



**PAVUS, a.s.**

Notified Body No. 1391

Prosecká 412/74, 190 00 Praha 9 - Prosek  
Decision No. 6/2016-CPR of 25<sup>th</sup> January 2017

## **CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**No. 1391-CPR-2017/0086**

In compliance with Regulation 305/2011/EU of European Parliament and of the Council of 9 March 2011 (the Construction Product regulation or CPR), this certificate applies to the construction product:

### **Multiblade fire damper BSK-J/EI90 and BSK-J/EI90/G**

EI 90 (ve ho i→o) S  
EI 120 (ve ho i→o) S  
E 120 (ho i→o) S

Fire dampers are used in conjunction with partitions to maintain fire compartments and protect means of escape in case of fire in heating, ventilation and air conditioning (HVAC) systems in buildings, under methods of use and installation conditions stated in Certification report and related documentation. All fire dampers close automatically in response to raised temperatures indicating fire.

placed on the market under the name or trade mark of:

**AEROPRODUKT ZRT.**

**Szegedi út 1., HU-6640 Csongrád, Hungary, ID 0110047177**

and produced in the manufacturing plant:

**AEROPRODUKT ZRT.**

**Szegedi út 1., HU-6640 Csongrád, Hungary**

This Certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

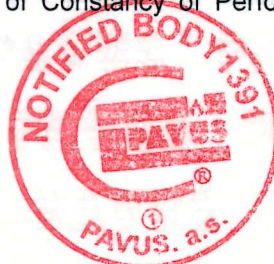
**EN 15650:2010**

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 31<sup>st</sup> October 2014 and will remain valid 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. This Certificate replaces and cancels Certificate of Constancy of Performance No. 1391-CPR-0160/2014 of 31<sup>st</sup> October 2014 issued by NB 1391.

Prague, 19<sup>th</sup> October 2017



  
**Ing. Jaroslav Dufek**  
Managing Director PAVUS, a.s.  
Notified Body No.1391

**Technical parametres of the product \*)**

External dimension of the element (w x h):

- from min. (200 x 150) mm
- to max. (1 000 x 1 050) mm for BSK-J/EI90
- or to max. (1 500 x 1 500) mm for BSK-J/EI90/G

Starting devices and servo-drives:

- Belimo
- Gruner
- Schischek

Material version:

- SUPALUX M20/PROMATECT L500 - PROMATECT H20

Leak tightness of the damper according to EN 1751:

- over blade min. class 2
- over case min. class B

The classification according to EN 13501-3:2005+A1:2009:

**EI 90 (ve ho i↔o) S****EI 120 (ve ho i↔o) S****Accessories of the damper**

Additional part of Multiblade fire damper BSK-J/EI90 or BSK-J/EI90/G should be also weather resistant grill, type EV.

**Assessed properties of the product**

Essential characteristics	Requirement clauses in EN 15650	Findings	Conformity Assessment
Nominal activation conditions/sensitivity:	4.2.1.2		conforms
- sensing element load bearing capacity	4.2.1.2.2	Sensing element responses in accordance with cl. 5.2.5 EN 15650	conforms
- sensing element response temperature	4.2.1.2.3	Release mechanism is equipped with a sensing element in accordance with cl. 5.2.5 EN 15650	conforms
Response delay (response time):	4.2.1.3	< 2 min	conforms
- closure time			
Operational reliability: cycling	4.3.1, a)	Cycling 50	conforms
Fire resistance:			
- integrity	4.1.1, a)	E 90, E 120	conforms
- insulation	4.1.1, b)	EI 90, EI 120	conforms
- smoke leakage	4.1.1, c)	EI 90S, EI 120S	conforms
- mechanical stability (under E)	4.1.1, a)	E 90, E 120	conforms
- maintenance of the cross section (under E)	4.1.1, a)	E 90, E 120	conforms
Durability of response delay:			
- sensing element response to temperature and load bearing capacity	4.2.1.2.2 4.2.1.2.3	Sensing element responses in accordance with cl. 5.2.5 EN 15650	conforms
Durability of operational reliability:			
- open and closing cycle tests	4.3.3.2	Cycling 100 + 10 000 + 100	conforms
Resistance against corrosion	4.2.2 Annex B	Increased resistance against corrosion - Salt spray exposure test (EN 60068-2-52)	conforms

\*) Detailed technical parametres and conditions of final classification according to EN 13501-3:2005+A1:2009 are stated in the Assessment Report of the construction product No. P-1391-CPR-2017/0086 of 19<sup>th</sup> October 2017.

The Multiblade fire damper BSK-J/EI90 and BSK-J/EI90/G fulfils also all the prescribed requirements of the standard ÖNORM H 6025



*Ing. Jarosláv Dufek*  
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