Producent urządzeń wentylacyjnych

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DECLARATION OF PERFORMANCE

№ 002-EN-CPR-2014

CE

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1. Product : In compliance with the Regulation № 305/2011 of the European Parliament and of the Council :

Fire stopping, fire sealing and fire protective products

Fire damper type KTM, KTM-E, KTM-ME, KTM-ME-VAV

2. Identification of the construction product : Individual serial number for each fire damper

3. Intended use :

   Fire damper designed for use in household ventilation (general ventilation) in places where ventilation installation is going through construction baffles which have specific fire resistance. Its function consists in prevention of fire and smoke spread through ventilation installations by maintenance of integrity and/or insulation and/or smoke leakage.

4. Manufacturer :

   SMAY Sp. z o.o
   ul. Ciepłownicza 29
   31-587 Kraków, Poland

5. Name of authorized representative: not applicable

6. Evaluation system/testing : System 1

7. Notified body :

   BUILDING RESEARCH INSTITUTE
   CERTIFICATION DEPARTMENT
   ul. Filtrowa 1, 00-611 Warszawa, Poland
   Notified body no. 1488

The notified body carried out the initial inspection of the manufacturing plant and of the factory production control as well as the continues surveillance, assessment and evaluation of factory production control according to System 1 of the Construction Products Regulation and issued the Certificate of Constancy of Performance № **1488-CPR- 0438/W.**

8. Notified body of technical assessment: not applicable

9. Declared performance :

№	Essential characteristics	Harmonized technical specification EN 15650 : 2010	Class of performance	Performance
1	Nominal activation conditions/sensitivity	4.2.1.2	EI 120 (ve ho i↔o) S (500 Pa)	pass
2	Sensing element load bearing capacity	4.2.1.2.3	-	NPD
3	Sensing element response temperature	4.2.1.2.2	≤ 105⁰	pass
	Response delay (response time)			
4	Closure time	4.2.1.3	≤ 2 min	pass
	Operational reliability			
5	Cycling	4.3.1 a)	300 cycles for KTM 10 000 cycles for KTM-E 20 000 cycles for KTM-ME, KTM-ME-VAV	pass
	Fire resistance			
6	Integrity	4.1.1 a)	E 120	pass
7	Insulation	4.1.1 b)	EI 120	pass
8	Smoke leakage	4.1.1 c)	EIS 120	pass
9	Mechanical stability (under E)	4.1.1 a)	E 120	pass
10	Maintenance of the cross section (under E)	4.1.1 a)	E 120	pass
	Durability of response delay			
11	Sensing element response to temperature and load bearing capacity	4.2.1.2.2, 4.2.1.2.3	≤ 105⁰	pass
	Durability of operational reliability			
12	Open and closing cycle tests	4.3.3.2	300 cycles for KTM 10 000 cycles for KTM-E 20 000 cycles for KTM-ME, KTM-ME-VAV	pass

Essential characteristicks	
Shape and dimensions	Circular with nominal diameter {mm} : Ø 100 – Ø 250
Closing mechanism	KTM type • Manually tensioned spring with return spring system released by fusible link, with possibility of mounting of end switches signalizing the position of damper KTM-E type • Belimo BLF24-T, BLF230-T, BLF24-T-ST, BLF230-T-ST, with thermoelectric tripping device KTM-ME type • Belimo BLF230-SR, BLF24-SR , with thermoelectric tripping KTM-ME –VAV type • Belimo BLF24-V, BLF24-V-T , with thermoelectric tripping device, with VAV type VRD3 or VRP- M+VFP (100 or 300 or 600)
Mounted in	Walls • Concrete with thickness min 115 mm • Brickwork or aerated concrete walls with thickness min 115 mm Floor: • Concrete with thickness min 150 mm • Aerated concrete walls with thickness min 150 mm
Thermal sensing element	• Fusible link type SMAY (KTM-00-006) • Thermoelectric tripping device type BAE-72 or BAE-72S (Belimo) • Thermoelectric tripping device type ZBAE95 (Belimo)

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer :

Piotr Dąbrowski – Quality Systems Director

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Signature

Kraków, 18.05.2015

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