

DECLARATION OF PERFORMANCE
no 04/2021



1. Unique identification code of the product-type: **SKS-IZ, SKS-X-IZ – double-walled isolation-flue system**
2. Intended usage: **SKS-IZ, SKS-X-IZ – double-walled isolation-flue system** – used 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 50mm	EN 14989-2:2007
3.	Gas tightness / leakage	P1 (200 [Pa]) – flue pipe	EN 14989-2:2007
		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	> 0,36 [m²K/W] determined at 200°C for insulation 30mm	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 dla 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 Darlak – President of the Board**

PREZES ZARZĄDU

Łukasz Darlak
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(signature)

Dębica 23.07.2021
.....
(date and place of issue)



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