Declaration of Performance for the construction product StoPur AC MultiCoat

Unique identification code of the product-type	PROD4668 StoPur AC MultiCoat
Intended use/es	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
Manufacturer	Sto SE & Co. KGaAD-79780 StühlingenEhrenbachstr. 1
System/s of AVCP	EN 1504-2: System 2+ (for uses in buildings and civil engineering works) System 3 (for uses subject to reaction to fire regulations) EN 13813: System 3 (for uses in interiors subject to reaction to fire regulations) System 4 (for uses in interiors)
Harmonised standard	EN 1504-2:2004 EN 13813:2002
Notified body/ies	NB 0767 (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 10.4 consisting of the components: StoPox GH 500 StoPur PM MultiBase StoPur AC MultiCoat

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	≤ AR1..as a component of StoCretec OS 10.4	system 4 / EN 13813:2002

Adhesion strength by pull-off test	≥ 1.5 (1.0) N/mm² 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	$w < 0{,}1\ kg / (m^2 \cdot h^{0,5})$ 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	≥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	≥ 2.0 (1.5) N/mm² 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	sd > 50 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:

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

10.03.2025

Sto SE & Co. KGaAD-79780 StühlingenEhrenbachstr. 1

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

Sto SE & Co. KGaAD-79780 StühlingenEhrenbachstr. 1

0103-0019-4 **22** **NB 0767 (system 3)**
NB 0921 (system 2+)

PROD4668 StoPur AC MultiCoat
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/mm² 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 kg / (m² · $h^{0,5}$) as a component of StoCretec OS 10.4
Impact resistance	Class I as a component of StoCretec OS 10.4
Impact resistance	≥IR4 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	≥ 2.0 (1.5) N/mm² as a component of StoCretec OS 10.4
Compressive strength	NPD as a component of StoCretec OS 10.4
Carbon dioxide permeability	sd > 50 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