

1.	Unique identification code of the product-type	<b>FDMQ 120</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 162/22</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	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-0142

7a.	<b>Declared performances – fire resistance classification</b> Essential characteristics in accordance with 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</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 [H] <sup>2)</sup>
	Battery – mortar or gypsum <sup>1)</sup>	50–150	EI 120 (v <sub>e</sub> ) S [H]
	Ablative Coated Batt <sup>1)</sup>	50–180	
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 + Ablative Coated Batt – ISOVER ULTIMATE PROTECT <sup>1)</sup>	100	EI 120 (v <sub>e</sub> ) S [H]
	Flamebar EN Fire Duct – FPL 110 insulation <sup>1)</sup>	60	
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 120 (v <sub>e</sub> ) S [H] <sup>2)</sup>
	Battery – mortar or gypsum <sup>1)</sup>	50–150	EI 120 (v <sub>e</sub> ) S [H]
	Ablative Coated Batt <sup>1)</sup>	50–180	
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 mineral wool + Ablative Coated Batt – ISOVER ULTIMATE PROTECT <sup>1)</sup>	100	EI 120 (v <sub>e</sub> ) S [H]
	Flamebar EN Fire Duct – FPL 110 insulation <sup>1)</sup>	60	

(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>Performance – class of fire resistance</i>
Non-standard Sandwich wall construction – Euroclad Firemaster Extra – damper in the wall – wall thickness min. 150 mm	Mineral wool with fire resistant mastic and calcium silicate boards <sup>1)</sup>	50–200	EI 120 (v <sub>e</sub> ) S [H]
Non-standard asymm. shaft wall construction, min. EI 120, made of gypsum plasterboards (3 × 15 mm and 1 × 19 mm) with steel studs. – British gypsum ref. A306030 – damper in the wall – wall thickness min. 107 mm	Mortar or gypsum <sup>1)</sup>	50–150	EI 120 (v <sub>e</sub> ) S [H]
	2 dampers in one installation opening – mortar or gypsum <sup>1)</sup>	50–150	
	2 dampers in one installation opening – ablative coated batt <sup>1)</sup>	50–90	
Non-standard asymm. shaft wall construction, min. EI 120, made of gypsum plasterboards (3 × 15 mm and 1 × 19 mm) with steel studs. – SINIAT ref. CH60B19FC#315F – damper in the wall – wall thickness min. 105 mm	Mortar or gypsum <sup>1)</sup>	50–150	EI 120 (v <sub>e</sub> ) S [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 <sup>1)</sup>	50–150	EI 120 (h <sub>o</sub> ) S [H] <sup>3)</sup>
	Battery – mortar or gypsum <sup>1)</sup>	50–150	EI 120 (h <sub>o</sub> ) S [H]

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

<sup>3)</sup> Tested at increased underpressure of 500 Pa.

7b.	<b>Declared performances – essential characteristics</b> Essential characteristics in accordance with BS EN 15650:2010, art. 4.1.1	
<i>Essential characteristics</i>	Requirements (provisions of the harmonised standard BS EN 15650:2010)	<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): – 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 <sub>10.000</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 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, 2025-11-12

Jan Mičan  
CEO, Ppa  
MANDÍK, a.s.

<b>Declared performances – other characteristics</b>		
<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
Damper blade tightness	BS EN 1751:2024	Class 2
Damper casing tightness	BS EN 1751:2024	Class ATC 3 (old marking “C”)