

1.	Unique identification code of the product-type	<b>DM-S</b>
2.	Products	Dampers – Fire dampers
	Intended use	Fire safety. To be used in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations.
	Technical documentation – product information, instruction for installation and maintenance, safety information	Technical specifications <a href="#">TPM 095/13</a>
3.	Manufacturer	MANDÍK, a.s. Dobříšská 550, 26724 Hostomice, Czech Republic ID 26718405, tel. +420 311 706 706 <a href="mailto:mandik@mandik.cz">mandik@mandik.cz</a> , <a href="http://www.mandik.com">www.mandik.com</a>
5.	System of AVCP	System 1
6.	Harmonised standard	EN 15650:2010
	Notified body	Notified body No. 1391 PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek
	Output documents of the notified body	Certificate of Constancy of Performance No. 1391-CPR-2016/0083 Assessment Report of Performance of Construction Product No. P-1391-CPR-2016/0083

7a.	<b>Declared performances – fire resistance classification</b> Essential characteristics in accordance with EN 15650:2010, art. 4.1.1	
<i>Fire separating construction, location of the damper</i>	<i>Installation type, installation system, fire side</i>	<i>Performance – class of fire resistance</i>
Gypsum plasterboard wall construction – damper outside the wall – 100 mm min. wall thickness	Stuffing box with fire protection mastic <sup>0),1),2)</sup>	E 90 (v <sub>e</sub> i→o) S
	Mortar or gypsum <sup>1)</sup>	E 30 (v <sub>e</sub> i↔o) S
	Stuffing box with fire protection mastic <sup>1),2)</sup>	
Gypsum plasterboard wall construction – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	E 30 (v <sub>e</sub> i↔o) S
	Stuffing box with fire protection mastic <sup>1),2)</sup>	
Solid wall construction – damper outside the wall – 100 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	E 30 (v <sub>e</sub> i↔o) S
	Stuffing box with fire protection mastic <sup>1),2)</sup>	
Solid wall construction – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	E 30 (v <sub>e</sub> i↔o) S
	Stuffing box with fire protection mastic <sup>1),2)</sup>	

(table continues)

0) Refer to [Technical documentation](#) how to install the damper with respect to the approved fire side.

1) Refer to [Technical documentation](#) for the details of the installation type / installation system.

2) Installation materials may be replaced by a similar approved system of the equivalent performance.

(continuation of the table)

<i>Fire separating construction, location of the damper</i>	<i>Installation type, installation system, fire side</i>	<i>Performance – class of fire resistance</i>
Solid ceiling construction – damper outside the ceiling – ceiling thickness min 150 mm	Mortar or gypsum – fire from the other side of the ceiling <sup>0),1)</sup>	E 90 (h <sub>o</sub> i→o) E 60 (h <sub>o</sub> i→o) S
	Mortar or gypsum <sup>1)</sup>	E 30 (h <sub>o</sub> i↔o) S
	Stuffing box with fire protection mastic <sup>1),2)</sup>	
Solid ceiling construction – damper in the ceiling – ceiling thickness min 150 mm	Mortar or gypsum <sup>1)</sup>	E 30 (h <sub>o</sub> i↔o) S
	Stuffing box with fire protection mastic <sup>1),2)</sup>	

0) Refer to [Technical documentation](#) how to install the damper with respect to the approved fire side.

1) Refer to [Technical documentation](#) for the details of the installation type / installation system.

2) Installation materials may be replaced by a similar approved system of the equivalent performance.

7b. Declared performances – other essential characteristics		
<i>Essential characteristics</i>	<i>Requirements (provisions of the harmonised standard EN 15650:2010)</i>	<i>Performance (level or class) / Compliance with the requirements</i>
Nominal activation conditions/sensitivity:	4.2.1.2	Conforms
– sensing element load bearing capacity	4.2.1.2.2	Conforms
– sensing element response temperature	4.2.1.2.3	Conforms
Response delay (response time):	4.2.1.3	Conforms
– closure time		
Operational reliability:	4.3.1, a)	50 cycles – conforms
– cycling		
Durability of response delay:	4.2.1.2.2	Conforms
– sensing element response to temperature and load bearing capacity	4.2.1.2.3	
Durability of operational reliability:	4.3.3.2	NPD – No performance determined
– opening and closing cycle tests		

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

In Hostomice, 24 February 2020



Marcel Mandík  
CEO  
MANDÍK, a.s.