

Declaration of performance

Nr. 046-DoP-2024-2-14



1. Unique identification code of the product type: Multi-wall stainless steel System Chimney according to EN 1856-1:2009
CLV
2. Intended use: Convey the products of combustion from heating appliances to the outside atmosphere
3. Product designations:

	Model 1	DN (80-180)	T200 - P1 - W - V2 - L50050 - O00
		DN (200-300)	T200 - P1 - W - V2 - L50050 - O00
	Model 2	DN (80-180)	T200 - P1 - W - V2 - L99050 - O00
		DN (200-300)	T200 - P1 - W - V2 - L99050 - O00
	Model 3	DN (80-180)	T200 - N1 - W - V2 - L50050 - O00
		DN (200-300)	T200 - N1 - W - V2 - L50050 - O00
	Model 4	DN (80-180)	T200 - N1 - W - V2 - L99050 - O00
		DN (200-300)	T200 - N1 - W - V2 - L99050 - O00
4. Manufacturer: Schiedel s.r.o.
Horoušanská 286, CZ-250 81 Nehvizdy
5. Authorised representative: Schiedel B.V.
Oude Veerseweg 23, 4332 SH Middelburg NL
6. System(s) of AVCP: System 2+ & System 4 for terminals
7. Harmonized standard: EN 1856-1:2009
Notified body: 0036

8. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	Model(s) 1 to 4 DN (80-130): 22 meter DN (150-180): 18 meter DN (200-300): 18 meter	EN 1856-1:2009
Chimney sections, fittings and supports	Supports no performance determined for further information see www.schiedel.com	
Resistance to fire	Model(s) 1 to 4 DN (80-300): T200 O00 *Tested fully enclosed and with ventilated floors.	EN 1856-1:2009
Gas tightness/leakage	Model(s) 1 & 2 DN (80-300): P1 Model(s) 3 & 4 DN (80-300): N1	EN 1856-1:2009

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Flow resistance of chimney sections and fittings	Model(s) 1 to 4 DN (80-300): 1,0 mm Zeta 0,3 according EN 13384-1 Air duct: 2,03 Flue duct: 0,59	EN 1856-1:2009
Thermal resistance	Model(s) 1 to 4 NPD	EN 1856-1:2009
Thermal shock resistance	Model(s) 1 to 4: No	EN 1856-1:2009
Thermal performance under normal operating conditions	Model(s) 1 to 4: T200	EN 1856-1:2009
Tensile strength - Flexural strength of joints - Non vertical installation - Wind load	Model(s) 1 to 4 DN 80: 48 m DN 300: 15m Between supports \leq 3 m at 90° DN (80-300) \leq 3 m above last support DN (80-300) \leq 4 m between supports	EN 1856-1:2009
Sustainability Water and vapor diffusion resistance Condensate penetration resistance	Model(s) 1 to 4: Yes Model(s) 1 to 4: Yes	EN 1856-1:2009
Resistance against corrosion	Model(s) 1 to 4: V2	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 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. Ramaekers CEO Schiedel Benelux

