



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

ul. FILTROWA 1, 00-611 WARSZAWA
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AC 020

**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 FDA-12 and FDA2-12

classified according to EN 13501-3:2005+A1:2009:

EI 120 (v_e h_o 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 8b
00-719 Warszawa
Poland**

and produced in the manufacturing plant:

**ALNOR Systemy Wentylacji Sp. z o.o.
Aleja Krakowska 10
05-552 Wola Mrokwiska
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, 03.02.2020) 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

HEAD
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.



DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 03.02.2020



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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 FDA-12 and FDA2-12

Essential characteristics and performances of the product acc. to EN 15650:2010

Essential characteristics and performances	Clause	Levels and/or classes
Nominal activation conditions / sensitivity	4.2.1.2	
Sensing element response temperature	4.2.1.2.2	-
Sensing element load bearing capacity	4.2.1.2.3	
Response delay (response time)		
Closure time	4.2.1.3	-
Operational reliability		
Cycling	4.3.1 a)	-
Fire resistance		
Integrity	4.1.1 a)	E120
Insulation	4.1.1 b)	EI120
Smoke leakage	4.1.1 c)	EIS120
Mechanical stability (under E)	4.1.1 a)	-
Maintenance of the cross section (under E)	4.1.1 a)	-
Durability of response delay		
Sensing element response to temperature and load bearing capacity	4.2.1.2.2 4.2.1.2.3	-
Durability of operational reliability		
Open and closing cycle tests	4.3.3.2	-

Intended use:

Fire safety

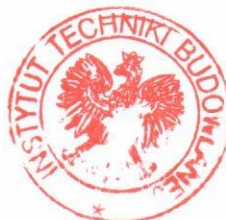
Detailed identification, scope and conditions of use:

Classification report no. 2127/18/Z00NZZ issued on 14.12.2018

Classification report no. 2517/19/Z00NZZ issued on 23.10.2019

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