

## DECLARATION OF PERFORMANCE NO. 003-05-CPR-2015

1. **Product name:**  
Fire dampers type mcr FID PRO.
2. **Type, batch or serial No.:**  
A unique serial No. of each damper is provided on the label.
3. **Intended use and scope of application of the product:**  
Fire dampers type mcr FID PRO 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. The dampers are to prevent the spread of fire and smoke via ventilation systems.
4. **Manufacturer:**  
„MERCOR” S.A., ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Production Site, ul. Kwarцова 3a, 83-031 Ciepłewo and 380-470.
5. **System of assessment and verification of constancy of performance of the product:**  
System 1.
6. **Construction product covered by the harmonised standard:**  
PN-EN 15650:2010 (EN 15650:2010).
7. **Notified body name and No., certificate of conformity No.:**  
Notified Body No. 2434, Centrum Techniki Okrętowej S.A, ul. Szczecińska 65, 80-392 Gdańsk.  
Certificate of Constancy of Performance: 2434-CPR-0009

### 8. Declared performance:

Essential characteristics	EN 15650	Performance		Result
Nominal activation conditions/sensitivity	4.2.1.2			Pass
Sensing element response temperature	4.2.1.2.2.	According to ISO 10294-4:2001, section 4.2		Pass
Sensing element load bearing capacity	4.2.1.2.3	According to ISO 10294-4:2001, section 4.2		Pass
Response time/Closure time	4.2.1.3	< 2 minutes		Pass
Operational reliability/Cycling	4.3.1. a)	C50		Pass
Fire resistance – integrity	4.1.1 a)	E120	E60	Pass
Fire resistance – insulation	4.1.1 b)	I120	I60	Pass
Fire resistance – smoke leakage	4.1.1 c)	S120	S60	Pass
Durability of operational reliability	4.3.3.2	C10.000		Pass
Fire resistance classification	4.3.2	EI 120 (v <sub>e</sub> h <sub>o</sub> i↔o) S	EI 60 (v <sub>e</sub> h <sub>o</sub> i↔o) S	Pass
Fire resistance classification	4.3.2	EI 180 (h <sub>o</sub> i↔o) S	EI 120 (h <sub>o</sub> i↔o) S	Pass
Size range	round damper, dimensions: from DIA100 to DIA315 [mm]			
Installation	rigid walls/shafts made of concrete blocks, hollow masonry units, masonry walls – min. wall thickness 125 mm, lightweight walls/shafts made of boards – min. wall thickness 125 mm, structural floors – min. thickness 150 mm, installation outside the vertical elements of division.	rigid walls/shafts made of concrete blocks, hollow masonry units, masonry walls – min. wall thickness 125 mm, lightweight walls/shafts made of boards – min. wall thickness 125 mm, structural floors – min. thickness 150 mm.		
Release and control mechanisms	Belimo actuators type: BFL24-T, BFL-230-T, BFL24-T-ST, EXBF24-T, BF24TL-T-ST, BF24-T-ST. Release and control mechanisms type RST, RST/KW1/S with an electromagnetic release device ensuring remote response comfort.	Actuators type: BFL24-T, BFL-230-T, BFL24-T-ST, EXBF24-T, BF24TL-T-ST, BF24-T-ST, MLF 230 T1 and MLF 24 T1 Release and control mechanisms type RST, RST/KW1/S with an electromagnetic release device ensuring remote response comfort.		

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.



Gdańsk, 18.10.2018

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Wojciech Zygmunt  
DIREKTOR ds. PRODUKCJI

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