

Declaration of Performance

DoP No.: CPR/FR90/003



VENTILATION + AIR CONDITIONING

- 1. Product:**
Unique identification code of the product type
Fire Damper FR90
- 2. Intended use:**
Intended use of the construction product, in accordance with the applicable harmonised technical specification.
To be used in conjunction with walls and ceilings to maintain fire compartments in heating, ventilating and air conditioning installations.
- 3. Manufacturer:**
Wildeboer Bauteile GmbH
Marker Weg 11
DE-26826 Weener
- 4. System of assessment and verification of constancy of performance:**
System 1
- 5. Harmonised standard:**
EN 15650:2010
- 6. Notified body:**
In case of the declaration of performance concerning a construction product covered by a harmonised standard.
The MPA Braunschweig, notified body no. 0761, performed the certificate of constancy of performance under system 1 and issued the certificate of constancy of performance 0761-CPR-0241.
- 7. Declared performance according to harmonised specification EN 15650:2010-09:**

Essential characteristics	Performance/Class
Nominal activation conditions/sensitivity: Sensing element load bearing capacity Sensing element response temperature	pass
Response delay (response time): Closure time	pass
Operational reliability: Cycling	Cycling 50 pass
Fire resistance: Integrity E Insulation I Smoke leakage S Mechanical stability (under E) Maintenance of the cross section (under E)	EI 30 S (ve - ho, i ↔ o) ----- EI 60 S (ve - ho, i ↔ o) ----- EI 90 S (ve - ho, i ↔ o) ----- EI 120 S (ve - ho, i ↔ o)
Durability of response delay: Sensing element response to temperature and load bearing capacity	pass
Durability of operational reliability: Open and closing cycle tests	Cycling 10,000 pass
Protection against corrosion	pass
Leak tightness class of the casing according to EN 1751:	Class C
Leak tightness class of the damper blade according to EN 1751:	Class 3

This declaration of performance will be provided under www.wildeboer.de/downloads.

The performance of the above-mentioned product identified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued in accordance with the regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by

Weener, 21/09/2017

(place and date of issue)

Dr.-Ing. J. Wildeboer, managing director

For achievement of the declared performance, this fire damper has to be used according to the specifications of the manufacturer.