KOMINFLEX **DECLARATION OF COMMERCIAL PROPERTIES**

No 09/2023

CE 09 1020

1. Unique identification code of the product-type: **Positive pressure chimney system WSPS**
2. Intended usage of the construction product: Positive pressure chimney system **WSPS** -used as an independent chimney structure, external or internal. They are designed for carrying away flue gas and supplying air to devices heating with a closed combustion chamber and condensation heating devices fired with gas and fuel oil, the element of systems of KASKADA and LAS type.
3. Manufacturer:

KOMINFLEX

"Komin-Flex" sp. z o.o.
43-200 Pszczyna
ul. Górnośląska 1

4. Authorized representative: not applicable
5. System of assessment and verification of constancy of performance of the construction product: **2+**

6a. Harmonized norm: PN EN 14989-2 2009

Technický a Zkušební Ústav Stavební Praha, s.p. ***(Technical and Test Institute for Construction Prague, State Facility)***
Notified Body EU No 1020, Number of certificate: 1020-CPD-070038639

7. Declared operational properties:

No.	Basic characteristics	Declared Technical Parameters	Harmonized technical specification PN-EN 14989-2:2007
1.	Compressive strength	**0,21 [kN]**	**PN-EN 14989-2:2009 item 7**
2.	Fire resistance Distance from flammable materials	**O (not resistant)** **100 [mm]**	**PN-EN 14989-2:2009 item 7**
3.	Gas tightness Method of operation of the chimney	**P1 200 [Pa]** **positive pressure**	**PN-EN 14989-2:2009 item 7**
4.	Flow resistance -average roughness -coefficient of flow resistances of local fittings	**Average roughness 0.1 R [mm]** **Elbow 45° - ξ = 0.4; Elbow 90° - ξ = 0.45;** **Pipe tee 90° - ξ = 1.2; Conical reduction 60° - ξ = 0.08**	**PN-EN 14989-2:2009 item 7**
5.	Heat penetration resistance	**0 [m²K/W]**	**PN-EN 14989-2:2009 item 7**
6.	Resistance to soot fire Nominal Temp. work sys. chimney	**O (not resistant)** **T200**	**PN-EN 14989-2:2009 item 7**
7.	Bending strength	**NPD**	**PN-EN 14989-2:2009 item 7**
8.	Tightness after heat tests	**P1 200 [Pa]**	**PN-EN 14989-2:2009 item 7**
9.	Resistance to water and steam diffusion Resistance to the effects of condensate	**resistant** **W**	**PN-EN 14989-2:2009 item 7**
10.	Material type Resistance to corrosion Material thickness	**1.4301, 1.4307*** **Vm, V1, V2** **0,4 to 0,6 [mm]**	**PN-EN 14989-2:2009 item 7**
11.	Resistance to freezing and thawing	**resistant**	**PN-EN 14989-2:2009 item 7**

*NOTE: Manufacturer's declaration of the type of the applied steel

Operational properties of the product defined above are consistent with operational properties declared in item. This declaration of commercial properties is released under the sole responsibility of the manufacturer specified in item 3.

Signed on behalf of the manufacturer by:

Paweł Jerszyński – President

Pszczyna, 18 May 2023