

# Declaration of Performance for the construction product

## StoPur EZ 502

<b>Unique identification code of the product-type</b>	PROD2219 StoPur EZ 502
<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>	NB 0921 (system 2+) NB 1508 (system 3)
<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>	EN 1504-2: The product is used in the surface protection system: StoCretec OS 11a.20 consisting of the components: StoPox GH 531 StoPur EZ 500 StoPur EZ 502 StoPox DV 502

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B <sub>fl</sub> - s1 as a component of StoCretec OS 11a.20	system 3 / EN 1504-2:2004
Water vapour permeability	Class III as a component of StoCretec OS 11a.20	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.20	system 2+ / EN 1504-2:2004
Abrasion resistance	Mass loss < 3000 mg as a component of StoCretec OS 11a.20	system 2+ / EN 1504-2:2004
Antistatic behaviour	NPD as a component of StoCretec OS 11a.20	system 2+ / EN 1504-2:2004
Cross cut test	NPD as a component of StoCretec OS 11a.20	system 2+ / EN 1504-2:2004
Slip resistance	Class III as a component of StoCretec OS 11a.20	system 2+ / EN 1504-2:2004
Artificial weathering	NPD as a component of StoCretec OS 11a.20	system 2+ / EN 1504-2:2004
Linear shrinkage	NPD as a component of StoCretec OS 11a.20	system 2+ / EN 1504-2:2004
Resistance to temperature shock	NPD as a component of StoCretec OS 11a.20	system 2+ / EN 1504-2:2004

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.20	system 2+/ EN 1504-2:2004
Impact resistance	Class I as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Coefficient of thermal expansion	NPD as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Chemical resistance	NPD as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Resistance to severe chemical attack	hardness loss < 50 % as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Dangerous substances	NPD as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Adhesion on wet concrete	NPD as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Thermal compatibility	$\geq 2.0 (1.5) \text{ N/mm}^2$ as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Compressive strength	NPD as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	$sd > 50 \text{ m}$ as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Crack bridging ability	B 3.2 (-20 °C) as a component of StoCretec OS 11a.20	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.

**03.06.2025**

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



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

0103-6108-3

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NB 0921 (system 2+)  
NB 1508 (system 3)

**PROD2219 StoPur EZ 502**  
**EN 1504-2:2004**

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Moisture control (2.2)  
Physical resistance (5.1)  
Resistance to chemicals (6.1)  
Increasing resistivity (8.2)

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