

DECLARATION OF PERFORMANCE
no 5/2017



08 1450

- Unique identification code of the product-type: **SWKŻ – single-wall heat resistant chimney liners, SWKŻow - system of heat resistant chimney liners of oval shape**
- Intended usage of the construction product: **SWKŻ – system of heat resistant chimney liners and SWKŻow-sytem of heat resistant chimney liners of oval shape made of chrome-nickel heat resistant steel sheet used to protect inner surfaces of ceramic chimneys, exhausting fumes from wood burning devices.**
- Manufacturer:



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

- System or systems of assessment and verification of constancy of performance of construction product: **2+**
- Harmonized norm: **PN-EN 1856-2:2009**
Notified body no: **UE nr 1450**
Instytut Nafty i Gazu, Państwowy Instytut Badawczy
ul. Lubicz 25a, 31-503 Kraków

- Declared performance:

| No. | Essential characteristics | Performance | Harmonised technical specification |
|-----|---|--|------------------------------------|
| 1. | Temperature class | T600 | PN-EN 1856-2:2009 |
| 2. | Gas tightness (pressure class) | N1 (40[Pa]) | PN-EN 1856-2:2009 |
| 3. | Condensate penetration resistance | W | PN-EN 1856-2:2009 |
| 4. | Resistance against chemicals | Resistant | PN-EN 1856-2:2009 |
| 5. | Resistance against corrosion | Vm | PN-EN 1856-2:2009 |
| 6. | Sootfire resistance | G | PN-EN 1856-2:2009 |
| 7. | Minimum distance to combustible materials | 500 [mm] | PN-EN 1856-2:2009 |
| 8. | Thermal resistance | 0 [m²K/W] no isolation | PN-EN 1856-2:2009 |
| 9. | Flow resistance coefficient [ζ] | Tee 90° - 1,14 Tee 45° - 0,35 Elbow 90° - 0,40 Elbow 45° - 0,28 Elbow 30° - 0,20 | PN-EN 1856-2:2009 |
| 10. | Roughness value | R = 0,001[m] | PN-EN 1856-2:2009 |
| 11. | Compressive strenght | Pass | PN-EN 1856-2:2009 |
| 12. | Freeze thaw resistance | Resistant | PN-EN 1856-2:2009 |
| 13. | Tensile strenght | NPD | PN-EN 1856-2:2009 |

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 the sole responsibility of the above identified manufacturer.

Declaration of performance concerns products produced from 01.07.2013

Signed for of the manufacturer by: **Lukasz Darlak– Vice-president**

WICEPREZES ZARZĄDU

Dębica 08.07.2017
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(place and date of issue)

DARCO Sp. z o.o.
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ŁD

Lukasz Darlak
.....
(signature)



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