

Declaration of Performance



MC-DUR PowerCoat 280

Reference number of the Declaration of Performance: IN5690010

1. Unique ID code of the product type	MC-DUR PowerCoat 280
2. Application(s)	Surface protection product coating Protection against ingress (1.3) Moisture control (2.2) Physical resistance (5.1) Part 4: Pedestrian walkway joint sealants (suitable for use in cold climates) 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 II ($\geq 50 \text{ N/mm}^2$)	
Wear resistance	$< 3000 \text{ mg}$	
CO ₂ permeability	$S_d > 50 \text{ m}$	
Water vapour permeability	class II $5 \text{ m} \leq S_D$	
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	IR4	
Adhesive tensile strength	$\geq B 1.5$	
Wear resistance	$\leq AR 1$	

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, 24.04.2025
(place and date of issue)


(signature)

