



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 Primer OS

No.

GBIII 159_2

Unique identification code of the product-type

6057

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 Lönningen (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/(m ² x h ^{0.5})		
Thermal compatibility	≥ 2.0 (1.5) ¹⁾ N/mm ²		
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/mm ²		
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 _{fi}	System 4	EN 13813:2002
Release of corrosive substances	SR		
Water permeability	NPD		
Wear resistance	≤ A9		
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. 6057-159**

Performance without further testing: **reaction to fire class E_{fi}**

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

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

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i. A. Markus Wist
(Technician)

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

Löningen, 2024-12-05