

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:** IN4404080_20170817

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

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

Applying mortar by hand (3.1)
Spraying mortar or concrete (3.3)

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	$d_k \leq$ reference concrete (MC(0,45))		
Elastic modulus	≥ 15 GPa		
Thermal compatibility: freeze-thaw	≥ 1.5 MPa		
Capillary absorption	$\leq 0.5 \text{ kg}\cdot\text{m}^{-2}\cdot\text{h}^{-0.5}$		
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)

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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.