

DECLARATION OF PERFORMANCE

No. CI3411060E

1. Unique identification code of the product-type:
MC-Proof eco
2. Intended use or uses of the construction product:
Waterproofing of buildings in new and existing buildings or partial roof repair.
3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
MC-Bauchemie Müller GmbH & Co. KG
Chemische Fabriken
Am Kruppwald 1-8
46238 Bottrop
4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 3
5. Declaration of performance concerning a construction product covered by an European Technical Approval:

ETA-18/0324

6. Notified body:

Kiwa Nederland B.V.
Sir Winston Churchilllaan 273
NL-2288 EA Rijswijk
No. C002

7. Declared performance

Essential characteristic	Performance
Reaction to fire	Class E
Crack-bridging properties	Class CB2
Resistance to rain	No colouring of run-off water or deteriorations in quality
Water resistance	No colouring of water or deteriorations in quality
Durability in water storage by testing the bond strength	No time-depending decrease in bond strength and no detachment or formation of blisters mean value of bond strength after 56 days: 0,75 N/mm ²
Water vapour transmission	$\mu\text{H}_2\text{O} \geq 849$
Determination of carbon dioxide permeability	$S_d \text{CO}_2 > 200 \text{ m}$
Determination of water tightness	Water tightness for > 75 h, a slit width of 5 mm and a pressure of 2 bar
Resistance to compression	Class C2A
Water tightness in end use conditions	The specimens remain watertight, 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 0,60 N/mm ²
Freeze-Thaw resistance	Mean value of bond strength 0,6 N/mm ²
Dry film thickness	Wet film thickness: 4,0 mm Arithmetic average: 3,5 mm Standard deviation: 0,073 mm Consumption: 1,4 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 used MC-FastTape MC-FastTape IE MC-FastTape AE

Essential characteristic	Performance
Environmental impact categories	NPD

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

John van Diemen
Head of Chemical Research and Quality Assurance
(name and function)

Bottrop, 10.12.2019
(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 annexed to this Declaration of Performance.