

Declaration of Performance



MC-DUR PowerCoat 240

Reference number of the Declaration of Performance: IN5691010

1. Unique ID code of the product type	MC-DUR PowerCoat 240
2. Application(s)	Surface protection product 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)
6. Harmonised standard	EN 1504-2: 2004 EN 13813: 2002
7. Notified body	Institut für Massivbau und Baustofftechnologie Universität Karlsruhe (TH) ID code 0754

8. Declared performances

Essential characteristic	Performance	harmonised technical specification
Linear shrinkage	$\leq 0.3\%$	EN 1504-2: 2004
Compressive strength	class I ($\geq 35 \text{ N/mm}^2$)	
Wear resistance	$< 3000 \text{ mg}$	
CO ₂ permeability	$S_d > 50 \text{ m}$	
Water vapour permeability	class II $5 \text{ m} \leq S_D \leq 50 \text{ m}$	
Capillary water absorption	$< 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$	
Resistance to chemicals	$< 50 \%$	
Resistance to strong chemical attack	$< 50 \%$	
Impact strength	class II ($\geq 10 \text{ Nm}$)	
Tear-off test to determine adhesive strength	$> 1.5 (1.0) 1) \text{ N/mm}^2$	
Fire behaviour	B _{fl} -s1	
Hazardous substances	EN 1504-2, pt. 5.3	
Fire behaviour	B _{fl} -s1	EN 13813: 2017-03
Release of corrosive substances	SR	
Impact strength	$\geq \text{IR15}$	
Adhesive tensile strength	$\geq \text{B } 1.5$	
Wear resistance	$\leq \text{AR } 1$	

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:

John van Diemen
Head of Research & Development and Quality

Bottrop, 08.02.2025
(place and date of issue)


(signature)

