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

NATIONAL DECLARATION OF PERFORMANCE

No. 040/01/23

1. Name and trade name of the construction product:

   Ventilation pipes SPIRAL®system with a circular cross-section made of galvanized steel / stainless steel / aluminium and nominal diameter: 80, 100, 125, 140, 150, 160, 180, 200, 224, 250, 280, 300, 315, 355, 400, 450, 500, 560, 600, 630, 710 mm.

2. Designation of construction product type:

   Ventilation pipes SPIRAL®system with a circular cross-section made of galvanized steel: SRGL (seam welded), SRGW (butt welded).
   Ventilation pipes SPIRAL®system with a circular cross-section made of stainless steel: SRGL-K (seam welded), SRGW-K (butt welded).
   Ventilation pipes SPIRAL®system with a circular cross-section made of aluminium: SRGL-A (seam welded), SRGW-A (butt welded).

3. Intended use(s):

   Intended to be used for distribution air 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 Mrokowska, 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.**

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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	Dimensions and tolenace compatible	According to PN-EN 1506:2007
Walls thickness	Minimum wall thickness. 0,5 mm	
Strength	Not stated permanent deformation or unexpected change of tightness under perssure -750 + 2000Pa wg PN-EN 12237:2005	
Durability of zinc coating	Mass of zinc coating 275 g/m2 Nominal coat thickness 20µm Durability anticorrosive coat: C1/20 years, C2/20 y, C3/10 y	According to PN-EN 10346:2015 and PN-EN 9223:2012
	Corrosion-resistant steel 1.4301/304 and 1.4404/316L	According to PN-EN 10088-1:2014
	Aluminium type: EN AW-1050A H24 or EN AW-6060 T5	According to PN-EN 573-3:2014, PN-EN 515:2017
Tightness	To build ventilation pipes mains with tightness class: A, B, C, 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, 08.02.2023

(issue place and date)

Piotr Grzechowiak
Testing and certification coordinator
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(signature)