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| Declaration of Performance |
| **No. 109-DOP-2024-03-25** |

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| 1. | Unique identification code of the product type: | **Rigid flue liner & connecting flue pipe**  **ME** | | | |
| 2. | Intended use: | **Convey the products of combustion from heating appliances to the chimney** | | | |
| 3. | Product designations: | |  |  |  |

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| Model 1 | DN (80 – 200) | **T200 P1 W V2 L50040 O30 M** |  | Model 6 | DN (80 – 200) | **T200 P1 W V2 L50040 O** |
|  | DN (250 – 300) | **T200 P1 W V2 L50050 O30 M** |  |  | DN (250 – 300) | **T200 P1 W V2 L50050 O** |
|  | DN (350 – 450) | **T200 P1 W V2 L50060 O45 M** |  |  | DN (350 – 700) | **T200 P1 W V2 L50060 O** |
|  | DN (500 – 600) | **T200 P1 W V2 L50060 O60 M** |  |  | DN (800 – 1000) | **T200 P1 W V2 L50080 O** |
|  | DN (700) | **T200 P1 W V2 L50060 O120 M** |  |  |  |  |
|  | DN (800 – 1000) | **T200 P1 W V2 L50080 O120 M** |  |  |  |  |
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| Model 2 | DN (80 – 200) | **T200 H1 W V2 L50040 O30 M** |  | Model 7 | DN (80 – 200) | **T200 H1 W V2 L50040 O** |
|  | DN (250 – 300) | **T200 H1 W V2 L50050 O30 M** |  |  | DN (250 – 300) | **T200 H1 W V2 L50050 O** |
|  | DN (350 – 450) | **T200 H1 W V2 L50060 O45 M** |  |  | DN (350 – 700) | **T200 H1 W V2 L50060 O** |
|  | DN (500 – 600) | **T200 H1 W V2 L50060 O60 M** |  |  | DN (800 – 1000) | **T200 H1 W V2 L50080 O** |
|  | DN (700) | **T200 H1 W V2 L50060 O120 M** |  |  |  |  |
|  | DN (800 – 1000) | **T200 H1 W V2 L50080 O120 M** |  |  |  |  |
|  |  |  |  |  |  |  |
| Model 3 | DN (80 – 300) | **T400 N1 W V2 L50040 O100 M** |  | Model 8 | DN (80 – 300) | **T450 N1 D V2 L50040 G** |
|  | DN (250 – 300) | **T400 N1 W V2 L50050 O100 M** |  |  | DN (250 – 300) | **T450 N1 D V2 L50050 G** |
|  | DN (350 – 450) | **T400 N1 W V2 L50060 O150 M** |  |  | DN (350 – 700) | **T450 N1 D V2 L50060 G** |
|  | DN (500 – 600) | **T400 N1 W V2 L50060 O200 M** |  |  | DN (800 – 1000) | **T450 N1 D V2 L50080 G** |
|  | DN (700) | **T400 N1 W V2 L50060 O400 M** |  |  |  |  |
|  | DN (800 – 1000) | **T400 N1 W V2 L50080 O400 M** |  |  |  |  |
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| Model 4 | DN (80 – 300) | **T450 N1 D V2 L50040 G400 M** |  | Model 9 | DN (80 – 300) | **T600 N1 D V2 L50040 G** |
|  | DN (250 – 300) | **T450 N1 D V2 L50050 G400 M** |  |  | DN (250 – 300) | **T600 N1 D V2 L50050 G** |
|  | DN (350 – 450) | **T450 N1 D V2 L50060 G600 M** |  |  | DN (350 – 700) | **T600 N1 D V2 L50060 G** |
|  | DN (500 – 600) | **T450 N1 D V2 L50060 G800 M** |  |  | DN (800 – 1000) | **T600 N1 D V2 L50080 G** |
|  | DN (700) | **T450 N1 D V2 L50060 G1600 M** |  |  |  |  |
|  | DN (800 – 1000) | **T450 N1 D V2 L50080 G1600 M** |  |  |  |  |
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| Model 4 | DN (80 – 300) | **T600 N1 D V2 L50040 G400 M** |  |  |  |  |
|  | DN (250 – 300) | **T600 N1 D V2 L50050 G400 M** |  |  |  |  |
|  | DN (350 – 450) | **T600 N1 D V2 L50060 G600 M** |  |  |  |  |
|  | DN (500 – 600) | **T600 N1 D V2 L50060 G800 M** |  |  |  |  |
|  | DN (700) | **T600 N1 D V2 L50060 G1600 M** |  |  |  |  |
|  | DN (800 – 1000) | **T600 N1 D V2 L50080 G1600 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+ and System 4** |
| 7. | Harmonized standard: | **EN 1856-2:2009** |
|  | Notified body: | **0036** |

8. Declared performance:

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| **Essential characteristics** | **Performance** | **Harmonized tech-nical specification** |
| Compressive strength | Model(s) 1 to 9:  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 1856-2: 2009 |
| Sections, fittings and supports | For further information see installation instructions |
| Resistance to fire | Model(s) 1 & 2:  DN (80 – 300): **O30 M**  DN (350 – 450): **O45 M**  DN (500 – 600): **O60 M**  DN (700 – 1000): **O120 M**  Model 3:  DN (80 – 300): **O100 M**  DN (350 – 450): **O150 M**  DN (500 – 600): **O200 M**  DN (700 – 1000): **O400 M**  Model(s) 4 & 5:  DN (80 – 300): **G400 M**  DN (350 – 450): **G600 M**  DN (500 – 600): **G800 M**  DN (700 – 1000): **G1600 M**  Model(s) 6 & 7:  DN (80 – 1000): **O**  Model(s) 8 & 9:  DN (80 – 1000): **G** | EN 1856-2: 2009 |
| Gas tightness /leakage | Model(s) 1, 6: **H1**  Model(s) 2, 7: **P1**  Model(s) 3, 4, 5, 8, 9: **N1** | EN 1856-2: 2009 |
| Flow resistance of chimney sections | Model(s) 1 to 9:  DN (80 – 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 9:  DN (80 – 1000): **0,0 m2 K/W** |  |
| Thermal shock resistance |  | EN 1856-2: 2009 |
| Sootfire Resistance: | Model(s) 1, 2, 4, 6, 7: **No**  Model(s) 3, 5, 8, 9: **Yes** |
| Thermal performance under normal operating conditions | Model(s) 1, 2, 6, 7: **T200**  Model(s) 3: **T400**  Model(s) 4, 8: **T450**  Model(s) 5, 9: **T600** | EN 1856-2: 2009 |
| Mechanical resistance and stability |  | EN 1856-2: 2009 |
| Flexural tensile strength | Model(s) 1 to 9:  DN (80 – 1000): **NPD** |

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| **Essential characteristics** | **Performance** | **Harmonized tech-nical specification** |
| Non-vertical installation | Model(s) 1 to 9:  Max. distance between supports **3,0 m at 90°** | EN 1856-2: 2009 |
| Durability |  | EN 1856-2: 2009 |
| Water and vapour diffusion resistance | Model (s) 1, 2, 6, 7:  DN (80 – 1000): **Yes** |
|  | Model (s) 3, 4, 5, 8, 9:  DN (80 – 1000): **No** |
| Condensate penetration resistance | Model (s) 1, 2, 6, 7:  DN (80 – 1000): **Yes** |
|  | Model (s) 3, 4, 5, 8, 9:  DN (80 – 1000): **No** |
| Durability against corrosion | Model (s) 1 to 9:  DN (80 – 1000): **V2** |
| Freeze thaw resistance | Model (s) 1 to 9:  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