

Declaration of Performance

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

No. PM/MSD/01/16/1

1. Unique identificatio code of product type:

Smoke control damper MSD, MSD-W

2. Intended uses:

Smoke control dampers that are able to be used in smoke and heat control system under fire conditions acc. to EN 12101-8:2011.

Designed for installation into/on solid/light/gypsum construction in vertical/horizontal position with using of installation materials: gypsum, mortar, concrete. For exact description of the installation see TPM 109/15.

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 12101-8:2011

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 12101-8	Findings	Conformity Assessment
Nominal activation conditions/sensitivity	4.2.1.3	Closure/Opening during the test in right time during right period	Conforms
Response delay (response time)	4.2.1.4	<60 s	Conforms
Operational reliability	4.4.2.2	C 10000	Conforms
Fire resistance			
-integrity (E)	4.1.1 a), 4.4.1	E 120 <360 m ³ /(h.m ²)	Conforms

-insulation (EI)	4.1.1 b), 4.4.1	EI 120	Conforms
-smoke leakage (EIS)	4.1.1 c), 4.4.1	EIS 120 <200 m ³ /(h.m ²)	Conforms
-mechanical stability (under E)	4.1.1 d)	120 min	Conforms
-maintenance of cross section (under E)	4.1.1 e)	120 min	Conforms
-high operational temperature	4.1.1 f), 4.4.1	No performance determined	NPD
Durability			
-of response delay	4.4.2.1	<60 s	Conforms
-of operational reliability	4.4.2.2	C 10000, <120 s	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-2015/0057 and no. 1391-CPR-2015/058 dated 13.3.2015.

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.

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