

## MC-PowerFlow 1113

Reference number of the Declaration of Performance: 1148000

1. Unique ID code of the product type	MC-PowerFlow 1113
2. Application(s)	High range water reducing admixtures/superplasticizing admixture for concrete - EN 934-2:T 3.1/3.2; EN 934-2: T2
3. Manufacturer	MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany
4. Authorized representative	MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany
5. System of AVCP	System 2+ (for uses in buildings and civil engineering works)
6. Harmonised standard	-
7. Notified body	Institut für Massivbau und Baustofftechnologie Universität Karlsruhe (TH) ID code 0754

8. Declared performances


Essential characteristic	Performance	harmonised technical specification
Chloride content	max. 0.10% by mass	EN 934-1
Alkaline content	max. 0.5 % by mass	
Corrosion behaviour	Contains components only from EN 934-1 : 2008, Annex A.1	
Compressive strength with reduction in water requirement	at 1 day: $\geq 140$ % of control mix at 28 days: test mix $\geq 115$ % of control mix	EN 934-2: 2009 + A1: 2012 Table 3.1
Reduction in water requirement	with test mixture $\geq 12$ % in comparison with control mixture	
Compressive strength with enhancement of consistency	After 28 days: Test mixture $\geq 90$ % of the control mixture	EN 934-2: 2009 + A1: 2012 Table 3.2
Enhancement of consistency	Increase in flow $\geq 160$ mm from initial (350 $\pm$ 20) mm	
Air content of the fresh concrete with enhancement of consistency	Test mixture $\leq 2$ % by volume above the control mixture	
Compressive strength	after 7 and 28 days: Test mixture $\geq 110$ % of the control mixture	EN 934-2: 2009 + A1: 2012 Table 2
Reduction in water requirement	with test mixture $\geq 5$ % in comparison with control mixture	
Air content of the fresh concrete with reduction in water requirement	Test mixture $\leq 2$ % by volume above the control mixture	EN 934-2: 2009 + A1: 2012 Table 2 + 3.1

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)

  
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 (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.