

DECLARATION OF PERFORMANCE

No 002/02/22



21

1. Unique identification code of the product-type:

Fire dampers type FDA-BU, FDA-BU-E, FDA-BU-KN, FDA-BU-KW.

2. Intended use:

The fire dampers are intended for use in comfort ventilation systems (general ventilation) in places where ventilation systems pass through building partitions with a specific fire resistance. Their function is to prevent the spread of fire and smoke through the ventilation system by meeting the criteria of fire integrity and / or insulation and / or smoke tightness.

3. Manufacturer:



Alnor Systemy Wentylacji Sp. z o.o.
00-719 Warszawa ul. Zwierzyniecka 8b, POLAND
Tel.: + 48 22 737 40 00, Fax.: + 48 22 737 40 04
Manufacturing plant:
05-552 Wola Mrokwowska, Aleja Krakowska 10, POLAND

4. Authorised representative::

Not relevant

5. System/s of AVCP

System: 1

6. Harmonised standard:

EN 15650:2010

Notified body/ies:

Centrum Techniki Okrętowej S.A.
ul. Szczecińska 65, 80-392 Gdańsk
Numer identyfikacyjny: 2434

Body No : 2434

has carried out:

- determination of the product-type on the basis of type testing
- initial inspection of factory and factory production

- continuous surveillance and assessment of factory production control and issued
Certificate of Constancy of Performance: **2434-CPR-0198**.

7. Declared performances:

Essential characteristics and performances of the product	EN 15650:20 10	Mandated levels and/or classes	Assess ment
	Clause		
Nominal activation conditions / sensitivity			
Nominal activation conditions / sensitivity	4.2.1.2	-	pass
Sensing element response temperature	4.2.1.2.2	-	pass
Sensor load capacity	4.2.1.2.3	-	pass
Response delay (response time)			
Closure time	4.2.1.3	≤ 2 min, acc. EN 15650 5.2.4, EN 1366-2 10.4.6	pass
Operational reliability			
Cycling	4.3.1 a)	50 cycles	pass
Fire resistance			
Integrity	4.1.1 a)	Typ FDA-BU: EI 120 (ve), EI 90 (ve, ho), EI 60 (ve, ho), EI 45(ve, ho), EI 30 (ve, ho), EI 20 (ve, ho), EI 15 (ve, ho) Typ FDA-BU-E: EI 60 (ve), EI 45(ve), EI 30 (ve), EI 20 (ve), EI 15 (ve) Typ FDA-BU-KN, FDA-BU-KW: EI 120 (ve, ho), EI 90 (ve, ho), EI 60 (ve, ho), EI 45 (ve, ho), EI 30 (ve, ho), EI 20 (ve, ho), EI 15 (ve, ho)	pass
Insulation	4.1.1 b)	Typ FDA-BU: EI 120 (ve), EI 90 (ve, ho), EI 60 (ve, ho), EI 45(ve, ho), EI 30 (ve, ho), EI 20 (ve, ho), EI 15 (ve, ho) Typ FDA-BU-E: EI 60 (ve), EI 45(ve), EI 30 (ve), EI 20 (ve), EI 15 (ve) Typ FDA-BU-KN, FDA-BU-KW: EI 120 (ve, ho), EI 90 (ve, ho), EI 60 (ve, ho), EI 45 (ve, ho), EI 30 (ve, ho), EI 20 (ve, ho), EI 15 (ve, ho)	pass
Smoke leakage	4.1.1 c)	S	pass
Mechanical stability (under E)	4.1.1 a)	-	pass
Maintenance of the cross section (under E)	4.1.1 a)	-	pass
Durability of response delay			
Sensing element response to temperature	4.2.1.2.2 4.2.1.2.3	-	pass
Durability of operational reliability			
Open and close cycle tests	4.3.3.2	NPD	pass

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.



Alnor Systemy Wentylacji Sp. z o.o.,
Aleja Krakowska 10, 05-552 Wola Mrokowska,
tel.: + 48 22 737 40 00, fax.: + 48 22 737 40 04,
e-mail: alnor@alnor.com.pl, www.alnor.com.pl.

Signed for and on behalf of the manufacturer by:

Piotr Grzechowiak

testing and certification coordinator

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(Name and position)

Wola Mrokowska 23.08.2022

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(Place and date of issue)

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(Signature)