

Declaration of performance

Nr. 128-DoP-2024-2-14



1. Unique identification code of the product type: **ME1** Single wall stainless steel system according to EN 1856-2:2009
2. Intended use: Convey the products of combustion from heating appliances to the chimney
3. Product designations:

Model 1	DN (150-200)	T400 - N1 - D - V2 - L50100 - G
Model 2	DN (150-200)	T600 - N1 - D - V2 - L50100 - G
4. Manufacturer: Schiedel B.V.
Oude Veerseweg 23
4332 SH Middelburg
The Netherlands
5. Authorised representative: N/A
6. System(s) of AVCP: System 2+ & System 4
7. Harmonized standard: EN 1856-2:2009
Notified body: 0036

8. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	Model 1 & 2 DN (150-200): 30 meter	EN 1856-2:2009
Chimney sections, fittings and supports	Supports no performance determined for further information see www.schiedel.com	
Resistance to fire	Model 1 DN (150-200) T400 G	EN 1856-2:2009
	Model 2 DN (150-200) T600 G	
Gas tightness/leakage	Model 1 & 2 DN (150-200): N1	EN 1856-2:2009
Flow resistance of chimney sections and fittings	Elbows: 15°:0.2. 35°:0.3. 45°:0.4. 90°:0.5. T-piece: 90°:1.2.	EN 13384-1: 2014
Thermal resistance	Model 1 & 2: 0.51 m² K/W tested at 200°C.	EN 1856-2:2009
Thermal shock resistance	Model 1 & 2: Ja	EN 1856-2:2009
Thermal performance under normal operating conditions	Model 1: T400	EN 1856-2:2009
	Model 2: T600	

Declaration of performance

Nr. 128-DoP-2024-2-14



Tensile strength	Model 1 & 2:	
- Flexural strength of joints	DN (150-200) up to 10m	EN 1856-2:2009
- Non vertical installation	Maximum offset between support 3 at 90°	
- Wind load	No value determined	
Sustainability		
Water and vapor diffusion resistance	Model 1 & 2: No	EN 1856-2:2009
Condensate penetration resistance	Model 1 & 2: No	
Resistance against corrosion	Model 1 & 2: V2	EN 1856-2:2009
Freeze thaw resistance	Model 1 & 2: Yes	EN 1856-2:2009

The performance of the product identified above is in accordance with the range of declared performance. 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:

Middelburg 14-2-2024

Drs. Simon J. Ramackers CEO Schiedel Benelux