



# EU-Declaration of Performance

DoP no: 011INOXDoP20130701



1. Unique identification code of the product-type:

**Metal Flexible Flue Liners NEN-EN 1856-2:2009**

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

Type 1: PANFLEX INOX	T450 N1 D Vm L50010 G (Metal Flexible flue liner, Dn 80 – 500 mm)
Type 2: PANFLEX INOX	T200 P1 W Vm L50010 O (Metal Flexible flue liner, Dn 50 – 500 mm)
Type 3: PANFLEX INOX Gastec-QA	T200 P1 W Vm L50010 O (Metal Flexible flue liner, Dn 50 – 110 mm)
Type 4: PANFLEX INOX-VS	T200 P1 W Vm L50010 O (Metal Flexible flue liner, Dn 50 – 60 mm)
Type 5: PANFLEX INOX-Twin	T600 N1 D Vm L50010 G (Metal Flexible flue liner, Dn 80 – 300 mm)
Type 6: PANFLEX INOX-DL	T200 P1 W Vm L50010 O (Metal Flexible flue liner, Dn 50 – 100 mm)

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, convey air for combustion.**

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

**Panflex B.V.**  
Postbus 36  
6710 BC Ede, (NL)  
Tel. +31318623000  
Fax. +31318692133  
Email: [info@panflex.nl](mailto:info@panflex.nl)

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

**Not applicable.**

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. The notified body KIWA with identification number 0694, carried out under system 2 + initial inspection of the of the factory and of the factory production control and the assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.**

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

**Not applicable**

9. Declared performance:

Essential Characteristic	Performance	Harmonised technical specification
<b>Compressive strength (maximum height)</b>	50 m (Dn 50 – 160 mm) 25 m (Dn 180 – 200 mm) 15 m (Dn 220 – 500 mm)	EN 1856-2
<b>Tensile strength</b>	20 m	
<b>Crushing resistance</b>	Passed	
<b>Flexibility</b>	Maximum inclination: 45°	
<b>Torsion strength</b>	Passed	
<b>Pulling force</b>	Passed	
<b>Resistance to fire (class)</b>	Type 1 and type 5 : G Type 2, 3, 4 and 6 : O	
<b>Gas tightness (pressure class)</b>	Type 1 and type 5 : N1 Type 2, 3, 4 and 6 : P1	
<b>Flow resistance of chimney sections, fittings and terminals</b>	According to EN 13384-1	
<b>Thermal shock resistance</b>		
<b>Sootfire resistance</b>	Type 1 and type 5 : Yes Type 2, 3, 4 and 6 : No* (*) because designated "O"	
<b>Thermal Performance under normal operating conditions</b>	Type 1 : T450 Type 2, 3, 4 and 6 : T200 Type 5 : T600	
<b>Durability</b>		
<b>Water and vapour diffusion resistance</b>	Yes	
<b>Condensate penetration resistance</b>	Yes	
<b>Against corrosion (class)</b>	Vm	
<b>Freeze thaw resistance</b>	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:

**Drs. M.R.J. Derksen, Algemeen Directeur Panflex B.V.**

Ede, 1 July 2013