS 8.12	system 2+ / EN 1504-2:2004
Water vapour permeability	Class II as component of StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Water vapour permeability	Class III as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Adhesion strength by pull-off test	≥ 2.0 (1.5) N/mm <sup>2</sup> as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Adhesion strength by pull-off test	≥ 1.5 (1.0) N/mm <sup>2</sup> as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Abrasion resistance	Mass loss < 3000 mg as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Abrasion resistance	Mass loss < 3000 mg as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Antistatic behaviour	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Antistatic behaviour	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Cross cut test	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Cross cut test	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Slip resistance	Class III as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Slip resistance	Class III as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Artificial weathering	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Artificial weathering	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Linear shrinkage	≤ 0.3 % as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Linear shrinkage	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Resistance to temperature shock	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Resistance to temperature shock	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Capillary water absorption and water permeability	w < 0,1 kg / (m <sup>2</sup> · h <sup>0,5</sup> ) as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Capillary water absorption and water permeability	w < 0,1 kg / (m <sup>2</sup> · h <sup>0,5</sup> ) as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Impact resistance	Class I as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004
Impact resistance	Class I as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+ / EN 1504-2:2004
Coefficient of thermal expansion	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+ / EN 1504-2:2004

Coefficient of thermal expansion	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+/ EN 1504-2:2004
Chemical resistance	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+/ EN 1504-2:2004
Chemical resistance	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+/ EN 1504-2:2004
Resistance to severe chemical attack	Class I, decrease in hardness < 50% as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+/ EN 1504-2:2004
Resistance to severe chemical attack	Class I, decrease in hardness < 50% as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+/ EN 1504-2:2004
Dangerous substances	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+/ EN 1504-2:2004
Dangerous substances	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+/ EN 1504-2:2004
Adhesion on wet concrete	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+/ EN 1504-2:2004
Adhesion on wet concrete	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+/ EN 1504-2:2004
Thermal compatibility	≥ 2.0 (1.5) N/mm <sup>2</sup> as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+/ EN 1504-2:2004
Thermal compatibility	≥ 1.5 (1.0) N/mm <sup>2</sup> as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+/ EN 1504-2:2004
Compressive strength	Class I as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+/ EN 1504-2:2004
Compressive strength	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	sd > 50 m as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	system 2+/ EN 1504-2:2004
Crack bridging ability	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15	system 2+/ EN 1504-2:2004
Crack bridging ability	B 3.2 (-20 °C) as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1	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.

14.01.2026

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](http://www.sto.com/ce).



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

0103-6013-6

09

0767, 0921

**PROD0468 StoPox DV 100  
EN 1504-2:2004**

Surface protection products - coating  
Protection against ingress (1.3)  
Moisture control (2.2)  
Physical resistance (5.1)  
Resistance to chemicals (6.1)  
Increasing resistivity (8.2)

Reaction to fire	B <sub>fl</sub> - s1 as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Reaction to fire	C <sub>fl</sub> - s1 as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Water vapour permeability	Class III as a component of StoCretec OS 8.8 and StoCretec OS 8.12
Water vapour permeability	Class II as component of StoCretec OS 8.15
Water vapour permeability	Class III as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Adhesion strength by pull-off test	≥ 2.0 (1.5) N/mm <sup>2</sup> as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Adhesion strength by pull-off test	≥ 1.5 (1.0) N/mm <sup>2</sup> as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Abrasion resistance	Mass loss < 3000 mg as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Abrasion resistance	Mass loss < 3000 mg as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Antistatic behaviour	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Antistatic behaviour	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Cross cut test	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Cross cut test	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Slip resistance	Class III as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Slip resistance	Class III as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1

Artificial weathering	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Artificial weathering	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Linear shrinkage	≤ 0.3 % as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Linear shrinkage	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Resistance to temperature shock	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Resistance to temperature shock	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Capillary water absorption and water permeability	$w < 0,1 \text{ kg} / (\text{m}^2 \cdot \text{h}^{0,5})$ as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Capillary water absorption and water permeability	$w < 0,1 \text{ kg} / (\text{m}^2 \cdot \text{h}^{0,5})$ as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Impact resistance	Class I as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Impact resistance	Class I as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Coefficient of thermal expansion	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Coefficient of thermal expansion	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Chemical resistance	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Chemical resistance	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Resistance to severe chemical attack	Class I as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Resistance to severe chemical attack	Class I as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Dangerous substances	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Dangerous substances	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Adhesion on wet concrete	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Adhesion on wet concrete	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Thermal compatibility	≥ 2.0 (1.5) N/mm <sup>2</sup> as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Thermal compatibility	≥ 1.5 (1.0) N/mm <sup>2</sup> as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Compressive strength	Class I as component of StoCretec OS 8.8, StoCretec OS 8.12, and

	StoCretec OS 8.15
Compressive strength	NPD as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Carbon dioxide permeability	sd > 50 m as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1
Crack bridging ability	NPD as component of StoCretec OS 8.8, StoCretec OS 8.12, and StoCretec OS 8.15
Crack bridging ability	B 3.2 (-20 °C) as a component of StoCretec OS 11a.5 and StoCretec OS 11b.5-1