|  |
| --- |
| Declaration of Performance |
| **No. AUT-XXX-DOP-XXXX.XX.XX** |

|  |  |  |
| --- | --- | --- |
| 1. | Unique identification code of the product-type: | **Multi wall system chimney with ceramic liner** |
|  |  | **Schiedel SIH** |
| 2. | Intended use: | **Convey the products of combustion from heating appliances to the outside atmosphere** |
| 3. | Product designation(s): | **Model 1 T400 N1 D 3 G50**  **Model 2 T200 N1 W 2 O00** |
| 4. | Manufacturer: | **Schiedel GmbH, Friedrich-Schiedel-Str. 2-6, 4542 Nußbach**  **Tel: 0043 50 6161-100, Fax: 0043 50 6161-111, info@schiedel.com** |
| 5. | Authorized representative: | **N/A** |
| 6. | System(s) of AVCP: | **System 2+** |
| 7. | Harmonized standard: | **EN 13063-3:2007** |
|  | Notified body: | **1085** |
| 8. | European technical assesment: | **N/A** |
| 9 | Declared performance: | according to the tables ZA.1.1 and ZA.2 EN 13063-3:2007 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Essential characteristics** | | **Performance** | **Harm. technical specification** |
| 5.6 | Resistance to fire external to external | NPD |  |
| 5.2.1.3 | Resistance to fire internal to external/  Soot fire and thermal shock resistance | Model 1: G50  Model 2: O00 | EN 13063-1:2005 +A1:2007 |
| 5.3.1 | Gas tightness/leakage | N1 |
| 5.7.1 | Flow resistance of inner liners and fittings | r = 1,5 mm (ζ ≤ 1,6) |
| 5.2.3 | Dimensioning/Thermal resistance | DN 12 cm R56  DN 14 cm R50  DN 16 cm R40  DN 18 cm R53  DN 20 cm R43  DN 25 cm R62  DN 30 cm R64  DN 35 cm R73  DN 40 cm R74 |
| 5.2.1.3 | Thermal shock resistance | Model 1: T400  Model 2: T200 |
| 5.1.2 | Compressive strength of clay/ceramic flue liners | ≥ 10 N/mm2 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Essential characteristics** | | **Performance** | **Harm. technical specification** |
| 5.1.3 | Max. height of flue liner sections with openings | ≤ 25 m | EN 13063-1:2005 +A1:2007 |
| 5.1.4.2 | Compressive strength of jointing material for flue liners | ≥ 10 N/mm2 |
| 5.1.6 | Compressive strength of outer wall elements | ≤ 35 m |
| 5.1.7 | Compressive strength of jointing material for outer walls | ≥ 2,5 N/mm2 |
| 6.3 | Strength of overflow opening | 25 m |
| 5.3.2 | Durability of gas tightness/leakage against chemicals/corrosion  Durability of compressive strength against chemicals | Yes  Yes |
| 5.5 | Freeze/thaw resistance | Yes |

10. 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 in point 4.

Signed for and on behalf of the manufacturer by:

Nußbach, 01.01.2021 Alessandro Cappellini

Geschäftsführer

……………………………..

(signature)