Declaration of performance

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

for the product	**Epoxy Top OS**
No.	**GBIII 006_6**
Unique identification code of the product-type	6076
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)
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	**QDB** Qualitätsgemeinschaft Deutsche Bauchemie e.V. Mainzer Landstr. 55, 60329 Frankfurt am Main Notified Body 0921

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

Remmers Deck OS 10 EP pro:
consisting of components: Epoxy Primer OS - PUA Hybrid OS pro - PUR Color VS OS pro - Epoxy Top OS

Table 1: Performance in the system Remmers Deck OS 10 EP pro

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 CO2	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	B 4.2 (-20 °C)		
Impact resistance	class I		
Adhesion strength by pull off test	≥ 1.5 (1.0)[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 13813:

Table 2: 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	NPD		
Bond strength	≥ B1.5		
Impact resistance	NPD		
Sound insulation	NPD		
Sound absorption	NPD		
Thermal resistance	NPD		
Chemical resistance	NPD		

Appropriate Technical Documentation and/or Specific Technical Documentation:
Appropriate Technical Documentation: **No. 6076-006**
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 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

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, 2024-12-05