DECLARATION OF PERFORMANCE
No. PM/FDMB/02/25/1

1.	Unique identification code of the product-type	**FDMB**
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 TPM 164/22
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	BS EN 15650:2010
	UK Approved Body	UK Approved body No. 2822 Efectis UK/Ireland Limited, Shore Road, Jordanstown, BT37 0QB, United Kingdom
	Output documents of the UK Approved Body	2822-UKCA-CPR-0141

7a.	**Declared performances – fire resistance classification** Essential characteristics in accordance with Annex ZA of BS 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 – 100 mm min. wall thickness	Mortar or gypsum [1]	EI 120 (v_e i↔o) S
	Fire batt / Ablative Coated Batt [1]	EI 90 (v_e i↔o) S
Solid wall construction – damper outside the wall – 100 mm min. wall thickness	Insulation of the duct with mineral wool + Fire batt / Ablative Coated Batt – ISOVER ULTIMATE PROTECT [1]	EI 90 (v_e i↔o) S
Gypsum plasterboard wall construction – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum [1]	EI 120 (v_e i↔o) S
	Ablative Coated Batt [1]	EI 90 (v_e i↔o) S
Gypsum plasterboard wall construction EI60 – damper in the wall – 100 mm min. wall thickness	Ablative Coated Batt [1]	EI 60 (v_e i↔o) S
Gypsum plasterboard wall construction – damper in the wall – 75 mm min. wall thickness	Ablative Coated Batt 50mm [1]	EI 45 (v_e i↔o) S EI 30 (v_e i↔o) S
Gypsum plasterboard wall construction – damper remote the wall – 100 mm min. wall thickness	Insulation of the duct with mineral wool + Fire batt / Ablative Coated Batt – ISOVER ULTIMATE PROTECT [1]	EI 90 (v_e i↔o) S
Solid ceiling construction – damper in the ceiling – ceiling thickness min 150mm	Mortar or gypsum [1]	EI 120 (h_o i↔o) S
	Ablative Coated Batt [1]	

(table continues)

1] Refer to Technical documentation for the details of the installation type / installation system.

(continuation of the table)

EN Spec British Gypsum shaftwall construction EI 90 – wall thickness min. 92 mm	Ablative Coated Batt [1]	EI 90 (v_e i↔o) S
EN Spec British Gypsum shaftwall construction EI 60 – wall thickness min. 87 mm	Ablative Coated Batt [1]	EI 60 (v_e i↔o) S

1] Refer to Technical documentation for the details of the installation type / installation system.

7b.	**Declared performances – essential characteristics** Essential characteristics in accordance with BS EN 15650:2010, art. 4.1.1	
Essential characteristics	*Requirements (provisions of the harmonised standard BS EN 15650:2010)*	*Performance (lever or class) / Compliance with the requirements*
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	Dampers with control mechanisms - manual Mandík M: NPD - Belimo: $C_{10.000}$

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.

Declared performances – other characteristics		
Characteristics	*Technical standard*	*Performance (lever or class) / Compliance with the requirements*
Resistance against corrosion	BS EN 15650:2010, art. 4.2.2 BS EN 15650:2010, Annexe B	Conforms
Damper blade tightness	BS EN 1751:2024	Class 2
Damper casing tightness	BS EN 1751:2024	For A < 160 mm or B < 160 mm Class ATC 4 (old marking “B”), for other sizes class ATC 3 (old marking “C”)