

Declaration of performance

DoP no.: CPR/EKM90/002



- Product:**
Unique identification code of the product type
EKM90 smoke control damper
- Application:**
Designated application of the construction product in accordance with the applicable harmonised technical specification
Smoke control damper which is used in single or multi compartments at temperatures of up to 600 °C or at fire temperatures
- Manufacturer:**
Wildeboer Bauteile GmbH
Marker Weg 11
26826 Weener, Germany
- System for assessing and checking constancy of performance**
System 1
- Harmonised standard:**
EN 12101-8:2011
- Notified body:**
In the event of a declaration of performance relating to a construction product which is covered by a harmonised standard.
Efectis France, notified body no. 1812, has conducted certification of constancy of performance in accordance with system 1, and issued the certificate 1812-CPR-2114.
- Declared performance in accordance with harmonised technical specification EN 12101-8:2011-08:**

Essential characteristics	Performance/class
Nominal conditions of activation/response sensitivity	Fulfilled
Response delay/response duration	Fulfilled (MA)
Operational reliability:	20,000 cycles fulfilled (C_{mod})
Fire resistance <ul style="list-style-type: none">• Fire integrity E• Thermal insulation I• Smoke tightness S• Mechanical integrity (under E)• Maintenance of the cross-section (under E)• High operating temperature	EI 90/120 ($v_{edw} - h_{odw} - i \leftrightarrow o$) S1000 C_{mod} HOT400/30 MA multi
Durability: <ul style="list-style-type: none">• of the response delay• of the operational reliability	Fulfilled (MA)
Leak tightness class of the casing in accordance with EN 1751	Class C
Leak tightness class of the damper blade in accordance with EN 1751	Min. class 2

This declaration of performance is available at www.wildeboer.de/downloads.

The performance of the above product in accordance with no. 1 is in conformity with declared performance in accordance with no. 7. The declaration of performance is issued in accordance with Regulation (EU) no. 305/2011, under the sole responsibility of the manufacturer in accordance with no. 3.

Signed for the manufacturer and on behalf of the manufacturer by

Weener, 09/02/2024

Place and date of issue

Dr.-Ing. J. Wildeboer, Managing Director

The manufacturer's specifications must be observed in order to achieve the declared performance of this smoke control damper.