



Declaration of Performance (Dop) in compliance with the EU Regulation 305/2011 Nr. 11-DoP-01.07.2013

1. Unique identification code of the product-type:

Single-wall rigid chimney system with plastic flue duct according to the EN 14471:2005 – Group 1; 2; 3

2. Identification element of the construction product:

STABILE PA | Dimensional range: Ø60 – Ø80 – Ø110 – Ø125 – Ø160 – Ø200

Designation 1	T120 – H1 – O – W – 2 – O10 – I – F – L1	Single-wall chimney system – Group 1 – Ø60;Ø80	With gasket
Designation 2	T120 – H1 – O – W – 2 – O20 – I – F – L1	Single-wall chimney system – Group 2 – Ø110;Ø125;Ø160	With gasket
Designation 3	T120 – H1 – O – W – 2 – O40 – I – F – L1	Single-wall chimney system – Group 3 – Ø200	With gasket

3. Intended use of the product, in accordance with applicable standards:

Chimney system to convey the flue gases from the appliance to the outside atmosphere

4. Name and address of the manufacturer:

STABILE S.p.A. Via Fratelli Kennedy, 1 – 21055 Gorla Minore (Va)
Ph.: ++39 0331.366.193
Fax: ++39 0331.366.021
@: info@stabile.it

5. Name and address of the representative:

Not applicable

6. System or systems of assessment or verification of constancy of performance of the product:

System 2+

7. Notified body, if involved in the assessment and verification of constancy of performance of the product:

Description of tasks of third-party	Certificate of conformity Nr.
The notified body KIWA Italia S.p.A., with identification number 0694, carried out the initial inspection of the production plant and of the factory production control according to the system 2+ in 2011 and performs the continuous surveillance for the assessment and the verification of the factory production control and issued a certificate of conformity of the factory production control.	EN 14471:2005 0694 – CPR - 4354

8. European assessment involved in the assessment and verification of constancy of performance of the product:

Not applicable

9. Declared performance:

Essential features	Performance			Harmonized technical specification
	Group 1 [Ø mm]	Group 2 [Ø mm]	Group [Ø mm]	
Group identification	60 - 80	110 - 125 - 160	200	EN 14471: 2005
Compressive strength	10 mt.	10 mt.	8 mt.	
Distance between supports for non-vertical installations	≤ 1.5 mt.			
Max vertical inclination	45°			
Max non-vertical inclination	90°			
Resistance to wind load	NDP (since the system is to be ducted)			
Resistance to fire	Fail (since "O" designed)			
- Designation 1; 2; 3	Fail (since "O" designed)			
Gas tightness	H1 = 5000 Pa	<0.006 l·s ⁻¹ ·m ⁻²		
Thermal performances	Pass			
Tensile strength	Pass			
Dimensions [mm]	60	80	110	EN 14471: 2005
	125	160	200	
Thermal resistance	0.00 m ² K/W [R 00]			
Temperature class	T120			
Resistance to bending and torsion	Pass			
Condensation resistance	W			
Class of reaction to fire	F Not determined criterion			
Corrosion resistance	2			
Durability to steam and/or condensate	W			
Distance from combustible materials	Designation 1	O10	10 mm	
	Designation 2	O20	20 mm	
	Designation 3	O40	40 mm	
Positioning	I Indoor installation			
Class of ducting	L1 Combustible enclosure			
Resistance to UV rays	Fail I = indoor installation			





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Leakings				
- PAED 01 D60	Group 1		0.3234 [ζ]	
- PAED 02 D60			0.1386 [ζ]	
- PAED 01 D80			0.1848 [ζ]	
- PAED 02 D80			0.0924 [ζ]	
- PACQ 45 D60			0.2310 [ζ]	
- PACN 90 D60			1.0164 [ζ]	
- PACQ 45 D80			0.1848 [ζ]	
- PACN 90 D80			0.9240 [ζ]	
- PAED 01 D110	Group 2		0.1386 [ζ]	
- PAED 02 D110			0.0462 [ζ]	
- PACQ 45 D110			0.1848 [ζ]	
- PACN 90 D110			0.7392 [ζ]	
- PAED 01 D200	Group 3		0.0462 [ζ]	
- PAED 02 D200			0.0231 [ζ]	
- PACQ 45 D200			0.1386 [ζ]	
- PACN 90 D200			0.6468 [ζ]	
Accidental human contact	Group	Reference Ø	Vertical installations	Non-vertical installations
	1	80	72°C < 93°C	66°C < 93°C
	2	110	72.1°C < 93°C	66.5°C < 93°C
	3	200	92°C < 93°C	55.5°C < 93°C
Geometric stability	Pass			
Characterization	Pass			
Mechanical behavior and stability	Pass			
Durability/resistance to thermal loads	Pass			

EN 14471: 2005

10. The performance of the product referred to in points 1 and 2 conforms with with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer referred to in point 4.

Signed for and on behalf of the manufacturer:

Mr. Venegoni Andrea

Product certification Manager

Place and date



Gorla Minore, 01.07.2013

Signature





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CE Marking			
<i>in compliance with the EU Regulation 305/2011 – complying with the annex 2 of the EU Regulation nr. 765/2008</i>			
	<i>Recycling</i> 		
STABILE S.p.A.	Via Fratelli Kennedy, 1 – 21055 Gorla Minore (Va)		
Ph.:	++39 0331.366.193		
Fax:	++39 0331.366.021		
@:	info@stabile.it		
DoP	Nr. 11-DoP-01.07.2013		
Identification Code	STABILE PA		
Standard	EN 14471:2005	Certificate of conformity Nr.	0694 – CPR - 4354
Notified body code	0694		
Use	Chimney system to convey the flue gases from the appliance to the outside atmosphere		
Designation 1	T120 – H1 – O – W – 2 – O10 – I – F – L1	Group 1 – Ø60;Ø80	
Designation 2	T120 – H1 – O – W – 2 – O20 – I – F – L1	Group 2 – Ø110;Ø125;Ø160	
Designation 3	T120 – H1 – O – W – 2 – O40 – I – F – L1	Group 3 – Ø200	
<i>Essential features</i>		<i>Performance</i>	
Maximum height using the Tee element	Group 1	10 mt.	
	Group 2	10 mt.	
	Group 3	8 mt.	
Resistance to fire	0		
Gas tightness	H1 = 5000 Pa		
Thermal performance	T120		
Diameters [mm]	60 – 80 – 110 – 125 – 160 – 200		
Resistance to wind load	System for ducting classified in L1		
Thermal resistance	0.00 m ² K/W [R 00]		
Resistance to flow	See table in the Dop n° 11-DoP-01.07.2013		
Positioning	I		
Reaction to fire	F		
Enclosure class	L1		
Max vertical inclination	45°		
Max non-vertical inclination	90°		
Distance between supports	≤ 1.5 mt.		
Resistance to condensate	W		
Resistance to corrosion	2		
Durability against UV rays	Fail	I = indoor installations	

