

Declaration of Performance

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

No. PM/FDMR/01/19/1

1. Unique identification code of product type:

Fire damper FDMR

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 140/19, issued 1.11.2019.

The fire dampers serves for elimination of fire and smoke spreading according to EN 15560:2010 available with fire resistance EIS90.

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. 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 product performance

Essential characteristics	Requirements of 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, according to EN 15650, 5.2.4, EN 1388-2, 10.4.6	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)	ES/EIS	conforms
- mechanical stability (under E)	4.1.1, a)	-	NPD
- maintenance of the cross section (under E)	4.1.1, a)	-	NPD
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, 4.2.1.2	conforms
Durability of operational reliability: - open and closing cycle tests	4.3.3.2	Cycling test performed (10 000+100+100 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 fire classification according to EN 13501-3:2005+A1:2009 are stated in the Assessment Report of Performance of the Construction product No. P-1391-CPR-2019/0160 of 5th November 2019.

 1391
MANDÍK a.s., Dočfářská 550, 267 24 Hostomice, CZ 19 1391 – CPR - 2019/0160
EN 15650 Fire damper type/model: Fire damper FDMR
Classification EI 90 (va ho i→o) S

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

OS 1391 PAVUS, a.s. issued the certificate of constancy of performance no. 1391-CPR-2018/0129 dated 13.6.2018.

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.

In Hostomice, 5.11.2019