

MC-PowerFlow 2235

Reference number of the Declaration of Performance: 1166000

1. Unique ID code of the product type	MC-PowerFlow 2235
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	-
5. System of AVCP	System 2+ (for uses in buildings and civil engineering works)
6. Harmonised standard	EN 934-2: 2009+A1: 2012
7. Notified body	Institut für Massivbau und Baustofftechnologie Universität Karlsruhe (TH) ID code 0754 EN 934-2 T3.1, T3.2; T2

8. Declared performances

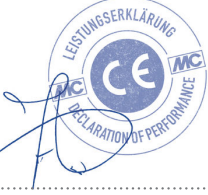
Essential characteristic	Performance	harmonised technical specification
Chloride content	max. 0.10% by mass	EN 934-1
Alkaline content	max. 1.0 % by mass	
Corrosion behaviour	Contains components only from EN 934-1 : 2008, Annex A.1	
Compressive strength with reduction in water requirement	at 1 day: ≥ 140 % of control mix at 28 days: test mix ≥ 115 % of control mix	EN 934-2: 2009 + A1: 2012 Table 3.1
Air content of the fresh concrete with reduction in water requirement	Test mixture $\leq 2\%$ by volume above the control mixture	
Reduction in water requirement	with test mixture ≥ 12 % in comparison with control mixture	
Compressive strength	after 7 and 28 days: Test mixture ≥ 110 % of the control mixture	EN 934-2: 2009 + A1: 2012 Table 2 + 3.1
Air content of the fresh concrete with reduction in water requirement	Test mixture $\leq 2\%$ by volume above the 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
Air content of the fresh concrete with enhancement of consistency	Test mixture ≤ 2 % by volume above the control mixture	
Compressive strength	after 7 and 28 days: Test mixture ≥ 110 % of the control mixture	EN 934-2: 2009 + A1: 2012 Table 2
Air content of the fresh concrete with reduction in water requirement	Test mixture $\leq 2\%$ by volume above the control mixture	
Reduction in water requirement	with test mixture ≥ 5 % in comparison with control mixture	
Hazardous substances	Regulation (EC) No. 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:

John van Diemen
Head of Research & Development and Quality

Bottrop, 13.10.2023
(place and date of issue)



(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.