

DECLARATION OF PERFORMANCE No. PM/FDMS/01/25/1

1.	Unique identification code of the product-type	FDMS
2.	Products	Dampers – Fire dampers
		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 TPM 125/17
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		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-2024/0184 Assessment Report of Performance of Construction Product No. P-1391-CPR-2024/0184

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 2 Solid wall construction Amper on the wall - 100 mm min. wall thickness Solid wall construction - damper remote from the wall - 100 mm min. wall thickness Isover Ultimate Protect Wired Mat - mineral wool 1 Paroc HVAC Fire Mat BlackCoat - fire resistant mastic 1 Construction - damper on the wall - 100 mm min. wall thickness Isover Ultimate Protect Wired Mat EI 60 (v _e) S [V/H] 3 Gypsum plasterboard wall construction Mineral wool 1 - 100 mm min. wall thickness Isover Ultimate Protect Wired Mat EI 60 (v _e) S [V/H] 3	7a. Declared performances	Declared performances – fire resistance classification		
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		 fire resistant mastic ¹ 	EI 00 (Ve) 3 [V/H]	

(table continues)

^{1]} Refer to <u>Technical documentation</u> for the details of the installation type / installation system.

^{2]} Fire resistance class marking in accordance with Commission regulation (EU) 2024/1681.

^{3]} Tested at increased underpressure of 500 Pa.

(continuation of the table)

Fire separating construction, location of the damper	Installation type, installation system	Performance – class of fire resistance ²
Sandwich wall construction – damper on the wall – 100 mm min. wall thickness	Fire resistant mastic ^{1]} Mineral wool ^{1]}	EI 45 (v _e) S [V/H] ^{3]}
Sandwich wall construction – damper remote from the wall – 100 mm min. wall thickness	Isover Ultimate Protect Wired Mat – fire resistant mastic 1] Isover Ultimate Protect Wired Mat – mineral wool 1]	EI 60 (v _e) S [V/H] ^{3]}
CLT wooden wall construction – damper on the wall – 90 mm min. wall thickness	Fire resistant mastic 1]	EI 60 (v _e) S [V/H]
Solid floor construction – damper on the floor – 150 mm min. floor thickness	Fire resistant mastic ^{1]} Mineral wool ^{1]}	EI 60 (h _o) S [H] ^{3]}
Solid floor construction – damper remote from the floor – 150 mm min. floor thickness	Isover Ultimate Protect Wired Mat – fire resistant mastic 1] Isover Ultimate Protect Wired Mat – mineral wool 1]	EI 60 (h _o) S [H] ^{3]}

^{1]} Refer to <u>Technical documentation</u> for the details of the installation type / installation system.

^{3]} Tested at increased underpressure of 500 Pa.

7b.	Declared performances – essential characteristics			
Essential characteristics		Requirements (provisions of the harmonised standard EN 15650:2010)	Performance (lever or class) / Compliance with the requirements	
Nom	inal activation conditions/sensitivity:	4.2.1.2	Conforms	
– ser	nsing 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	
Oper – cyc	ational reliability: Sling	4.3.1, a)	50 cycles – conforms	
– ser	bility of response delay: sing element response to temperature oad bearing capacity	4.2.1.2.2 4.2.1.2.3	Conforms	
Dura	bility of operational reliability: ening and closing cycle tests	4.3.3.2	Dampers with mechanism – manual Mandík M – Belimo: C _{10.000} – Gruner: C _{MOD}	

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, 2025-01-02

Mgr. Jan Mičan CEO, Ppa MANDÍK, a.s.

Declared performances – other characteristics				
Characteristics	Technical standard	Performance (lever or class) / Compliance with the requirements		
Damper blade tightness	EN 1751:2024	Class 2		
Damper casing tightness	EN 1751:2024	Class ATC 3 (old marking "C")		

^{2]} Fire resistance class marking in accordance with Commission regulation (EU) 2024/1681.