

Declaration of Performance



Nafufill KM 250

Reference number of the Declaration of Performance: IN4417000

| | |
|---------------------------------------|--|
| 1. Unique ID code of the product type | Nafufill KM 250 |
| 2. Application(s) | Product for structural and non-structural repair for concrete Manual mortar application (3.1) Spraying concrete or mortar (3.3) Cross-section supplementation with mortar or concrete (4.4) Increasing cover to reinforcement with additional cementitious mortar of concrete (7.1) Replacing contaminated concrete (7.2) |
| 3. Manufacturer | MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany |
| 4. Authorized representative | MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany |
| 5. System of AVCP | System 1+ (voluntary*) System 2+ (for uses in buildings and civil engineering works) |
| 6. Harmonised standard | EN 1504-3: 2005 |
| 7. Notified body | *Kiwa GmbH MPA Berlin-Brandenburg ID number: 0770 Institut für Massivbau und Baustofftechnologie Universität Karlsruhe (TH) ID code 0754 |

8. Declared performances


| Essential characteristic | Performance | AVCP | harmonised technical specification |
|---|--|-----------|------------------------------------|
| Compressive strength | class R4 | System 2+ | EN 1504-3: 2005 |
| Chloride ion content | ≤ 0.05% | | |
| Adhesive power | ≥ 2.0 MPa | | |
| Resistance to carbonation | passed | | |
| Modulus of elasticity | ≥ 20 GPa | | |
| Thermal shock tolerance with freeze-thaw cycling and exposure to de-icing salts | ≥ 2.0 MPa | | |
| Thermal compatibility with thunder-shower cycling (thermal shock) | ≥ 2.0 MPa | | |
| Capillary water absorption | 0.098 kg/m ² · h ^{0.5} | | |
| Fire behaviour | A1 | | |
| Hazardous substances | EN 1504-3, pt. 5.4 | | |

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 (amended by Commissions delegated Regulation (EU) No 574/2014), under the soleresponsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

van Diemen
Leiter Chemische Entwicklung und Qualitätswesen

Bottrop, 25.07.2023
(place and date of issue)



(Unterschrift)

Annex

According to Art. 6 (5) of the Regulation (EU) No. 305/2011 a Safety Data sheet according Regulation (EU) No. 1907/2006(REACH), Annex II is attached to this Declaration of Performance.