

Declaration of Performance

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

No. PM/FDMS/01/17/1.1

1. Unique identification code of product type:

Fire damper FDMS

2. Intended uses:

The fire dampers serves for elimination of fire and smoke spreading according to EN 15560:2010 available with fire resistance EIS 60, only round design.

The fire dampers can be installed inside/outside the solid/light standard construction in vertical/horizontal position with using of materials: dry installation materials, or gypsum, mortar, concrete. Exact description of installation is stated in related documentation TPM 125/17, issued on 7th of June 2017.

3. Manufacturer:

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

VAT: CZ26718405, phone: +420 311 706 706, e-mail: mandik@mandik.cz, website: 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	Requirement	Findings	Conformity Assessment
Nominal activation conditions/sensitivity:	4.2.1.2	see EN 15650, article .4.2.1.2	Requirements stated in EN 15650, article.4.2.1.2 fulfilled	conforms
_ - sensing element load bearing capacity	4.2.1.2.2	The thermal release mechanism shall be equipped with a sensing element with response temperature to an increase of temperature in accordance with EN 15650, article. 5.2.5	Sensing element responds to an increase of temperature in accordance with EN 15650, article .5.2.5	conforms
_ - sensing element response temperature	4.2.1.2.3	The thermal release mechanism shall be equipped with a sensing element which load bearing capacity is in accordance with EN 15650, article .5.2.5	The release mechanism is equipped with a sensing element which load bearing capacity is in accordance with EN 15650, article .5.2.5	conforms
Response delay (response time): _ - closure time	4.2.1.3	Any temperature may be used, provided that the fire dampers' response delay (closure time) is within in the time period of 2 min. in accordance with test method in EN 1366-2, article .10.4.6	The fire damper closed within 2 min during the test in accordance with EN 1366-2	conforms

Operational reliability: _ - cycling	4.3.1, a)	The fire damper conforms to cycle test if 50 cycles are done prior to the fire test	50 cycles were done prior to the fire test	conforms
Fire resistance				
_ integrity	4.1.1, a)	E	E*)	conforms
_ insulation	4.1.1, b)	EI	EI*)	conforms
_ smoke leakage	4.1.1, c)	ES EIS	ES*) EIS*)	conforms
_ mechanical stability (under E)	4.1.1, a)	-	E*)	conforms
_ maintenance of the cross section (under E)	4.1.1, a)	-	E*)	conforms
Durability of response delay: _ sensing element response to temperature and load bearing capacity	4.2.1.2.2 4.2.1.2.3	see EN 15650, article .4.2.1.2	The release mechanism responds to an increase of temperature and the load bearing capacity is in accordance with EN 15650, article.5.2.5	conforms
Durability of operational reliability: _ open and closing cycle tests	4.3.3.2	cycling 10 000	cycling 10 000	conforms

*) The classification according to EN 13501-3+A1 is stated in the Certification Report no. P-1391-CPR-2017/0092 of 2017-06-14

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

OS 1391 PAVUS, a.s. issued the certificate of constancy of performance no. 1391-CPR-2017/0092 dated 14.6.2017.

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:


 Marcel Mandík
 CEO, MANDÍK, a.s

In Hostomice, 9.8.2017

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