

Declaration of Performance

No. 029-DOP-2024-09-13

1. Unique identification code of the product-type: **Single-wall rigid liner and connecting flue pipe**

PRIMA SMOOTH

2. Intended use: **Convey the products of combustion from heating appliances to the outside atmosphere**

3. Product designations:	Model 1	DN (115)	T600 N1 D V2 L50060 G375 NM
		DN (125)	T600 N1 D V2 L50060 G375 NM
		DN (130)	T600 N1 D V2 L50060 G390 NM
		DN (150)	T600 N1 D V2 L50060 G450 NM
		DN (180)	T600 N1 D V2 L50060 G540 NM
		DN (200)	T600 N1 D V2 L50060 G600 NM
	Model 2	DN (115)	T600 N1 D V2 L50100 G375 NM
		DN (125)	T600 N1 D V2 L50100 G375 NM
		DN (130)	T600 N1 D V2 L50100 G390 NM
		DN (150)	T600 N1 D V2 L50100 G450 NM
		DN (180)	T600 N1 D V2 L50100 G540 NM
		DN (200)	T600 N1 D V2 L50100 G600 NM
	Model 3	DN (115- 200)	T600 N1 D V2 L50060 G
	Model 4	DN (115 - 200)	T600 N1 D V2 L50100 G

4. Manufacturer: **Schiedel B.V.
Oude Veerseweg 23
4332 SH Middelburg
Nederland**

5. Authorized representative: **N/A**

6. System(s) of AVCP: **System 2+**

7. Harmonized standard: **EN 1856-2:2009**

Notified body: **0036**

8. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	Model(s) 1 to 4: DN (115 – 200): 10 m	EN 1856-2: 2009
Resistance to fire	Model(s) 1 & 2: DN (115): T600 G375 NM DN (125): T600 G375 NM DN (130): T600 G390 NM DN (150): T600 G450 NM DN (180): T600 G540 NM DN (200): T600 G600 NM Model(s) 3 & 4: DN (115 – 200): T600 G	EN 1856-2: 2009
Gas tightness /leakage	Model(s) 1 to 4: DN (115 – 200): N1	EN 1856-2: 2009
Flow resistance of chimney sections	Model(s) 1 to 4: DN (115 – 200): 1,0 mm	EN 1856-2: 2009
Flow resistance of chimney fittings	According EN 13384-1	EN 13384-1: 2014
Thermal resistance	Model(s) 1 to 4: DN (115 – 200): 0.00 m² K/W	EN 1856-2: 2009
Thermal shock resistance Sootfire resistance	Model(s) 1 to 4: DN (115 – 200): Yes	EN 1856-2: 2009
Thermal performance under normal operating conditions	Model(s) 1 to 4: DN (115 – 200): T600	
Flexural tensile Strength	Model(s) 1 to 4: DN (115 – 200): NPD	EN 1856-2: 2009
Non-vertical installation	Model(s) 1 to 4: DN (115 – 200): 2 m at 90° with supports	EN 1856-2: 2009
Durability Water and vapour diffusion resistance Condensate penetration resistance Durability against corrosion Freeze-thaw resistance	Model(s) 1 to 4: DN (115 – 200): No Model(s) 1 to 4: DN (115 – 200): No Model(s) 1 to 4: DN (115 – 200): V2 Model(s) 1 to 4: DN (115 – 200): Yes	EN 1856-2: 2009

The performance of the product identified above is in conformity with the set of declared performance/s. 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 25-10-2024

Simon J. Ramaekers

CEO Schiedel Benelux