

1.	Unique identification code of the product-type	<b>FDMR</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="#">165/22</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
	UK Approved Body	UK Approved Body No. 2822 Efectis UK/Ireland Limited, Shore Road, Jordanstown, BT37 0 QB, United Kingdom
	Output documents of the UK Approved Body	2822-UKCA-CPR-0138

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 – 100 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	EI 120 (v <sub>e</sub> i↔o) S
	Fire batt / Ablative Coated Batt <sup>1)</sup>	EI 90 (v <sub>e</sub> i↔o) S
Gypsum plasterboard wall construction – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	EI 120 (v <sub>e</sub> i↔o) S
	Fire batt / Ablative Coated Batt <sup>1)</sup>	EI 90 (v <sub>e</sub> i↔o) S
Solid ceiling construction – damper in the ceiling – 150 mm min. ceiling thickness	Mortar or gypsum <sup>1)</sup>	EI 120 (h <sub>o</sub> i↔o) S

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

7b. Declared performances – other 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):	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	Dampers with control mechanisms
– opening and closing cycle tests		- manual Mandík M: NPD - Belimo: C10.000

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 Construction Products Regulation in Great Britain and Northern Ireland, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

In Hostomice, 2024-05-29

Jan Mičan  
CEO, Ppa  
MANDÍK, a.s.

7c. 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