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| **Declaration of Performance** |
| **No. 108-DOP-2024-03-25** |

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| 1. | Unique identification code of the product type: | **Single wall system chimney****ME** |
| 2. | Intended use: | **Convey the products of combustion from heating appliances to the outside atmosphere** |
| 3. | Product designations: | Model 1 | DN (80 – 200) | **T200 P1 W V2 L50040 O30** |
|  |  |  | DN (250 – 300) | **T200 P1 W V2 L50050 O30** |
|  |  |  | DN (350 – 450) | **T200 P1 W V2 L50060 O45** |
|  |  |  | DN (500 – 600) | **T200 P1 W V2 L50060 O60** |
|  |  |  | DN (700) | **T200 P1 W V2 L50060 O120** |
|  |  |  | DN (800 – 1000) | **T200 P1 W V2 L50080 O120** |
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|  |  | Model 2 | DN (80 – 200) | **T200 H1 W V2 L50040 O30** |
|  |  |  | DN (250 – 300) | **T200 H1 W V2 L50050 O30** |
|  |  |  | DN (350 – 450) | **T200 H1 W V2 L50060 O45** |
|  |  |  | DN (500 – 600) | **T200 H1 W V2 L50060 O60** |
|  |  |  | DN (700) | **T200 H1 W V2 L50060 O120** |
|  |  |  | DN (800 – 1000) | **T200 H1 W V2 L50080 O120** |
|  |  |  |  |  |
|  |  | Model 3 | DN (80 – 200) | **T400 N1 W V2 L50040 O70** |
|  |  |  | DN (250 – 300) | **T400 N1 W V2 L50050 O70** |
|  |  |  | DN (350 – 450) | **T400 N1 W V2 L50060 O105** |
|  |  |  | DN (500 – 600) | **T400 N1 W V2 L50060 O140** |
|  |  |  | DN (700) | **T400 N1 W V2 L50060 O280** |
|  |  |  | DN (800 – 1000) | **T400 N1 W V2 L50080 O280** |
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|  |  | Model 4 | DN (80 – 200) | **T600 N1 D V2 L50040 G400** |
|  |  |  | DN (250 – 300) | **T600 N1 D V2 L50050 G400** |
|  |  |  | DN (350 – 450) | **T600 N1 D V2 L50060 G600** |
|  |  |  | DN (500 – 600) | **T600 N1 D V2 L50060 O800** |
|  |  |  | DN (700) | **T600 N1 D V2 L50060 O1600** |
|  |  |  | DN (800 – 1000) | **T600 N1 D V2 L50080 O1600** |
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| 4. | Manufacturer: | **Schiedel Sp. z o.o.** **Ul. Wschodnia 24** **45-449 Opole****Poland** |
| 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 technical specification** |
| Compressive strength  | Model(s) 1 to 4: DN (80 – 300): **up to 30 m** DN (350 – 450): **up to 15 m**DN (500 – 600): **up to 12 m**DN (700 – 1000): **up to 9 m** | EN 1856-1: 2009 |
| Chimney sections, fittings and supports | For further information see installation instructions |
| Resistance to fire | Model(s) 1 & 2:DN (80 – 300): **T200 O30** DN (350 – 450): **T200 O45** DN (500 – 600): **T200 O60** DN (700 - 1000): **T200 O120** Model 3:DN (80 – 300): **T400 O70**DN (350 – 450): **T400 O105** DN (500 – 600): **T400 O140** DN (700 - 1000): **T400 O280** \*Tested without enclosure, with back-ventilated ceiling duct. Model 4:DN (80 – 300): **T600 G400** DN (350 – 450): **T600 G600** DN (500 – 600): **T600 G800**DN (700 - 1000): **T600 G1600** \*Tested fully ventilted | EN 1856-1: 2009 |
| Gas tightness /leakage | Model 1:DN (80 – 1000): **P1**Model 2:DN (80 – 1000): **H1**Models 3 & 4:DN (80 – 1000): **N1** | EN 1856-1: 2009 |
| Flow resistance of chimney sections | 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 & 4:DN (80 – 1000): **0,00 m2 K/W**Model 3:DN (80 – 1000): **0,51 m2 K/W***when used with a 25 mm 120 kg/m3 insulating jacket*  | EN 1856-1: 2009 |

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| **Essential characteristics** | **Performance** | **Harmonized technical specification** |
| Thermal shock resistance |  | EN 1856-1: 2009 |
| Sootfire Resistance | Model(s) 1 to 3: DN (80 – 1000): **No**Model(s) 4: DN (80 – 1000): **Yes** |
| Thermal performance under normal operating conditions: | Model (s) 1 & 2: DN (80 – 1000): **T200**Model 3:DN (80 – 1000): **T400**Model 4:DN (80 – 1000): **T600** | EN 1856-1: 2009 |
| Thermal performance under normal operating conditions: | Model (s) 1 & 2: DN (80 – 1000): **T200**Model 3:DN (80 – 1000): **T400**Model 4:DN (80 – 1000): **T600** | EN 1856-1: 2009 |
| Flexural tensile strength (only for means of connection for 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 subjected to the 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 4: DN (80 – 1000): **Yes** |
| Condensate penetration resistance | Model (s) 1 to 4:DN (80 – 1000): **Yes** |
| Durability against corrosion  | Model (s) 1 to 4:DN (80 – 1000): **V2** |
| 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:

Opole, 25.03.2024 Krystian Kula

 CEO Poland