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| Declaration of Performance |
| **No. 018/c-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 L70060 O200** |
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|  |  | Model 2 | DN (80 – 300) | **T200 P1 W V2 L70060 O200** |
|  |  |  | DN (350 – 450) | **T200 P1 W V2 L70060 O300** |
|  |  |  | DN (500 – 600) | **T200 P1 W V2 L70060 O400** |
|  |  |  | DN (600 – 1000) | **T200 P1 W V2 L70060 O800** |
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|  |  | Model 3 | DN (80 – 300) | **T450 N1 W V2 L70060 G50** |
|  |  |  | DN (350 – 450) | **T450 N1 W V2 L70060 G75** |
|  |  |  | DN (500 – 600) | **T450 N1 W V2 L70060 G100** |
|  |  |  | DN (600 – 1000) | **T450 N1 W V2 L70060 G200** |
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|  |  | Model 4 | DN (80 – 300) | **T450 N1 D V3 L70060 G75** |
|  |  |  | DN (350 – 450) | **T450 N1 D V3 L70060 G112,5** |
|  |  |  | DN (500 – 600) | **T450 N1 D V3 L70060 G150** |
|  |  |  | DN (600 – 1000) | **T450 N1 D V3 L70060 G300** |
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| 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 for terminals) |
| 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 4: 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 4: 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:DN (80 – 1000): **N1** | EN 1856-1: 2009 |
| Flow resistance of chimney section | Model(s) 1 to 4: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 4: 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: DN (80 – 1000): **Yes** |
| Thermal performance under normal operating conditions: | Model(s) 1, 2: DN (80 – 1000): **T200**Model(s) 3, 4:DN (80 – 1000): **T450** | EN 1856-1: 2009 |
| Flexural tensile strength (only for means of connection of chimney sections and fittings) | Model(s) 1 to 4: **NPD** | EN 1856-1: 2009 |
| Non-vertical installation  | Model(s) 1 to 4: **NPD** | EN 1856-1: 2009 |
| Components subject to wind load | Model(s) 1 to 4:**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 to 3:DN (80 – 1000): **V2**Model 4:DN (80 – 1000): **V3** |
| Freeze-thaw resistance | Model(s) 1 to 4: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