

## DECLARATION OF PERFORMANCE

issued acc. to attachment III of EU directive No. 305/2011

**No. PM/PKTM\_90/01/19/1**

**1. Unique identification code of product type:**

Fire damper FDMA-R, FDMA-S

(It can be manufactured also marketed under the tradename PKTM-90, PKTM-90-PM, FDMA-PM, BSK-A-90-R and BSK-A-90-E)

**2. Intended uses:**

The fire dampers are used in conjunction with partions to maintain fire compartments and protect means of escape in case of fire in heating, ventilation and airconditioning (HVAC) systems in buildings, under methods of use and installation conditions stated in certification report and related documentation TPM 018/01 Rev.5 issued 28.2.2019.

The fire dampers serves for elimination of fire and smoke spreading according to EN 15560:2010.

**3. Manufacturer:**

MANDÍK, a.s., Dobříšská 550, 26724, Hostomice, Czech Republic

VAT: CZ26718405, phone: +420 311 706 706, e-mail: [mandik@mandik.cz](mailto:mandik@mandik.cz), website: [www.mandik.com](http://www.mandik.com)

**4. Authorized representative:**

Not relevant

**5. Assesment and verification system of constancy of building product:**

System 1

**6a) Harmonised standard:**

EN 15650:2010

**Notified body:**

PAVUS, a.s., Notified body no. 1391, Prosecká 412/74, 190 00 Praha 9, VAT: CZ60193174

**6b) European Assessment Document:**

Not relevant

7. Declared properties

**Assessed properties of the product**

Essential characteristics	Requirement clauses in EN 15650	Requirement	Conformity Assessment
Nominal activation conditions/sensitivity:	4.2.1.2	EN 15650, 4.2.1.2	conforms
- sensing element load bearing capacity	4.2.1.2.2	EN 15650, 5.2.5	conforms
- sensing element response temperature	4.2.1.2.3	EN 15650, 5.2.5	conforms
Response delay (response time):	4.2.1.3	EN 1366-2, 10.4.6	conforms
- closure time			
Operational reliability:	4.3.1, a)	The fire damper conforms to cycle test if 50 cycles are done prior to the fire test	conforms
- cycling			
<b>Fire resistance</b>			
- integrity	4.1.1, a)	E	conforms
- insulation	4.1.1, b)	EI	conforms
- smoke leakage	4.1.1, c)	ES/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:	4.2.1.2.2	EN 15650, 4.2.1.2	conforms
- sensing element response to temperature and load bearing capacity	4.2.1.2.3		
Durability of operational reliability:	4.3.3.2	EN 15650, Annex C.3.2	conforms
- open and closing cycle tests			
Resistance against corrosion	4.2.2 Annex B	Increased resistance against corrosion - Salt spray exposure test (EN 60068-2-52)	conforms


\*) Detailed technical parameters 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-2016/0158 of 9<sup>th</sup> November 2016.

The fire damper FDMA-R/S fulfils also all the prescribed requirements of the standard ÖNORM H 6025, see the Assessment Report of the construction product No. P-1391-CPR-2016/0158 of 9<sup>th</sup> November 2016.

Fire damper FDMA-R may be produced and placed on the market also with trade name PKTM 90-K or BSK-A-90-R, and FDMA-S also with trade name PKTM 90-C or BSK-A-90-E.

8. Relevant technical documentation and/or specific technical documentation:

OS 1391 PAVUS, a.s. issued the certificate of constancy of performance no. 1391-CPR-2016/0158 dated 9.11.2016.


1391 MANDÍK a.s., Dobříšská 550, 257 24 Hostomice, Czech rep. 16 1391 – CPR - 2016/0158
EN 15650 Fire damper type/model: Fire damper FDMA-R and FDMA-S
Classification EI 90 (ve ho ↔ o) S EI 120 (ve ho ↔ o) S

The manufacturer declares on his sole responsibility, that the above specified product is in conformity with the declared properties.

Signed for and on behalf of the manufacturer by:



In Hostomice, 28.2.2019

Mgr. Marcel Mandík  
CEO, MANDÍK, a.s