

Declaration of Performance

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

No. PM/FDML/01/18/1

1. Unique identification code of product type:

Multiblade fire damper FDML

2. Intended uses:

Multiblade fire dampers only in rectangular design without counterduct connection equipped by two covering grilles, or multiblade fire damper with duct connected to one side - second equipped by covering grille, or multiblade fire damper connected to two duct sections - serves for elimination of fire and smoke spreading according to EN 15560:2010.

Available with fire resistance EIS 90, ES 120, and EI 120, according to the application and installation described in TPM 130/17.

The fire dampers can be installed acc. to technical documentation – TPM 130/17 issued 2.1.2018.

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

Assessing product performances

Essential characteristics	Requirement clauses in EN 15650	Findings	Conformity
Nominal activation conditions/sensitivity:	4.2.1.2		conforms
-- sensing element load bearing capacity	4.2.1.2.2	Sensing element responses in accordance with cl. 5.2.5 EN 15650	conforms
-- sensing element response temperature	4.2.1.2.3	Release mechanism is equipped with a sensing element in accordance with cl. 5.2.5 EN 15650	conforms
Response delay (response time) - closure time	4.2.1.3	< 2 min	conforms
Operational reliability - cycling	4.3.1. a)	50 cycles before test	conforms
Fire resistance:			
-- integrity	4.1.1. a)	E 90, E 120	conforms
-- insulation	4.1.1. b)	EI 90, EI 120	conforms
-- smoke leakage	4.1.1. c)	EI 90 S	conforms
-- mechanical stability (under E)	4.1.1. a)	E 90, E 120	conforms
-- maintenance of the cross section (under E)	4.1.1. a)	E 90, E 120	conforms
Durability of response delay:			
-- sensing element response to temperature and load bearing capacity	4.2.1.2.2 4.2.1.2.3	Sensing element responses in accordance with cl. 5.2.5 EN 15650	conforms
Durability of operational reliability:			
-- open and closing cycle tests	4.3.3.2	cycling 10 000	conforms

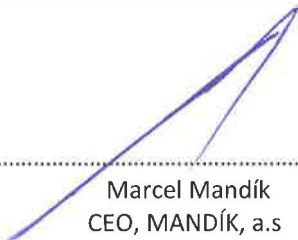
*) Detailed technical parameters and conditions of final classification according to EN 13501-3+A1:2010 are stated in the Assessment Report of performance of the construction product No. P-1391-CPR-2018/0025 of 19th March 2018.

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

OS 1391 PAVUS, a.s. issued the certificate of constancy of performance no. 1391-CPR-2018/0025 dated 19.3.2018.

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:



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Marcel Mandík
CEO, MANDÍK, a.s

In Hostomice, 13.06.2018