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. 018/02/22

1. Name and trade name of the construction product:

   Ventilation ducts and fittings SPIRAL®system with a circular cross-section, gasket and gasketless, made of aluminium, 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 mm.

2. Designation of construction product type:

   Ventilation ducts: SPR-A.

   Ventilation fittings with gasket: ASVL-A, BPL-A, BSDL-A, BSKL-A, BSL-A, CSL-A, GALA-A, ILSL-A, ILSNL-A, ILSVL-45-A, KILL-A, NSL-A, ODSOL-A, RPCL-A, RSCLFL-A, RSCLL-A, RSLFL-A, RSLL-A, RSFCL-A, RSFCFL-A, RSFL-A, RSFFL-A, SMSFL-A, SNSL-A, SPSL-A, SSL-A, SSCCBL-A, SSCFBL-A, SSCL-A, SSCVL-A, TPCL-A, XPCL-A, TSCL-A, TSL-A, XSL-A, TSVL-A, XSVL-A, XSCL-A, YSVL-A.

   Ventilation fittings without gasket: ASV-A, BS-A, BSD-A, BSK-A, CS-A, CSF-A, ILS-A, ILSF-A, ILSN-A, ILSV-45-A, KIL-A, MSF-A, NS-A, ODSO-A, RPC-A, RSCL-A, RSCF-A, RSCLF-A, RSL-A, RSLF-A, RSFC-A, RSFCF-A, RSF-A, RSFF-A, SPS-A, SS-A, SSC-A, SSCCB-A, SSCFB-A, SSCV-A, TPC-A, TPC-CP-R-A, XPC-A, TSC-A, TS-A, XS-A, TSV-A, XSV-A, XSC-A, YSV-A.

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 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:

   Conformity assessment system: 4

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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 performance	Comments
Reaction to fire	A1	According the European Commission 96/603/WE with change European Commission 2000/605/WE
Dimensions	Dimensions and tolerances compatible	Accodring to PN-EN 1506:2007
Walls thickness	Minimum duct wall thickness 0,6 mm, fittings 0,8 mm.	
Strength	Not stated permanent deformation or unexpected change of tightness under perssure -750 + 2000 Pa wg PN-EN 12237:2005	
Durability	Aluminum grade: EN AW-1050A, condition H24	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, 27.07.2022

(issue place and date)

Piotr Grzechowiak
Testing and certification coordinator
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(signature)