

Declaration of Performance



MC-Proof one

Reference number of the Declaration of Performance: CI3412000E

1. Unique ID code of the product type	MC-Proof one
2. Application(s)	Waterproofing of buildings in new and existing buildings or partial roof repair
3. Manufacturer	MC-Bauchemie Müller GmbH & Co. KG Am Kruppwald 1-8 46238 Bottrop / Germany
4. Authorized representative	-
5. System of AVCP	System 3
6. Harmonised standard	Europäische Technische Bewertung ETA-18/0325
7. Notified body	Kiwa Nederland B.V. Sir Winston Churchillaan 273 NL-2288 EA Rijswijk No. C002

8. Declared performances

Essential characteristic	Performance	AVCP	harmonised technical specification
Crack-bridging capacity	Class CB2	System 3	
Resistance to rain	No colouring of run-off water or deteriorations in quality		
Resistance to water	No colouring of run-off water or deteriorations in quality		
Durability in water storage by testing the bond strenght	No time-depending decrease in bond strength and no detachment or formation of blisters mean value of bond strenght after 56 days: 1,06 N/mm ²		
Water vapour permeability	$\mu\text{H}_2\text{O} \geq 14050$		
CO ₂ permeability	Sd CO ₂ > 200 m		
Water impermeability	Water tightness for > 40 h, a slit width of 5 mm and a pressure of 2 bar		
Compressive strength	Class C2B		
Water tightness in end use conditions	The specimens remain water-tight, no wet areas were recorded during the test and no blisters or detachments at the edges were recorded at the end of the test. The bond strength after testing was: 1,36 N/mm ²		
Resistance to freeze-thaw cycling	Mean value of bond strength 0,70 N/mm ²		
Dry layer thickness	Wet film thickness: 4,0 mm Arithmetic average: 3,0 mm Standard deviation: 0,118 mm Consumption: 1,5 kg/m ² per mm dry film thickness		
Flexibility at low temperatures	No cracks in the bending tensile zone		
Determination of water tightness in end use conditions	No leakage of all intended uses and corresponding pressures according to EAD 030295-00-0605 For the sealing system the following tapes were uses MC-FastTape		

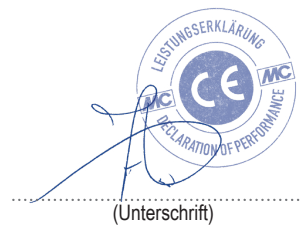
Essential characteristic	Performance	AVCP	harmonised technical specification
	MC-FastTape IE MC-FastTape AE	System 3	
Fire behaviour	Class E		
	NPD		

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:

van Diemen
Head of research and development and quality control

Bottrop, 28.05.2021
(place and date of issue)



(Unterschrift)

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.