

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	**Epoxy Primer PF**
No.	**GBIII 069_5**
Unique identification code of the product-type	1224
Intended use/es	**EN 1504-2:** Surface protection products – Coating Protection against ingress (1.3) Moisture control (2.2) Physical resistance (5.1) Resistance to chemicals (6.1) Increasing resistivity (8.2) **EN 13813:** Synthetic resin screed for internal uses
Manufacturer	Remmers GmbH Bernhard-Remmers-Str. 13 49624 Löningen (DE) **Distributor UKCA:** Remmers (UK) Limited 1 & 2 Garden Suites, Coleshill Manor Campus, Birmingham B46 1DL (GB)
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 internal uses)
Harmonised standard	EN 13813:2002 EN 1504-2:2004
Notified body/ies	Kiwa Polymer Institut GmbH Quellenstraße 3, 65439 Flörsheim-Wicker Notified Body 1119 TFI Aachen GmbH Notified Body 1658 British Board of Agrément 1st Floor Buliding 3, Hatters Lane, Croxley Park, Watford, WD 18 8YG Approved Body No 0836

EN 1504-2:
The product is used in the surface protection system :

Remmers Deck OS 8:
consisting of components: Epoxy Primer PF - Epoxy Color Top

Table 1: Performance in the system Remmers Deck OS 8

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Linear shrinkage	NPD	System 2+	EN 1504-2:2004
Compressive strength	NPD		
Coefficient of thermal expansion	NPD		
Abrasion resistance	weight loss < 3000 mg		
Cross cut	NPD		
Permeability to CO_2	s_D > 50 m		
Water vapour permeability	class III		
Capillary absorption and permeability to water	w < 0.1 kg/(m² x $h^{0.5}$)		
Thermal compatibility	≥ 2.0 (1.5)[1)] N/mm²		
Resistance to thermal shock	NPD		
Chemical resistance	NPD		
Resistance to severe chemical attack	reduction in hardness < 50 %		
Crack bridging ability	NPD		
Impact resistance	class I		
Adhesion strength by pull off test	≥ 2.0 (1.5)[1)] N/mm²		
Reaction to fire	class B_{fl}-s1	System 3	
Skid resistance	class III	System 2+	
Artificial weathering	NPD		
Antistatic behaviour	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		

[1)] *The value in brackets is the lowest accepted value of any reading*

EN 1504-2:
The product is used in the surface protection systems :

Remmers Deck OS 11a - II:
consisting of components: Epoxy Primer PF - PUR Color ZS - PUR Color VS - Epoxy Color Top or PUR Color Top OS

Remmers Deck OS 11b - II:
consisting of components: Epoxy Primer PF – PUR Color ZS - Epoxy Color Top

Table 2: Performance in the systems Remmers Deck OS 11a - II and Deck OS 11b - II

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Linear shrinkage	NPD	System 2+	EN 1504-2:2004
Compressive strength	NPD		
Coefficient of thermal expansion	NPD		
Abrasion resistance	weight loss < 3000 mg		
Cross cut	NPD		
Permeability to CO_2	s_D > 50 m		
Water vapour permeability	class III		
Capillary absorption and permeability to water	w < 0.1 kg/(m² x $h^{0.5}$)		
Thermal compatibility	≥ 1.5 (1.0)[1)] N/mm²		
Resistance to thermal shock	NPD		
Chemical resistance	NPD		
Resistance to severe chemical attack	reduction in hardness < 50 %		
Crack bridging ability	OS 11a-II B 4.2 (-20 °C) OS 11b-II B 3.2 (-20 °C)		
Impact resistance	class I		
Adhesion strength by pull off test	≥ 1.5 (1.0)[1)] N/mm²		
Reaction to fire	OS 11a-II class C_{fl}-s1 OS 11b-II class B_{fl}-s1	System 3	
Skid resistance	class III	System 2+	
Artificial weathering	NPD		
Antistatic behaviour	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		

[1)] *The value in brackets is the lowest accepted value of any reading*

EN 13813:

Table 3: Performance according to EN 13813

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Reaction to fire	E_{fl}	System 4	EN 13813:2002
Release of corrosive substances	SR		
Water permeability	NPD		
Wear resistance	≤ AR0.5		
Bond strength	≥ B1.5		
Impact resistance	≥ IR4		
Sound insulation	NPD		
Sound absorption	NPD		
Thermal resistance	NPD		
Chemical resistance	NPD		

Appropriate Technical Documentation and/or Specific Technical Documentation:
Appropriate Technical Documentation: **No. 1224-069**
Performance without further testing: **reaction to fire class E_{fl}**
Fulfilled requirements:
Maximum layer thickness: 10 mm
Organic content: < 75 % in weight

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 Floor Coatings

i. V. Dr. Ralph Bergs
(Department Manager)

i. A. Markus Wist
(Technican)

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

Löningen, 2024-06-24