

Declaration of Performance for the construction product StoPur SC 300

| | |
|--|---|
| Unique identification code of the product-type | PRODH066 StoPur SC 300 |
| 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) |
| 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 1508 (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 | The product is used in the surface protection system: StoCretec OS 10.21 consisting of the components: StoPox GH 500 StoPur SC 300 StoPur AC 500 S |

| Essential characteristics | Performance | Harmonised technical specification |
|---|--|------------------------------------|
| Reaction to fire | B _{fl} - s1 as a component of StoCretec OS 10.21 | system 3 / EN 1504-2:2004 |
| Water vapour permeability | Class III as a component of StoCretec OS 10.21 | system 2+ / EN 1504-2:2004 |
| Adhesion strength by pull-off test | ≥ 2.0 (1.5) N/mm ² as a component of StoCretec OS 10.21 | system 2+ / EN 1504-2:2004 |
| Abrasion resistance | Mass loss < 3000 mg as a component of StoCretec OS 10.21 | 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 kg/(m ² *h0.5) as a component of StoCretec OS 10.21 | system 2+ / EN 1504-2:2004 |
| Impact resistance | Class I as a component of StoCretec OS 10.21 | 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 | decrease in hardness < 50% as a component of StoCretec OS 10.21 | 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 |
| Compressive strength | NPD | system 2+/ EN 1504-2:2004 |
| Carbon dioxide permeability | sd > 50 m as a component of StoCretec OS 10.21 | 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
Ehrenbachstr. 1
D-79780 Stühlingen

0103-0018-1

22

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

PRODH066 StoPur SC 300
EN 1504-2:2004
EN 13813:2002

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

| | |
|---|---|
| Reaction to fire | B _{fl} - s1 as a component of StoCretec OS 10.21 |
| Water vapour permeability | Class III as a component of StoCretec OS 10.21 |
| Adhesion strength by pull-off test | ≥ 2.0 (1.5) N/mm ² as a component of StoCretec OS 10.21 |
| Abrasion resistance | Mass loss < 3000 mg as a component of StoCretec OS 10.21 |
| 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}) as a component of StoCretec OS 10.21 |
| Impact resistance | Class I as a component of StoCretec OS 10.21 |
| Coefficient of thermal expansion | NPD |
| Chemical resistance | NPD |
| Resistance to severe chemical attack | decrease in hardness < 50% as a component of StoCretec OS 10.21 |
| Dangerous substances | NPD |
| Adhesion on wet concrete | NPD |
| Thermal compatibility | NPD |
| Compressive strength | NPD |

| | |
|-----------------------------|--|
| Carbon dioxide permeability | sd > 50 m as a component of StoCretec OS 10.21 |
| Crack bridging ability | NPD |