

# Prestatieverklaring

## Nr. 118-DoP-2024-2-15



1. Unique identification code of the product type: Flexible Single walled Metal flue Liner according to EN 1856-2:2009 XE
2. Intended use: Convey the products of combustion from heating appliances to the outside atmosphere
3. Product designations:
 

Model 1	DN (80-300)	T200 P1 W V2 L50010 O
Model 2	DN (80-300)	T300 N1 W V2 L50010 G
Model 3	DN (80-300)	T600 N1 W V2 L50010 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+ en System 4
7. Harmonized standard: EN 1856-2:2009  
Notified body: 0036

### 8. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	No performance determined	
Tensile strength	Up to 40 m	
Crushing resistance	Passed	EN 1856-2:2009
Flexibility	Bending radius > 2 x Ø	
Torsion strength	Passed	
Pulling force	Passed	
Resistance to fire	Model 1 DN (80-300): T200 O	EN 1856-2:2009
	Model 2 DN (80-300): T300 G	
	Model 3 DN (80-300): T600 G	
Gas tightness/leakage	Model 1 DN (80-300): P1	EN 1856-2:2009
	Model 2 & 3 DN (80-250): N1	
Flow resistance of chimney sections and fittings	No performance determined	EN 13384-1: 2014
Thermal resistance	Model 1 up to 4: 0.51 m² K/W tested at 200°C.	EN 1856-2:2009
Thermal shock resistance	Model 1: No	EN 1856-2:2009
	Model 2 & 3: Yes	
Thermal performance under normal operating conditions	Model 1: T200	EN 1856-2:2009
	Model 2: T200	
	Model 3: T400	
Tensile strength	Model 1 to 3:	
- Flexural strength of joints	No performance determined	EN 1856-2:2009
- Non vertical installation	No performance determined	
- Wind load	No performance determined	
Sustainability		
Water and vapor diffusion resistance	Model 1 to 3: Yes	EN 1856-2:2009
Condensate penetration resistance	Model 1 to 3: Yes	
Resistance against corrosion	Model 1 to 3: V2	EN 1856-2:2009
Freeze thaw resistance	Model 1 t/m 3: Yes	EN 1856-2:2009

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. Ramaekers CEO Schiedel Benelux