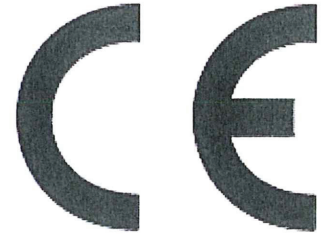




## Declaration of Performance

No DOP: 0432-CPR-00095-310PR\_EN



1. Unique identification code of the product types:

0432

**Air-flue chimney system made of stainless steel  
System MKPS „Premium” according to EN 14989-2: 2007 and EN 1856-1: 2009**

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

### **System MKPS – „Premium“**

|            |                                   |
|------------|-----------------------------------|
| Version 1  | T200 – P1 – W – V2 – L99050 – O00 |
| Version 1A | T120 – P1 – W – V2 – L99050 – O00 |
| Version 2  | T200 – P1 – W – Vm – L20050 – O00 |
| Version 2A | 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**

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

**MK Sp. z o.o.**  
ul. Wiśniowa 24 / Kadłubia 79  
PL 68-200 Żary  
Tel: +48684581919; Fax: +48684581914  
e-mail: [sekretariat@mkzary.pl](mailto: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 for the factory production control.

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

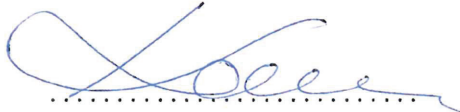
| Essential characteristics  | Performance   | Comments  |
|--|---|---|
| <b>Materials and sheet thicknesses</b>   |   |   |
| <b>Inner pipe</b>  | Version 1 / 1A<br>1.4521 from 0,5 mm (minimum 0,45 mm)<br>( $\varnothing \geq 80$ )<br>Version 2 / 2A<br>1.4301 from 0,5 mm (minimum 0,45 mm)<br>(only for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

|                                       |  |   |
|---------------------------------------|--|---|
| <b>Corrosion resistance</b>           | Version 1: V2  | For gas, fuel oil and wood (open furnace) |
|                                       | Version 2: Vm  | For gas                                   |
| <b>Freeze-thaw resistance</b>         | Yes  |   |
| <b>Additional information</b>         |  |   |
| <b>Carrying away of condensate</b>    | (D) M251 instruction of Sewage Disposal Methods Association  | Necessary neutralization of sewage        |
| <b>Storage conditions</b>             | Do not store in corrosive environment  |   |
| <b>Methods of cleaning</b>            | Do not use the tools of black steel  |   |
| <b>Position of cleaning openings</b>  | (D): According to DIN 18 160   | Observe the national regulations          |
| <b>Identification of flue systems</b> | (D): According to DIN 18 160<br>Durable plate, mounted on installation, housing or casing  | Observe the national regulations          |
| <b>Protection against contact</b>     | Chimney doesn't require any additional safety precautions; the maximum temperature for the surface of the chimney at the T200 <70° C |   |
| <b>Direction of flow</b>              | Core pipe female socket upwards  |   |
| <b>Installation and assembly</b>      | 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 15-12-2017