

Declaration of Performance



MC-DUR 3500 A

Reference number of the Declaration of Performance: IN5610000

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|---------------------------------------|--|
| 1. Unique ID code of the product type | MC-DUR 3500 A |
| 2. Application(s) | Surface protection products – Coating Protection against ingress (1.3) Moisture control (2.2) Physical resistance (5.1) Increasing resistivity (8.2) Synthetic resin screed for internal uses |
| 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) System 4 |
| 6. Harmonised standard | EN 1504-2: 2004 |
| 7. Notified body | Institut für Massivbau und Baustofftechnologie Universität Karlsruhe (TH) ID code 0754 |

8. Declared performances


| Essential characteristic | Performance | harmonised technical specification |
|--|---|------------------------------------|
| Compressive strength | class II ($\geq 50 \text{ N/mm}^2$) | EN 1504-2: 2004 |
| Wear resistance | < 3000 mg | |
| CO2 permeability | sD > 50 m | |
| Water vapour permeability | class II | |
| Capillary water absorption | $w < 0,1 \text{ kg/m}^2 \times h^{0,5}$ | |
| Impact strength | class III ($\geq 20 \text{ Nm}$) | |
| Tear-off test to determine adhesive strength | $\geq 1,5 (1,0) 1) \text{ N/mm}^2$ | |
| Fire behaviour | class E _{fl} | |
| Hazardous substances | EN 1504-2, Pkt. 5.3 | |
| Fire behaviour | E _{fl} | EN 13813: 2017-03 |
| Release of corrosive substances | SR | |
| Impact strength | IR20 | |
| Tensile strength | B1,5 | |
| Wear resistance | AR1 | |

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:

van Diemen
Head of research and development and quality control

Bottrop, 28.05.2021
(place and date of issue)



(Unterschrift)

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.