DECLARATION OF PERFORMANCE

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

No. LE_GI 230_V03

Unique identification code of the product-type:	GI 230
Intended use/es:	EN 1504-2 Surface protection products – Coating Protection against ingress (1.3) Moisture control (2.2) Physical resistance (5.1) Increasing resistivity (8.2) EN 13813 Synthetic resin screed for internal uses
Manufacturer:	Gremmler Bauchemie GmbH Lise-Meitner-Strasse 5 46569 Hünxe
System/s of AVCP:	EN 1504-2: System 2+ (for uses in buildings and civil engineering works) EN 13813: System 4 (for internal uses)
Harmonised standard:	EN 1504-2:2004 EN 13813:2002
Notified body/ies:	Kiwa Polymer Institut, identification number 1119

Declared performance:

EN 1504-2:
The product is used in surface protection system consisting of components:
Primer: GI 115
Coating: GI 230

Table 1: Performance in system according to EN 1504-2

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	< 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/(m^2 x $h^{0,5}$)		
Thermal compatibility	NPD		
Resistance to thermal shock	NPD		
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 (1.5) N/mm²		
Reaction to fire	class E		
Skid resistance	NPD		
Artificial weathering	NPD		
Antistatic behaviour	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		

Table 2: Perfomance according to EN 13813

Essential characteristics	**Performance**	**System of assessment and verification of constancy of performance**	**Harmonised Technical specification**
Reaction to fire [1)]	class E_{fl}	System 4	EN 13813:2002
Release of corrosive substances	SR		
Water permeability	NPD		
Wear resistance	AR 1		
Bond strength	B 1.5		
Impact resistance	IR 4		
Sound insulation	NPD		
Sound absorption	NPD		
Thermal resistance	NPD		
Chemical resistance	NPD		

Appropriate Technical Documentation and/or Specific Technical Documentation:
Appropriate Technical Documentation: No. 2
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:

Dr. Hans-Otto Munz
Technical Manager

Hünxe, May, 7th 2021