

# DECLARATION OF PERFORMANCE

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

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**Reference number of the declaration of performance:** IN5005001

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**Unique identification code of the product-type:** MC-CarboSolid 1209

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**Intended use:** Structural bonding  
Bonded plate reinforcement (4.3)

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**Manufacturer:** MC-Bauchemie Müller GmbH & Co.KG  
Am Kruppwald 1-8  
46238 Bottrop

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**System of AVCP:** System 2+ (for uses in buildings and civil engineering works)

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**Harmonised standard:** EN 1504-4:2004

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**Notified body:** Institut für Massivbau und Baustofftechnologie  
Universität Karlsruhe (TH)  
Identification no: 0754

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## Declared performances:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical specification
E-module under bending	$\geq 2000$ MPa	System 2+	EN 1504-4:2004
Open time	75 min		
Workable time	40 min		
E-module under pressure	$\geq 2000$ MPa		
Glass transition temperature	$\geq 40$ °C		
Thermal expansion coefficient	$\leq 100 \times 10^{-6}$ je K		
Usability under special environmental conditions	Slant shear strength at 50° $\geq 50$ MPa 60° $\geq 60$ MPa 70° $\geq 70$ MPa		

Bond/adhesion strength	Pull of strength $\geq 14$ MPa Slant shear strength at 50° $\geq 50$ MPa 60° $\geq 60$ MPa 70° $\geq 70$ MPa	System 2+	EN 1504-4:2004
Reaction to fire	class E		
Release of dangerous substances	EN 1504-4, Pkt. 5.4		

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, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

John van Diemen  
Head of research and development and quality control



Bottrop, 31.03.2020  
(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.