

Declaration of Performance



Oxal TKM-HS

Reference number of the Declaration of Performance: IN0078009

1. Unique ID code of the product type	Oxal TKM-HS
2. Application(s)	-
3. Manufacturer	MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany
4. Authorized representative	MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany
5. System of AVCP	System 2+ (for uses in buildings and civil engineering works)
6. Harmonised standard	DIN EN 988-2: 2017
7. Notified body	Baustoffüberwachungs- und Zertifizierungsverband Nordrhein-Westfalen e. V. ID code 0778 Baustoffüberwachungs- und Zertifizierungsverband Nord e. V. ID code 1106 BAU-ZERT Ost e. V. Bauprodukte Überwachungs- und Zertifizierungsverband Ost ID code 0790 Bayer. Baustoffüberwachungs- und Zertifizierungsverein – BAYBÜV – e. V. ID code 1497 Baustoffüberwachungsverein Transportbeton – Mörtel Mitte e. V. ID code 1568

8. Declared performances

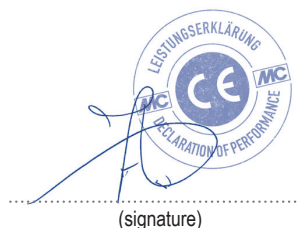
Essential characteristic	Performance	AVCP	harmonised technical specification
Chloride content	≤ 0.10 % by mass	System 2+	DIN EN 998-2: 2017
Durability (frost resistance)	Due to the existing experiences appropriate for moderate conditions according to DIN EN 998-2:2010 when applied properly.		
Compressive strength	M5		
Bond strength	Characteristic initial shear strength (shear strength): 0.15 N/mm ² (tabular value)		
Thermal conductivity	≤ 0.83 W/(mK) for P=50 % ≤ 0.93 W/(mK) for P=90 % (tabular value acc. EN 1745)		
Water absorption	≤ 0.40 kg/(m ² x min ^{0,5}) (tabular value)		
Water vapour permeability	15/35 (tabular value)		
Fire behaviour	A1		

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:

John van Diemen
Head of Research & Development and Quality

Bottrop, 13.10.2023
(place and date of issue)



(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.