

PAVUS, a.s.
Notified Body No. 1391
Prosecká 412/74, 190 00 Praha 9 - Prosek
Decision No. 6/2016-CPR of 25th January 2017

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1391-CPR-2018/0093

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 certificates applies to the construction product:

Multiblade smoke control damper BRK-J/E600

E₆₀₀ 120 (v_{edw} - i ↔ o) S1500C₁₀₀₀₀MAsingle
E₆₀₀ 120 (v_{edw} - i ↔ o) S1500C₁₀₀₀₀AAsingle

Smoke control dampers that are to be used in smoke control systems, either at 600 °C.

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

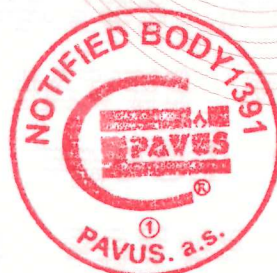
EN 12101-8:2011

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 28th May 2018 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Prague, 28th May 2018




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

Technical parametres of the product *)

External dimension of the element: from min. (w x h) (200 x 200) mm to max. (1 250 x 1 000) mm

Construction length: 150 mm

Starting devices and drives: - Belimo

Leak tightness of the damper according to EN 1751:
- over blade min. class 3

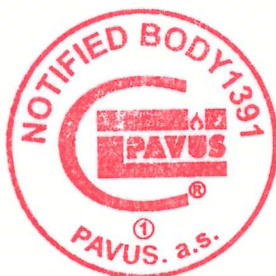
The classification according to EN 13501-4:2016*):

E₆₀₀ 120 (v_{ed-i}↔o) S1500C₁₀₀₀₀MAsingle**E₆₀₀ 120 (v_{ed-i}↔o) S1500C₁₀₀₀₀AAsingle****E₆₀₀ 120 (v_{edw-i}↔o) S1500C₁₀₀₀₀MAsingle****E₆₀₀ 120 (v_{edw-i}↔o) S1500C₁₀₀₀₀AAsingle****Assessing product performances**

Essential characteristics	Requirement clauses in EN 12101-8	Findings	Conformity Assessment
Nominal activation conditions/sensitivity	4.2.1.3	Closure/opening during the test in right time during right period.	Conforms
Response delay(response time)	4.2.1.4	< 60 s	Conforms
Operational reliability	4.3.2.2	C 10 000	Conforms
Fire resistance			
- integrity (E)	4.1.1 a), 4.3.1	E ₆₀₀ 120 < 360 m ³ /(h.m ²)	Conforms
- insulation (EI)	-	For single compartment dampers is not required/declared.	-
- smoke leakage (ES)	4.1.1 c), 4.3.1	E ₆₀₀ 120 S1500 < 200 m ³ /(h.m ²)	Conforms
- mechanical stability (under E)	4.1.1 d)	120 min	Conforms
- maintenance of cross-section (under E)	4.1.1 e)	120 min	Conforms
- high operational temperature	4.1.1 f), 4.3.1	No performance determined	NPD
Durability			
- of response delay	4.3.2.1	< 60 s	Conforms
- of operational reliability	4.3.2.2	C 10 000, < 120 s	Conforms

*) Detailed technical parametres and conditions of final classification according to EN 13501-4:2016 are stated in the Assessment Report of performance of the construction product No. P-1391-CPR-2018/0093 of 28th May 2018.

The Multiblade smoke control damper BRK-J/E600 may be produced and placed on the market also with trade name AP-SDSC/E600S or BRK-J/E90/S.



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