

Declaration of Performance

ICID – System Chimney

GB-014-DOP-13-11-15

Declaration of Performance

No. GB-014-DOP-13-11-15

1. Unique identification code of the product-type:

**Multi-wall Metal System Chimney (with 316L Liner)
EN 1856-1**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Manufacturer Identification(s):

ICID, Eco ICID, HLX 2000, Anderson Flue

Designation 1	DN (125 – 300)	T450	N1	W	V2	L50050	G60
Designation 2	DN (125 – 300)	T450	N1	D	V3	L50050	G60
Designation 3	DN (125 – 300)	T450	N1	W	V2	L50050	G50
Designation 4	DN (125 – 300)	T450	N1	D	V3	L50050	G50
Designation 5	DN (125 – 300)	T200	P1	W	V2	L50050	O00
Designation 6	DN (125 – 200)	T600	N1	W	V2	L50050	G00
Designation 7	DN (125 – 200)	T400	N1	W	V2	L50050	G00

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Convey the products of combustion from heating appliances to the outside atmosphere

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**Schiedel Chimney Systems Ltd
Crowther Estate
Washington
Tyne & Wear
NE38 0AQ
UK
Telephone: +44 (0) 191 4161150
Fax: +44 (0) 191 4151263
Email: sales@schiedel.co.uk**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

n/a

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 2+ and System 4

7. Notified factory production control certification body No. 0036 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

TÜV Industrie Service GmbH TÜV Süd Gruppe
Ridlerstraße 65
D-80339 München

8. Declared performance

Essential characteristics and clauses to EN 1856-1	Performance	Harmonized technical specification
Compressive strength	Designation(s) 1, 2, 3, 4, 5, 6 & 7: npd	EN 1856-1: 2009
Chimney sections, fittings and supports	For further information see installation instructions	
Resistance to fire	<p>Designation(s) 1 & 2: DN (125 – 300) : T450 G60 *Tested fully enclosed in a combustible shaft; floor penetration fully ventilated with ventilated fire-stop plates.</p> <p>Designation(s) 3 & 4: DN (125 – 300) : T450 G50 *Tested fully enclosed in a non-combustible shaft; floor penetration fully insulated with solid fire-stop plates.</p> <p>Designation 5: DN (125 – 300) : T200 O00 *Tested non enclosed; floor penetration fully ventilated with ventilated fire stop plates. ** Can also be installed fully enclosed in a non-combustible shaft; floor penetration fully insulated with solid fire-stop plates.</p> <p><u>Designation 6: (System Chimney using a non-combustible shaft)</u> DN (125 – 200) : T600 G00 *Tested in a 12.5mm non-combustible Promatect-H shaft(60mm distance between outer casing of chimney and inner liner of the shaft); ventilated firestops at the base, ventilated support plates through the 1st floor and ventilated fire-stop plates at the top of the shaft.</p> <p><u>Designation 7: (System Chimney using a non-combustible shaft)</u> DN (125 – 200) : T400 G00 *Tested in a 12.5mm non-combustible Promafour shaft (60mm distance between outer casing of chimney and inner liner of the shaft); solid firestops at the base, ventilated support plates through the 1st floor and ventilated fire-stop plates at the top of the shaft.</p>	

Essential characteristics and clauses to EN 1856-1	Performance	Harmonized technical specification
Gas tightness /leakage	Designation(s) 1, 2, 3, 4, 6 & 7: DN (125 – 300) : N1 (Passed) Designation 5: DN (125 – 300) : P1 (Passed)	EN 1856-1: 2009
Flow resistance of chimney sections	Designation(s) 1, 2, 3, 4, 5, 6 & 7: DN (125 – 300) : 1mm	
Flow resistance of chimney fittings	Zeta 0.3 according EN 13384-1	
Flow resistance of terminals	Zeta 0.5 according EN 13384-1	
Thermal resistance	Designation(s) 1, 2, 3, 4, 5, 6 & 7: DN (125 – 300) : 0.37 m ² K/W tested at 200°C	
Thermal shock resistance	Designation(s) 1, 2, 3, 4, 6 & 7:	
Sootfire Resistance:	DN (125 – 300) : Yes. Designation 5: No as designated O	
Thermal performance under normal operating conditions:	Designation(s) 1, 2, 3, 4: DN (125 – 300) : T450 Designation 5: DN (125 – 300) : T200 Designation 6: DN (125 – 200) : T600 Designation 7: DN (125 – 200) : T400	
Flexural tensile strength (only for means of connection for chimney sections and fittings)	Designation(s) 1, 2, 3, 4, 5, 6 & 7: DN 125 – 27 metres DN 150 – 24 metres DN 180 – 19 metres DN 200 – 18 metres	
Non vertical installation	Designation(s) 1, 2, 3, 4 & 5: DN (125 – 300) between supports ≤ 3m at 90°	
Components subject to wind load	Designation(s) 1, 2, 3, 4 & 5: <u>DN (125 – 300)</u> ≤ 2 m above last support ≤ 4 m between supports	

Essential characteristics and clauses to EN 1856-1	Performance	Harmonized technical specification
Durability Water and vapour diffusion resistance	Designation(s) 1, 2, 3, 4, 5, 6 & 7: DN (125 – 300) : Yes	EN 1856-1: 2009
Condensate penetration resistance	Designation(s) 1, 2, 3, 4, 5, 6 & 7: DN (125 – 300) : Yes	
Against corrosion	Designation(s) 1, 3, 5, 6 & 7: DN (125 – 300) : V2 Designation(s) 2 & 4: DN (125 – 300) : V3	
Freeze thaw resistance	Designation(s) 1, 2, 3, 4, 5, 6 & 7: DN (125 – 300) : Yes	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michael Ball: Chief Executive Officer

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(name and function)

Washington, 13th Nov 2015

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(Place and date of issue)



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(signature)