

DECLARATION OF PERFORMANCE N°16.3

DoP_FBC4n16rev3da29092025_E

1	Single identification code of the product-type	FBC4
2	Intended use	Circular fire dampers leakage rated (300Pa) for use in heating, ventilation and air-conditioning (HVAC) systems at fire boundaries to maintain compartmentation and protect means of escape in case of fire.
3	Manufacturer	MP3 srl - Via Giorgio La Pira, 9A/B- 35012 Camposampiero PD Italia
4	Authorised representative	*
5	Verification system of the constancy of performance	System 1
6a	Harmonised standard	EN 15650 2010
	Certificate of constancy of performance – CE	1812-CPR-1632
	Notified body	Efectis France n° 1812
	Certificate of constancy of performance – UKCA	2822-UKCA-CPR-0032
	Notified body	Efectis UK / Ireland n° 2822
6b	European assessment document	*
	European technical assessment	*
	Technical assessment body	*
	Notified bodies	*
7	Performances	The declared performances refer to the product used consistently with the intended use described in point 2 and correctly installed in accordance with the instructions in the technical manual and installation manual. In case of use different from the intended one and/or in the case of installation other than that described in the product's technical manual and installation manual, no performance can be declared.
Nominal activation conditions / sensitivity ISO 10294-4 ISO 21925-1		sensing element load bearing capacity conform
		sensing element response temperature conform
Response delay EN 1366-2		closure time <2min conform
Operational reliability EN 1366-2 EN 15650 – cycling test		manual 50 cycles conform
Durability of operational reliability EN 15650 Open and closing cycle		300 cycles conform

Fire resistance EN 1366-2 EN 13501-3	Integrity E	Insulation I	Smoke leakage S
	Mechanical stability (under E)	Maintenance of cross section (under E)	

(*) In accordance with EU Regulation 305/2011, points 4, 6b and 8 do not apply to this product.

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	Position	Features	Sealing	Note	Fire resistance class
Rigid wall	within the wall	Min. thickness 100mm, min. density 550kg/m ³	mortar or plaster	A B E F	EI 90 (ve i↔o) S (300Pa)
			rockwool and plasterboard/calcium silicate	A B E F	EI 90 (ve i↔o) S (300Pa)
			rockwool and mortar or plaster	A B E F	EI 90 (ve i↔o) S (300Pa)
			sealed with fire batt / Weichschott	A B E F	EI 90 (ve i↔o) S (300Pa)
Light wall	within the wall	Light A-type or higher plasterboard wall min. thickness 100mm, metal studs, optional rock wool insulation, optional sheet metal safety reinforcement	mortar or plaster	A B E F	EI 90 (ve i↔o) S (300Pa)
			rockwool and plasterboard/calcium silicate	A B E F	EI 90 (ve i↔o) S (300Pa)
			rockwool and mortar or plaster	A B E F	EI 90 (ve i↔o) S (300Pa)
			sealed with fire batt / Weichschott	A B E F	EI 90 (ve i↔o) S (300Pa)
		in gypsum blocks min. thickness 100mm	mortar or plaster	A B E F	EI 90 (ve i↔o) S (300Pa)
			rockwool and plasterboard/calcium silicate	A B E F	EI 90 (ve i↔o) S (300Pa)
			rockwool and mortar or plaster	A B E F	EI 90 (ve i↔o) S (300Pa)
			sealed with fire batt / Weichschott	A B E F	EI 90 (ve i↔o) S (300Pa)
Floor	within the floor	Min. thickness 100mm, min. density 550kg/m ³	mortar or plaster	A B E	EI 90 (ho i↔o) S (300Pa)
			sealed with fire batt / Weichschott	A B E	EI 90 (ho i↔o) S (300Pa)

NOTE	A installation without duct connection permitted	B minimum distance between two fire dampers 50mm
	C minimum distance between two fire dampers 200mm	D 75mm between fire damper and ceiling or side wall
	E 50mm between fire damper and ceiling or side wall	F blade axis direction at any angle

8	Appropriate technical documentation and/or specific technical documentation	*
9	Declaration	The performances of the product referred to in point 1 are in conformity with the declared performances declared under point 7. This declaration of performance is established under the sole responsibility of the manufacturer identified in point 3.

Camposampiero, 29/09/2025

Giuseppe Lanzilao
General Manager MP3

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