

DECLARATION OF PERFORMANCE

NO. 006-05-CPR-2015

1. **Product name:**
Fire dampers type mcr FID S/S c/P.
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 S/S c/P 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, Zakład Produkcyjny [Production Site], ul. Kwarцова 3a, Ciepłowo.
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. 1488, ITB, ul. Filtrowa 1, 00-611 Warszawa
Certificate of Constancy of Performance: 1488-CPR-0203/W
Notified Body No. 1396, FIRES, Osloboditel'ov 282, 059 35 Batizovce, Slowacja
Certificate of Constancy of Performance: 1396-CPR-0114

8. Declared performance:

Essential characteristics	EN 15650:2010	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	Pass
Fire resistance – insulation	4.1.1 b)	I120	Pass
Fire resistance – smoke leakage	4.1.1 c)	S120	Pass
Durability of operational reliability	4.3.3.2	C10.000	Pass
Fire resistance classification	4.3.2	EI 120 (v _e h ₀ i ↔ o) S * EI 120 (v _e i ↔ o) S **	Pass
Fire resistance classification	4.3.2	E120 (v _e h ₀ i ↔ o) S * E120 (v _e i ↔ o) S **	Pass
Size range	* Rectangular damper: from 200 x 200 to 800 x 400 [mm], max. surface area not greater than 0,32 m ² ** Rectangular damper: from 200 x 200 to 1000 x 800 [mm], max. surface area not greater than 0,8 m ²		
Installation	rigid walls/shafts made of concrete blocks, hollow masonry units, masonry walls – min. wall thickness 115 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: BF..-T (-ST), BLF..-T (-ST), BFL..-T(ST), BFN..-T(ST) voltage: 24 V and 230 V, EXBF24 and 230, BF24TL-T-ST Release and control mechanisms type RST, RST/KW1/S with an electromagnetic release device.		

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.



Wojciech Zygmunt
DYREKTOR ds. PRODUKCJI

Wojciech Zygmunt

Gdańsk, 18.10.2018

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