

# Declaration of Performance



## MC-DUR 111 eco

Reference number of the Declaration of Performance: IN5189732

1. Unique ID code of the product type	MC-DUR 111 eco
2. Application(s)	Protection against ingress (1.3) Moisture control (2.2) Physical resistance (5.1)
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
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
Wear resistance	$< 3000 \text{ mg}$	
Cross-cut test to determine adhesive strength	$\leq \text{GT2}$	
CO <sub>2</sub> permeability	$S_d > 50 \text{ m}$	
Water vapour permeability	class I $S_D < 5 \text{ m}$	
Capillary water absorption	$< 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$	
Freeze-thaw cycling with de-icing salt attack	No blisters, no cracks, no spalling	
Ageing: 7 days at 70 °C	Rigid systems without traffic load: $\geq 1.0$ (0.7)	
Resistance to chemicals	no visible defects	
Resistance to strong chemical attack	Reduction in hardness of less than 50 %	
Impact strength	class I: $\geq 4 \text{ Nm}$	
Tear-off test to determine adhesive strength	$\geq 1.5$ (1.0) $\text{N/mm}^2$	
Fire behaviour	B <sub>fl</sub> -s1	
Hazardous substances	EN 1504-2, pt. 5.3	

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, 02.04.2025  
(place and date of issue)

  
(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.