

Prestatieverklaring
Nr. 116-DoP-2024-2-15



1. Unique identification code of the product type: Twin walled stainless steel system with according to EN 1856-1:2009 **US**
2. Intended use: Convey the products of combustion from heating appliances to the outside atmosphere
3. Product designations:

Model 1	DN (100-150)	T450 N1 D Vm L20040 O50
Model 2	DN (100-150)	T600 N1 D Vm L20040 O50
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+ en System 4
7. Harmonized standard: EN 1856-1:2009
Notified body: 0036

8. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	Model 1 to 4 22 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 1 DN (100-150): T450 O50 Model 2 DN (100-150): T600 O50 Tested without terminal and with ventilated ceiling leadthrough	EN 1856-1:2009
Gas tightness/leakage	Model 1 DN (100-150): N1 Model 2 DN (100-150): N1	EN 1856-1:2009
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	No performance determined	EN 1856-1:2009
Thermal shock resistance	Model 1 t/m 2: No	EN 1856-1:2009
Thermal performance under normal operating conditions	Model 1: T450 Model 2: T600	EN 1856-1:2009
Tensile strength	Model 1 to 2:	
- Flexural strength of joints	DN (100-150): 10 m	EN 1856-1:2009
- Non vertical installation	3 m between 2 supports	
- Wind load	DN (100-150) Free-standing height 3 m. Max distance between lateral supports 4 m	
Sustainability		
Water and vapor diffusion resistance	Model 1 to 2: No	EN 1856-1:2009
Condensate penetration resistance	Model 1 to 4 DN (80-250): Yes Model 5 DN (80-250): No	
Resistance against corrosion	Model 1 to 2 DN (100-150): VM	EN 1856-1:2009
Freeze thaw resistance	Model 1 to 2: Yes	EN 1856-1:2009

De prestaties van het hierboven geïdentificeerde product zijn in overeenstemming met de reeks verklaarde prestaties. Deze prestatieverklaring is afgegeven in overeenstemming met Verordening (EU) nr. 305/2011, onder de uitsluitende verantwoordelijkheid van de hierboven genoemde fabrikant.

Ondertekend voor en namens de fabrikant door:
 Middelburg 15-2-2024
 Drs. Simon J. Ramackers CEO Schiedel Benelux