

Declaration of Performance for the construction product

StoPur PM MultiBase

Unique identification code of the product-type	PROD4669 StoPur PM MultiBase	
Intended use/es	<p>EN 1504-2: Surface protection products - coating Protection against ingress (1.3) moisture control (2.1) Physical resistance (5.1) Resistance to chemicals (6.1)</p> <p>EN 13813: Synthetic resin screed material</p>	
Manufacturer	Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen	
System/s of AVCP	<p>EN 1504-2: System 2+ (for uses in buildings and civil engineering works) System 3 (for uses subject to reaction to fire regulations)</p> <p>EN 13813: System 3 (for uses in interiors subject to reaction to fire regulations) System 4 (for uses in interiors)</p>	
Harmonised standard	<p>EN 1504-2:2004 EN 13813:2002</p>	
Notified body/ies	<p>NB 0767 (system 3) NB 0921 (system 2+)</p>	
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	<p>The product is used in the surface protection system: StoCretec OS 10.4 consisting of the components: StoPox GH 500 StoPur PM MultiBase StoPur AC MultiCoat</p>	
Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B _{fl} - s1 as a component of StoCretec OS 10.4	system 3 / EN 1504-2:2004
Reaction to fire	B _{fl} - s1 as a component of StoCretec OS 10.4	system 3 / EN 13813:2002
Water vapour permeability	Class III as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Bond strength	≥ B 1.5 as a component of StoCretec OS 10.4	system 4 / EN 13813:2002

Sound absorption coefficient α_w	NPD as a component of StoCretec OS 10.4	system 4 / EN 13813:2002
Water permeability	NPD as a component of StoCretec OS 10.4	system 4 / EN 13813:2002
Abrasion resistance	\leq AR1..as a component of StoCretec OS 10.4	system 4 / EN 13813:2002
Adhesion strength by pull-off test	\geq 1.5 (1.0) N/mm ² as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Abrasion resistance	Mass loss < 3000 mg as a component of StoCretec OS 10.4	
Antistatic behaviour	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Chemical resistance	NPD as a component of StoCretec OS 10.4	system 4 / EN 13813:2002
Release of corrosive substances	SR as a component of StoCretec OS 10.4	system 4 / EN 13813:2002
Cross cut test	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Slip resistance	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Artificial weathering	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Linear shrinkage	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Impact sound insulation	NPD as a component of StoCretec OS 10.4	system 4 / EN 13813:2002
Thermal resistance	NPD as a component of StoCretec OS 10.4	system 4 / EN 13813:2002
Resistance to temperature shock	NPD as a component of StoCretec OS 10.4	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 10.4	system 2+ / EN 1504-2:2004
Impact resistance	Class I as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Impact resistance	\geq IR4 as a component of StoCretec OS 10.4	system 4 / EN 13813:2002
Coefficient of thermal expansion	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Chemical resistance	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Resistance to severe chemical attack	decrease in hardness < 50% as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Dangerous substances	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Adhesion on wet concrete	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Thermal compatibility	\geq 2.0 (1.5) N/mm ² as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Compressive strength	NPD as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Carbon dioxide permeability	$s_d > 50 \text{ m}$ as a component of StoCretec OS 10.4	system 2+ / EN 1504-2:2004
Crack bridging ability	B 4.2 (-20 °C) as a component of StoCretec OS 10.4	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.

03.11.2022

Sto SE & Co. KGaA D-79780 Stühlingen

The current valid version of the declaration of performance is available at www.sto.com/ce.



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

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

PROD4669 StoPur PM MultiBase
EN 1504-2:2004
EN 13813:2002

EN 1504-2:
Surface protection products - coating
Protection against ingress (1.3)
moisture control (2.1)
Physical resistance (5.1)
Resistance to chemicals (6.1)

EN 13813:
Synthetic resin screed material

Reaction to fire	B _{fl} - s1 as a component of StoCretec OS 10.4
Reaction to fire	B _{fl} - s1 as a component of StoCretec OS 10.4
Bond strength	≥ B 1.5 as a component of StoCretec OS 10.4
Water vapour permeability	Class III as a component of StoCretec OS 10.4
Sound absorption coefficient α_w	NPD as a component of StoCretec OS 10.4
Water permeability	NPD as a component of StoCretec OS 10.4
Abrasion resistance	≤ AR1 as a component of StoCretec OS 10.4
Adhesion strength by pull-off test	≥ 1.5 (1.0) N/mm ² as a component of StoCretec OS 10.4
Abrasion resistance	Mass loss < 3000 mg as a component of StoCretec OS 10.4
Antistatic behaviour	NPD as a component of StoCretec OS 10.4
Chemical resistance	NPD as a component of StoCretec OS 10.4
Release of corrosive substances	SR as a component of StoCretec OS 10.4
Cross cut test	NPD as a component of StoCretec OS 10.4

Slip resistance	NPD as a component of StoCretec OS 10.4
Artificial weathering	NPD as a component of StoCretec OS 10.4
Linear shrinkage	NPD as a component of StoCretec OS 10.4
Impact sound insulation	NPD as a component of StoCretec OS 10.4
Thermal resistance	NPD as a component of StoCretec OS 10.4
Resistance to temperature shock	NPD as a component of StoCretec OS 10.4
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 10.4
Impact resistance	Class I as a component of StoCretec OS 10.4
Impact resistance	$\geq \text{IR}4$ as a component of StoCretec OS 10.4
Coefficient of thermal expansion	NPD as a component of StoCretec OS 10.4
Chemical resistance	NPD as a component of StoCretec OS 10.4
Resistance to severe chemical attack	decrease in hardness $< 50\%$ as a component of StoCretec OS 10.4
Dangerous substances	NPD as a component of StoCretec OS 10.4
Adhesion on wet concrete	NPD as a component of StoCretec OS 10.4
Thermal compatibility	$\geq 2.0 (1.5) \text{ N/mm}^2$ as a component of StoCretec OS 10.4
Compressive strength	NPD as a component of StoCretec OS 10.4
Carbon dioxide permeability	$s_d > 50 \text{ m}$ as a component of StoCretec OS 10.4
Crack bridging ability	B 4.2 (-20 °C) as a component of StoCretec OS 10.4