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| Declaration of Performance |
| **No. 038-DOP-2024-10-28** |

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| 1. | Unique identification code of the product type: | **Double-wall connecting flue pipe (with 25 and 50 mm insulation)****ICS 5000** |
| 2. | Intended use: | **Convey the products of combustion from heating appliances to the chimney** |
| 3. | Product designations: | Model 1 | DN (80 – 300) | **T600 H1 D V3 – L50050 O100 M** |
|  |  |  | DN (350 – 450) | **T600 H1 D V3 – L50050 O150 M** |
|  |  |  | DN (500 – 600) | **T600 H1 D V3 – L50050 O200 M** |
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|  |  | Model 2\* | DN (80 – 300) | **T600 H1 D V2 – L99050 O100 M** |
|  |  |  | DN (350 – 450) | **T600 H1 D V2 – L99050 O150 M** |
|  |  |  | DN (500 – 600) | **T600 H1 D V2 – L99050 O200 M** |
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|  |  | Model 3 | DN (80 – 300) | **T600 H1 D Vm – L20050 O100 M** |
|  |  |  | DN (350 – 450) | **T600 H1 D Vm – L20050 O150 M** |
|  |  |  | DN (500 – 600) | **T600 H1 D Vm – L20050 O200 M** |
|  |  | \*L99 material = 1.4521 (444)Models valid for both 25 and 50 mm insulation |
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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+** |
| 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 3 (with 25 mm of insulation):DN (80 – 130): **22 m**DN (150 - 300): **18 m**DN (350 - 550): **12 m**DN (600): **10 m**Model(s) 1 to 3 (with 50 mm of insulation):DN (80 – 300): **15 m**DN (350 – 300): **10 m** | EN 1856-2: 2009 |
| Resistance to fire  | Model(s) 1 to 3: DN (80 – 300): **O100 M** DN (350 – 450): **O150 M** DN (450 – 600): **O200 M** | EN 1856-2: 2009 |

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| **Essential characteristics** | **Performance** | **Harmonized technical specification** |
| Gas tightness /leakage | Model(s) 1 to 3: DN (80 – 600): **H1** | EN 1856-2: 2009 |
| Flow resistance of chimney sections | Model(s) 1 to 3:DN (80 – 600): **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 3 (with 25 mm of insulation):DN (80 – 600): **0.37 m2 K/W** tested at 200°CModel(s) 1 to 3 (with 50 mm of insulation):DN (80 – 600): **0.56 m2 K/W** tested at 200°C | EN 1856-2: 2009 |
| Thermal shock resistance  |  | EN 1856-2: 2009 |
| Sootfire resistance | Model(s) 1 to 3: DN (80 – 600): **No** |
| Thermal performance under normal operating conditions | Model(s) 1 to 3: DN (80 – 600): **T600** | EN 1856-2: 2009 |
| Flexural tensile strength  | Model(s) 1 to 3:**NPD** | EN 1856-2: 2009 |
| Non-vertical installation  | Model(s) 1 to 3:DN (80 – 500): between supports **≤ 3 m at 90°**DN (550 - 600): between supports **≤ 4 m at 90°** | EN 1856-2: 2009 |
| Durability |  | EN 1856-2: 2009 |
| Water and vapour diffusion resistance  | Model(s) 1 to 3:DN (80 – 600): **No**  |
| Condensate penetration resistance | Model(s) 1 to 3:DN (80 – 600): **No** |
| Durability against corrosion | Model(s) 1:DN (80 – 600): **V3** Model(s) 2:DN (80 – 600): **V2** Model(s) 3:DN (80 – 600): **Vm** |
| Freeze-thaw resistance | Model(s) 1 to 3:DN (80 – 600): **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, 28.10.2024 Ivana Černa,

 Plant manager