

Declaration of Performance

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

No. PM/BSK-J/01/16/2

1. Unique identification code of product type:

Multiblade fire damper BSK-J

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 114/15.

The fire dampers serves for elimination of fire and smoke spreading according to EN 15650:2010 available with fire resistance EI 90.

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

Assessed properties of the product

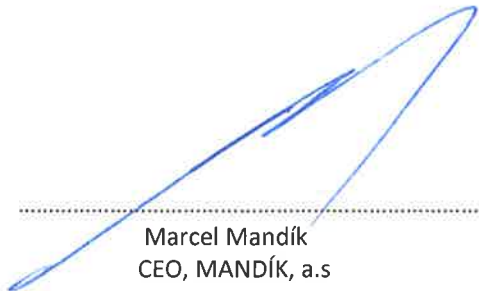
Essential characteristics	Requirement clauses in EN 15650	Findings	Conformity Assessment
Nominal activation conditions/sensitivity:	4.2.1.2		conforms
- sensing element load bearing capacity	4.2.1.2.2	Sensing element responses in accordance with cl. 5.2.5 EN 15650	conforms
- sensing element response temperature	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):	4.2.1.3	< 2 min	conforms
- closure time			conforms
Operational reliability: cycling	4.3.1, a)	Cycling 50	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 90S, EI 120S	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:	4.2.1.2.2		
- sensing element response to temperature and load bearing capacity	4.2.1.2.3	Sensing element responses in accordance with cl. 5.2.5 EN 15650	conforms
Durability of operational reliability:	4.3.3.2		
- open and closing cycle tests		Cycling 100 + 10 000 + 100	conforms
Resistance against corrosion	4.2.2 Annex B	Increased resistance against corrosion - Salt spray exposure test (EN 60068-2-52)	conforms

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

OS 1391 PAVUS, a.s. issued the certificate of constancy of performance no. 1391-CPR-2016/0166 dated 9.12.2016.

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, 10.12.2016

MANDÍK[®]
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