

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:** IN5499001

Unique identification code of the product-type: MC-FLEX 2097

Intended use: Surface protection products – Coating
Protection against ingress (1.3)
Moisture control (2.2)
Physical resistance (5.1)
Resistance to chemicals (6.1)
Increasing resistivity (8.2)

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 1504-2:2004

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

Declared performances:

| Essential characteristics | Performance | Harmonised technical specification |
|--|--|------------------------------------|
| Abrasion resistance | < 3000 mg | EN 1504-2:2004 |
| Permeability to CO ₂ | $s_D > 50 \text{ m}$ | |
| Permeability to water vapour | class III | |
| Capillary absorption and permeability to water | $w < 0,1 \text{ kg/m}^2 \times \text{h}^{0,5}$ | |
| Chemical resistance | < 50% | |
| Crack bridging ability | class A4 | |
| Impact resistance | class II ($\geq 10 \text{ Nm}$) | |
| Adhesion strength by pull-off test | $\geq 1,5 (1,0)^1 \text{ N/mm}^2$ | |

| Essential characteristics | Performance | Harmonised technical specification |
|---------------------------------|-----------------------|------------------------------------|
| Reaction to fire | class E _{fl} | |
| Release of dangerous substances | EN 1504-2, Pkt. 5.3 | |

¹⁾The value in brackets is the lowest accepted value of any reading

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:

Dr. Hans-Günter Seltmann
Head of research and development and quality control

Bottrop, 23.03.2016
(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.