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

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| 1. | Unique identification code of the product type: | **Single module concrete flue blocks** |
|  |  | **Schiedel Isokern DM** |
| 2. | Intended use: | **Convey the products of combustion from heating appliances to the outside atmosphere** |
| 3. | Product designation(s): | **T450 N1 D 3 G00**  |
| 4. | Manufacturer: | **Schiedel Skorstene A/S, Industrivej 23, DK-7470 Karup****Tel: 0045 70 10 20 11,**  |
| 5. | Authorized representative: | **N/A** |
| 6. | System(s) of AVCP: | **System 2+** |
| 7. | Harmonized standard: | **EN 1858-1:2008 + A1:2011** |
|  | Notified body: | **0036** |
| 8. | European technical assesment: | **N/A** |
| 9. | Declared performance: | according to the table ZA.1 EN 1858-1:2008 + A1:2011 |

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| **Essential characteristics** | **Performance** | **Harm. technical specification** |
| 8.4 | Gas tightness | N1 | EN 1858-1:2008 +A1:2011 |
| 8.11.1 | Flow resistance of flue blocks | r = 3 mm |
| 8.11.2 | Flow resistance of fittings | NPD |
| 8.3 | Thermal resistance | 0,655 m2K/W |
| 8.1 | Resistance to fire / Heat stress resistance | T450 |
| 8.2 | Resistance to fire / Heat shock resistance | G00 |
| 8.13 | Fire resistance external to external | NPD |
| 4.2 | Reaction to fire  | A1 |
| 8.6 | Compressive strength/max. building height | 30 m |
| 8.10 | Flexural strength under wind loading | 2,1 m |
| 8.8. | Condensate resistance | No, as designated D |
| 8.7 | Corrosion resistance | 3 |
| 8.5 | Abrasion resistance | Yes |
| 8.12 | Freeze/thaw resistance | NPD |
| 8.14 | Hazardous substances | None |

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:

 Karup, 0X.0X.20XX Geir Vernan

 General manager