|  |
| --- |
| 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 ABSOLUT** |
| 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 R27  DN 14 cm R30  DN 16 cm R33  DN 18 cm R36  DN 20 cm R35  DN 25 cm R45  DN 30 cm R45  DN 40 cm R48 |
| 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 | ≤ 42 m |
| 5.1.7 | Compressive strength of jointing material for outer walls | ≥ 5 N/mm2 |
| 6.3 | Strength of overflow opening | 42 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)