

Declaration of Performance

EUROPA PLUS - System Chimney

EUROPA PLUS DOP Issue 8
Consolidated

1. Unique identification code of the product-type:

**Single Wall Metal System Chimney
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):

Manufacturers Identification(s):

EUROPA PLUS

Model 1	DN(100-600)	T600 H1 W V2 L50060 GXX
Model 2	DN(650-950)	T600 H1 W V2 L50100 GXX
Model 3	DN(1000-1200)	T600 H1 W V2 L50120 GXX
Model 4	DN(650-950)	T250 H1 W V2 L50100 OXX
Model 5	DN(1000-1200)	T250 H1 W V2 L50120 OXX
Model 6	DN(100-600)	T200 H1 W V2 L50060 OXX
Model 7	DN(650-950)	T200 H1 W V2 L50100 OXX
Model 8	DN(1000-1200)	T200 H1 W V2 L50120 OXX

XX Refer to Section 8.2 Model 6, 7, 8 Single Wall

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

To convey the products of combustion to atmosphere under negative or positive draught conditions.

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

**SFL
Pottington Business Park
Barnstaple
Devon
United Kingdom
EX31 1LZ
Tel: 01271 326633 Fax: 01271 334303
Email: info@sflchimneys.com Web: www.sflchimneys.com**

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 of assessment and verification of consistency of performance as set out in CPR, Annex V:

System 2+ and System 4 (Terminals)

7. Notified factory production control certification body 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 0036 CPR 91455 of the factory production control.

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

8. Declared performance

	Essential Characteristics	Performance	Harmonised Technical Specifications
8.1	Compressive strength Chimney sections, fittings and supports	Lengths Models 1, 2, 6 = 1,153Kg Models 3, 4, 5, 7, 8 = 2,102Kg Tees (All models) See appendix A Supports (All models) See appendix A	EN 1856-1: 2009
8.2	Resistance to fire	<u>Within a Ventilated Combustible Enclosure</u> Models 1, 2, 3 DN (100-300): T600 G100 DN (350-450): T600 G150 DN (500-600): T600 G200 DN (650-1200): T600 G400 Models 4, 5 DN (650-1200): T250 O200 <u>Unenclosed in Open Environment</u> Model 1, 2, 3, 4, 5 DN (100-300): T600 / T250 O50 DN (350-450): T600 / T250 O75 DN (500-600): T600 / T250 O100 DN (650-1200): T600 / T250 O200 Model 6, 7, 8 DN(100-300): T200 O200 DN(350-450): T200 O300 DN(500-600): T200 O400 DN(650-1200): T200 O800	
	Gas tightness / leakage	H1	
8.4	Flow resistance of chimney sections Flow resistance of chimney fittings	Mean Value of Roughness: 1mm According to EN 13384-1	
8.5	Thermal resistance @ 200°C (As calculated to EN1859)	Model 1, 2, 3, 4, 5: 25mm Insulation: 0.4 m²K/W 50mm Insulation: 0.7 m²K/W 100mm Insulation: 1.15 m²K/W Model 6, 7: Single Wall: 0 m²K/W	
8.6	Thermal shock resistance Sootfire resistance	Models 1, 2, 3: Yes Models 4, 5, 6, 7, 8: No	

8.7	Thermal performance under normal operating conditions	Models 1, 2, 3: T600 Models 4, 5: T250 Models 6, 7, 8: T200	EN 1856-1: 2009
8.8	Flexural tensile Strength (only for means of connection for a chimney and fittings)	Models 1, 6 838 Kg Model 2, 3, 4, 5, 7, 8 1,480 Kg	
8.9	Non vertical installations	All models 25mm Insulation = 3m at 90° 50mm & 100mm Insulation = 2.2m at 90°	
8.10	Components subject to wind load	Model 1, 2, 3, 4, 5: <u>DN100</u> ≤ 2.0m above last support ≤ 4m between supports <u>DN (150 - 1200)</u> ≤ 3.0m above last support ≤ 4m between supports Model 6, 7, 8: NPD	
8.11	Water and vapour diffusion resistance	Yes	
8.12	Condensate penetration resistance.	Yes	
8.13	Durability against corrosion	V2	
8.14	Freeze thaw	N/A	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. The 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:

Barnstaple, Devon 24/02/2026



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Sami Caglar Managing Director

Appendix A - Structural Loadings

The product design loads represent the nearest approximation based on the weight tolerance of the product and current technical literature.

Compressive loading - Support Plates, Wall Support Brackets, Tees

Size (mm)	Maximum Loadings (Kg)		
	Wall Supports ¹	Support Plates ²	Tees ³
100	400	400	100
150	450	450	100
175	500	525	100
200	550	600	125
250	625	750	150
300	700	900	175
350	800	1050	200
400	875	1250	225
450	950	1350	250
500	1050	1500	275
550	1125	1650	312
600	1200	1800	350
650	1287	1887	375
700	1375	1975	400
750	1462	2062	425
800	1550	2150	450
850	1625	2250	475
900	1700	2350	500
950	1787	2425	525
1000	1875	2500	550
1100	1875	2500	600
1200	1875	2500	650

1. These loads can only be attained by using adequate fixing to a suitable structure

2. All four sides of the Support Plate must be supported

3. Tees - Loading assumes that the tee is supported on its base

IMPORTANT: Please refer to the installation instructions for detailed information