

# Declaration of Performance

## Tecnoflex Plus – Flexible Twinskin Liner

GB-028-DOP-25-06-15



# Declaration of Performance

No. GB-028-DOP-25-06-15

1. Unique identification code of the product-type:

**Flexible Flue Liner (316L & 904L Liner Options)\*  
EN 1856-2**

*\*includes associated fittings as tested and approved.*

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):

### **Tecnoflex Plus**

Designation 1	DN (80 – 400)	<b>T200</b>	<b>P1</b>	<b>W</b>	<b>V2</b>	<b>L50010</b>	<b>O</b>
Designation 2	DN (80 – 400)	<b>T600</b>	<b>N1</b>	<b>W</b>	<b>V2</b>	<b>L50010</b>	<b>G</b>
Designation 3	DN (80 – 400)	<b>T200</b>	<b>P1</b>	<b>W</b>	<b>V2</b>	<b>L70010</b>	<b>O</b>
Designation 4	DN (80 – 400)	<b>T600</b>	<b>N1</b>	<b>W</b>	<b>V2</b>	<b>L70010</b>	<b>G</b>
Designation 5	DN (80 – 400)	<b>T200</b>	<b>P1</b>	<b>W</b>	<b>V2</b>	<b>L50012</b>	<b>O</b>
Designation 6	DN (80 – 400)	<b>T600</b>	<b>N1</b>	<b>W</b>	<b>V2</b>	<b>L50012</b>	<b>G</b>
Designation 7	DN (80 – 400)	<b>T200</b>	<b>P1</b>	<b>W</b>	<b>V2</b>	<b>L70012</b>	<b>O</b>
Designation 8	DN (80 – 400)	<b>T600</b>	<b>N1</b>	<b>W</b>	<b>V2</b>	<b>L70012</b>	<b>G</b>

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 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+**

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. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**N/A**

9. Declared performance

Essential characteristics and clauses to EN 1856-2	Performance	Harmonized technical specification
Compressive strength of fittings and supports  Tensile Strength  Crushing Resistance  Flexibility  Torsion Strength  Pulling Force	Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: NPD Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: up to 20m Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: Passed Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: Maximum angle for installation 45° with a maximum bending radius of 3 x Ø Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: Passed Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: Passed	
Resistance to fire	Designation(s) 1, 3, 5 & 7: (DN 80-400): O Designation(s) 2, 4, 6 & 8: (DN 80-400): G	EN 1856-2: 2009
Gas tightness /leakage	Designation(s) 1, 3, 5 & 7: (DN 80-400): P1 Designation(s) 2, 4, 6 & 8: (DN 80-400): N1	
Flow resistance of chimney sections	According EN 13384-1	
Thermal shock resistance  Sootfire Resistance:  Thermal performance under normal operating conditions:	Designation(s) 1, 3, 5 & 7: (DN80-400): No *as designated O Designation(s) 2, 4, 6 & 8: (DN80-400): Yes. Designation(s) 1, 3, 5 & 7: (80-400): T200 Designation(s) 2, 4, 6 & 8: (80-400): T600	

Essential characteristics and clauses to EN 1856-2	Performance	Harmonized technical specification
Durability Water and vapour diffusion resistance	Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: Yes	
Condensate penetration resistance	Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: Yes	
Against corrosion	Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: V2	
Freeze thaw resistance	Designation(s) 1, 2, 3, 4, 5, 6, 7 & 8: Yes	

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

(name and function)



(signature)

**Washington, 25<sup>th</sup> June 2015**

(place and date of issue)