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| Declaration of Performance |
| **No. 018/a-DOP-2024-03-25** |

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| 1. | Unique identification code of the product type: | **Single wall system chimney**  **PRIMA PLUS** | | |
| 2. | Intended use: | **Convey the products of combustion from heating appliances to the outside atmosphere** | | |
| 3. | Product designations: | Model 1 | DN (80 – 300) | **T200 H1 W V2 L50060 O200** |
|  |  |  |  |  |
|  |  | Model 2 | DN (80 – 300) | **T200 P1 W V2 L50060 O200** |
|  |  |  | DN (350 – 450) | **T200 P1 W V2 L50060 O300** |
|  |  |  | DN (500 – 600) | **T200 P1 W V2 L50060 O400** |
|  |  |  | DN (600 – 1000) | **T200 P1 W V2 L50060 O800** |
|  |  |  |  |  |
|  |  | Model 3 | DN (80 – 300) | **T450 N1 W V2 L50060 G50** |
|  |  |  | DN (350 – 450) | **T450 N1 W V2 L50060 G75** |
|  |  |  | DN (500 – 600) | **T450 N1 W V2 L50060 G100** |
|  |  |  | DN (600 – 1000) | **T450 N1 W V2 L50060 G200** |
|  |  |  |  |  |
|  |  | Model 4 | DN (80 – 300) | **T450 N1 D V3 L50060 G75** |
|  |  |  | DN (350 – 450) | **T450 N1 D V3 L50060 G112,5** |
|  |  |  | DN (500 – 600) | **T450 N1 D V3 L50060 G150** |
|  |  |  | DN (600 – 1000) | **T450 N1 D V3 L50060 G300** |
|  |  |  |  |  |
|  |  | Model 5\* | DN (80 – 300) | **T450 N1 D V2 L99060 G75** |
|  |  |  | DN (350 – 450) | **T450 N1 D V2 L99060 G112,5** |
|  |  |  | DN (500 – 600) | **T450 N1 D V2 L99060 G150** |
|  |  |  | DN (600 – 1000) | **T450 N1 D V2 L99060 G300** |
|  |  | \*L99 material = 1.4521 (444) | | |
|  |  |  | | |
| 4. | Manufacturer: | **Schiedel s.r.o.,**  **Horoušanská 286,**  **CZ-250 81 Nehvizdy** | | |
| 5. | Authorized representative: | **N/A** | | |
| 6. | System(s) of AVCP: | **System 2+ and System 4** | | |
| 7. | Harmonized standard: | **EN 1856-1:2009** | | |
|  | Notified body: | **0036** | | |

8. Declared performance:

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| **Essential characteristics** | **Performance** | **Harmonized tech-nical specification** |
| Compressive strength | Model(s) 1 to 5:  DN (80 – 1000): **NPD** | EN 1856-1: 2009 |
| Chimney sections, fittings and supports | For further information see installation instructions |
| Resistance to fire | Model 1:  DN (80 – 300): **T200 O200**  \*Tested open, 200 mm from combustibles  Model 2:  DN (80 – 300): **T200 O200**  DN (350 - 450): **T200 O300**  DN (500 - 600): **T200 O400**  DN (650 - 1000): **T200 O800**  \*Tested open, 200 mm from combustibles  Model 3:  DN (80 – 300): **T450 G50**  DN (350 - 450): **T450 G75**  DN (500 - 600): **T450 G100**  DN (650 - 1000): **T450 G200**  \*Tested fully enclosed in a non-combustible shaft; floor penetration fully insulated.  Model(s) 4, 5:  DN (80 – 300): **T450 G75**  DN (350 - 450): **T450 G112.5**  DN (500 - 600): **T450 G150**  DN (650 - 1000): **T450 G300**  \*Tested with an insulating jacket, non-enclosed | EN 1856-1: 2009 |
| Gas tightness /leakage | Model 1:  DN (80 – 300): **H1**  Model 2:  DN (80 – 1000): **P1**  Model(s) 3, 4, 5:  DN (80 – 1000): **N1** | EN 1856-1: 2009 |
| Flow resistance of chimney section | Model(s) 1 to 5:  DN (80 – 1000): **1,0** mm | EN 1856-1: 2009 |
| Flow resistance of chimney fittings  Flow resistance of terminals | **Zeta** **0.3** according EN 13384-1  **Zeta** **0.5** according EN 13384-1 | EN 13384-1:2014 |
| Thermal resistance | Model(s) 1, 2, 3:  DN (80 – 1000): **0,00 m2 K/W**  Model(s) 4, 5:  DN (80 – 700): **0,29 m2 K/W** tested at 200°C  *when used with 25 mm 120 kg/m3 insulating jacket* | EN 1856-1: 2009 |

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| **Essential characteristics** | | **Performance** | | **Harmonized tech-nical specification** |
| Thermal shock resistance |  | | EN 1856-1: 2009 | |
| Sootfire Resistance | Model(s) 1, 2:  DN (80 – 1000): **No**  Model(s) 3, 4, 5:  DN (80 – 1000): **Yes** | |
| Thermal performance under normal operating conditions: | Model(s) 1, 2:  DN (80 – 1000): **T200**  Model(s) 3, 4, 5:  DN (80 – 1000): **T450** | | EN 1856-1: 2009 | |
| Flexural tensile strength (only for means of connection for chimney sections and fittings) | Model(s) 1 to 5:  **NPD** | | EN 1856-1: 2009 | |
| Non-vertical installation | Model(s) 1 to 5:  **NPD** | | EN 1856-1: 2009 | |
| Components subject to wind load | Model(s) 1 to 5:  **NPD** | | EN 1856-1: 2009 | |
| Durability |  | | EN 1856-1: 2009 | |
| Water and vapour diffusion resistance | Model(s) 1 to 3:  DN (80 – 1000): **Yes**  Model 4:  DN (80 – 1000): **No** | |
| Condensate penetration resistance | Model(s) 1 to 3:  DN (80 – 1000): **Yes**  Model 4:  DN (80 – 1000): **No** | |
| Durability against corrosion | Model(s) 1, 2, 3, 5:  DN (80 – 1000): **V2**  Model 4:  DN (80 – 1000): **V3** | |
| Freeze-thaw resistance | Model(s) 1 to 5:  DN (80 – 1000): **Yes** | |

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Teplice, 25.03.2024 Ivana Černa,

Plant manager