

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		
<i>Fire separating construction, location of the damper</i>	<i>Installation type, installation system</i>	<i>Gap width (mm)</i>	<i>Performance – class of fire resistance ²⁾</i>
Standard low- and high-density rigid wall construction according to EN 1363-1 – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum ¹⁾	50–150	EI 120 (v _e) S [V/H] ³⁾
	Ablative coated batt ¹⁾	40–200	EI 90 (v _e) S [V/H]
Standard low- and high-density rigid wall construction according to EN 1363-1 – damper remote from the wall – 100 mm min. wall thickness	Insulation of the duct with mineral wool ISOVER ULTIMATE PROTECT th.120 mm (2x60) + Ablative coated batt ¹⁾	40–100	EI 90 (v _e) S [V/H]
Standard flexible wall construction, min. EI 90 according to EN 1363-1 – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum ¹⁾	50–150	EI 120 (v _e) S [V/H] ³⁾
	Ablative coated batt ¹⁾	40–200	EI 90 (v _e) S [V/H]
	Flexible ceiling – installation frame E5 ¹⁾	N/A	
Standard flexible wall construction, min. EI 60 according to EN 1363-1 – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum ¹⁾	50–150	EI 60 (v _e) S [V/H]
	Ablative coated batt ¹⁾	40–130	
Standard flexible wall construction, min. EI 30 according to EN 1363-1 – damper in the wall – 75 mm min. wall thickness	Mortar or gypsum ¹⁾	50–150	EI 30 (v _e) S [V/H] EI 45 (v _e) S [V/H]
	Ablative coated batt ¹⁾	40–155	

(table continues)

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

²⁾ Fire resistance class markings in accordance with Commission Regulation (EU) 2024/1681.

³⁾ Tested at increased underpressure of 500 Pa.

(continuation of the table)

<i>Fire separating construction, location of the damper</i>	<i>Installation type, installation system</i>	<i>Gap width (mm)</i>	<i>Performance – class of fire resistance ²⁾</i>
Standard flexible wall construction, min. <u>EI 90</u> according to EN 1363-1 – damper remote from the wall – 100 mm min. wall thickness	Insulation of the duct with mineral wool ISOVER ULTIMATE PROTECT th.120 mm (2x60) + ablative coated batt ¹⁾	40–100	EI 90 (v _e) S [V/H]
Non-standard CLT wooden wall construction min. <u>REI 60</u> – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum ¹⁾	50–150	EI 90 (v _e) S [V/H]
	Ablative coated batt ¹⁾	40–200	
Non-standard lightweight wall construction – ROCKWOOL Cavity Barrier EN – damper in the wall – 100 mm min. wall thickness	See Technical documentation ¹⁾	N/A	EI 60 (v _e) S [V/H]
Non-standard asymm. shaft wall construction, min. <u>EI 60</u> , made of gypsum plasterboards (2 × 12,5 mm and 1 × 19 mm) with steel studs. – damper in the wall – 85 mm min. wall thickness	Mortar or gypsum ¹⁾	50–150	EI 60 (v _e) S [V/H]
		50	EI 90 (v _e) S [V/H]
	Ablative coated batt ¹⁾	40–130	EI 60 (v _e) S [V/H]
		100	EI 90 (v _e) S [V/H]
Standard low- and high-density rigid floor construction according to EN 1366-2 – damper in the floor – 150 mm min. floor thickness	Mortar or gypsum ¹⁾	50–150	EI 90 (h _o) S [H] ³⁾
		50	EI 120 (h _o) S [H] ³⁾
	Ablative coated batt ¹⁾	40–200	EI 90 (h _o) S [H]
Non-standard CLT wooden floor construction min <u>REI 60</u> – damper in the floor – 140 mm min. floor thickness	Mortar or gypsum ¹⁾	50–150	EI 90 (h _o) S [H]
	Ablative coated batt ¹⁾	40–200	

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

²⁾ Fire resistance class markings in accordance with Commission Regulation (EU) 2024/1681.

³⁾ Tested at increased underpressure of 500 Pa.

7b. Declared performances – essential characteristics		
Essential characteristics in accordance with BS EN 15650:2010, art. 4.1.1		
<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 mechanisms MANDÍK manual M: NPD BELIMO: C _{10.000}
– opening and closing cycle tests		

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, 2026-01-16


Jan Mičan
CEO, Ppa
MANDÍK, a.s.

Declared performances – other characteristics		
<i>Characteristics</i>	<i>Technical standard</i>	<i>Performance (lever or class) / Compliance with the requirements</i>
Resistance against corrosion	BS EN 15650:2010, art. 4.2.2 BS EN 15650:2010, Annexe B	Conforms
Application with no ducting	BS EN 1366-2:2015 art. 6.2.7	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”).