

DECLARATION OF PERFORMANCE

NO. 005-05-CPR-2015

- 1. Product name:**
Fire dampers type mcr FID S/V p/P.
- 2. Type, batch or serial No.:**
A unique serial number of each damper is provided on the label.
- 3. Intended use and scope of application of the product:**
Fire dampers and multiple fire dampers sets type mcr FID S/V p/P are designed to be used in fire ventilation systems at places where these systems pass through space dividing elements of certain fire resistance class. The dampers are designed to be control single and multiple fire zones.
- 4. Manufacturer:**
MERCOR SA, ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Zakład Produkcyjny (Production Site), Ul. Kwarцова 3a, 83-031 Cieplewo, Poland, 380-470 and 48-593.
- 5. System of assessment and verification of constancy of performance of the product:**
System 1.
- 6. Construction product covered by the harmonized standard:**
PN-EN 12101-8:2012 (EN 12101-8:2011).
- 7. Notified body name and No., certificate of conformity No.:**
Notified body No.1488, ITB, ul. Filtrowa 1 00-611 Warszawa, Poland.
Certificate of Constancy of Performance: 1488-CPR-0448/W.
Notified body No.2434, Centrum Techniki Okrętowej S.A, ul. Szczecińska 65, 80-392 Gdańsk.
Certificate of Constancy of Performance: 2434-CPR-0029.
- 8. Declared performance:**

Essential characteristics	EN 12101-8:2011	Performance	Result
Nominal activation condition/ sensitivity	4.2.1.3	EI60*** / EI120**/**/****	Pass
Response time/ Closure time	4.2.1.4	30s /60s	Pass
Operation reliability/ Closure time	4.3.2.2	C300* C10 000**/**/****	Pass
Fire resistance – integrity	4.1.1 a)	E60*** / EI120**/**/****	Pass
Fire resistance – insulation	4.1.1 b)	EI60*** / EI120**/**/****	Pass
Fire resistance – smoke leakage	4.1.1 c)	EI60*** / EIS120**/**/****	Pass
Durability of operational reliability	4.3.3.2	300* i 10.000**/**/****	Pass
Fire resistance classification	4.3.2	EI 120 (v _{ew} i↔o) S1000C ₃₀₀ AAmulti* EI 120 (v _{ew} i↔o) S1500C _{10 000} AAmulti** EI 60 (v _{ew} i↔o) S1500C _{10 000} AAmulti*** EI 120 (v _{ew} i↔o) S1000C _{10 000} AAmulti****	Pass
Size range	Rectangular damper: 200x200 do 1500x1500 [mm], max surface is not greater than 1,5m ² * Rectangular damper: 200x200 do 1500x1500 [mm], max surface is not greater than 1,25m ² ** A multiple fire dampers set consisting 3 or 2 rectangular dampers: from 200x200 up to 710x1500 [mm], with vertical axis of rotation, release and control mechanisms at the top or bottom of the damper set.***/****		
Insulation	Rigid walls/shafts made of concrete blocks, hollow masonry units, masonry walls: 120mm **/**/**** Walls/shafts made of boards – min. wall thickness: 125mm**		
Release and control mechanisms	Belimo electric actuator type: BE...(-ST), BLE...(-ST) voltage: 24V i 230V		

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, under the sole responsibility of the manufacturer identified above.



Tomasz Kobyliński
KIEROWNIK ZAKŁADU PRODUKCJI
SYSTEMÓW WENTYLACJI POŻAROWEJ

Tomasz Kobyliński

Gdańsk, 22.03.2019

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