

# Prestatieverklaring

## Nr. 057-DoP-2024-2-14



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

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 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 t/m 4 DN (100-150): 22 meter	EN 1856-1:2009
Chimney sections, fittings and supports	Supports no performance determined for further information see <a href="http://www.schiedel.com">www.schiedel.com</a>	
Resistance to fire	Model 1 & 2 DN (80-130): T200 O00 Free ventilated	EN 1856-1:2009
	Model 3 & 4 DN (80-130): T600 O50 Tested within enclosure with ventilated ceiling penetration	
Gas tightness/leakage	Model 1 DN (80-130): P1 Model 2 t/m 4 DN (80-130): N1	EN 1856-1:2009
Flow resistance of chimney sections and fittings	bocht: 15°:0.2. 35°:0.3. 45°:0.4. 90°:0.5. T-stuk: 90°:1.2. Horizontal version air duct: 0,49 Horizontal version flu duct: 0,55 Vertical version air duct: 2,03 Vertical version flue duct: 0,59	EN 13384-1: 2014
Thermal resistance	No performance determined	EN 1856-1:2009
Thermal shock resistance	Model 1 t/m 4: No	EN 1856-1:2009
Thermal performance under normal operating conditions	Model 1 & 2: T200 Model 3 & 4: T600	EN 1856-1:2009



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Tensile strength	Model 1 to 4:	
- Flexural strength of joints	No performance determined	
- Non vertical installation	3 m between 2 supports	EN 1856-1:2009
- Wind load	DN (100-150) Free-standing height 1,5 m. Max distance between lateral supports 3 m	
Sustainability		
Water and vapor diffusion resistance	Model 1 to 4: Yes	EN 1856-1:2009
Condensate penetration resistance	Model 1 to 4 DN: Yes Model 5 DN: No	
Resistance against corrosion	Model 1 & 3 DN: V2 Model 2 & 4 DN: VM	EN 1856-1:2009
Freeze thaw resistance	Model 1 to 4: 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 14-2-2024

Drs. Simon J. Ramaekers CEO Schiedel Benelux