

1.	Unique identification code of the product-type	<b>FDMQ 180</b>
2.	Products	Fire dampers
	Intended use	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 149/21</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-2023/0086 Assessment Report of Performance of Construction Product No. P-1391-CPR-2023/0086

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</i>
	<i>Performance – class of fire resistance</i>	
	Solid wall construction – damper in the wall – wall thickness min. 150 mm	Mortar or gypsum <sup>1]</sup>
		EI 180 (v <sub>e</sub> i <sub>↔</sub> o) S <sup>2]</sup>
	Solid ceiling construction – damper in the ceiling – ceiling thickness min. 150 mm	Mortar or gypsum <sup>1]</sup>
		EI 180 (h <sub>o</sub> i <sub>↔</sub> o) S <sup>2]</sup>

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


2] Tested at increased test vacuum of 500 Pa.

7b. Declared performances – essential characteristics		
<i>Essential characteristics</i>	<i>Requirements (provisions of the harmonised standard EN 15650:2010)</i>	<i>Performance (lever 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): – closure time	4.2.1.3	Conforms
Operational reliability: – cycling	4.3.1, a)	50 cycles – conforms
Durability of response delay: – sensing element response to temperature and load bearing capacity	4.2.1.2.2 4.2.1.2.3	Conforms
Durability of operational reliability: – opening and closing cycle tests	4.3.3.2	BELIMO: 10 000 + 100 + 100 cycles – conforms GRUNER: 10 000 + 100 + 100 cycles – conforms

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, 2023-11-20

  
Jan Mičan  
CEO, Ppa  
MANDÍK, a.s.

Declared performances – other characteristics		
<i>Characteristics</i>	<i>Technical standard</i>	<i>Performance (lever or class) / Compliance with the requirements</i>
Resistance against corrosion	EN 15650:2010, art. 4.2.2 EN 15650:2010, Annexe B	Conforms
Damper blade tightness	EN 1751:2014	Class 3
Damper casing tightness	EN 1751:2014	Class C