



**NOTIFIED BODY No. 1488**  
**INSTYTUT TECHNIKI BUDOWLANEJ**  
**CERTIFICATION DEPARTMENT**

ul. FILTROWA 1, 00-611 WARSZAWA  
 ph.: +48 (22) 57 96 167, +48 (22) 57 96 168, fax: +48 (22) 57 96 295  
 e-mail: certyfikacja@itb.pl, www.itb.pl



**CERTIFICATE OF CONSTANCY OF PERFORMANCE**  
**1488-CPR-0562/W**

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

**Fire dampers type**  
**FDA-12 and FDA2-12**

with fire resistance classes according to EN 13501-3:2005+A1:2009

**EI 120 (v<sub>e</sub> h<sub>o</sub> i↔o) S**

General identification, intended use, essential characteristics and parameters are described in the Annex No. Z-1488-CPR-0562/W which is an integral part of this certificate;

Levels and classes of performance of the product are stated in the Annex No. Z-1488-CPR-0562/W which is an integral part of this certificate.

placed on the market under the name or trade mark of:

**ALNOR Systemy Wentylacji Sp. z o. o.**  
**ul. Zwierzyniecka 8 B**  
**00-719 Warszawa**  
**Poland**

and produced in the manufacturing plant:

**ALNOR Systemy Wentylacji Sp. z o.o.**  
**Aleja Krakowska 10**  
**05-552 Wola Mrokwaska**  
**Poland**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

**EN 15650:2010**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 03.08.2016 (updated on 30.12.2016, 15.04.2019) and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

DEPUTY HEAD  
of the Certification Department

Magdalena Wójtowicz, M.Sc. Eng.



DIRECTOR  
of Instytut Techniki Budowlanej

Robert Geryło, Ph. D.

Warsaw, 15.04.2019

**Annex No. Z-1488-CPR-0562/W page 1/1  
which is an integral part of the certificate No. 1488-CPR-0562/W**

**Fire dampers type  
FDA-12 and FDA2-12**

**Essential characteristics and performances of the product**

Essential characteristics and performances of the product	EN 15650:2010	Mandated levels and/or classes	Assessment
	Clause		
<b>Nominal activation conditions / sensitivity</b>			
Sensing element response temperature	4.2.1.2.2	-	pass
<b>Response delay (response time)</b>			
Closure time	4.2.1.3	-	pass
<b>Operational reliability</b>			
Cycling	4.3.1 a)	-	pass
<b>Fire resistance</b>			
Integrity	4.1.1 a)	E120	pass
Insulation	4.1.1 b)	EI120	pass
Smoke leakage	4.1.1 c)	EIS120	pass
Mechanical stability (under E)	4.1.1 a)	-	pass
Maintenance of the cross section (under E)	4.1.1 a)	-	pass
<b>Durability of response delay</b>			
Sensing element response to temperature	4.2.1.2.2	-	pass
<b>Durability of operational reliability</b>			
Open and close cycle tests	4.3.3.2	-	pass

**Declared intended use of product:**

Designed for use in household ventilation (general ventilation) in places where ventilation installation is going through construction partitions which have specific fire resistance.

Detailed identification, scope and conditions of use are included in the test reports no. 3658/18/Z00NZZ dated 28.12.2018 and 2127/18/Z00NZZ dated 14.12.2018.

DEPUTY HEAD  
of the Certification Department



Magdalena Wójtowicz, M.Sc. Eng.



DIRECTOR  
of Instytut Techniki Budowlanej



Robert Geryło, Ph. D.

Warsaw, 15.04.2019



**INSTYTUT TECHNIKI BUDOWLANEJ  
CERTIFICATION DEPARTMENT**

ul. FILTROWA 1, 00-611 WARSZAW, POLAND  
tel.: + 48 (22) 57 96 167, + 48 (22) 57 96 168, fax: + 48 (22) 57 96 295  
e-mail: [certyfikacja@itb.pl](mailto:certyfikacja@itb.pl), [www.itb.pl](http://www.itb.pl)

## CERTIFICATION MARK

The company:

**ALNOR Systemy Wentylacji Sp. z o.o.**  
ul. Zwierzyniecka 8 B  
00-719 Warszawa  
Poland

being the manufacturer of the product:

**Fire dampers type  
FDA-12 and FDA2-12**

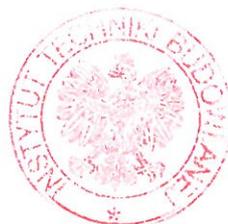
is authorized to use  
the ITB certification mark „WYRÓB BUDOWLANY”  
during the period of validity of the certificate no. 1488-CPR-0562/W



**1488-CPR-0562/W**

DEPUTY HEAD  
of the Certification Department

Magdalena Wójtowicz, M.Sc. Eng.



DIRECTOR  
of Instytut Techniki Budowlanej

Robert Geryło, Ph. D.

Warsaw, 15.04.2019