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### DECLARATION OF PERFORMANCE

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

**Nr.: 1751000**

Unique identification code of the product-type: **MC-PowerFlow evo 501**

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

Intended use: **High range water reducing admixtures/superplasticizing admixture for concrete – EN 934-2:T 3.1/3.2; EN 934-2: T 2**

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 **MC-PowerFlow evo 501** meets the requirements of EN 934-2 table 3.1, table 3.2; table 2. 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    |
|--|--|---------------------------------------|
| Chlorid ion content                                      | max. 0,10 % by mass  | EN 934-1                              |
| Alkali content   | max. 2,0 % by mass   | EN 934-1                              |
| Corrosion behaviour                                      | Contains components only from EN 934-1:2008 Annex A.1  | EN 934-1                              |
| Compressive strength at water reduction                  | At 1 day: test mix $\geq$ 140 % of control mix<br>At 28 days: test mix $\geq$ 115 % of control mix | EN 934-2:2009 + A1:2012 table 3.1     |
| Compressive strength at increase in consistence          | At 28 days: test mix $\geq$ 90 % of control mix  | EN 934-2:2009 + A1:2012 table 3.2     |
| Compressive strength                                     | At 7 and 28 days: test mix $\geq$ 110 % of control mix   | EN 934-2:2009 + A1:2012 table 2       |
| Air content in fresh concrete at water reduction         | Test mix $\leq$ 2 % by volume above control mix  | EN 934-2:2009 + A1:2012 table 2 + 3.1 |
| Air content in fresh concrete at increase in consistence | Test mix $\leq$ 2 % by volume above control mix  | EN 934-2:2009 + A1:2012 table 3.2     |
| Water reduction  | In test mix $\geq$ 12 % compared with control mix  | EN 934-2:2009 + A1:2012 table 3.1     |
| Water reduction  | In test mix $\geq$ 5 % compared with control mix   | EN 934-2:2009 + A1:2012 table 2       |
| Increase in consistence                                  | Increase in flow $\geq$ 160 mm from initial (350 $\pm$ 20) mm                                      | EN 934-2:2009 + A1:2012 table 3.2     |



|                                 |  |                                   |
|---------------------------------|--|-----------------------------------|
| <b>Retention of consistence</b> | 30 min after the addition the consistence of the test mix shall not fall below the value of the initial consistence of the control mix | EN 934-2:2009 + A1:2012 table 3.2 |
| <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:

  
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John van Diemen  
Head of quality management

Bottrop, 20. Dezember 2019

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Place and date of issue