

DECLARATION OF PERFORMANCE NO. 008-05-CPR-2016

1. **Product name:**
Rectangular smoke control damper mcr WIP IV and WIP IV-M.
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:**
Rectangular smoke control damper mcr WIP IV and mcr WIP IV-M 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 mcr WIP IV and mcr WIP IV-M are to prevent the spread of fire and smoke via ventilation systems.
4. **Manufacturer:**
MERCOR SA, ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Zakład Produkcyjny [Production Site], ul. Kwarцова 3a, Ciepłewo
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 12101-8:2012 (EN 12101-8:2011).
7. **Notified body name and No., certificate of conformity No.:**
Notified Body No. 1396 FIRES, Osloboditel'ov 282, 059 35 Batizovce, Slovakia
Certificate of Constancy of Performance: 1396-CPR-0117

8. **Declared performance:**

Essential characteristics	EN 12101-8:2011	Performance	Result
Nominal activation condition/ sensitivity	4.2.1.3	EI120 / E ₆₀₀ 120	Pass
Response time/ Closure time	4.2.1.4	30s /60s	Pass
Operation reliability/ Closure time	4.3.2.2	C10 000	Pass
Fire resistance – integrity	4.1.1 a)	E120/ E ₆₀₀ 120	Pass
Fire resistance – insulation	4.1.1 b)	EI120	Pass
Fire resistance – smoke leakage	4.1.1 c)	-	-
Durability of operational reliability	4.3.3.2	10.000	Pass
Fire resistance classification	4.3.2	EI 120 (v _{ew} i↔o) 1000C ₁₀₀₀₀ AAmulti E ₆₀₀ 120 (v _e i↔o) 1000C ₁₀₀₀₀ AAsingle	Pass
Size range	rectangular damper or rectangular damper with round adapters of the following dimensions: width: from 120 to 1000 [mm], height: from 160 to 1000 [mm]		
Insulation	Rigid walls/shafts made of concrete blocks, hollow masonry units, masonry walls: 110mm		
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.



Wojciech Zygmunt
DYREKTOR ds. PRODUKCJI

Wojciech Zygmunt

Gdańsk, 18.10.2018

Rev. 3