

ombran MHP rapid

Reference number of the Declaration of Performance: IN4404020

1. Unique ID code of the product type	ombran MHP rapid
2. Application(s)	Cementitious coating for structural and non-structural repair of sewage structures - applying mortar by hand (3.1)
3. Manufacturer	MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany
4. Authorized representative	-
5. System of AVCP	System 2+ (for uses in buildings and civil engineering works)
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 R3 (≥ 25 MPa)	System 2+	EN 1504-3: 2005
Chloride ion content	$\leq 0,05$ %		
Adhesive power	≥ 1.5 MPa		
Restricted shrinkage/swelling	≥ 1.5 MPa		
Resistance to carbonation	$dK \leq$ reference concrete (MC (0.45))		
Modulus of elasticity	≥ 15 MPa		
Thermal shock tolerance with freeze-thaw cycling and exposure to de-icing salts	≥ 1.5 MPa		
Capillary water absorption	≤ 0.5 kg x m ⁻² x h ^{-0.5}		
Fire behaviour	A1		
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
Head of research and development and quality control

Bottrop, 28.05.2021
(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.