

**NATIONAL DECLARATION OF PERFORMANCE**no **02/2021**

1. Name and trade name of the construction product: **Ventilation ducts with circular cross-section.**
2. Designation of the construction product type: **KKO**
3. Intended usage: **KKO ventilation ducts with circular cross-section** are to be used for air distribution in ventilation and air-conditioning systems in buildings, including residential buildings, multi-family housing and public utility buildings
4. Name and address of the manufacturer and place of production:
DARCO Sp. z o. o. 39-200 Dębica, ul. Metalowców 43, Poland
5. Name and address of authorized representative, if applicable: **not applicable**
6. National system used to assess and verify constancy of performance: **3**
7. National technical specification:
- 7a. Polish Product Standard: **not applicable**
- 7b. National Technical Assessment: **ITB-KOT-2020/0917 edition 1**
Technical Assessment Unit: **INSTYTUT TECHNIKI BUDOWLANEJ, UL. FILTROWA 1, 00-611 WARSZAWA, POLAND**
Name of the accredited certification body, accreditation number and certificate number: **not applicable**
8. Declared performance values:

Essential characteristics of the construction product for the intended usage	Declared performance		Remarks
Dimensions D, mm	80, 100, 110, 115, 120, 125, 130, 140, 150, 160, 180, 200, 225, 250, 280, 300, 315	325, 350, 400, 450, 500, 550, 600, 630	-
Wall thickness, mm	0,5	0,7	-
Tightness	tightness class B		PN-EN 12237:2005 test conditions: from -750 to 2000Pa
Strength	no permanent deformation or sudden change of tightness at the limits of static pressure		
Durability			
Corrosion-resistant steel grade	1.4301 i 1.4404		PN-EN 10088-1:2014
Zinc coating (products made of galvanized steel sheet, DX51D+Z275 according to PN-EN 10346:2015 standard)			
a) weight of zinc coating, g/m ²	≥ 275		PN-EN 10346:2015
b) coating thickness, μm	≥ 20 tolerance according to PN-EN 10346:2015		PN-EN ISO 2178:2016 PN-EN ISO 2808:2008
Zinc coating (products made of galvanized steel sheet, DX51D+Z100 according to PN-EN 10346:2015)			
a) weight of the zinc coating, g/m ²	≥ 100		PN-EN 10346:2015
b) coating thickness, μm	≥ 7 tolerance according to PN-EN 10346:2015		PN-EN ISO 2178:2016 PN-EN ISO 2808:2008
Fire classification	A1		PN-EN 13501-1:2019
Hazardous substances	do not contain		-

9. Performance values of the product identified above are in conformity with all declared performances listed in point 8. This National Declaration Of Performance is issued in accordance with the National Act on construction products of 16 April 2004, under sole responsibility of the manufacturer

Signed on behalf of the manufacturer by: **Łukasz Darlak – President of the Board**

Dębica 04.01.2021
(place and date of issue)

DARCO

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PREZES ZARZADU

Łukasz Darlak
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(signature)