

DECLARATION OF PERFORMANCE
NO. 004-05-CPR-2015

- Product name:**
Fire dampers type mcr FID S/S.
- Type, batch or serial No.:**
A unique serial No. of each damper is provided on the label.
- Intended use and scope of application of the product:**
Fire dampers type mcr FID S/S (p/P and p/O) 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.
- Manufacturer:**
MERCOR SA, ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Zakład Produkcyjny [Production Site], ul. Kwarцова 3a, 83-031 Cieplewo and 380-470 and 48-593.
- System of assessment and verification of constancy of performance of the product:**
System 1
- Construction product covered by the harmonised standard:**
PN-EN 15650:2010 (EN 15650:2010)
- 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-0422/W
Notified Body No. 1396 FIRES, Osloboditel'ov 282, 059 35 Batizovce, Slovakia
Certificate of Constancy of Performance: 1396-CPR-0103

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
Horizontal / vertical axis of rotation	4.3.3.2	Yes*	Pass
Fire resistance classification	4.3.2	EI 120 (v _e h _o i ↔ o) S (variant – p/P)	Pass
Fire resistance classification	4.3.2	EI 120 (v _e h _o i ↔ o) S (variant – p/O)	Pass
Size range	Rectangular damper: from 200 x 200 to 1500 x 1500 [mm], max. surface area not greater than 1.8 m ² Round damper: from DIA125 to DIA630 [mm]		
Installation	rigid walls/shafts made of concrete blocks, hollow masonry units, masonry walls – min. wall thickness 110 mm, lightweight walls/shafts made of boards – min. wall thickness 125 mm, structural floors – min. thickness 150 mm		
Installation out of partition	Fire dampers FID S/S p/P can be mounted outside of the concrete walls and masonry with a thickness of not less than 120mm, provided that the section of the ventilation duct between the damper and the wall have been approved to fire resistance class not less than EI S120.		
Release and control mechanisms	Belimo actuators type: BF..-T (-ST), BF..-TN (-ST), BFL...-T (-ST), BFN...-T (-ST), voltages 24V and 230V, EXBF24-T, BF24TL-T-ST, Release and control mechanisms type RST, RST/KW1/S with or without an electromagnetic release device.		

*not applicable to mcr FID S/S p/O

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, 27.11.2019



Tomasz Kobyliński
KIEROWNIK ZAKŁADU PRODUKCJI
SYSTEMÓW WENTYLACJI POŻAROWEJ

Rev. 12