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| **Declaration of Performance** |
| **No. 111-DOP-2024-03-25** |

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| 1. | Unique identification code of the product-type: | **Double wall insulated connecting flue pipe**  **MF** | | |
| 2. | Intended use: | **Convey the products of combustion from heating appliances to the chimney** | | |
| 3. | Product designations: | Model 1 | DN (100-250) | **T200-P1-W-V2-L50040-O10 M** |

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| Model 1 | DN (100 – 250) | **T200 P1 W V2 L50040 O10 M** |  | Model 2 | DN (100 – 250) | **T200 H1 W V2 L50040 O10 M** |
|  | DN (300) | **T200 P1 W V2 L50050 O10 M** |  |  | DN (300) | **T200 H1 W V2 L50050 O10 M** |
|  | DN (350 – 400) | **T200 P1 W V2 L50050 O15 M** |  |  | DN (350 – 400) | **T200 H1 W V2 L50050 O15 M** |
|  | DN (450) | **T200 P1 W V2 L50060 O15 M** |  |  | DN (450) | **T200 H1 W V2 L50060 O15 M** |
|  | DN (500 – 600) | **T200 P1 W V2 L50060 O20 M** |  |  | DN (500 – 600) | **T200 H1 W V2 L50060 O20 M** |
|  | DN (700 | **T200 P1 W V2 L50060 O40 M** |  |  | DN (700 | **T200 H1 W V2 L50060 O40 M** |
|  | DN (800 – 1000) | **T200 P1 W V2 L50080 O40 M** |  |  | DN (800 – 1000) | **T200 H1 W V2 L50080 O40 M** |
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| Model 3 | DN (100 – 250) | **T450 N1 W V2 L50040 O40 M** |  | Model 4 | DN (100 – 250) | **T450 N1 D V3 L50040 G70 M** |
|  | DN (300) | **T450 N1 W V2 L50050 O40 M** |  |  | DN (300) | **T450 N1 D V3 L50050 G70 M** |
|  | DN (350 – 400) | **T450 N1 W V2 L50050 O60 M** |  |  | DN (350 – 400) | **T450 N1 D V3 L50050 G105 M** |
|  | DN (450) | **T450 N1 W V2 L50060 O60 M** |  |  | DN (450) | **T450 N1 D V3 L50060 G105 M** |
|  | DN (500 – 600) | **T450 N1 W V2 L50060 O80 M** |  |  | DN (500 – 600) | **T450 N1 D V3 L50060 G140 M** |
|  | DN (700 | **T450 N1 W V2 L50060 O160 M** |  |  | DN (700 | **T450 N1 D V3 L50060 G280 M** |
|  | DN (800 – 1000) | **T450 N1 W V2 L50080 O160 M** |  |  | DN (800 – 1000) | **T450 N1 D V3 L50080 G280** |
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| Model 5 | DN (100 – 250) | **T600 N1 D V3 L50040 G100 M** |  |  |  |  |
|  | DN (300) | **T600 N1 D V3 L50050 G100 M** |  |  |  |  |
|  | DN (350 – 400) | **T600 N1 D V3 L50050 G150 M** |  |  |  |  |
|  | DN (450) | **T600 N1 D V3 L50060 G150 M** |  |  |  |  |
|  | DN (500 – 600) | **T600 N1 D V3 L50060 G200 M** |  |  |  |  |
|  | DN (700 | **T600 N1 D V3 L50060 G400 M** |  |  |  |  |
|  | DN (800 – 1000) | **T600 N1 D V3 L50080 G400 M** |  |  |  |  |

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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+** |
| 7. | Harmonized standard: | **EN 1856-2:2009** |
|  | Notified body: | **0036** |

8. Declared performance:

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| **Essential characteristics** | **Performance** | **Harmonized technical specification** |
| Compressive strength | Model(s) 1 to 5:  DN (100-300): **up to 30m**  DN (350-450): **up to 15m**  DN (500-600): **up to 12m**  DN (700-1000): **up to 9m** | EN 1856-2: 2009 |
| Resistance to fire | Model(s) 1 & 2:  DN (100-300): **O10 M**  DN (350-450): **O15 M**  DN (500-600): **O20 M**  DN (700-1000): **O40 M**  Model(s) 3:  DN (100-300): **O40 M**  DN (350-450): **O60 M**  DN (500-600): **O80 M**  DN (700-1000): **O160 M**  Model(s) 4:  DN (100-300): **G70 M**  DN (350-450): **G105 M**  DN (500-600): **G140 M**  DN (700-1000): **G280 M**  Model(s) 5:  DN (100-300): **G100 M**  DN (350-450): **G150 M**  DN (500-600): **G200 M**  DN (700-1000): **G400 M** | EN 1856-2: 2009 |
| Gas tightness /leakage | Model(s) 1:  DN (100-1000): **P1**  Model(s) 2:  DN (100-1000): **H1**  Model(s) 3 to 5:  DN (100-1000): **N1** | EN 1856-2: 2009 |
| Flow resistance of chimney sections | Designation(s) 1 to 5:  DN (100 – 1000): **1,0 mm** | EN 1856-2: 2009 |
| Flow resistance of chimney fittings | According EN 13384-1 | EN 13384-1: 2014 |
| Thermal resistance | Model(s) 1 to 5:  DN (100 – 1000): **0.51 m2 K/W** tested at 200°C |  |
| Thermal shock resistance |  | EN 1856-2: 2009 |
| Sootfire Resistance: | Model(s) 1 to 3  DN (100-1000): **No**  Model(s) 4 & 5  DN (100-1000): **Yes** |

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| **Essential characteristics** | **Performance** | **Harmonized technical specification** |
| Thermal performance under normal operating conditions | Model(s) 1 & 2:  DN (100-1000): **T200**  Model(s) 3 & 4:  DN (100-1000): **T400**  Model(s) 5:  DN (100-1000): **T600** | EN 1856-2: 2009 |
| Mechanical resistance and stability |  | EN 1856-2: 2009 |
| Flexural tensile strength | Model(s) 1 to 5:  DN (100-300): **up to 10m**  DN (350-450): **up to 10m**  DN (500-600): **up to 10m**  DN (700-1000): **NPD** |
| Non-vertical installation | Model(s) 1 to 5:  DN (100–1000):  Max. between supports **3,0 m at 90°** | EN 1856-2: 2009 |
| Resistance to wind load | Model(s) 1 to 5:  DN (100–600):  **≤ 3 m** height above last support **≤ 4 m** height between supports   DN (700-1000):  **≤ 1,5 m** height above last support  **≤ 4 m** height between supports | EN 1856-2: 2009 |
| Durability |  | EN 1856-2: 2009 |
| Water and vapour diffusion resistance | Model(s) 1 to 5: DN (100–1000): **Yes** |
| Condensate penetration resistance | Model(s) 1 to 3: DN (100–1000): **Yes**  Model(s) 4 & 5: DN (100–1000): **No** |
| Durability against corrosion | Model(s) 1 to 3: DN (100–1000): **V2**  Model(s) 4 & 5: DN (100–1000): **V3** |
| Freeze thaw resistance | Model(s) 1 to 5: DN (100–1000): **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