

# DECLARATION OF PERFORMANCE

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

**Reference number of the  
declaration of performance:** IN5002001

**Unique identification code of the product-type:** MC-CarboSolid 1280

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

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

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

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

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

## 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
Shear strength	$\geq 12$ MPa		
Open time	75 min		
Workable time	30 min		
E-module under pressure	$\geq 2000$ MPa		
Coefficient of thermal expansion	$\leq 100 \cdot 10^{-6}$ per K		
Glass transition temperature	$\geq 40$ °C		
Shrinkage/Expansion	$\leq 0.1$ %		
Usability for vertical surfaces and ceilings	surface inclination $\leq 1$ mm		

Usability under special environmental conditions	Slant shear strength at 50° ≥ 50 MPa 60° ≥ 60 MPa 70° ≥ 70 MPa	System 2+	EN 1504-4:2004
Bond/adhesion strength	Pull of strength ≥ 14 MPa Slant shear strength at 50° ≥ 50 MPa 60° ≥ 60 MPa 70° ≥ 70 MPa		
Reaction to fire	class E		
Durability	Fulfilled		
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.