

DECLARATION OF PERFORMANCE
no 04/2018



1. Unique identification code of the product-type: **SGSP – gas air-flue system.** 18 1450
 2. Intended usage of the construction product: **SGSP – gas air-flue system** – used for supplying combustion air and to exhaust fumes from gas fireplaces with closed combustion chamber.
 3. Manufacturer:



4. System or systems of assessment and verification of constancy of performance of construction product: **2+**
 5. Harmonized norm: **PN-EN 11856-1, 2:2009**
 Notified body no: **UE no 1450**
Instytut Nafty i Gazu, Państwowy Instytut Badawczy
ul. Lubicz 25a, 31-503 Cracow, Poland

6. Declared performance:

No	Essential characteristics	Performance	Harmonised technical specification
1.	Temperature class	T600	PN-EN 1856-1, 2:2009
2.	Gas tightness (pressure class)	N1 (40[Pa])- flue pipe	PN-EN 1856-1, 2:2009
		N1 (40 [Pa]) – air pipe	PN-EN 1856-1, 2:2009
3.	Condensate penetration resistance	W	PN-EN 1856-1, 2:2009
4.	Resistance against chemicals	Resistant	PN-EN 1856-1, 2:2009
5.	Resistance against corrosion	Vm	PN-EN 1856-1, 2:2009
6.	Sootfire resistance	G	PN-EN 1856-1, 2:2009
7.	Minimum distance to combustible materials	50 [mm]	PN-EN 1856-1, 2:2009
8.	Thermal resistance	0 [m²K/W] no insulation	PN-EN 1856-1, 2:2009
9.	Flow resistance coefficient [ζ]	Tee 90° - 1,14 Tee 45° - 0,35 Elbow 90° - 0,40 Elbow 45° - 0,28	PN-EN 1856-1, 2:2009
10.	Average roughness value	R = 0,001[m]	PN-EN 1856-1, 2:2009
11.	Compressive strenght	Pass	PN-EN 1856-1, 2:2009
12.	Freeze thaw resistance	Resistant	PN-EN 1856-1, 2:2009
13.	Wind resistance	1.5kN/m²	PN-EN 1856-1, 2:2009
14.	Tensile strenght	NPD	PN-EN 1856-1, 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 sole responsibility of above identified manufacturer.

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

Dębica 08.06.2018
 (place and date of issue)

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