

## Murasan Hydrotech 21

Reference number of the Declaration of Performance: 1361000

1. Unique ID code of the product type	Murasan Hydrotech 21
2. Application(s)	Water resisting admixture according to EN 934-2: T9
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: T9

8. Declared performances


Essential characteristic	Performance	AVCP	harmonised technical specification
Chloride content	max. 0.10% by mass	System 2+	EN 934-1
Alkaline content	max. 1.5 % by mass		
Corrosion behaviour	Contains components only from EN 934-1 : 2008, Annex A.1		
Compressive strength	after 28 days: Test mixture $\geq$ 85 % of the control mixture	System 2+	EN 934-2 Table 9
Capillary water absorption	Tested for 7 days after 7 days curing: test mix $\leq$ 50 % by mass of control mix Tested for 28 days after 90 days curing: test mix $\leq$ 60 % by mass of control mix		
Air content of the fresh concrete	Test mixture $\leq$ 2 % by volume above the control mixture		
Hazardous substances	Regulation (EC) No. 1907/2006, see safety data sheet	System 2+	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.