

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:** IN5106732

Unique identification code of the product-type: MC-DUR 1252

Intended use: 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

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)
System 4 (for internal uses)

Harmonised standard: EN 1504-2:2004
EN 13813:2002

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

Declared performances:

| Essential characteristics | Performance | Harmonised technical specification |
|---------------------------------|------------------------------------|------------------------------------|
| Linear shrinkage | ≤ 0,3% | EN 1504-2:2004 |
| Compressive strength | class II (≥ 50 N/mm ²) | |
| Abrasion resistance | < 3000 mg | |
| Permeability to CO ₂ | s _D > 50 m | |
| Water vapour permeability | class II | |

| Essential characteristics | Performance | Harmonised technical specification |
|--|--|------------------------------------|
| Capillary absorption and permeability to water | $w < 0,1 \text{ kg/m}^2 \times \text{h}^{0,5}$ | |
| Adhesion after thermal compatibility | $\geq 2,0 \text{ (1,5) N/mm}^2$ | |
| Crack bridging ability | class A1 (21° C) | |
| Impact resistance | class III ($\geq 20 \text{ Nm}$) | |
| Adhesion strength by pull-off test | $\geq 1,5 \text{ (1,0)}^1 \text{ N/mm}^2$ | |
| Reaction to fire | class B _{fl} –s1 | |
| Slip/skid resistance | class III | |
| Release of dangerous substances | EN 1504-2, Pkt. 5.3 | |

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

| Essential characteristic | Performance | Harmonised technical specification |
|---------------------------------|---------------------------|------------------------------------|
| Reaction to fire | class B _{fl} –s1 | EN 13813:2002 |
| Release of corrosive substances | SR | |
| Wear resistance | AR1 | |
| Bond strength | B1,5 | |
| Impact resistance | IR20 | |


a) According to Commission Decision 2010/85/EU of 9 February 2010 the product fulfils the reaction-to-fire performance class E/Efl without further testing

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 soleresponsibility 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.