

Declaration of Performance

Prima Plus – SW Metal System Chimney

GB-023-DOP-22-07-14



Declaration of Performance

No. GB-023-DOP-22-07-14

1. Unique identification code of the product-type:

**Single-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):

Prima Plus 0.6mm

Designation 1	DN (80 – 300)	T200	P1	W	V2	L50060	O200
Designation 1	DN (350 - 400)	T200	P1	W	V2	L50060	O300
Designation 1	DN (450 - 550)	T200	P1	W	V2	L50060	O400
Designation 1	DN (600 - 700)	T200	P1	W	V2	L50060	O800
Designation 2	DN (80 – 300)	T450	N1	D	V3	L50060	G50
Designation 2	DN (350 - 400)	T450	N1	D	V3	L50060	G75
Designation 2	DN (450 - 550)	T450	N1	D	V3	L50060	G100
Designation 2	DN (600 - 700)	T450	N1	D	V3	L50060	G200
Designation 3	DN (80 – 300)	T450	N1	W	V2	L50060	G75
Designation 3	DN (350 - 400)	T450	N1	W	V2	L50060	G112.5
Designation 3	DN (450 - 550)	T450	N1	W	V2	L50060	G150
Designation 3	DN (600 - 700)	T450	N1	W	V2	L50060	G300

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 Chimney sections, fittings and supports	Designation(s) 1, 2 & 3: NPD For further information see installation instructions	EN 1856-1: 2009
Resistance to fire	Designation 1: DN (80 – 300) : T200 O200 DN (350 - 400) : T200 O300 DN (450 - 550) : T200 O400 DN (600 - 700) : T200 O800 *Tested open 200mm from combustibles Designation(s) 2: DN (80 – 300) : T450 G50 DN (350 - 400) : T450 G75 DN (450 - 550) : T450 G100 DN (600 - 700) : T450 G200 *Tested fully enclosed in a non-combustible shaft; floor penetration fully insulated. Designation(s) 3: DN (80 – 300) : T450 G75 DN (350 - 400) : T450 G112.5 DN (450 - 550) : T450 G150 DN (600 - 700) : T450 G300 *Tested with an insulating wrap, non-enclosed	
Gas tightness /leakage	Designation 1: DN (80 – 700) : P1 (Passed) Designation(s) 2 & 3: DN (80 – 700) : N1 (Passed)	
Flow resistance of chimney sections	Designation(s) 1, 2 & 3: DN (80 – 700) : 0.1mm	
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: npd Designation(s) 3: DN (80 – 700) : 0.29 m ² K/W tested at 200°C when used with 25mm 120 Kg/m ³ insulating jacket	
Thermal shock resistance	Designation 1: No as designated O	
Sootfire Resistance:	Designation(s) 2 & 3: DN (80 – 700) : Yes.	

Essential characteristics and clauses to EN 1856-1	Performance	Harmonized technical specification
Thermal performance under normal operating conditions:	Designation 1: DN (80 – 700) : T200 Designation(s) 2 & 3: DN (80 – 700) : T450	EN 1856-1: 2009
Flexural tensile strength (only for means of connection for chimney sections and fittings)	Designation(s) 1, 2 & 3: npd	
Non vertical installation	Designation(s) 1, 2 & 3: Npd	
Components subject to wind load	Designation(s) 1, 2 & 3: Npd	
Durability Water and vapour diffusion resistance	Designation(s) 1, 2 & 3: DN (80 – 700) : Yes	
Condensate penetration resistance	Designation(s) 1 & 2: DN (80 – 700) : Yes Designation 3: DN (80 – 700) : No dry only	
Against corrosion	Designation(s) 1 & 2: DN (80 – 700) : V2 Designation(s) 3: DN (80 – 700) : V3	
Freeze thaw resistance	Designation(s) 1, 2 & 3: DN (80 – 700) : 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, 22nd July 2014

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(place and date of issue)



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(signature)