

## Centrament Expanding Agent

Reference number of the Declaration of Performance: 1485000

1. Unique ID code of the product type	Centrament Expanding Agent
2. Application(s)	Admixture for grouts for prestressing tendons - EN 934-4: T1
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 934-4: 2009+A1: 2012
7. Notified body	Institut für Massivbau und Baustofftechnologie Universität Karlsruhe (TH) ID code 0754  EN 934-4 T1

9. Declared performances


Essential characteristic	Performance	harmonised technical specification
Chloride content	Max. 0.10 M. %	EN 934-1
Alkaline content	Max 3,0 % by mass	
Corrosion behaviour	Contains components only from EN 934-1 : 2008, Annex A. 1	
Compressive strength	≥ 30 MPa after 28 days	EN 934-4 Table 1
Fluidity 30 min. after mixing	Funnel method ≤ 25 s.	
Volume change after 24 h	0% ≤ S ≤ 5%, where S is the change in volume	
Water secretion (bleeding)	≤ 2% of the original volume after 3h	
Hazardous substances	EGVO 1907/2006 see safety data sheet	EGVO

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.