

## DECLARATION OF PERFORMANCE

*according to Annex III of Regulation (EU) Nr. 305/2011  
amended by Commissions delegated Regulation (EU) Nr. 574/2014*

**No. CPR – DOP – 1001 D – EN**

**DEGADUR 112 / 430**

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1. Unique identification code of the product - type:

**EN 1504-2: ZA.1d, ZA.1f**

**EN 13813: SR – B2,0**

2. Intended use/s:

**EN 1504-2: Surface protection products – Coating**

**EN 13813: Synthetic resin screed for internal uses**

3. Manufacturer:

**Röhm GmbH  
Rodenbacher Chaussee 4  
D-63457 Hanau**

4. 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)**

5. Harmonised standard:

**EN 1504-2:2004  
EN 13813:2002**

6. Notified body/ies:

Kiwa Polymer Institut GmbH, identification number 1119,  
Certificate of conformity of the factory production control  
1119-CPR-1192

7. Declared performance/s:

**EN 1504-2:**

The product is used in surface protection system consisting of components:

DEGADUR 112

DEGADUR 430

**Table 1: Performance in system**

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical Specification
Lineare shrinkage	NPD		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 II		
Capillary absorption and permeability to water	w < 0,1 kg/(m <sup>2</sup> x h <sup>0,5</sup> )		
Thermal compatibility	NPD		
Resistance to thermal shock	NPD	System 2 +	
Chemical resistance	NPD		
Resistance to severe chemical attack	NPD		
Crack bridging ability	NPD		
Impact resistance	class I		
Adhesion strength by pull off test	≥ 2,0 N/mm <sup>2</sup>		
Reaction to fire	class E	System 3	
Skid resistance	NPD		
Artificial weathering	NPD		
Antistatic behavior	NPD	System 2+	
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		

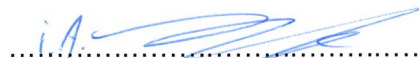
**Table 2: Performance according to EN 13813**

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical Specification
Reaction to fire	E <sub>fl</sub>	System 4	EN 13813:2002
Release of corrosive substances	SR		
Water permeability	NPD		
Wear resistance	NPD		
Bond strength	B 2,0		
Impact resistance	NPD		
Sound insulation	NPD		
Sound absorption	NPD		
Thermal resistance	NPD		
Chemical resistance	NPD		
Dangerous substances	NPD		

Performance without further testing: reaction on fire class E<sub>fl</sub>

8. 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:



Dr. Sven Bulk

Head of Technical Service & Sustainability

Darmstadt, May 15, 2025

## Annex

According to Art. 6 (5) of the Regulation (EU) Nr. 305/2011 a Safety Data sheet according Regulation (EU) Nr. 1907/2006 (REACH), Annex II is attached to this Declaration of Performance.

<p><b>CE</b></p> <p>- 1119 -</p>	
<p><b>Röhm GmbH</b> <b>Rodenbacher Chaussee 4</b> <b>D - 63457 Hanau-Wolfgang</b> <b>12</b></p>	
<p>CPR – DOP – 1001</p> <p>DIN EN 1504-2:2004 Surface protection products – Coating EN 1504-2: ZA.1d, ZA.1f</p>	
Abrasion resistance	weight loss < 3000 mg
Permeability to CO <sub>2</sub>	s <sub>D</sub> > 50 m
Water vapour permeability	Class II
Capillary absorption and permeability to water	w < 0,1 kg/(m <sup>2</sup> x h <sup>0,5</sup> )
Impact resistance	Class I
Adhesion strength by pull off test	≥ 2,0 N/mm <sup>2</sup>
Reaction to fire	Class E
<p>EN 13813:2002</p> <p>Synthetic resin screed for use internally in buildings EN 13813: SR – B2,0</p>	
Reaction to fire	E <sub>s</sub>
Release of corrosive substances	SR
Bond strength	≥ B2,0