

Declaration of Performance

N° DOP: 0432-CPR-00095-310PR

1. Unique identification code of the product types:

**Air-flue chimney system made of stainless steel
System MKPS „Premium” according to EN 1856-1: 2009**

2. Identification of the construction product, in accordance with Article 11 § 4:

System MKPS – „Premium”

01	T200 – P1 – W – V2 – L99050 – O00
01A	T120 – P1 – W – V2 – L99050 – O00
02	T200 – P1 – W – Vm – L20050 – O00
02A	T120 – P1 – W – Vm – L20050 – O00

3. Use or intended use of the construction product in accordance with the relevant harmonized technical specification as provided by the manufacturer:

**Evacuation of combustion products from the furnace to the outside atmosphere
and air supply**

4. Name, company name or trademark and contact address of the manufacturer, in accordance with Article 11 § 5:

MK Sp. z o.o.

Kadłubia, ul. Kominowa 5

PL 68-200 Żary

Tel: +48684581919; Fax: +48684581914

e-mail: sekretariat@mkzary.pl

5. Name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 §2:

not applicable

6. The system or systems of assessment and verification of constancy of performance of construction product in accordance with Annex V:

System 2+

7. Notified body certifying the factory production control **No 0432**

**Materialprüfungsamt Nordrhein-Westfalen
Marsbruchstraße 186; D-44287 Dortmund**

has carried the initial inspection of the factory and control of factory production and performs the continuous surveillance, assessment and approval of factory production control and has issued the compliance certificate **N° 0432-CPR-00095-310** for the factory production control.

8. **Declared performance in accordance with EN 14989-2:2007, EN 1856-1:2009, annex ZA**

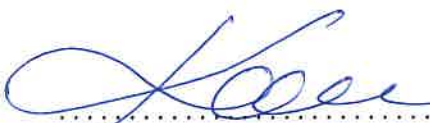
Essential characteristics	Performance	Comments
Materials and sheet thicknesses		
Inner pipe	01 / 01A 1.4521 from 0,5 mm (minimum 0,45 mm) ($\varnothing \geq 80$) 02 / 02A 1.4301 from 0,5 mm (minimum 0,45 mm) (only for $\varnothing 60$)	The range of nominal diameters DN: (60-100) to (350-500) Version "A" DN: (60-100); (80-125); (100-150)
Outer pipe	1.4509 from 0,5 mm (minimum 0,45 mm) Painted or not painted surface.	
Sealing	Seals according to EN 14241-1	For T120 - EPDM gaskets For T200 - Silicone gaskets
Thermal insulation	Air	Concentric air-flue chimney system
Mechanical strength		
Compressive strength Segments of the chimney, fittings and supports	DN (60-100) – (350-500) : to 20 m	For more information, see the manual
Non-vertical installation	3 m at 45°	The maximum distance between two supports
Wind load resistance	DN (60-100) – (350-500): 4 m	The maximum distance between the two side fixings
	DN (80-100) – (350-500): 3 m	Free end above the last clamping
Working conditions		
Fire resistance	01, 02: to T200 – O00 Version type "A": to T120 – O00	Tested in fully ventilated floor penetrations
Tightness	P1 (leakage rate for 200Pa: less than 0,006 [l s ⁻¹ m ⁻²])	Working in positive pressure
Flow resistance Fittings and terminals; roughness	According to EN 13384-1; R = 1 mm	Normative value: see the method of calculation
Thermal resistance	0 m ² /KW	Specified at 200 °C
Resistance to thermal shock		
Heat load at nominal temperature	01, 02: to T200 Version type "A": to T120	Test temperature 250° C Test temperature 150° C
Sootfire resistance	Not (designation O)	
Durability		
Water vapor diffusion and water resistance	Yes (designation W)	
Condensate penetration resistance	Yes (designation W)	

Corrosion resistance	01: V2	For gas, fuel oil and wood (according to EN 1443:2019)
	02: Vm	For gas
Freeze-thaw resistance	Yes	
Additional information		
Carrying away of condensate	(D) M251 instruction of Sewage Disposal Methods Association	Necessary neutralization of sewage
Storage conditions	Do not store in corrosive environment	
Methods of cleaning	Do not use the tools of black steel	
Position of cleaning openings	(D): According to DIN 18 160	Observe the national regulations
Identification of flue systems	(D): According to DIN 18 160 Durable plate, mounted on installation, housing or casing	Observe the national regulations
Protection against contact	Chimney doesn't require any additional safety precautions; the maximum temperature for the surface of the chimney at the T200 <70° C	
Direction of flow	Core pipe female socket upwards	
Installation and assembly	Follow the instructions	

9. The performance of the product identified in points 1 and 2 is consistent with the declared performance in point 7.
This declaration of performance is issued under the sole responsibility of the manufacturer mentioned in point 4.

On behalf of the manufacturer signed:


Kinga Pachnik – Managing Director


Ireneusz Koman – Plant Director

Żary 26-11-2021