

Declaration of Performance

DoP No.: CPR/EK90/003



VENTILATION + AIR CONDITIONING

- 1. Product:**
Unique identification code of the product type
Smoke Control Damper EK90, Series EK92
- 2. Intended use:**
Intended use of the construction product, in accordance with the applicable harmonised technical specification.
Smoke control damper, which can be used in single or multi compartments at temperatures up to 600°C or at fire temperature.
- 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 12101-8:2011
- 6. Notified body:**
In case of the declaration of performance concerning a construction product covered by a harmonised standard.
Efectis France, notified body no. 1812, performed the certificate of constancy of performance under system 1 and issued the certificate 1812-CPR-1108.

7. Declared performance according to harmonised specification EN 12101-8:2011-08:

Essential characteristics	Performance/Class
Nominal activation conditions/sensitivity	pass
Response delay (response time)	pass (MA)
Operational reliability	Cycling 20,000 pass (Cmod)
Fire resistance: Integrity E Insulation I Smoke leakage S Mechanical stability (under E) Maintenance of the cross section (under E) High operational temperature	EI 90 ($v_{edw} - h_{odw} - i \leftrightarrow o$) S1500 C _{mod} HOT400/30 MA multi
Durability of response delay of operational reliability	pass (MA)
Leak tightness class of the casing according to EN 1751	Class C
Leak tightness class of the damper blade according to EN 1751	min. Class 2

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, 21/12/2016
(place and date of issue)

Dr.-Ing. J. Wildeboer, managing director

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