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| Declaration of Performance |
| **No. 117-DOP-2024-03-25** |

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| 1. | Unique identification code of the product-type: | **Double wall connecting flue pipe according to EN 1856-2:2009****US** |
| 2. | Intended use: | **Convey the products of combustion from heating appliance to the chimney** |
| 3. | Product designations: | Model 1 | DN (100 -150) | **T450 N1 D Vm L20040 O50 M** |
|  |  |  |  |  |
|  |  | Model 2 | DN (100 -150) | **T600 N1 D Vm L20040 O50 M** |
| 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 & 2: DN (100 -150): **up to 30 m**  | EN 1856-2: 2009 |
| Resistance to fire  | Model(s) 1 & 2:DN (100 -150): **O50 M**Tested without cover at full length for ventilated system | EN 1856-2: 2009 |
| Gas tightness /leakage | Model(s) 1 & 2: **N1** | EN 1856-2: 2009 |
| Flow resistance of chimney sections | Model(s) 1 & 2: DN (100 – 150): **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 & 2: **NPD** |  |
| Thermal shock resistance  |  | EN 1856-2: 2009 |
| Sootfire Resistance: | Model(s) 1 & 2: DN (100 – 150): **No** |
| Thermal performance under normal operating conditions | Model 1: DN (100 – 150): **T450**Model 2: DN (100 – 150): **T600** | EN 1856-2: 2009 |
| Mechanical resistance and stability |  | EN 1856-2: 2009 |
| Flexural tensile strength | Designation(s) 1 & 2:DN (100 – 150): **up to 10 m** |
| Non-vertical installation | Designation(s) 1 & 2: 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:DN (100 – 150): **No**  |
| Condensate penetration resistance | Model(s) 1 & 2:DN (100 – 150): **Yes** |
| Durability against corrosion | Model(s) 1 & 2:DN (100 – 150): **Vm** |
| Freeze-thaw resistance | Model(s) 1 & 2:DN (100 – 150): **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