

1.	Unique identification code of the product-type	FDMQ 120
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 166/22
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.	Designated 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.	Declared performances – fire resistance classification 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 ¹⁾	50–150	EI 120 (v _e) S [H] ²⁾
		Battery – mortar or gypsum ¹⁾	50–150	EI 120 (v _e) S [H]
		Ablative Coated Batt ¹⁾	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 ¹⁾	100	EI 120 (v _e) S [H]
		Flamebar EN Fire Duct – FPL 110 insulation ¹⁾	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 ¹⁾	50–150	EI 120 (v _e) S [H] ²⁾
		Battery – mortar or gypsum ¹⁾	50–150	EI 120 (v _e) S [H]
		Ablative Coated Batt ¹⁾	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 ¹⁾	100	EI 120 (v _e) S [H]
		Flamebar EN Fire Duct – FPL 110 insulation ¹⁾	60	

(table continues)

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

²⁾ 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 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 ¹⁾	50–200	EI 120 (v _e) 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 ¹⁾	50–150	EI 120 (v _e) S [H]
	2 dampers in one installation opening – mortar or gypsum ¹⁾	50–150	
	2 dampers in one installation opening – ablative coated batt ¹⁾	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 ¹⁾	50–150	EI 120 (v _e) 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 ¹⁾	50–150	EI 120 (h _o) S [H] ²⁾
	Battery – mortar or gypsum ¹⁾	50–150	EI 120 (h _o) S [H]

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

²⁾ 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 BS 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	4.2.1.2.3	
and load bearing capacity		
Durability of operational reliability:	4.3.3.2	Dampers with control mechanisms
– opening and closing cycle tests		MANDÍK manual M: NPD BELIMO: C _{10.000}

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, as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

In Hostomice, 2026-06-10



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
Damper blade tightness	BS EN 1751:2024	Class 2
Damper casing tightness	BS EN 1751:2024	Class ATC 3 (old marking "C")