



EU-Declaration of Performance

DoP no: 021ROAXDoP20130701



1. Unique identification code of the product-type:

System chimneys with plastic flue liners NEN-EN 14471:2013

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

Type: PANFLEX ROAX T120 P1 W 2 000 LI E U0 (PP+ Flexible flue liner, Dn 80 – 100 mm)

Type: PANFLEX ROAX EFS T120 P1 W 2 000 LI E U0 (PP+ Flexible flue liner, Dn 50 – 60 mm)

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

Convey products of combustion 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

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. In case of the declaration of performance concerning a Construction product covered by a harmonised standard:

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 continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

8. Declared performance:

Essential Characteristic	Performance	Harmonised technical specification
Compressive strength (maximum height)	25 m (Dn 50 – Dn 100 mm)	EN 14471
Fire resistance (class)	T120 O00 E U0	
Gas tightness (pressure class)	P1	
Thermal performance (temperature class)	T 120	
Dimensioning (mm)	Panflex ROAX - Dn 80 (= i.d.) - Dn 100 (= i.d.) Panflex ROAX EFS - Dn 50 (= i.d.) - Dn 60 (= i.d.)	
Thermal resistance in m ² K/W	R00	
Flow resistance of chimney sections (r = mean value of roughness of the inner wall)	Panflex ROAX : 1 mm Panflex ROAX EFS : 0,5 mm	
Flexural tensile strength (maximum inclination)	45°	
Durability against : - Chemicals (condensate resistance class) - Chemicals (corrosion resistance class) - UV (location class)	W 2 LI	
Reaction to fire	E	
Freeze thaw resistance	NPD	EN 14471
Dangerous substances	Declared substances	Relevant national regulations

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:

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

Ede, 01 July 2013