

# Declaration of Performance for the construction product

## StoPur IB 500

|  |   |   |
|--|---|---|
| <b>Unique identification code of the product-type</b>                              | PROD2217 StoPur IB 500  |   |
| <b>Intended use/es</b>   | Surface protection products - coating<br>Protection against ingress (1.3)<br>Physical resistance (5.1)<br>Resistance to chemicals (6.1) |   |
| <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)<br><br>System 3 (for uses subject to reaction to fire regulations)        |   |
| <b>Harmonised standard</b>   | EN 1504-2:2004  |   |
| <b>Notified body/ies</b>   | NB 0767 (system 3)<br>NB 0921 (system 2+)   |   |
| <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>  | This product is used in conjunction with a primer:  |   |
| <b>Essential characteristics</b>   | <b>Performance</b>  | <b>Harmonised technical specification</b> |
| Reaction to fire   | B <sub>fl</sub> - s1  | system 3 / EN 1504-2:2004                 |
| Water vapour permeability  | Class II  | system 2+ / EN 1504-2:2004                |
| Adhesion strength by pull-off test   | ≥ 2.0 (1.5) N/mm <sup>2</sup>   | 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                |
| 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 <sup>2</sup> *h0.5)   | system 2+ / EN 1504-2:2004                |
| 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   | decrease in hardness < 50%  | 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        | Class II  | system 2+/ EN 1504-2:2004 |
| Carbon dioxide permeability | sd > 50 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:

Ppa Francisco Ramos / Head of Business Fields Facade and Interiors

This copy was created by machine and is valid without signature.

12.12.2022

Sto SE & Co. KGaA 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**  
Ehrenbachstraße 1  
D-79780 Stühlingen

**0103-6033-2**

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

**PROD2217 StoPur IB 500  
EN 1504-2:2004**

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

|   |                                   |
|---|-----------------------------------|
| Reaction to fire                                  | B <sub>fl</sub> - s1              |
| Water vapour permeability                         | Class II                          |
| Adhesion strength by pull-off test                | ≥ 2.0 (1.5) N/mm <sup>2</sup>     |
| Abrasion resistance                               | Mass loss < 3000 mg               |
| 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 <sup>2</sup> *h0.5) |
| Impact resistance                                 | Class I                           |
| Coefficient of thermal expansion                  | NPD                               |
| Chemical resistance                               | NPD                               |
| Resistance to severe chemical attack              | decrease in hardness < 50%        |
| Dangerous substances                              | NPD                               |

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|                             |           |
|-----------------------------|-----------|
| Adhesion on wet concrete    | NPD       |
| Thermal compatibility       | NPD       |
| Compressive strength        | Class II  |
| Carbon dioxide permeability | sd > 50 m |
| Crack bridging ability      | NPD       |