

## 17 D.o.P. - 01.07.2013 | Declaration of Performance (D.o.P.)

in accordance with Delegated Regulation (EU) No. 574/2014

Identifying logo



### 1. Unique identification code of the product-type:

Double-wall metal chimney, flue liner and connecting flue pipe in steel 1,4404 (AISI 316L) thickness 0.5 - 0.6 - 0.8 - 1 mm and external wall in stainless steel.

<b>STABILEPD</b>	Diameter range: Ø80 - Ø900	
Designation 1	<b>T200 - P1 - W - V2 - L50050 - O(50)</b>	EN 1856-1: 2009 - Rigid double-wall chimney   With gasket
Designation 2	<b>T600 - N1 - D - V2 - L50050 - G(70)</b>	EN 1856-1: 2009 - Rigid double-wall chimney   Without gasket
Note 1:	For the <b>STABILEPD</b> line, the following designations also apply: L50060, L50080, L50100.	

#### Clearance to combustible materials:

In the case of chimney systems, the clearances to combustible materials indicated in the previous table apply up to internal diameters of 300 mm. For chimney systems with internal diameter greater than 300 mm, the following corrective coefficients apply:

- for internal diameters between 304 and 450 mm inclusive, multiply the clearance by 1.5;
- for diameters between 401 and 600 mm inclusive, multiply by 2;
- for internal diameters greater than 600 mm multiply the clearance by 4.

### 2. Intended use:

Chimney system, flue liner and connecting flue pipe to convey the combustion gases from the appliance to the outside atmosphere.

### 3. Manufacturer:

**M&G Group Italy S.p.A.** Via Fratelli Kennedy, 1 - 21055 Gorla Minore (VA)  
 Tel.: ++39 0331.366.193  
 Fax: ++39 0331.366.021  
 @ info@stabile.it  
 Production site: TC/2008/115

### 4. Authorised representative:

Not applicable

### 5. AVCP system/s:

System 2+

### 6. Harmonised standard:

EN 1856-1: 2009

Chimneys  
 Requirements for metal chimneys - Part 1 : System chimney products

- Notified body/ies:

**0407 • Istituto Giordano S.p.A. |** Via Rossini, 2 - 47814 Bellaria - Igea Marina (RN) - Italy  
 - Certificate of conformity No.: **0407 - CPR - 180 (IG - 002 - 2008)**  
 Date of first issue: 09/01/2008

### 7. Declared performance/s:

Essential characteristics		Performance		Harmonised technical specification
Compressive strength	Designation 1 - 2	Pass		EN 1856-1: 2009
Reaction to fire	Designation 1	<b>O</b>	50 mm - Chimney system	
	Designation 2	<b>G</b>	70 mm - Chimney system	
Gas tightness class	Designation 1	<b>P1</b>	200 Pa	
	Designation 2	<b>N1</b>	40 Pa	
Flow resistance	Designation 1 - 2	1.19 ζ	Weatherproof cowl	
		1.48 ζ	Rainhat	
		1.71 ζ	Truncated cone hat	
Roughness coefficient	Designation 1 - 2	1mm	Declared	
Heat resistance		0.35	W/m²K at 200°C   Average declared value for Ø80 + 600	
		1.45	W/m²K at 200°C   Average declared value for Ø80 + 600	
Thermal shock resistance	Designation 1 - 2	1.15	W/m²K at 200°C   Average declared value for Ø80 + 600	
		Designation 1	<b>O-T200</b>	With gasket
Flexural strength	Designation 1 - 2	Designation 2	<b>G-T600</b>	Without gasket
		Designation 1 - 2	Pass	
Vapour and/or condensation durability	Designation 1	<b>W</b>		EN 1856-1: 2009
Corrosion durability	Designation 1 - 2	Designation 2	<b>D</b>	
		Designation 1 - 2	<b>V2</b>	
Freeze/thaw resistance	Designation 1 - 2	Pass		

The performance of the above product complies with the declared performance.

This declaration of performance is issued in accordance with Regulation (EU) 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Signature

QHSE Manager  
 Emanuele Grampa  
 Place and date of first issue:  
 Gorla Minore, 01/09/2016



**M&G Group Italy S.p.A. with Sole Shareholder**

Via Fratelli Kennedy, 1 • 21055 Goda Minore (VA) • Italy • T: +39 0331 366 193 • F: +39 0331 366 021 • E: info@stabile.it

Tax code and VAT no.: 00774000129 • E&A Index no. 144406 of Chamber of C. of C. Varese • Italian Business Register of Varese no. 28682 • Court of Busto Arsizio • Share Cap. € 250,000 fully paid up.

## 17 D.o.P. - 01.07.2013 | CE Marking

in accordance with EN 1856-1: 2009

Identifying logo



<b>M&amp;G Group Italy S.p.A.</b>	Via Fratelli Kennedy, 1 - 21055 Gorla Minore (VA)		
Tel.:	++39 0331.366.193		
Fax:	++39 0331.366.021		
@	<a href="mailto:info@stabile.it">info@stabile.it</a>		
Production site:	TC/2008/115		
Dop:	17-D.o.P. - 01.07.2018		
Identification code:	Double-wall metal chimney, flue liner and connecting flue pipe in steel 1,4404 (AISI 316L) thickness 0.5 - 0.6 - 0.8 - 1 mm and external wall in stainless steel.		
Name:	<b>STABILEPD</b>		
Standard:	<b>EN 1856-1: 2009</b>		
	Chimneys		
	Requirements for metal chimneys - Part 1 : System chimney products		
Certificate of conformity No.:	0407 - CPR - 180 ( IG - 002 - 2008)		
Diameter range:	Ø80 - Ø900		
Notified Body Code:	<b>0407</b> - Istituto Giordano S.p.A.		
Use:	Chimney system, flue liner and connecting flue pipe to convey the combustion gases from the appliance to the outside atmosphere.		
EN 1856-1: 2009	Designation 1:	<b>T200 - P1 - W - V2 - L50050 - O(50)</b>	Rigid double-wall chimney   With gasket
	Designation 2:	<b>T600 - N1 - D - V2 - L50050 - G(70)</b>	Rigid double-wall chimney   With gasket
Note 1:	The chimney system is equipped with the wooden floor and roof crossing element, insulated with 50mm of biofuel fiber for high temperature.		
Note 2:	For the <b>STABILEPD</b> line, the following designations also apply: L50060, L50080, L50100.		
Clearance to combustible materials:	In the case of chimney systems, the clearances to combustible materials indicated in the previous table apply up to internal diameters of 300 mm. For chimney systems with internal diameter greater than 300 mm, the following corrective coefficients apply: - for internal diameters between 304 and 450 mm inclusive, multiply the clearance by 1.5; - for diameters between 401 and 600 mm inclusive, multiply by 2; - for internal diameters greater than 600 mm multiply the clearance by 4.		
D.o.P. archive website:	<a href="https://www.stabile.it/dop/">https://www.stabile.it/dop/</a>		

Essential characteristics		Performance	
Compressive strength	Designation 1 - 2	Pass	
Reaction to fire	Designation 1	<b>O</b>	50 mm - Chimney system
	Designation 2	<b>G</b>	70 mm - Chimney system
Gas tightness class	Designation 1	<b>P1</b>	200 Pa
	Designation 2	<b>N1</b>	40 Pa
Flow resistance	Designation 1 - 2	1.19 ζ	Weatherproof cowl
		1.48 ζ	Rainhat
		1.71 ζ	Truncated cone hat
Roughness coefficient	Designation 1 - 2	1mm	Declared
Heat resistance	Designation 1 - 2	0.35	W/m²K at 200°C   Average declared value for Ø80 + 600
		1.45	W/m²K at 200°C   Average declared value for Ø80 + 600
		1.15	W/m²K at 200°C   Average declared value for Ø80 + 600
Thermal shock resistance	Designation 1	<b>O-T200</b>	With gasket
	Designation 2	<b>G-T600</b>	Without gasket
Flexural strength	Designation 1 - 2	Pass	
Vapour and/or condensation durability	Designation 1	<b>W</b>	
	Designation 2	<b>D</b>	
Corrosion durability	Designation 1 - 2	<b>V2</b>	<b>L50</b> - 1,4404 - AISI 316L
Freeze/thaw resistance		Pass	

Signed for and on behalf of the manufacturer by:  
 QHSE Manager  
 Emanuele Grampa

Place and date of first issue:  
 Gorla Minore, 01/09/2016

Signature



M&G Group Italy S.p.A. with Sole Shareholder

Via Fratelli Kennedy, 1 • 21055 Goda Minore (VA) • Italy • T: +39 0331 366 193 • F: +39 0331 366 021 • E: info@stabile.it

Tax code and VAT no.: 00774000129 • E&A Index no. 144406 of Chamber of C. of C. Varese • Italian Business Register of Varese no. 28682 • Court of Busto Arsizio • Share Cap. € 250,000 fully paid up.