

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:** IN5180001

Unique identification code of the product-type: MC-DUR 1390 VK

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 I	

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	$\geq 2,0 (1,5)^{1)} \text{ N/mm}^2$	
Impact resistance	class I ($\geq 4 \text{ Nm}$)	
Adhesion strength by pull-off test	$\geq 1,5 (1,0)^{1)} \text{ N/mm}^2$	
Reaction to fire	E _{fl}	
Behaviour after artificial weathering	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	E _{fl} ^{a)}	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/E_{fl} 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, 19.12.2016
(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.