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. 003/02/24

1. Name and trade name of the construction product:

   Ventilation fittings SPIRAL®system with a circular cross-section made of galvanized steel Z275/20 µm, gasketless system, 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, 1500, 1600 mm.

2. Designation of construction product type:

   Ventilation fittings SPIRAL®system with a circular cross-section made of galvanized steel-gasketless system: ASV, BP (BPKC, BPBKC), BPD, BPK, BPKF, BS, BSD, BSK, CP, CPF (CPFH), CPNF, CPS, CS (CSN, CSH), CSF, ILP, ILPR, ILS, ILSF, ILSN, ILSV-45, KIL, MSF, NS, ODSO, RPC, RPCF, RSCL, RSCLF, RSF, RSFC, RSFCF, RSFF, RSL, RSLF, SP, SPS, SS, SSC, SSCCB, SSCFB, SSCV-45, TPC (TPC-CP), TS, TSC, TSV(-45, TVR), XPC, XS, XSC, XSV-45, YSV-45.

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:

   Conformity assessment system: 3.

7. National technical specification:

   7a. Polish Product Standard: **not applicable.**
   Name of the accredited certification body, accreditation number and national certificate number or name of the accredited laboratory/laboratories and accreditation number): **not applicable.**

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7b. National technical assessment: **ITB-KOT-2019/1036 issue 2, 2021**
Technical assessment unit/National technical assessment unit**:**
Instytut Techniki Budowlanej ul. Filtrowa 1, 00-611 Warsaw

8. Declared performance

Essential characteristics of the product for the intended use or uses	Declared performance	Comments
Reaction to fire	A1	according to Commission Decision 2000/605/EC amending Decision 96/603/EC
Dimensions	Dimensions and tolenace compatible	according to PN-EN 1506:2007
Wall thickness	Minimum wall thicknes. 0,5 mm	according to ITB-KOT-2019/1036
Strenght	Not stated permanent deformation or unexpected change of tightness under perssure -750 + 1000Pa wg PN-EN 12237:2005	
Durability of zinc coating	Mass of zinc coating 275 g/m2 Nominal coat thickness 20µm Durability anticorrosive coat: C1/20years C2/20y C3/10y	according to PN-EN 10346:2015 and PN-EN 9223:2012
Tightness	To build ventilation pipes mains with tightness class: B 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, 01.03.2024

Piotr Grzechowiak
testing and certification coordinator

(issue place and date)

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(signature)