



## DECLARATION OF PERFORMANCE

According Annex III of the Regulation (EU) No 305/2011 amended by Commissions delegated Regulation (EU) No 574/2014

**Nr.: 1570044**

Unique identification code of the product-type: **Centrament HM 20**

Batch number: **see packing of the product**

Intended use: **Air entraining admixture for concrete – EN 934-2:T9**

Manufacturer: **MC-Bauchemie Müller GmbH & Co. KG**  
**Am Kruppwald 1-8, 46238 Bottrop**

System of AVCP: **System 2+**

Harmonised standard: **EN 934-2:2009+A1:2012**

Notified body: **Materialprüfungs- und Forschungsanstalt, MPA Karlsruhe (Kenn-Nr. 0754)**

The notified body Materialprüfungs- und Forschungsanstalt, MPA Karlsruhe (identification no.0754), performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued: a certificate of conformity of the factory production control.

The product Centrament HM 20 meets the requirements of EN 934-2 table 9. An initial type testing report has been issued. The factory production control has been certified by notified body.

Certificate of conformity of the factory production control No. 0754-CPR

Essential characteristics	Performance	Harmonised Technical specification
<b>Chloride ion content</b>	max. 0,10 M.-% by mass	EN 934-1
<b>Alkali content</b>	max. 2,0 M.-% by mass	EN 934-1
<b>Corrosion behaviour</b>	Contains components only from EN 934-1: 2008, Annex A.1	EN 934-1
<b>Capillary absorption</b>	Tested for 7 days after 7 days curing: test mix ≤ 50 % by mass of control mix Tested for 28 days after 90 days curing: test mix ≤ 60 % by mass of control mix	EN 934-2 T9
<b>Compressive strength</b>	At 28 days: test mix ≥ 85 % of control mix	EN 934-2 T9
<b>Air content (entrained air)</b>	Test mix ≤ 4 % by volume above control mix	EN 934-2 T9
<b>Dangerous substances</b>	EGVO 1907/2006 see safety data sheet	EGVO

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility  
MC-Bauchemie Müller GmbH & Co. KG.

Signed for and on behalf of the manufacturer by:



Bottrop, 17. July 2017

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Dr. Carsten Zilg  
Head of quality management

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Place and date of issue