

DECLARATION OF PERFORMANCE NR 001-05-CPR-2015

1. Unique identification code of the product type:

Fire cut-off dampers type mcr WIP/S and transfer dampers type mcr WIP/T with a fire resistance classification according EN 13501-3:2005
EI 60 (v_e i ↔ o) S
E 120 (v_e i ↔ o) S
EI 120 (v_e i ↔ o)
E 120 (v_e i ↔ o)

2. Intended use and scope of application of the product:

Fire cut-off type mcr WIP/S are designed to be used in comfort (general) ventilation systems at places where these systems pass through space dividing elements of certain fire resistance class and dampers type mcr WIP/T as a transfer dampers. The fire damper can be used in applications with ducting (mcr WIP/S) or without ducting (mcr WIP/T). The dampers are to prevent the spread of fire and smoke via ventilation systems and bringing up clean air from a protected space to the smoked area (in the case of transfer dampers, which are not connected to any ventilation duct).

3. Manufacturer:

„MERCOR” S.A., ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Production Site Ul. Kwarcowa 3a, Cieplewo and 380-470.

4. System of assessment and verification of constancy of performance of the product:

System 1.

5. Construction product covered by the harmonized standard:

PN-EN 15650:2010 (EN 15650:2010).

6. Notified body name and No., certificate of conformity No.:

Notified Body No. 1396 FIRES, Osloboditel'ov 282, 059 35 Batizovce, Slovakia
Certificate of Constancy of Performance: 1396-CPR-0097

7. Declared performance:

Essential characteristics	EN 15650	Performance		Result
		WIP/S	WIP/T	
Nominal activation conditions/sensitivity	4.2.1.2			Pass
Sensing element response temperature	4.2.1.2.2.	ISO 10294-4: 2001, pkt 4.2		
Sensing element load bearing capacity	4.2.1.2.3	ISO 10294-4: 2001, pkt 4.2		
Response time/ Closure time	4.2.2.2	<2 minutes		Pass
Operational reliability / Cycling	4.3.1. a)	C50		Pass
Fire resistance – integrity	4.1.1 a)	E120 / E60	E120	Pass
Fire resistance – insulation	4.1.1 b)	EI120 / EI60	EI120	Pass
Fire resistance – smoke leakage	4.1.1 c)	EIS120 EISS60	-	Pass
Mechanical stability (E class)	4.1.1 a)	-	-	Pass
Maintenance of the cross section (E class)	4.1.1 a)	-	-	Pass
Operation time durability:	4.2.1.2.2 4.2.1.2.3	-	-	Pass
Reliability:	4.3.3.2	10 000	10 000	Pass

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Systemy zabezpieczeń przeciwpożarowych
Fire protection systems

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8. Additional properties:

Additional characteristics	EN 15650	Performance		Result
		WIP/S	WIP/T	
Fire resistance classification	4.3.2	EI 60 (v _e i ↔ o) S	EI 120 (v _e i ↔ o) /*	Pass
Fire resistance classification	4.3.2	E 120 (v _e i ↔ o) S	E 120 (v _e i ↔ o) /*	Pass
Size range	rectangular damper or rectangular damper with round adapters of the following dimensions: width: from 120 to 1,000 [mm], height: from 160 to 1,000 [mm]			
Installation	rigid walls/shafts made of concrete blocks, hollow masonry units, masonry walls/ shafts – min. thickness 120 mm or of the resistance greater than or equal to the fire resistance of the damper /* with vertical and horizontal axis, assembly including the fire grill, according to the manufacturer guidelines,			
Release and control mechanisms	Belimo electric actuators type: BF...-T (-ST), BF...-TN (-ST), BFL...-T (-ST), BFN...-T (-ST), voltages 24V and 230V, EXBF24-T, BF24TL-T-ST,			

The performance of the product identified above is in conformity with the set of declared performance/s (point 7). This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Gdańsk, 29.11.2022



Tomasz Kobyliński
KIEROWNIK ZAKŁADU PRODUKCJI
SYSTEMÓW WENTYLACJI POŻAROWEJ
Tomasz Kobyliński

Rev.10

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