DECLARATION OF PERFORMANCE
No. PM/FDML/01/23/1

1.	Unique identification code of the product-type	**FDML**
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 130/17
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
	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-2020/0130/O1 Assessment Report of Performance of Construction Product No. P-1391-CPR-2020/0130

7a.	**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 – 100 mm min. wall thickness – damper in the wall – connected to duct with forced air flow	Mortar or gypsum. [1] For wall thicknesses inferior to 150 mm, fire resistant cover plates used.	E 120 (v_e i↔o) S EI 90 (v_e i↔o) S
	Weichschott/Ablative coated batt [1] [2] For wall thicknesses inferior to 150 mm, fire resistant cover plates used.	
Gypsum plasterboard wall construction – 100 mm min. wall thickness – damper in the wall – connected to duct with forced air flow	Mortar or gypsum. [1] For wall thicknesses inferior to 150 mm, fire resistant cover plates used.	
	Weichschott/Ablative coated batt [1] [2] For wall thicknesses inferior to 150 mm, fire resistant cover plates used.	
Solid ceiling construction – 150 mm min. ceiling thickness – damper in the ceiling – connected to duct with forced air flow	Mortar or gypsum. [1]	E 120 (h_o i↔o) S EI 90 (h_o i↔o) S

(table continues)

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

2] Materials of the fire-resistant panel and paint may be replaced by a similar approved system of the equivalent performance.

(continuation of the table)

Fire separating construction, location of the damper	*Installation type, installation system*	*Performance – class of fire resistance*
Solid wall construction – 100 mm min. wall thickness – damper in the wall – not connected to duct, natural convection, with grilles on both sides	Mortar or gypsum. [1] For wall thicknesses inferior to 150 mm, fire resistant cover plates used.	EI 120 (v_e i↔o)
	Weichschott/Ablative coated batt [1] [2] For wall thicknesses inferior to 150 mm, fire resistant cover plates used.	
Gypsum plasterboard wall construction – 100 mm min. wall thickness – damper in the wall – not connected to duct, natural convection, with grilles on both sides	Mortar or gypsum. [1] For wall thicknesses inferior to 150 mm, fire resistant cover plates used.	
	Weichschott/Ablative coated batt [1] [2] For wall thicknesses inferior to 150 mm, fire resistant cover plates used.	
Solid ceiling construction – 100 mm min. ceiling thickness – damper in the ceiling – not connected to duct, natural convection, with grilles on both sides	Mortar or gypsum. [1]	EI 120 (h_o i↔o)

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

2] Materials of the fire-resistant panel and paint may be replaced by a similar approved system of the equivalent performance.

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
– 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	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, 2023-10-20

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	EN 15650:2010, art. 4.2.2 EN 15650:2010, Annexe B	Conforms
Application with no ducting	EN 1366-2:2015 art. 6.2.7	Conforms
Damper blade tightness	EN 1751:2014	Class 3
Damper casing tightness	EN 1751:2014	Class B