

Declaration of Performance



Nafufill KM 180

Reference number of the Declaration of Performance: IN4433000

1. Unique ID code of the product type	Nafufill KM 180
2. Application(s)	Product for structural and non-structural repair for concrete Manual mortar application (3.1) Spraying concrete or mortar (3.3) 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+
6. Harmonised standard	EN 1504-3: 2005
7. Notified body	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 1+	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 Part 1	≥ 2.0 MPa		
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		
Creep under compressive stress	1.92 (final creep value)		
Capillary water absorption	0.14 kg/m ² h ^{0.5}		
Fire behaviour	A2 _{fl} -s1		
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, 12.10.2022
 (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.