

## DECLARATION OF PERFORMANCE NO. 001-05-CPR-2018

- 1. Product name:**  
Multiple fire dampers sets 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:**  
Multiple fire dampers sets 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 and 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.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   | -   | Pass   |
| Response time/ Closure time               | 4.2.1.4   | <60s  | Pass   |
| Operation reliability/ Closure time       | 4.4.2.2   | <120s   | Pass   |
| Fire resistance – integrity               | 4.1.1 a)  | E60 / E120  | Pass   |
| Fire resistance – insulation              | 4.1.1 b)  | EI60 / EI120  | Pass   |
| Fire resistance – smoke leakage           | 4.1.1 c)  | EIS60 / EIS 120   | Pass   |
| Durability of operational reliability     | 4.4.2.2   | 10.000  | Pass   |
| Fire resistance classification            | 4.4.3   | EI 60 (v <sub>ew</sub> i<-o) S1500C <sub>10 000</sub> AAmulti<br>EI 120 (v <sub>ew</sub> i<-o) S1000C <sub>10 000</sub> AAmulti | Pass   |
| Size range                                | 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, prefabricated boards, masonry walls/ shafts: 120mm   |   |        |
| Release and control mechanisms            | Belimo electric actuator type: BE...(-ST), BLE...(-ST) voltage: 24V i 230V  |   |        |

The performance of the product identified in point 1 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Gdańsk, 09.09.2019

  
 Tomasz Kobyliński  
 KIEROWNIK ZAKŁADU PRODUKCJI  
 SYSTEMÓW WENTYLACJI POŻAROWEJ  
 Tomasz Kobyliński

Rev. 2