

# 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:** IN5129732

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**Unique identification code of the product-type:** MC-DUR 1850 ESD

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**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

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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)  
System 4 (for internal uses)

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

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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	Harmonised technical specification
Abrasion resistance	< 3000 mg	EN1504-2:2004
Permeability to CO <sub>2</sub>	$s_D > 50$ m	
Water vapour permeability	class II	
Capillary absorption and permeability to water	$w < 0,1 \text{ kg/m}^2 \times \text{h}^{0,5}$	
Crack bridging ability	class A1 (21° C)	

Essential characteristics	Performance	Harmonised technical specification
Impact resistance	class II ( $\geq 10$ Nm)	
Adhesion strength by pull-off test	$\geq 1,0$ (0,7) <sup>1)</sup> N/mm <sup>2</sup>	
Reaction to fire	class E <sub>fl</sub>	
Antistatic behavior	class I	
Behaviour after artificial weathering	EN 1504-2, Pkt. 5.3	

<sup>1)</sup>The value in brackets is the lowest accepted value of any reading

Essential characteristic	Performance	Harmonised technical specification
Reaction to fire	Efl <sup>a)</sup>	EN 13813:2002
Release of corrosive substances	SR	
Wear resistance	AR1	
Bond strength	B1,5	
Impact resistance	IR4	

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 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.