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DECLARATION OF PERFORMANCE

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

Nr. CPR – DOP – 1000 L – EN

DEGADUR 420 - 527

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1. Unique identification code of the product - type:

EN 1504-2: ZA.1d, ZA.1f and ZA.1g

EN 13813: SR – B2,0 – AR0,5 – IR4

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

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6. Notified bodies:

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 420
DEGADUR 527

Table 1: Performance in system

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical Specification
Lineare 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	NPD		
Resistance to thermal shock	NPD		
Chemical resistance	NPD		
Resistance to severe chemical attac (group 3,10)	Reduction in hardness < 50 %		
Crack bridging ability	NPD		
Impact resistance	class I		
Adhesion strength by pull off test	≥ 2,0 N/mm²		
Reaction to fire	class E	System 3	
Skid resistance	NPD	System 2+	
Artificial weathering	NPD		
Antistatic behavior	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		

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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	AR 0,5		
Bond strength	B 2,0		
Impact resistance	IR 4		
Sound insulation	NPD		
Sound absorption	NPD		
Thermal resistance	NPD		
Chemical resistance	NPD		
Dangerous substances	NPD		

Performance without further testing: reaction on fire class E_{fl}

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:

i. A. .....
Dr. Alexander Klein
Director Applied Technology Road Marking & Flooring

i. A. .....
Janos Lotz
Manager Quality & Innovation

Hanau, August 15, 2019

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.

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CE

- 1119 -

Röhm GmbH
Rodenbacher Chaussee 4
D - 63457 Hanau-Wolfgang

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CPR – DOP – 1000

DIN EN 1504-2:2004
Surface protection products – Coating
EN 1504-2: ZA.1d, ZA.1f, ZA.1g

Abrasion resistance	weight loss < 3000 mg
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 $h^{0,5}$)
Resistance to severe chemical attac	Reduction in hardness < 50%
Impact resistance	Class I
Adhesion strength by pull off test	≥ 2,0 N/mm²
Reaction to fire	Class E

EN 13813:2002

Synthetic resin screed for use internally in buildings
EN 13813: SR – B2,0 – AR0,5 – IR4

Reaction to fire	E_{fl}
Release of corrosive substances	SR
Wear resistance	≤ AR0,5
Bond strength	≥ B2,0
Impact resistance	≥ IR4