

## NATIONAL DECLARATION OF PERFORMANCE

No. 025/01/22

1. Name and trade name of the construction product:

**Ventilation ducts and fittings pre-insulated IZOL®system in circular cross-section, internal and external duct made of stainless steel 1.4301/304 i 1.4404/316L, with nominal diameters: 80, 100, 125, 140, 150, 160, 180, 200, 224, 250, 280, 300, 315, 355, 400, 450, 500, 560, 600, 630, 710, 800, 900, 1000, 1120, 1250, 1400 mm, between the steel surfaces there is mineral wool with thicknesses: 25, 50, 100 mm.**

2. Designation of construction product type:

**Ventilation ducts and fittings pre-insulated IZOL®system with insulator 25 mm: SPRI-K-25, NSLI-K-25, MSFI-K-25, ILSLI-K-25, BSLI-K-25, RSCLLI-K-25, RSCLFLI-K-25, RCLFLI-K-25, RCLI-K-25, TPCLI-K-25, TSVLI-K-25, XPCLI-K-25, YSVLI-K-25, CPFI-K-25, CPFHI-K-25, CSLI-K-25.**

**Ventilation ducts and fittings pre-insulated IZOL®system with insulator 50 mm: SPRI-K-50, NSLI-K-50, MSFI-K-50, ILSLI-K-50, BSLI-K-50, RSCLLI-K-50, RSCLFLI-K-50, RCLFLI-K-50, RCLI-K-50, TPCLI-K-50, TSVLI-K-50, XPCLI-K-50, YSVLI-K-50, CPFI-K-50, CPFHI-K-50, CSLI-K-50.**

**Ventilation ducts and fittings pre-insulated IZOL®system with insulator 100 mm: SPRI-K-100, NSLI-K-100, MSFI-K-100, ILSLI-K-100, BSLI-K-100, RSCLLI-K-100, RSCLFLI-K-100, RCLFLI-K-100, RCLI-K-100, TPCLI-K-100, TSVLI-K-100, XPCLI-K-100, YSVLI-K-100, CPFI-K-100, CPFHI-K-100, CSLI-K-100.**

3. Intended use(s):

**Intended to be used for air distribution in ventilation and air conditioning installation inside buildings, including residential, collective residence and public utility buildings.**

4. Manufacturer's name and registered office address and place of production:

**Alnor Systemy Wentylacji Sp. z o.o.  
00-719 Warsaw ul. Zwierzyniecka 8b, POLAND  
Tel.: + 48 22 737 40 00, Fax.: + 48 22 737 40 04  
Production place:  
05-522 Wola Mrokwowska, Aleja Krakowska 10, POLAND**

5. Authorized representative's name and registered office address, if any:

**Not applicable.**

6. The national system used to assess and verify the constancy of performance:

**Assesment system: 4.**

7. National technical specification:

7a. Polish Product Standard: **PN-EN 1506:2007, PN-EN 12237:2005.**

Name of the accredited certification body, accreditation number and national certificate number or name of the accredited laboratory/laboratories and accreditation number): **not applicable.**

7b. National technical assessment: **not applicable**

Technical assessment unit/National technical assessment unit: : **not applicable**

8. Declared performance:

Essential characteristics of the product for the intended use or uses	Declared utilization properties	Comments
Reaction to fire	A1	According the European Commission 96/603/WE with change European Commission 2000/605/WE
Dimensions	External and internal cover, dimensions and tolerances compatible	According to PN-EN 1506:2007
Walls thickness	Minimum wall thickness. 0,5 mm	
Strenght	Not stated permanent deformation or unexpected change of tightness under pressure -750 + 2000Pa according to PN-EN 12237:2005	
Durability of zinc coating	Stainless steel 1.4301/304 oraz 1.4404/316L	According to PN-EN 10088-1:2014
Tightness	To build ventilation pipes mains with tightness class: D wg PN-EN 12237:2005	

9. The performance of the product specified above is in accordance with all declared performance properties as listed in Section 8. This national declaration of performance is issued in accordance with the Act on construction products of 16 April 2004, under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by (name and surname, position)

Wola Mrokowska, 03.01.2022

Piotr Grzechowiak  
Senior research and certification specialist

(issue place and date)

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(signature)