

DECLARATION OF PERFORMANCE

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

**Reference number of the
declaration of performance:** IN4433000

Unique identification code of the product-type: Nafufill KM 180

Intended use: **Product for structural and non-structural repair for concrete**
Applying mortar by hand (3.1)
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)

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

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

Harmonised standard: EN 1504-3:2005

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

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 Thunder shower	≥ 2.0 MPa		

Elastic modulus	≥ 20 GPa	System 2+	EN 1504-3:2005
Capillary absorption	0.14 kg x m ² x h ^{0.5}		
Carbonation resistance	passed		
Creep in compression	1.92 (final creep value)		
Reaction to fire	class A2 _{fi} -s1		
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, 14.10.2016
(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.