

## Declaration of Performance

Issued acc. To attachment III of EU directive no. 305/2011

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

1. **Unique identificatio code of product type:**  
Multiblade smoke control damper BRK-J
2. **Intended uses:**  
Smoke control dampers that are able to be used in smoke and heat control system under fire conditions, see document TPM 115/15 for details.
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. **Assesment and verification system of constancy of building product:**  
System 1
- 6a) **Harmonised standard:**  
EN 12101-8:2011  
**Notified body:**  
PAVUS, a.s., Notified body no. 1391, Prosecká 412/74, 190 00 Praha 9, VAT: 60193174
- 6b) **European Assessment Document:**  
Not relevant
7. **Declared properties**


### Assessing product performances

Essential characteristics	Requirement clauses in EN 12101-8	Findings	Conformity Assessment
Nominal activation conditions/sensitivity	4.2.1.3	Closure/opening during the test in night time during night period	Conforms
Response delay(response time)	4.2.1.4	< 60 s	Conforms
Operational reliability	4.4.2.2	C 10 000	Conforms
<b>Fire resistance</b>			
- integrity (E)	4.1.1 a), 4.4.1	E 120, E 90 < 360 m <sup>3</sup> /(h.m <sup>2</sup> )	Conforms
- insulation (EI)	4.1.1 b), 4.4.1	EI 120, EI 90	Conforms
- smoke leakage (EIS)	4.1.1 c), 4.4.1	EIS 120, EIS 90 < 200 m <sup>3</sup> /(h.m <sup>2</sup> )	Conforms
- mechanical stability (under E)	4.1.1 d)	120/90 min	Conforms
- maintenance of cross-section (under E)	4.1.1 e)	120/90 min	Conforms
- high operational temperature	4.1.1 f), 4.4.1	HOT 400/30	Conforms
<b>Durability</b>			
- of response delay	4.4.2.1	< 60 s	Conforms
- of operational reliability	4.4.2.2	C 10 000, < 120 s	Conforms
Resistance against corrosion	5.3 Annex A	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-2016/0167 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:



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Marcel Mandík  
CEO, MANDÍK, a.s

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In Hostomice, 10.12.2016