

# Declaration of Performance

No. 029-DOP-2023-07-06

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:
- |               |                |  |
|---------------|----------------|--|
| Designation 1 | DN (115)       | <b>T600 – N1 – D – V2 – L50060 – G375 NM</b> |
|               | DN (125)       | <b>T600 – N1 – D – V2 – L50060 – G375 NM</b> |
|               | DN (150)       | <b>T600 – N1 – D – V2 – L50060 – G450 NM</b> |
|               | DN (180)       | <b>T600 – N1 – D – V2 – L50060 – G540 NM</b> |
|               | DN (200)       | <b>T600 – N1 – D – V2 – L50060 – G600 NM</b> |
| Designation 2 | DN (115)       | <b>T600 – N1 – D – V2 – L50100 – G375 NM</b> |
|               | DN (125)       | <b>T600 – N1 – D – V2 – L50100 – G375 NM</b> |
|               | DN (150)       | <b>T600 – N1 – D – V2 – L50100 – G450 NM</b> |
|               | DN (180)       | <b>T600 – N1 – D – V2 – L50100 – G540 NM</b> |
|               | DN (200)       | <b>T600 – N1 – D – V2 – L50100 – G600 NM</b> |
| Designation 3 | DN (115 - 200) | <b>T600 – N1 – D – V2 – L50060 – G</b>       |
| Designation 4 | DN (115 - 200) | <b>T600 – N1 – D – V2 – L50100 – G</b>       |
4. Manufacturer: **Schiedel Metaloterm B.V. Oude Veerseweg 23  
4332 SH Middelburg the Netherlands**
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:

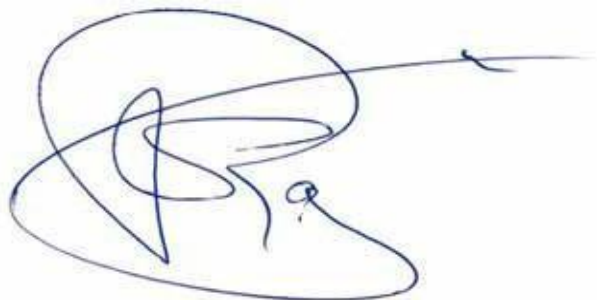
Essential characteristics	Performance	Harmonized technical specification
Compressive strength	Designation(s) 1 to 4: DN (115 – 200): <b>10 m</b>	EN 1856-2: 2009
Resistance to fire	Designation(s) 1 & 2: DN (115): <b>T600 G375 NM</b> DN (125): <b>T600 G375 NM</b> DN (150): <b>T600 G450 NM</b> DN (180): <b>T600 G540 NM</b> DN (200): <b>T600 G600 NM</b>  Designation(s) 3 & 4: DN (115 – 200): <b>T600 G</b>	EN 1856-2: 2009
Gas tightness / leakage	Designation(s) 1 to 4: DN (115 – 200): <b>N1</b>	EN 1856-2: 2009
Flow resistance of chimney sections	Designation(s) 1 to 4: DN (115 – 200): <b>1,0 mm</b>	EN 1856-2: 2009
Flow resistance of chimney fittings	According EN 13384-1 Elbows: 15°: 0,2. 35°: 0,3. 45°: 0,4. 90°: 0,5 T-piece: 90°: 1,2.	EN 13384-1: 2014
Thermal resistance	Designation(s) 1 to 4: DN (115 – 200): <b>0.00 m<sup>2</sup> K/W</b>	EN 1856-2: 2009
Thermal shock resistance		EN 1856-2: 2009
Sootfire resistance	Designation(s) 1 to 4: DN (115 – 200): <b>Yes</b>	
Thermal performance under normal operating conditions	Designation(s) 1 to 4: DN (115 – 200): <b>T600</b>	
Flexural tensile Strength	Designation(s) 1 to 4: DN (115 – 200): <b>NPD</b>	EN 1856-2: 2009
Non-vertical installation	Designation(s) 1 to 4: DN (115 – 200): <b>2 m at 90° with supports</b>	EN 1856-2: 2009
Durability		
Water and vapour diffusion resistance	Designation(s) 1 to 4: DN (115 – 200): <b>No</b>	
Condensate penetration resistance	Designation(s) 1 to 4: DN (115 – 200): <b>No</b>	EN 1856-2: 2009
Against corrosion	Designation(s) 1 to 4: DN (115 – 200): <b>V2</b>	
Freeze thaw resistance	Designation(s) 1 to 4: DN (115 – 200): <b>Yes</b>	

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 06-07-2023

Drs. Simon J. Ramaekers CEO Schiedel Benelux

A handwritten signature in blue ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.