

DECLARATION OF PERFORMANCE

according Annex III of the Regulation (EU) No 305/2011

Name of the product **MC-DUR 1800**

No. **PT5122070**

1. Unique identification code of the product-type:

EN 1504-2: ZA.1d, ZA.1e, ZA1f and ZA.1g
EN 13813: SR – B1,5 – AR1 – IR4

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

batch number: see packaging of the product

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

EN 1504-2
Surface protection products – Coating
Protection against ingress (1.3)
Moisture control (2.2)
Physical resistance (5.1)
Resistance against chemicals (6.1)
Increasing resistivity (8.2)

EN 13813
Synthetic resin screed for internal uses

4. 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
Am Kruppwald 1-8
46238 Bottrop

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

not relevant

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

EN 1504-2:

System 2+ (for uses in buildings and civil engineering works)

EN 13813:

System 4 (for internal uses)

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN 1504-2, System 2+:

The notified body Institut für Massivbau und Baustofftechnologie Universität Karlsruhe (TH), identification number 0754, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued:

Certificate of conformity of the factory production control 0754-CPD-05-0796

EN 13813, System 4: -

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

not relevant

9. Declared performance

Table 1: Performance according EN 1504-2:

Essential characteristics	Performance	Harmonised technical specification
Abrasion resistance	< 3000 mg	EN1504-2:2004
Permeability to CO ₂	s _D > 50 m	
Water vapour permeability	class II	
Capillary absorption and permeability to water	w < 0,1 kg/m ² x h ^{0,5}	
Chemical resistance	< 50%	
Impact resistance	class II (≥ 10 Nm)	
Adhesion strength by pull-off test	≥ 2,0 (1,5) ¹⁾ N/mm ²	
Reaction to fire	class E _{fl}	
Antistatic behavior	class I	
Behaviour after artificial weathering	EN 1504-2, Pkt. 5.3	

¹⁾ The value in brackets is the lowest accepted value of any reading

Table 2: Performance according to EN 13813

Essential characteristic	Performance	Harmonised technical specification
Reaction to fire	Efl ^{a)}	EN 13813:2002
Release of corrosive substances	SR	
Wear resistance	AR1	
Bond strength	B1,5	
Impact resistance	IR4	

a) According to Commission Decision 2010/85/EU of 9 February 2010 the product fulfils the reaction-to-fire performance class E/Efl without further testing

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Dr. Hans-Günter Seltmann / head of research and development and quality control

[Bottrop, 6th of May 2013]



(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.