

DECLARATION OF PERFORMANCE
NO. 010-05-CPR-2016

- Product name:**
Multi-compartment rectangular smoke control damper type mcr WIP PRO/ V and mcr WIP PRO/ V-M.
- Unique identification code of the product-type:**
A unique serial No. of each damper is provided on the label.
- Intended use and scope of application of the product:**
Multi compartment rectangular smoke control damper mcr WIP PRO /V and mcr WIP PRO /V-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 PRO /V and mcr WIP PRO /V-M 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, Ciepłewo.
- System of assessment and verification of constancy of performance of the product:**
System 1
- Construction product covered by the harmonised standard:**
PN-EN 12101-8:2012 (EN 12101-8:2011)
- 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-0014

8. Declared performance:

Essential characteristics	EN 12101-8:2011	Performance	Result
Response time/ Closure time	4.2.1.4	30s /60s	Pass
Operational reliability - cycling	4.3.2.2	C 10.000	Pass
Fire resistance – integrity	4.1.1 a)	E120	Pass
Fire resistance – insulation	4.1.1 b)	EI120	Pass
Fire resistance – smoke leakage	4.1.1 c)	EIS120	Pass
Fire resistance classification	4.3.2	EI 120 (v _{ew} i ↔ o) S1000C ₁₀₀₀₀ AAmulti	Pass
Size range	Horizontal axis rectangular damper: from 110 x 263 to 900 x 1250 [mm] Vertical axis rectangular damper: from 263 x 110 to 1250 x 1250 [mm]		
Installation	lightweight walls/shafts made of boards – min. wall thickness 125 mm. Solid walls/shafts made of concrete blocks, hollow masonry units, masonry with all fire resistance equal to or greater than the resistance required for the damper.		
Release and control mechanisms	Belimo actuators type: BE...(-ST), BLE...(-ST) voltage 24V and 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

Gdańsk, 18.10.2018

Wojciech Zygmunt

Rev. 3