

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Certificate of constancy of performance**0432-CPR-00920-01**

Version 01

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

Brandschutzklappe Typ EAV

Fire damper with classification EI 90 (ve i↔o) S for installation into walls

For special usage instructions, see appendices to this certificate of constancy of performance

placed on the market under the name or trade mark of

Bartholomäus GmbHBachstraße 10
89607 Emerkingen

and produced in the manufacturing plant(s)

Bartholomäus GmbHBachstraße 10
89607 Emerkingen

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard(s)

EN 15650:2010

under **system 1** for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 26.09.2023 and will remain valid until 25.09.2028 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Dortmund, 26.09.2023



On behalf

Hendrik Smialek
Head of Certification Body

This Certificate consists of 1 page and 1 annex.

The original of this document was issued in German language.
In case of doubt only the German version is valid.



Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Harmonized technical specification: EN 15650:2010			
Essential characteristics	Clauses of the standard	Levels and/or classes	Notes
Nominal activation conditions / activity - Sensing element load bearing capacity - Sensing element response temperature	4.2.1.2		
	4.2.1.2.2	fulfilled	
	4.2.1.2.3	fulfilled	72 °C
Response delay (response time): - Closure time	4.2.2.2	fulfilled	
Operational reliability: - Cyclic testing	4.3.1 a)	fulfilled	50 cycles
Fire resistance:			
- Integrity	4.1.1 a)	E 90	
- Insulation	4.1.1 b)	EI 90	
- Smoke leakage	4.1.1 c)	ES 90 EIS 90	
- Mechanical stability (reg. E)	4.1.1 a)	fulfilled	
- Maintenance of cross section (reg. E)	4.1.1 a)	fulfilled	
Durability of response delay: - Sensing element response temperature and load bearing capacity	4.2.1.2.2 and 4.2.1.2.3	fulfilled	
Durability of operational reliability: - Testing of the opening and closing cycles	4.3.3.2	NPD	

Construction size	Supporting construction	Installation type	Classification
Ø 100 mm to Ø 160 mm	Light partition wall, thickness ≥ 100 mm with metal stud frame, double covered on both sides with 2 x 12,5 mm Gypsum plasterboards, with mineral wool insulation (density ≥ 100 kg/m ³)	Mortar based installation Minimum distance of the fire dampers among each other ≥ 200 mm Minimum distance of the fire dampers to load bearing building components ≥ 75 mm	EI 90 (ve i↔o) S (300 Pa)
Ø 100 mm to Ø 160 mm	Solid wall > 100 mm	Mortar based installation Minimum distance of the fire dampers among each other ≥ 200 mm Minimum distance of the fire dampers to load bearing building components ≥ 75 mm	EI 90 (ve i↔o) S (300 Pa)