PAVUS, a.s.
Notified Body No. 1391
Prosecká 412/74, 190 00 Praha 9 – Prosek
Authorization No. ÚNMZ/SPR/106/4000/18-7 from 20th November 2018

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1391-CPR-2020/0136

In compliance with the Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Product Regulation or CPR), this certificate applies to the construction product:

Fire damper FDMB

Intended use of the product in the building
Fire dampers are used to maintain fire compartments and protect means of escape in case of fire in heating, ventilation and air conditioning (HVAC) systems in buildings. All fire dampers close automatically in response to raised temperatures indicating fire.

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

MANDÍK, a.s.
Dobříšská 550, 267 24 Hostomice, Czech Republic, IČO 26718405

and produced in the manufacturing plant:

MANDÍK, a.s.
Dobříšská 550, 267 24 Hostomice, Czech Republic

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 carried out by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This Certificate was first issued on 29th August 2012 and remains valid until the harmonised standard, the construction product, the assessment and verification procedures for constancy of performance or the manufacturing conditions in the plant of manufacture are significantly modified or the notified product certification body amends or cancels the certificate.

This Certificate replaces and cancels Certificate of Constancy of Performance No. 1391-CPR-0011/2014 of 28th July 2014 issued by NB 1391.

Prague, 8th September 2020

NOTIFIED BODY 1391 PAVUS PAVUS, a.s.

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

Technical parameters and assessed performance are stated in the Annex No.1 of this Certificate of Constancy of Performance.

Verze 2c

Technical parameters of the assessed product *)

External dimension of the element: min. (100 x 100) mm – max. (1 000 x 500) mm or (500 × 1 000) mm (max. area 0,5 m^2)

Construction length: 375 mm – 500 mm

Starting devices and drives: fuse safety lock 72°C/104°C/147°C with closing spring
Belimo – spring drive with thermal release mechanism 72°C/95°C

10 000 cycles according to EN 15650 fulfilled

Material versions: galvanized sheet metal
stainless sheet metal
painted sheet metal

Leak tightness of the damper according to EN 1751: leakage through blade – min. class 2
case leakage – min. class C

The classification according to EN 13501-3+A1*): **EI 90 (ve ho i↔o) S**
EI 120 (ve ho i↔o) S

Assessed product performance

Essential characteristics	Requirement clauses in EN 15650	Findings	Conformity Assessment
Nominal activation conditions/sensitivity:	4.2.1.2	Comply with EN 15650, 4.2.1.2	conforms
– sensing element load bearing capacity	4.2.1.2.2	Comply with EN 15650, 5.2.5, ISO 10294-4:2001, 4.2	conforms
– sensing element response temperature	4.2.1.2.3	Comply with EN 15650, 5.2.5, ISO 10294-4:2001, 4.2	conforms
Response delay (response time): – closure time	4.2.1.3	< 2 min	conforms
Operational reliability – cycling	4.3.1, a)	50 cycles performed prior to test	conforms
Fire resistance			
– integrity	4.1.1, a)	E	conforms
– insulation	4.1.1. b)	EI	conforms
– smoke leakage	4.1.1, c)	EIS	conforms
– mechanical stability (under E)	4.1.1, a)	–	conforms
– maintenance of the cross section (under E)	4.1.1. a)	–	conforms
Durability of response delay: – sensing element response to temperature and load bearing capacity	4.2.1.2.2 4.2.1.2.3	Comply with EN 15650, 4.2.1.2	conforms
Durability of operational reliability: – open and closing cycle tests	4.3.3.2	10 000 cycles according to EN 15650, Annex C.3.2	conforms

Other characteristics

Resistance against corrosion	4.2.2 Annex B	Salt spray exposure test (EN 60068-2-52) – no corrosion occurred	conforms

*) Detailed technical parameters and conditions of the final classification according to EN 13501-3+A1 are stated in the Assessment Report of Performance of the Construction product No. P-1391-CPR-2020/0136 of 8th September 2020.

Fire damper FDMB also fulfils requirements of standard ÖNORM H 6025, see Assessment Report of Performance of the Construction product No. P-1391-CPR-2020/0136 of 8th September 2020.

CE
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MANDÍK a.s.
Dobříšská 550, 267 24 Hostomice, CZ
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1391 – CPR – 2020/0136
EN 15650
Fire damper
type/model: Fire damper FDMB
Classification
EI 90 (ve ho i↔o) S
EI 120 (ve ho i↔o) S

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