

## DECLARATION OF PERFORMANCE No. PM/FDMR/02/25/1

1.	Unique identification code of	FDMR
	the product-type	
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 <u>165/22</u>
3.	Manufacturer	MANDÍK, a.s. Dobříšská 550, 26724 Hostomice, Czech Republic ID 26718405, tel. +420 311 706 706 mandik@mandik.cz, www.mandik.com
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-UKCÃ-CPR-0138

	Declared performances – fire resistance classification Essential characteristics in accordance with EN 15650:2010, art. 4.1.1					
Fire separating construction, location of the damper	Installation type, installation system	Performance  – class of fire resistance				
Solid wall construction  – damper in the wall	Mortar or gypsum 1]	EI 120 (v <sub>e</sub> i↔o) S				
- 100 mm min. wall thickness	Ablative Coated Batt 1]	El 90 (v <sub>e</sub> i↔o) S				
Gypsum plasterboard wall construction	Mortar or gypsum 1]	EI 120 (v <sub>e</sub> i↔o) S				
<ul><li>damper in the wall</li><li>100 mm min. wall thickness</li></ul>	Ablative Coated Batt 1]	El 90 (v <sub>e</sub> i↔o) S				
Solid ceiling construction  – damper in the ceiling  – 150 mm min. ceiling thickness	Mortar or gypsum 1]	EI 120 (h₀ i↔o) S				

<sup>&</sup>lt;sup>1]</sup> Refer to <u>Technical documentation</u> for the details of the installation type / installation system.

7b.	Declared performances – essential characteristics				
Essential characteristics		Requirements (provisions of the harmonised standard EN 15650:2010)	Performance (lever or class) / Compliance with the requirements		
Nominal activation conditions/sensitivity:		4.2.1.2	Conforms		
<ul> <li>sensing element load bearing capacity</li> </ul>		4.2.1.2.2	Conforms		
<ul> <li>sensing element response temperature</li> </ul>		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		
	bility of operational reliability: ening and closing cycle tests	4.3.3.2	Dampers with control mechanisms - 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, 2025-01-02

Jan Mičan CEO, Ppa MANDÍK, a.s.

7c. Declared per	Declared performances – other characteristics				
Characteristics		Technical standard	Performance (lever or class) / Compliance with the requirements		
Resistance against of	corrosion	BS EN 15650:2010, art. 4.2.2 BS EN 15650:2010, Annexe B	Conforms		
Damper blade tightn	ess	BS EN 1751:2024	Class 3		
Damper casing tighti	ness	BS EN 1751:2024	Class ATC 3 (old marking "C")		