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: IN4404020_20170817

Unique identification code of the product-type: ombran MHP rapid

Intended use: Cementitious coating for structural and non-structural repair of sewage structures

Applying mortar by hand (3.1)

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: Karlsruher Institut für Technologie (KIT)

Materialprüfungs- und Forschungsanstalt, MPA Karlsruhe

Identification no: 0754

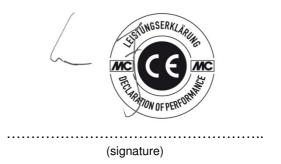
Declared performances:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Compressive strength	class R3 (≥ 25 MPa)	System 2+	EN 1504-3:2005
Chloride ion content	≤ 0.05 %		
Adhesive bond	≥ 1.5 MPa		
Restrained shrinkage/expansion	≥ 1.5 MPa		
Carbonation resistance	$d_k \le reference concrete$ (MC(0,45))		
Elastic modulus	≥ 15 GPa		
Thermal compatibility: freeze-thaw	≥ 1.5 MPa		
Capillary absorption	≤ 0.5 kg·m ⁻² ·h ^{-0.5}		
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. Carsten Zilg
Head of research and development and quality control



Bottrop, 17.08.2017 (place and date of issue)

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.