

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: IN5648070

Unique identification code of the product-type: MC-DUR 2500 KS

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)

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

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 I (≥ 35 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	$w < 0,1 \text{ kg/m}^2 \times \text{h}^{0,5}$	
Chemical resistance	< 50%	
Impact resistance	class II ($\geq 10 \text{ Nm}$)	
Adhesion strength by pull-off test	$\geq 1,5 (1,0)^{1)} \text{ N/mm}^2$	
Reaction to fire	class B _{fl}	
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	Bfl^{a)}	EN 13813:2002
Release of corrosive substances	SR	
Wear resistance	AR1	
Bond strength	B1,5	
Impact resistance	IR15	

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.