

Declaration of Performance

No. 057-DOP-2023-06-01

1. Unique identification code of the product-type: **Multi-wall Metal System Chimney (with 316L Liner)**
UK+
2. Intended use: **Convey the products of combustion from heating appliances to the outside atmosphere**
3. Product Models:
- | | | |
|---------|---------------|--|
| Model 1 | DN (80 – 130) | T200 – P1 – W – V2 – L50040 – O00 |
| Model 2 | DN (80 – 130) | T200 – P1 – W – Vm – L20040 – O00 |
| Model 3 | DN (80 – 130) | T600 – N1 – W – V2 – L50040 – O50 |
| Model 4 | DN (80 – 130) | T600 – N1 – W – Vm – L20040 – O50 |
4. Manufacturer: **Schiedel Metaloterm B.V. Oude Veerseweg 23
4332 SH Middelburg the Netherlands**
**Schiedel Sp. z o.o. ul. Wschodnia 24
45-449 Opole, Poland**
5. Authorised representative: **N/A**
6. System(s) of AVCP: **System 2+** (and System 4 for terminals)
7. Harmonised standard: **EN 1856-1:2009**
- Notified body: **0036**

8. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Compressive strength Chimney sections, fittings and supports	Model(s) 1 to 4: 22 m Supports: No performance determined for more information: www.schiedel.com	EN 1856-1:2009
Resistance to fire	Model(s) 1, 2: T200 O00 *Tested fully ventilated Model(s) 3, 4: T600 O50 **Tested fully enclosed and with ventilated floors.	EN 1856-1:2009
Gas tightness / leakage	Model 1: P1 Model(s) 2, 3, 4: N1	EN 1856-1:2009
Flow resistance of chimney fittings Flow resistance of terminals	Elbows: 15°: 0.2 . 35°: 0.3 . 45°: 0.4 . 90°: 0.5 Tee: 90°: 1.2 . Horizontal version air duct: 0,49 Horizontal version, flue duct: 0,55 Vertical version, air duct: 2,03 Vertical version, flue duct: 0,59	EN 13384-1: 2014
Thermal resistance	Model(s) 1 to 4: NPD	EN 1856-1:2009
Thermal shock resistance / Sootfire resistance:	Model(s) 1 to 4: No	EN 1856-1:2009
Thermal performance under normal operating conditions:	Model(s) 1 & 2: T200 Model(s) 3 & 4: T600	EN 1856-1:2009
Flexural tensile strength <ul style="list-style-type: none"> Sections and fittings Non vertical installation Components subject to wind load 	Model(s) 1 to 4: No performance determined Model(s) 1 to 4: Between supports ≤ 3m at 90° Model(s) 1 to 4: ≤ 1,5 m above last support ≤ 3,0 m between supports	EN 1856-1:2009 EN 1856-1:2009
Durability Water and vapour diffusion resistance Condensate penetration resistance	Model(s) 1 to 4: Yes Model(s) 1 to 4: Yes	EN 1856-1:2009
Against corrosion	Model(s) 1, 3: V2 Model(s) 2, 4: Vm	EN 1856-1:2009
Freeze thaw resistance	Model(s) 1 to 4: Yes	EN 1856-1:2009

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: Drs. Simon J. Ramaekers CEO Schiedel Benelux
01-06-2023

