

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 107-001_V01

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|---|---|
| Unique identification code of the product-type: | GI 107-001 |
| Intended use/es: | EN 1504-2 Surface protection products – Coating Physical resistance (5.1) 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 107-001

Sealing: GI 137-002

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 | | |
| Capillary absorption and permeability to water | $w < 0.1 \text{ kg}/(\text{m}^2 \times \text{h}^{0.5})$ | | |
| Thermal compatibility | NPD | | |
| Resistance to thermal shock | NPD | | |
| Crack bridging ability | NPD | | |
| Impact resistance | class I | | |
| Adhesion strength by pull off test | $\geq 2.0 (1.5) \text{ N}/\text{mm}^2$ | | |
| 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: Performance 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 _{fi} | 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. 1

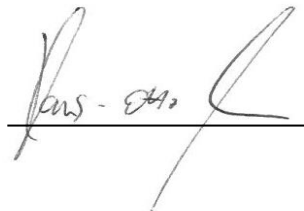
Performance without further testing: reaction to fire class E_{fi}

Fulfilled requirements: Maximum layer thickness: 4 mm; Organic content: 100 % 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, September, 10th 2019