

1.	Unique identification code of the product-type	<b>FDMB</b>
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 <a href="#">TPM 075/09</a>
3.	Manufacturer	MANDÍK, a.s. Dobříšská 550, 26724 Hostomice, Czech Republic ID 26718405, tel. +420 311 706 706 <a href="mailto:mandik@mandik.cz">mandik@mandik.cz</a> , <a href="http://www.mandik.com">www.mandik.com</a>
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-2026/0074 Assessment Report of Performance of Construction Product No. P-1391-CPR-2026/0074

7a. <b>Declared performances – fire resistance classification</b> Essential characteristics in accordance with 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</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 <sup>1)</sup>	50–150	EI 120 (v <sub>e</sub> ) S [V/H] <sup>2)</sup>
	Battery – mortar or gypsum <sup>1)</sup>	50–150	EI 90 (v <sub>e</sub> ) S [H]
	Mineral wool with fire resistant coating and calcium silicate boards <sup>1)</sup>	40–75	EI 90 (v <sub>e</sub> ) S [V/H]
	Installation frame E1, E4 <sup>1)</sup>	N/A	
	Installation frame E2 – Mortar or gypsum <sup>1)</sup>	50–150	
	Ablative coated batt <sup>1)</sup>	40–200	
	2 to 4 dampers in one opening – Mortar or gypsum <sup>1)</sup>	50–150	
2 to 4 dampers in one opening – Ablative coated batt <sup>1)</sup>	40–130		
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 Rockwool Conlit Ductrock EIS 120 th. 60mm – Mineral wool with fire resistant coating and calcium silicate boards <sup>1)</sup>	50	EI 120 (v <sub>e</sub> ) S [V/H]
	Insulation of the duct with Rockwool Conlit Ductrock EIS 90 th. 60mm – Mineral wool with fire resistant coating and calcium silicate boards <sup>1)</sup>	40–75	EI 90 (v <sub>e</sub> ) S [V/H]
	Insulation of the duct with calcium silicate boards - Installation frame E6 – Mortar or gypsum <sup>1)</sup>	50–150	
	Insulation of the duct with ISOVER ULTIMATE PROTECT th. 120 mm (2x60) – Ablative coated batt <sup>1)</sup>	40–100	
	Insulation of the duct with ISOVER ULTIMATE PROTECT th. 80 – Ablative coated batt <sup>1)</sup>	40–100	EI 60 (v <sub>e</sub> ) S [V/H]

(table continues)

<sup>1)</sup> Refer to [Technical documentation](#) for the details of the installation type / installation system.

<sup>2)</sup> 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</i>
Standard flexible wall construction, min. EI 90 according to EN 1363-1 – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	50–150	EI 120 (v <sub>e</sub> ) S [V/H] <sup>2)</sup>
	Battery – mortar or gypsum <sup>1)</sup>	50–150	EI 90 (v <sub>e</sub> ) S [H]
	Mineral wool with fire resistant coating and calcium silicate boards <sup>1)</sup>	40–75	EI 90 (v <sub>e</sub> ) S [V/H]
	Installation frame E1, E3 <sup>1)</sup>	N/A	
	Ablative coated batt <sup>1)</sup>	40–200	
	Flexible ceiling - Installation frame E5 <sup>1)</sup>	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 <sup>1)</sup>	50–150	EI 60 (v <sub>e</sub> ) S [V/H]
	Ablative coated batt <sup>1)</sup>	40–130	
	2 to 4 dampers in one opening – Mortar or gypsum <sup>1)</sup>	50–150	EI 90 (v <sub>e</sub> ) S [V/H]
	2 to 4 dampers in one opening – Ablative coated batt <sup>1)</sup>	40–200	
Standard flexible wall construction, min. EI 30 according to EN 1363-1 – damper in the wall – 75 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	50–150	EI 30 (v <sub>e</sub> ) S [V/H] EI 45 (v <sub>e</sub> ) S [V/H]
	Ablative coated batt <sup>1)</sup>	40–155	
Non-standard lightweight framed (gypsum plasterboard) wall construction with a minimum fire resistance rating of EI 60, consisting of 60 × 60 mm timber studs and lined on both sides with 2 × 12.5 mm gypsum plasterboards, minimum Type F in accordance with EN 520. – damper in the wall – 110 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	50–150	EI 90 (v <sub>e</sub> ) S [V/H]
	Ablative coated batt <sup>1)</sup>	40–130	
Non-standard lightweight framed (gypsum plasterboard) wall construction with a minimum fire resistance rating of EI 60, lined on both sides with 1 × 15 mm gypsum plasterboards, minimum Type D, F, I, R in accordance with EN 520. – damper in the wall – 80 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	50–150	EI 90 (v <sub>e</sub> ) S [V/H]
	Ablative coated batt <sup>1)</sup>	40–130	
Standard flexible wall construction, min. EI 90 according to EN 1363-1 – damper remote from the wall – 100 mm min. wall thickness	Insulation of the duct with Rockwool Conlit Ductrock EIS 120 th. 60mm – Mineral wool with fire resistant coating and calcium silicate boards <sup>1)</sup>	50	EI 120 (v <sub>e</sub> ) S [V/H]
	Insulation of the duct with Rockwool Conlit Ductrock EIS 90 th. 60mm – Mineral wool with fire resistant coating and calcium silicate boards <sup>1)</sup>	40–75	EI 90 (v <sub>e</sub> ) S [V/H]
	Insulation of the duct with ISOVER ULTIMATE PROTECT th. 120 mm (2x60) – Ablative coated batt <sup>1)</sup>	40–100	
	Insulation of the duct with ISOVER ULTIMATE PROTECT th. 80 – Ablative coated batt <sup>1)</sup>	40–100	EI 60 (v <sub>e</sub> ) S [V/H]

(table continues)

<sup>1)</sup> Refer to [Technical documentation](#) for the details of the installation type / installation system.

<sup>2)</sup> 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</i>
Non-standard CLT wooden wall construction min. REI 60 – damper in the wall – 100 mm min. wall thickness	Mortar or gypsum <sup>1)</sup>	50–150	EI 90 (v <sub>e</sub> ) S [V/H]
	Ablative coated batt <sup>1)</sup>	40–200	
Non-standard lightweight wall construction – ROCKWOOL Cavity Barrier EN – damper in the wall – 100 mm min. wall thickness	See Technical documentation <sup>1)</sup>	N/A	EI 60 (v <sub>e</sub> ) S [V/H]
Non-standard asymm. shaft wall construction, min. EI 60, 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 <sup>1)</sup>	50–150	EI 60 (v <sub>e</sub> ) S [V/H]
		50	EI 90 (v <sub>e</sub> ) S [V/H]
	Ablative coated batt <sup>1)</sup>	40–130	EI 60 (v <sub>e</sub> ) S [V/H]
		100	EI 90 (v <sub>e</sub> ) S [V/H]
Non-standard sandwich wall construction with a minimum fire resistance rating of EI 60 – damper in the wall – 100 mm min. wall thickness	Ablative coated batt with calcium silicate boards <sup>1)</sup>	40–130	EI 90 (v <sub>e</sub> ) S [V/H]
Standard low- and high-density rigid floor construction according to EN 1366-2 – damper in the ceiling – 150 mm min. ceiling thickness	Mortar or gypsum <sup>1)</sup>	50–150	EI 90 (h <sub>o</sub> ) S [H] <sup>2)</sup>
		50	EI 120 (h <sub>o</sub> ) S [H] <sup>2)</sup>
	Installation frame E1, E4 <sup>1)</sup>	N/A	EI 90 (h <sub>o</sub> ) S [H]
	Installation frame E2 – Mortar or gypsum <sup>1)</sup>	50–150	
	Ablative coated batt <sup>1)</sup>	40–200	EI 120 (h <sub>o</sub> ) S [H]
	2 to 4 dampers in one opening – Mortar or gypsum <sup>1)</sup>	50–150	
2 to 4 dampers in one opening – Ablative coated batt <sup>1)</sup>	40–130		
Standard low- and high-density rigid floor construction according to EN 1366-2 – damper on the ceiling – 150 mm min. ceiling thickness	Concrete <sup>1)</sup>	50–150	EI 60 (h <sub>o</sub> ) S [H]
		50	EI 90 (h <sub>o</sub> ) S [H]
Standard low- and high-density rigid floor construction according to EN 1366-2 – damper remote from the ceiling – 150 mm min. ceiling thickness	Insulation of the duct with Rockwool Conlit Ductrock EIS 90 th. 60 mm – Mortar or gypsum <sup>1)</sup>	50–150	EI 90 (h <sub>o</sub> ) S [H]
	Insulation of the duct with calcium silicate boards - Installation frame E6 – Mortar or gypsum <sup>1)</sup>	50–150	
Non-standard CLT wooden ceiling construction min. REI 60 – damper in the ceiling – 140 mm min. ceiling thickness	Mortar or gypsum <sup>1)</sup>	50–150	EI 90 (h <sub>o</sub> ) S [H]
	Ablative coated batt <sup>1)</sup>	40–200	

<sup>1)</sup> Refer to [Technical documentation](#) for the details of the installation type / installation system.

<sup>2)</sup> 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
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
– opening and closing cycle tests		- MANDÍK M: NPD - MANDÍK MODULAR: C <sub>300</sub> - BELIMO: C <sub>10.000</sub> - SCHISCHEK: C <sub>10.000</sub> - GRUNER: C <sub>MOD</sub>

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, 2026-06-10



Mgr. 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 1751:2024	Class 2
Damper casing tightness	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").