

# EU Declaration of Performance

DoP No : 0476-CPR-5022

1. Unique product identification code of the product type:  
Pahflex flexible stainless steel liner 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 Pahflex single T400 N1 W V2-L50012  
Type 1 Pahflex single T400 N1 W V2-L50010  
Type 1 Pahflex single T400 N1 W V2-L70012  
Type 2 Pahflex single T600 N1 D V2-L50012  
Type 2 Pahflex single T600 N1 D V2-L50010  
Type 2 Pahflex single T600 N1 D V2-L70012  
Type 3 Pahflex single T200 P1 W V2-L50010  
Type 3 Pahflex single T200 P1 W V2-L50012  
Type 3 Pahflex single T200 P1 W V2-L70012  
Type 4 Pahflex double T400 N1 W V2-L50012  
Type 5 Pahflex double T600 N1 D V2-L50012  
Type 6 Pahflex double T200 P1 W V2-L50012

3. Intended use or uses of the construction product, in accordance with the applicable Harmonized specification, as foreseen by the manufacturer:  
The exhaust of flue gasses to the atmosphere through a liner in the existing chimney
4. Name, registered trade name or registered trade mark and contact address from the manufacturer, as required under Article 11(5):

STB international BV  
Mercuriusweg 43  
6971 GV Brummen Nederland  
[info@pahflex.nl](mailto:info@pahflex.nl)

5. Where applicable, name and contact address of the authorized 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 + for sections and fittings, system 4 for terminals
7. The notified body KIWA with identification number 0476, 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. Declared Performance:

Essential Characteristic	Performance	Harmonised Technical Specification
Compressive Strength (maximum height)	N.A.	
Tensile strength	34m	
Crushing resistance	Passed	
Flexibility	Max. inclination 45°	
Torsion Strength	Passed	
Pulling Force	Passed	
Resistance to fire (class)	Type 2 and 5 : G Type 3 and 6 : O	
Gas tightness (pressure Class)	Type 1, 2, 4 and 5 : N1 Type 3 and 6 : P1	
Flow resistance of Chimney Sections, fittings and Terminals	According to EN 13384-1	
Thermal Shock resistance		EN 1856-2
Sootfire resistance	Type 1, 2, 4 and 5 : Yes Type 3 and 6 : No	
Thermal Performance under normal operating conditions	Type 1 and 4 T400 Type 3 and 6 T200 Type 2 and 5 T600	
Durability		
Water and vapour diffusion resistance	Yes	
Condensate penetration resistance	Yes	
Against corrosion (class)	Vm/V2	
Freeze thaw resistance	Yes	

9. 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:

Dhr. D. Smudde, Algemeen directeur STB international BV