

## Declaration of Performance

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

No. PM/PKTM\_90/01/16/1

**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 and TPM 103/14

The fire dampers serves for elimination of fire and smoke spreading according to EN 15560:2010 available with fire resistance EIS 90, EIS 120

**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. Assessment 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**

Essential characteristics	Requirement clauses in EN 15650:2010	Requirement
Nominal activation conditions/sensitivity	4.2.1.2	EN 15650, Art. 4.2.1.2
_ - sensing element load bearing capacity	4.2.1.2.2	EN 15650, Art. 5.2.5
_ - sensing element response temperature	4.2.1.2.3	EN 15650, Art. 5.2.5
Response delay (response time): _ - closure time	4.2.1.3	EN 1366-2, Art. 10.4.6
Operational reliability: _ - cycling	4.3.1, a)	The fire damper conforms to cycle test if 50 cycles are done prior to the fire test
Fire resistance		
_ - integrity	4.1.1, a)	E
_ - insulation	4.1.1, b)	EI
_ - smoke leakage	4.1.1, c)	ES/EIS
_ - mechanical stability (under E)	4.1.1, a)	-

_ - maintenance of the cross section (under E)	4.1.1, a)	
Durability of response delay: _ - sensing element response to temperature and load bearing capacity	4.2.1.2.2 4.2.1.2.3	EN 15650, Art. 4.2.1.2
Durability of oerational reliability: _ - open and closing cycle tests	4.3.3.2	EN 15650, Annex C.3.2
Resistance against corrosion	4.2.2 Annex B	Increased resistance against corrosion - Salt spray exposure test (EN 60068-2-52)

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

OS 1391 PAVUS, a.s. issued the certificate of constancy of performance no. 1391-CPR-2015/0175 dated 8.10.2015.

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:

  
 Mgr. Marcel Mandík  
 CEO, MANDÍK, a.s.  
  
 MANDÍK, a.s.  
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In Hostomice, 1.6.2016