

**Declaration of Performance  
IL - System Chimney**

**IL DOP Issue 5**

**BS EN 1856-1**



1. Unique identification code of the product-type:

**Multi Wall Metal System Chimney  
EN 1856-1: 2009**

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):**

**IL**  
Model 1 DN (100-150) T250 N1 D Vm L11030 O50

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 from a conventional naturally aspirated gas appliance to atmosphere under negative draught and dry 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 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 2797 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 2797 CPR 496040 of the factory production control.

**BSI Group The Netherlands B.V.**  
**John M. Keynesplein 9,**  
**1066 EP Amsterdam,**  
**The Netherlands.**

8. Declared Performance

	Essential Characteristics	Performance	Harmonised Technical Specifications
8.1	Compressive strength Chimney sections, fittings and supports	<b>Lengths:</b> 69m <b>Tees:</b> 34m <b>Supports:</b> 18m	EN 1856-1: 2009
8.2	Resistance to fire	T200 O50	
8.3	Gas tightness / leakage	N1	
8.4	Flow resistance of chimney sections Flow resistance of chimney fittings	According to EN 13384-1	
8.5	Thermal resistance	0.015 m <sup>2</sup> K/W @ 200°C	
8.6	Thermal shock resistance Sootfire resistance	No	
8.7	Thermal performance under normal operating conditions	T250	
8.8	Flexural tensile Strength (only for means of connection for a chimney and fittings)	≤5m	
8.9	Non vertical installations	Maximum offset 2m between 2 supports at 45°	
9.10	Components subject to wind load	Free standing height above last support: 1m Maximum spacing between lateral supports: 3m	

8.11	Water and vapour diffusion resistance	No	EN 1856-1: 2009
8.12	Condensate penetration resistance.	No	
8.13	Durability against corrosion	Vm (L11030)	
8.14	Freeze thaw	Yes	

*For further technical information, please refer to the product sales literature.*

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 22/12/2020



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Flavio Buccianti Managing Director