

Declaration of performance

Product number 6490



Declaration of performance

according Annex III of the Regulation (EU) No 305/2011
amended by Commissions delegated Regulation (EU) No 574/2014

Declaration of conformity

according Statutory Instruments (UK) 2019 No. 465; 2020 No. 1359

for the product	Color PA Fill
No.	GBI-F 022-3
Unique identification code of the product-type	6490
Intended use/es	Surface protection products – Coating Protection against ingress (1.3) Moisture control (2.2) Increasing resistivity (8.2)
Manufacturer	Remmers GmbH Bernhard-Remmers-Str. 13 49624 Lönningen (DE) Distributor UKCA: Remmers (UK) Limited 1 & 2 Garden Suites, Coleshill Manor Campus, Birmingham B46 1DL (GB)
System/s of AVCP	System 2+ (for uses in buildings and civil engineering works) System 3 (for uses subject to reaction to fire regulations)
Harmonised standard	EN 1504-2:2004
Notified body/ies	Kiwa Polymer Institut GmbH Quellenstraße 3, 65439 Flörsheim-Wicker Notified Body 1119 British Board of Agrément 1st Floor Buliding 3, Hatters Lane, Croxley Park, Watford, WD 18 8YG Approved Body No 0836

The product is used in surface protection system:

Remmers OS 4-System:

consisting of components: Color PA Fill - Color PA

Remmers OS 5a-System:

consisting of components: Color PA Fill - Color Flex



Declared performance/s in system [Model OS 4 + OS 5a-System]

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical specification
Linear shrinkage	NPD	System 2+	EN 1504-2:2004
Coefficient of thermal expansion	NPD		
Cross cut	≤ GT 2		
Permeability to CO2	s _d > 50 m		
Water vapour permeability	class I		
Capillary absorption and permeability to water	w < 0,1 kg/m ² x t ^{0,5}		
Thermal compatibility	≥ 0,8 (0,5) N/mm ²		
Resistance to thermal shock	NPD		
Chemical resistance	NPD		
Crack bridging ability (only 5a)	B 2 (-20 C)		
Adhesion strength by pull off test	≥ 0,8 (0,5) N/mm ²	System 3	
Reaction to fire	class E		
Skid resistance	NPD	System 2+	
Artificial weathering	no visible defects		
Antistatic behaviour	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance & conformity is issued, in accordance with Regulation (EU) No 305/2011 and Statutory Instruments (UK) 2019 No. 465; 2020 No. 1359 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by

Remmers GmbH
R & D Building protection II

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i. V. Thorsten Kaup
(Department Manager)

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i. A. Georg Scheermann
(Technician, Team leader)

The declaration of performance was created electronically and is also valid without signature.

Löningen, 2024-05-05