

## DECLARATION OF PERFORMANCE

No 019/09/2019

1. Unique identification code of the product:

**Semi-rigid non-metallic round ductwork: FLX-HDPE-A-63, FLX-HDPE-A-75, FLX-HDPE-A-90**

2. Intended use:

**Used for ventilation and air conditioning of residential buildings.**

3. Manufacturer:

**Alnor Systemy Wentylacji Sp. z o.o.  
00-719 Warszawa ul. Zwierzyniecka 8b  
Tel.: + 48 22 737 40 00, Fax.: + 48 22 737 40 04**

4. Agent:

**Not relevant**

5. System of AVCP:

**System 4**

6. Standard:

**EN 17192:2018 *Ventilation for buildings – Ductwork – Non-metallic ductwork – Requirements and test methods***

7. Notified body / Technical Assessment Body

**ITB Instytut Techniki Budowlanej, Warszawa, ul. Filtrowa 1  
Instytut Badań I Rozwoju Motoryzacji BOSMAL, Biesko-Biała, ul Sarni Stok 93**

8. Declared performances:

Essential Characteristics	Declared performances	Notes
Airtightness	ATC 3 (old C), operating pressure range -2000Pa +2000Pa	EN 12237
Pressure drop	According to technical catalogue	PN-EN 17192:2019-01
Service temperature	STL -20°C to STH +100°C	PN-EN 17192:2019-01
Reaction to fire	E	EN 13501-1
Resistance to external pressure	DN63mm: 343 N DN75mm: 394 N DN90mm: 366 N	PN-EN 17192:2019-01
Thermal resistance	$\lambda_m=0,3900 \text{ W}/(\text{m}\cdot\text{k})$	PN-EN 12664:2002
Microbial resistance	R = 2.9	PN-EN ISO 22196:2011

9. The performance of the product identified above is in conformity with the set of declared performances.

Signed for and on behalf of the manufacturer:


Artur Kołacz

Product Manager

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(Name and position)

Wola Mrokowska 30.09.2019

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(Place and date of issue)



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(Signature)