

Declaration of Performance



Emckrete 50 A

Reference number of the Declaration of Performance: CI4813070

1. Unique ID code of the product type	Emckrete 50 A
2. Application(s)	Recasting with concrete (3.2) Cross-section supplementation with mortar or concrete (4.4) Increasing cover to reinforcement with additional cementitious mortar of concrete (7.1) Replacing contaminated concrete (7.2)
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	harmonised technical specification
Compressive strength	class R3	EN 1504-3: 2005
Chloride ion content	$\leq 0.05\%$	
Adhesive power	≥ 1.5 MPa	
Restricted shrinkage/swelling	≥ 1.5 MPa	
Resistance to carbonation	passed	
Thermal shock tolerance Part 1	≥ 1.5 MPa	
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:

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.