DECLARATON OF PERFORMANCE
no **02/2021**

CE
10 1450

1. Unique identification code of the product-type: **SKSP, SKSP-X, SKSP-XO – double-walled air-flue system**
2. Intended usage: **SKSP, SKSP-X and SKSP-XO – double-walled air-flue system** used for supplying combustion air and to exhaust fumes from modern condensing boilers and from boilers with closed combustion chamber fired with gas, fuel oil or pellets
3. Manufacturer:

darco

DARCO Sp. z o. o.
39-200 Dębica,
ul. Metalowców 43, Poland

4. System or systems of assessment and verification of constancy of performance of construction product: **2+**
5. Harmonized norm: **EN 14989-2:2007 [PN-EN 14989-2:2009]**
   Notified body: **UE no: 1450**
   Oil and Gas Institute , National Research Institute
   ul. Lubicz 25a, 31-503 Kraków

6. Declared performance:

No	Essential characteristics	Performance	Harmonised technical specification
1.	Compressive strength	**20m**	EN 14989-2:2007
2.	Resistance to fire	**O 100mm**	EN 14989-2:2007
3.	Gas tightness / leakage	**P1 (200 [Pa]) – flue pipe** **N1 (40 [Pa]) – air pipe**	EN 14989-2:2007
4.	Flow resistance	**R=1mm** **Tee 90° - 1,20** **Reducer - 0,08** **Elbow 90° - 0,45** **Elbow 45° - 0,40**	EN 14989-2:2007
5.	Thermal resistance	**> 3,61x10^{-5} [m^{2}K/W] determined at 200°C**	EN 14989-2:2007
6.	Resistance to variable thermal load	**T250**	EN 14989-2:2007
7.	Bending / tensile strength	**2m between supports** **1,5m over last mount** **2m for 45° non-vertical installation**	EN 14989-2:2007
8.	Durability against chemicals	**pass, W**	EN 14989-2:2007
9.	Durability against corrosion	**Vm** **1.4404 and 14301** **thickness from 0,4 to 0,6mm**	EN 14989-2:2007
10.	Freeze thaw resistance	**Pass**	EN 14989-2:2007

Performance of the product is in conformity with above declared values. This declaration of performance is issued in accordance with (EU) regulation no 305/2011, under sole responsibility of above identified manufacturer.

Signed for of the manufacturer by: **Łukasz Darłak – President of the Board**

PREZES ZARZĄDU
Łukasz Darłak

Dębica 23.02.2021
(date and place of issue)

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