Declaration of Performance for the building product

AHEAD MULTIPRIMER FLOOR

Unique identification code of the product-type	PROD3552 AHEAD MULTIPRIMER FLOOR
Intended use	EN 1504-2: Surface protection product – coating Protection against ingress (1.3) Physical resistance (5.1) Resistance to chemicals (6.1)
Manufacturer	Sto SE & Co. KGaA, Ehrenbachstr. 1, D-79780 Stühlingen
System/s of Assessment and Verification of Constancy of Performance	EN 1504-2: 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: ZA.1d, ZA.1f, ZA.1g
Notified body	EN 1504-2, System 2+:The notified body, QUALITÄTSGEMEINSCHAFT DEUTSCHE BAUCHEMIE E. V., identification number 0921, has carried out the initial inspection of the plant and the in-house production control as well as continuous monitoring and evaluation of the in-house production control in accordance with System 2+ and has issued the following:Attestation of conformity of the in-house production controlEN 1504-2, System 3: The notified body MPA Dresden GmbH, identification number 0767, has carried out the type test regarding the reaction to fire in accordance with System 3 and has issued the following: test report(s) (StoCretec surface protection system OS 8.5 with StoPox WG 100)
European Technical Assessment	Not relevant
Appropriate Technical Documentation	

Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B(fl) - s1	EN 1504-2:2004
Water vapour permeability	Class I	EN 1504-2:2004
Adhesion strength by pull-off test	≥2.0 (1.5) N/mm²	EN 1504-2:2004
Abrasion resistance	Mass loss < 3000 mg	EN 1504-2:2004

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Antistatic behaviour	NPD	EN 1504-2:2004
Cross cut test	NPD	EN 1504-2:2004
Slip resistance	Class III	EN 1504-2:2004
Artificial weathering	NPD	EN 1504-2:2004
Linear shrinkage	Cannot be determined	EN 1504-2:2004
Resistance to temperature shock	NPD	EN 1504-2:2004
Capillary water absorption and water permeability	w < 0.1 kg/(m²*$h^{0,5}$)	EN 1504-2:2004
Impact resistance	Class I	EN 1504-2:2004
Coefficient of thermal expansion	NPD	EN 1504-2:2004
Chemical resistance	NPD	EN 1504-2:2004
Resistance to severe chemical attack	decrease in hardness < 50%	EN 1504-2:2004
Dangerous substances	NPD	EN 1504-2:2004
Adhesion on wet concrete	NPD	EN 1504-2:2004
Thermal compatibility	≥2.0 (1.5) N/mm²	EN 1504-2:2004
Compressive strength	Cannot be determined	EN 1504-2:2004
Carbon dioxide permeability	sd >50 m	EN 1504-2:2004
Crack bridging ability	NPD	EN 1504-2:2004

The performance of the product conforms with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

P.p. Dr. Hans Klein/ Head of Approvals and Testing Procedures

Attachment: Safety Data Sheet

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Sto SE & Co. KGaA

Ehrenbachstraße 1

D-79780 Stühlingen

03-6081-0 **16**

PROD3552 AHEAD-MULTI PRIMER FLOOR
EN 1504-2: ZA.1d, ZA.1f, ZA.1g

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

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Reaction to fire	B(fl) - s1
Water vapour permeability	Class I
Adhesion strength by pull-off test	≥2.0 (1.5) N/mm²
Abrasion resistance	Mass loss < 3000 mg
Antistatic behaviour	NPD
Cross cut test	NPD
Slip resistance	Class III
Artificial weathering	NPD
Linear shrinkage Cannot be determined	Resistance to temperature shock NPD
Capillary water absorption and water permeability	w < 0.1 kg/(m²*h^{0,5})
Impact resistance	Class I
Coefficient of thermal expansion	NPD
Chemical resistance	NPD
Resistance to severe chemical attack	decrease in hardness < 50%
Dangerous substances	NPD
Adhesion on wet concrete	NPD
Thermal compatibility	≥2.0 (1.5) N/mm²
Compressive strength	Cannot be determined
Carbon dioxide permeability	sd >50 m
Crack bridging ability	NPD

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