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

Declaration of Performance 0103-6107-3

In accordance with EU-CPR no. 305/2011

Declaration of Performance for the construction product
StoPur EZ 500

Unique identification code of the product-type	PROD0436 StoPur EZ 500
Intended use/es	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)
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 0767 (system 3) NB 1508 (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	The product is used in the surface protection systems: StoCretec OS 11a.20 consisting of the components: StoPox GH 531 StoPur EZ 500 StoPur EZ 502 StoPox DV 502 StoCretec OS 11b.20 consisting of the components: StoPox GH 500 StoPur EZ 500 StoPox DV 502

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B_{fl} - s1 as a component of StoCretec OS 11a.20	system 3 / EN 1504-2:2004
Reaction to fire	B_{fl} - s1 as a component of StoCretec OS 11b.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
Water vapour permeability	Class III as a component of StoCretec OS 11b.20	system 2+/ EN 1504-2:2004
Adhesion strength by pull-off test	≥ 1.5 (1.0) N/mm² 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/mm² as a component of StoCretec	system 2+/ EN 1504-2:2004

	OS 11b.20	
Abrasion resistance	Mass loss < 3000 mg 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 11b.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
Slip resistance	Class III as a component of StoCretec OS 11b.20	system 2+/ EN 1504-2:2004
Capillary water absorption and water permeability	w < 0,1 kg / (m² · $h^{0,5}$) as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Capillary water absorption and water permeability	w < 0,1 kg / (m² · $h^{0,5}$) as a component of StoCretec OS 11b.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
Impact resistance	Class I as a component of StoCretec OS 11b.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
Resistance to severe chemical attack	hardness loss < 50 % as a component of StoCretec OS 11b.20	system 2+/ EN 1504-2:2004
Thermal compatibility	≥ 2.0 (1.5) N/mm² as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Thermal compatibility	≥ 2.0 (1.5) N/mm² as a component of StoCretec OS 11b.20	system 2+/ EN 1504-2:2004
Compressive strength	NPD as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Compressive strength	NPD as a component of StoCretec OS 11b.20	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 11a.20	system 2+/ EN 1504-2:2004
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 11b.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
Crack bridging ability	B 3.2 (-20 °C) as a component of StoCretec OS 11b.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.

10.07.2025

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

0103-6107-3 **20** **NB 0921 (system 2+)**
NB 0767 (system 3)
NB 1508 (system 3)

PROD0436 StoPur EZ 500
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_{fl} - s1 as a component of StoCretec OS 11a.20
Reaction to fire	B_{fl} - s1 as a component of StoCretec OS 11b.20
Water vapour permeability	Class III as a component of StoCretec OS 11a.20
Water vapour permeability	Class III as a component of StoCretec OS 11b.20
Adhesion strength by pull-off test	≥ 1.5 (1.0) N/mm² as a component of StoCretec OS 11a.20
Adhesion strength by pull-off test	≥ 1.5 (1.0) N/mm² as a component of StoCretec OS 11b.20
Abrasion resistance	Mass loss < 3000 mg as a component of StoCretec OS 11a.20
Abrasion resistance	Mass loss < 3000 mg as a component of StoCretec OS 11b.20
Slip resistance	Class III as a component of StoCretec OS 11a.20
Slip resistance	Class III as a component of StoCretec OS 11b.20
Capillary water absorption and water permeability	$w < 0{,}1$ kg / (m² · $h^{0,5}$) as a component of StoCretec OS 11a.20
Capillary water absorption and water permeability	$w < 0{,}1$ kg / (m² · $h^{0,5}$) as a component of StoCretec OS 11b.20
Impact resistance	Class I as a component of StoCretec OS 11a.20
Impact resistance	Class I as a component of StoCretec OS 11b.20
Resistance to severe chemical attack	hardness loss < 50 % as a component of StoCretec OS 11a.20
Resistance to severe chemical attack	hardness loss < 50 % as a component of StoCretec OS 11b.20
Thermal compatibility	≥ 2.0 (1.5) N/mm² as a component of StoCretec OS 11a.20
Thermal compatibility	≥ 2.0 (1.5) N/mm² as a component of StoCretec OS 11b.20
Compressive strength	NPD as a component of StoCretec OS 11a.20

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