Declaration of Performance for the construction product StoPma RZ 500

Unique identification code of the product-type	PROD3554 StoPma RZ 500
Intended use/es	EN 1504-2: Surface protection products - coating Protection against ingress (1.3) Physical resistance (5.1) Resistance to chemicals (6.1) EN 13813: Synthetic resin screed material
Manufacturer	
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 4 (for uses in interiors) System 4 (for uses in interiors subject to reaction to fire regulations)
Harmonised standard	EN 1504-2:2004 EN 13813:2002
Notified body/ies	NB 1119 (system 2+) NB 0767 (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	reaction to fire: E_{fl} (StoDok_20140624_2)
Declared performance/s	as a component of StoCretec OS 8.16 StoPma GH 500 StoPma RZ 500 StoPma DV 500 StoPma KAT 300

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	E_{fl} (StoDok_20140624_2)	EN 13813:2002 / system 4
Reaction to fire	C_{fl} - s1 as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 3
Water vapour permeability	Class III as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Bond strength	≥ B 1.5	EN 13813:2002 / system 4
Sound absorption coefficient α_w	NPD	EN 13813:2002 / system 4
Water permeability	NPD	EN 13813:2002 / system 4
Abrasion resistance	≤ AR1..	EN 13813:2002 / system 4
Adhesion strength by pull-off test	≥ 2.0 (1.5) N/mm² as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Abrasion resistance	Mass loss < 3000 mg as a component of	EN 1504-2:2004 / system 2+

	StoCretec OS 8.16	
Antistatic behaviour	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Chemical resistance	NPD	EN 13813:2002 / system 4
Release of corrosive substances	SR	EN 13813:2002 / system 4
Cross cut test	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Slip resistance	Class III as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Artificial weathering	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Linear shrinkage	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Impact sound insulation	NPD	EN 13813:2002 / system 4
Thermal resistance	NPD	EN 13813:2002 / system 4
Resistance to temperature shock	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Capillary water absorption and water permeability	w < 0.1 kg/(m²*h0.5) as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Impact resistance	Class I as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Impact resistance	≥IR4	EN 13813:2002 / system 4
Coefficient of thermal expansion	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Chemical resistance	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Resistance to severe chemical attack	decrease in hardness < 50% as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Dangerous substances	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Adhesion on wet concrete	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Thermal compatibility	≥ 2.0 (1.5) N/mm² as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Compressive strength	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+
Crack bridging ability	NPD as a component of StoCretec OS 8.16	EN 1504-2:2004 / system 2+

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:

Signature Francisco Ramos

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

18.01.2024

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

Declaration of Performance 0103-6083-3

In accordance with EU-CPR no. 305/2011

0103-6083-3	**16**	**NB 1119 (system 2+)** **NB 0767 (system 3)**

PROD3554 StoPma RZ 500
EN 1504-2:2004
EN 13813:2002

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

EN 13813:
Synthetic resin screed material

Reaction to fire	E_{fl} (StoDok_20140624_2)
Reaction to fire	C_{fl} - s1 as a component of StoCretec OS 8.16
Bond strength	≥ B 1.5
Water vapour permeability	Class III as a component of StoCretec OS 8.16
Sound absorption coefficient α_w	NPD
Water permeability	NPD
Abrasion resistance	≤ AR1
Adhesion strength by pull-off test	≥ 2.0 (1.5) N/mm² as a component of StoCretec OS 8.16
Abrasion resistance	Mass loss < 3000 mg as a component of StoCretec OS 8.16
Antistatic behaviour	NPD as a component of StoCretec OS 8.16
Chemical resistance	NPD
Release of corrosive substances	SR
Cross cut test	NPD as a component of StoCretec OS 8.16
Slip resistance	Class III as a component of StoCretec OS 8.16
Artificial weathering	NPD as a component of StoCretec OS 8.16
Linear shrinkage	NPD as a component of StoCretec OS 8.16
Impact sound insulation	NPD

Thermal resistance	NPD
Resistance to temperature shock	NPD as a component of StoCretec OS 8.16
Capillary water absorption and water permeability	w < 0.1 kg/(m²*h0.5) as a component of StoCretec OS 8.16
Impact resistance	Class I as a component of StoCretec OS 8.16
Impact resistance	≥IR4
Coefficient of thermal expansion	NPD as a component of StoCretec OS 8.16
Chemical resistance	NPD as a component of StoCretec OS 8.16
Resistance to severe chemical attack	decrease in hardness < 50% as a component of StoCretec OS 8.16
Dangerous substances	NPD as a component of StoCretec OS 8.16
Adhesion on wet concrete	NPD as a component of StoCretec OS 8.16
Thermal compatibility	≥ 2.0 (1.5) N/mm² as a component of StoCretec OS 8.16
Compressive strength	NPD as a component of StoCretec OS 8.16
Carbon dioxide permeability	sd > 50 m as a component of StoCretec OS 8.16
Crack bridging ability	NPD as a component of StoCretec OS 8.16