



### DECLARATION OF PERFORMANCE

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

Nr.: 1319500

Unique identification code of the product-type: **MC-PowerFlow 5695**

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 5695 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
<b>Chlorid ion content</b>	max. 0,10 % by mass	EN 934-2:2009 + A1:2012
<b>Alkali content</b>	max. 2,0 % by mass	EN 934-2:2009 + A1:2012
<b>Corrosion behaviour</b>	Contains components only from EN 934-1:2008 Annex A.1	EN 934-2:2009 + A1:2012
<b>Compressive strength at water reduction</b>	At 1 day: test mix $\geq$ 140 % of control mix At 28 days: test mix $\geq$ 115 % of control mix	EN 934-2:2009 + A1:2012 table 3.1
<b>Compressive strength at increase in consistence</b>	At 28 days: test mix $\geq$ 90 % of control mix	EN 934-2:2009 + A1:2012 table 3.2
<b>Compressive strength</b>	At 7 and 28 days: test mix $\geq$ 110 % of control mix	EN 934-2:2009 + A1:2012 table 2
<b>Air content in fresh concrete at water reduction</b>	Test mix $\leq$ 2 % by volume above control mix	EN 934-2:2009 + A1:2012 table 3.1
<b>Air content in fresh concrete at increase in consistence</b>	Test mix $\leq$ 2 % by volume above control mix	EN 934-2:2009 + A1:2012 table 3.2
<b>Water reduction</b>	In test mix $\geq$ 12 % compared with control mix	EN 934-2:2009 + A1:2012 table 3.1
<b>Water reduction</b>	In test mix $\geq$ 5 % compared with control mix	EN 934-2:2009 + A1:2012 table 2
<b>Increase in consistence</b>	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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Dr. Carsten Zilg  
Head of quality management

Bottrop, 27. March 2017

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Place and date of issue