

DECLARATION OF PERFORMANCE N°1.11

DoP_WK45n1rev11da29092025_E

1	Single identification code of the product-type	WK45	
2	Intended use	Rectangular fire dampers leakage rated (500Pa / 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-1006	
	Notified body	Efectis France n° 1812	
	Certificate of constancy of performance – UKCA	2822-UKCA-CPR-0023	
	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	<2 min Conform
Operational reliability EN 1366-2 EN 15650 – cycling test		Manual	50 cycles conform
		Motorized	10000+100+100 cycles conform
		With magnet	100+100+100 cycles conform
Durability of response delay EN 15650 Sensing element response temperature and load bearing capacity			Conform
Durability of operational reliability EN 15650 Open and closing cycle			Conform
Tightness class of the casing class ATC 3 (old class C) up to +/-2000Pa EN 1751			Conform
Salt spray exposure test severity class 2 EN 60068-2-52			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	Support features	Sealing	Note	Fire resistance class
Rigid wall	within the wall	Min.thickness 140 mm, density 550 kg/m³	mortar	B D F	EI 180 (ve i↔o) S (500Pa)
		Min.thickness 100 mm, density 550 kg/m³	mortar or plaster	A B D F	EI 120 (ve i↔o) S (500Pa)
			rockwool and plasterboard/calcium silicate	A B D F	EI 120 (ve i↔o) S (500Pa)
			sealed with fire batt / Weichschott	A B E F	EI 120 (ve i↔o) S (300Pa)
Light wall	within the wall	F-type plasterboard wall min. thickness 100mm, metal studs, optional rock wool insulation, optional sheet metal safety reinforcement	mortar or plaster	A B D F	EI 120 (ve i↔o) S (500Pa)
			rockwool and plasterboard/calcium silicate	A B D F	EI 90 (ve i↔o) S (500Pa)
			sealed with fire batt / Weichschott	A B E F	EI 90 (ve i↔o) S (300Pa)
		in gypsum blocks min. thickness 100mm	plaster putty	A B D F	EI 120 (ve i↔o) S (500Pa)
			sealed with fire batt / Weichschott	A B E F	EI 90 (ve i↔o) S (300Pa)
		in gypsum blocks min. thickness 70mm Damper base size ≤1000mm Damper base+height size ≤1600mm	plaster putty	A C D F	EI 90 (ve i↔o) S (300Pa)
		sandwich wall steel sheet / rock wool Paroc AST type	sealed with fire batt / Weichschott	A B E F	EI 90 (ve i↔o) S (300Pa)
Floor	within the floor	Min.thickness 140 mm, density 2200 kg/m³	mortar	B D	EI 180 (ho i↔o) S (500Pa)
		Min.thickness 150 mm, density 650 kg/m³	mortar	A B D	EI 120 (ho i↔o) S (500Pa)
			sealed with fire batt / Weichschott	A C D	EI 120 (ho i↔o) S (300Pa)
		Min.thickness 100 mm, density 650 kg/m³	mortar	A B D	EI 90 (ho i↔o) S (500Pa)

NOTE	A installation without duct connection permitted	B minimum distance between two fire dampers 0mm
	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 horizontal or vertical

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.

Available servomotors	BELIMO	BFN 24 T – BFN24 TST – BFN230 T BF 24 TN – BF24 TNST – BF230 TN
	GRUNER	340TA-024-05-S2- 340TA-230-05-S2- 340TA-024-05-ST01 360TA-024-12-S2- 360TA-230-12-S2- 360TA-024-12-ST01 360TA-024-20-S2- 360TA-230-20-S2- 360TA-024-20-ST01
	SIEMENS	GRA 126 1E T12- GNA 126 1E T12- GGA 126 1E T12 GRA 326 1E T12- GNA 326 1E T12- GGA 326 1E T12

Camposampiero, 29/09/2025

Giuseppe Lanzilao
General Manager MP3

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