


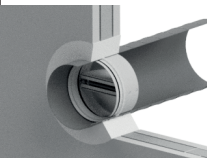
Declaration of Performance

Declaration of Performance No. DoP/EAV/EN/2023/001

1. **Product:** EAV
Unique product type identifier
2. **Intended use:** To be used in conjunction with walls for the maintenance of fire compartments in heating, ventilation and air conditioning installations.
Intended use of the construction product according to the applicable harmonized technical specification
3. **Manufacturer:** Bartholomäus GmbH
Bachstrasse 10
89607 Emerkingen
4. **System for assessment and verification of performance durability:** System 1
5. **Notified body:** The notified body MPA Erwitte No. 0432 has conducted the initial inspection of the factory and the factory production control, as well as the ongoing monitoring, assessment, and evaluation of the factory production control according to System 1 of the Construction Products Regulation. They have issued the Certificate of Constancy of Performance 0432-CPR-00920-01.
6. **Harmonized standard:** EN 15650:2010

7. Declared performances according to EN 15650:2010 (harmonized technical specification)

Essential Characteristics	Levels and/or classes	Performance
Rated activation/sensitivity conditions: <ul style="list-style-type: none"> ▪ Load capacity of the temperature-sensitive sensor ▪ Response temperature of the temperature-sensitive sensor 		fulfilled fulfilled
Response delay (response time): <ul style="list-style-type: none"> ▪ Closing time 		fulfilled
Operational safety: <ul style="list-style-type: none"> ▪ Cyclic testing 		50 cycles
Durability of response delay <ul style="list-style-type: none"> ▪ Response of the temperature-sensitive sensor to temperature and load capacity (testing method according to ISO 10294-4) 	Response temperature 72°C	fulfilled
	Load capacity	fulfilled
Durability of operational safety: <ul style="list-style-type: none"> ▪ Testing of opening and closing cycles (EN 15650:2010) 		NPD
Fire resistance: (Test method according to EN 1366-2 and classification according to 13501-3:2009)		
▪ Compartmentation	E	up to 90 min
▪ Thermal insulation	I	up to 90 min
▪ Smoke leakage	S	up to 90 min
▪ Mechanical strength (regarding E)		fulfilled
▪ Maintaining cross-section (regarding E)		fulfilled

Size	Load-bearing structure	Construction type	Installation type	Performance class
Ø100 to Ø160 [mm]	 solid wall	d ≥ 100 mm minimum distance between them ≥ 200 mm bulk density ρ ≥ 500 kg/m ³ Axis position horizontal	Wet installation Wall (mortar)	EI 90 (v _e i ↔ o) S
	 Metal stud wall	d ≥ 100 mm Metal stud wall Gypsum plasterboard wall Typ A, EN 520 ≥ 100 mm Gypsum plasterboard wall Typ F, EN 520 ≥ 100 mm	Wet installation Wall (mortar)	EI 90 (v _e i ↔ o) S

*d = thickness wall

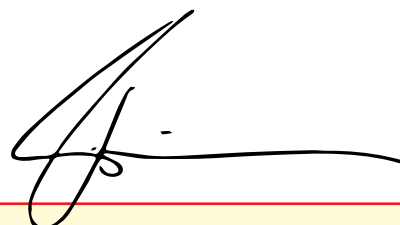
This Declaration of Performance is available for download in the service area of our website www.geba-brandschutz.de

The performance of the product according to No. 1 corresponds to the declared performance according to No. 7. For the creation of this Declaration of Performance in accordance with Regulation (EU) No. 305/2011, the responsibility lies solely with the manufacturer according to No. 3 Signed on behalf of the manufacturer and in the name of the manufacturer by

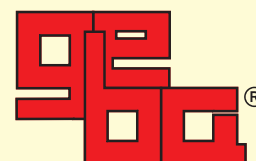
Emerkingen, 25.09.2023

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