

# DECLARATION OF PERFORMANCE

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

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**Reference number of the declaration of performance:** IN4417000

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**Unique identification code of the product-type:** Nafufill KM 250

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**Intended use:** **Product for structural and non-structural repair for concrete**  
Applying mortar by hand (3.1)  
Spraying concrete or mortar (3.3)  
Structural strengthening by adding mortar or concrete (4.4)  
Increasing cover to reinforcement with additional cementitious mortar or concrete (7.1)  
Replacing contaminated concrete (7.2)

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**Manufacturer:** MC-Bauchemie Müller GmbH & Co.KG  
Am Kruppwald 1-8  
46238 Bottrop

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**System of AVCP:** System 2+ (for uses in buildings and civil engineering works)

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**Harmonised standard:** EN 1504-3:2005

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**Notified body:** Institut für Massivbau und Baustofftechnologie  
Universität Karlsruhe (TH)  
Identification no: 0754

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## Declared performances:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical specification
Compressive strength	class R4	System 2+	EN 1504-3:2005
Chloride ion content	≤ 0.05 %		
Adhesive bond	≥ 2.0 MPa		
Restrained shrinkage/expansion	≥ 2.0 MPa		
Thermal compatibility Freeze-thaw	≥ 2.0 MPa		
Thermal compatibility	≥ 2.0 MPa		

Elastic modulus	≥ 20 GPa	System 2+	EN 1504-3:2005
Capillary absorption	0.098 kg x m <sup>2</sup> x h <sup>0.5</sup>		
Carbonation resistance	passed		
Creep in compression	2.29 (final creep value)		
Overhead application	≥ 2.0 MPa		
Reaction to fire	class A1		
Dangerous substances	EN 1504-3, Pkt. 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, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Dr. Hans-Günter Seltmann  
Head of research and development and quality control



Bottrop, 30.03.2016  
(place and date of issue)

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(signature)

**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.