|  |
| --- |
| Declaration of Performance |
| **No. 029-DOP-2024-03-25** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. | Unique identification code of the product-type: | | **Single-wall rigid liner and connecting flue pipe**  **PRIMA SMOOTH** | | |
| 2. | Intended use: | | **Convey the products of combustion from heating appliances to the outside atmosphere** | | |
| 3. | Product designations: | Model 1 | | DN (115) | **T600 N1 D V2 L50060 G375 NM** |
|  |  |  | | DN (125) | **T600 N1 D V2 L50060 G375 NM** |
|  |  |  | | DN (150) | **T600 N1 D V2 L50060 G450 NM** |
|  |  |  | | DN (180) | **T600 N1 D V2 L50060 G540 NM** |
|  |  |  | | DN (200) | **T600 N1 D V2 L50060 G600 NM** |
|  |  |  | |  |  |
|  |  | Model 2 | | DN (115) | **T600 N1 D V2 L50100 G375 NM** |
|  |  |  | | DN (125) | **T600 N1 D V2 L50100 G375 NM** |
|  |  |  | | DN (150) | **T600 N1 D V2 L50100 G450 NM** |
|  |  |  | | DN (180) | **T600 N1 D V2 L50100 G540 NM** |
|  |  |  | | DN (200) | **T600 N1 D V2 L50100 G600 NM** |
|  |  |  | |  |  |
|  |  | Model 3 | | DN (115- 200) | **T600 N1 D V2 L50060 G** |
|  |  |  | |  |  |
|  |  | Model 4 | | DN (115 - 200) | **T600 N1 D V2 L50100 G** |
|  |  | |  | | |
| 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:

|  |  |  |
| --- | --- | --- |
| **Essential characteristics** | **Performance** | **Harmonized technical specification** |
| Compressive strength | Model(s) 1 to 4:  DN (115 – 200): **10 m** | EN 1856-2: 2009 |
| Resistance to fire | Model(s) 1 & 2:  DN (115): **T600** **G375 NM**  DN (125): **T600** **G375 NM**  DN (150): **T600** **G450 NM**  DN (180): **T600** **G540 NM**  DN (200): **T600** **G600 NM**  Model(s) 3 & 4:  DN (115 – 200): **T600** **G** | EN 1856-2: 2009 |
| Gas tightness /leakage | Model(s) 1 to 4:  DN (115 – 200): **N1** | EN 1856-2: 2009 |
| Flow resistance of chimney sections | Model(s) 1 to 4:  DN (115 – 200): **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 4:  DN (115 – 200): **0.00 m2 K/W** | EN 1856-2: 2009 |
| Thermal shock resistance |  | EN 1856-2: 2009 |
| Sootfire resistance | Model(s) 1 to 4:  DN (115 – 200): **Yes** |
| Thermal performance under normal operating conditions | Model(s) 1 to 4:  DN (115 – 200): **T600** |  |
| Flexural tensile Strength | Model(s) 1 to 4:  DN (115 – 200): **NPD** | EN 1856-2: 2009 |
| Non-vertical installation | Model(s) 1 to 4:  DN (115 – 200): **2 m** at 90° with supports | EN 1856-2: 2009 |
| Durability |  | EN 1856-2: 2009 |
| Water and vapour diffusion resistance | Model(s) 1 to 4:  DN (115 – 200): **No** |
| Condensate penetration resistance | Model(s) 1 to 4:  DN (115 – 200): **No** |
| Durability against corrosion | Model(s) 1 to 4:  DN (115 – 200): **V2** |
| Freeze-thaw resistance | Model(s) 1 to 4:  DN (115 – 200): **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, 25.03.2024 Ivana Černa,

Plant manager