



## 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

<b>for the product</b>	<b>Epoxy Primer PF</b>
<b>No.</b>	<b>GBIII 069_5</b>
<b>Unique identification code of the product-type</b>	1224
<b>Intended use/es</b>	<p><b>EN 1504-2:</b> 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)</p> <p><b>EN 13813:</b> Synthetic resin screed for internal uses</p>
<b>Manufacturer</b>	<p>Remmers GmbH Bernhard-Remmers-Str. 13 49624 Lönigen (DE)</p> <p><b>Distributor UKCA:</b> Remmers (UK) Limited 1 &amp; 2 Garden Suites, Coleshill Manor Campus, Birmingham B46 1DL (GB)</p>
<b>System/s of AVCP</b>	<p><b>EN 1504-2:</b> <b>System 2+</b> (for uses in buildings and civil engineering works) <b>System 3</b> (for uses subject to reaction to fire regulations) <b>EN 13813:</b> <b>System 4</b> (for internal uses)</p>
<b>Harmonised standard</b>	<p>EN 13813:2002 EN 1504-2:2004</p>
<b>Notified body/ies</b>	<p>Kiwa Polymer Institut GmbH Quellenstraße 3, 65439 Flörsheim-Wicker Notified Body 1119</p> <p>TFI Aachen GmbH Notified Body 1658</p> <p>British Board of Agrément 1st Floor Buliding 3, Hatters Lane, Croxley Park, Watford, WD 18 8YG Approved Body No 0836</p>



**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 <sub>2</sub>	s <sub>D</sub> > 50 m		
Water vapour permeability	class III		
Capillary absorption and permeability to water	w < 0.1 kg/(m <sup>2</sup> x t <sup>0.5</sup> )		
Thermal compatibility	≥ 2.0 (1.5) <sup>1)</sup> N/mm <sup>2</sup>		
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) <sup>1)</sup> N/mm <sup>2</sup>		
Reaction to fire	class B <sub>fl</sub> -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		

<sup>1)</sup> 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 <sub>2</sub>	s <sub>D</sub> > 50 m		
Water vapour permeability	class III		
Capillary absorption and permeability to water	w < 0.1 kg/(m <sup>2</sup> x h <sup>0.5</sup> )		
Thermal compatibility	≥ 1.5 (1.0) <sup>1)</sup> N/mm <sup>2</sup>		
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	System 3	
Adhesion strength by pull off test	≥ 1.5 (1.0) <sup>1)</sup> N/mm <sup>2</sup>		
Reaction to fire	OS 11a-II class C <sub>fl</sub> -s1 OS 11b-II class B <sub>fl</sub> -s1	System 2+	
Skid resistance	class III		
Artificial weathering	NPD		
Antistatic behaviour	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		

<sup>1)</sup> 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 <sub>fi</sub>	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<sub>fi</sub>**

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

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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