

## DECLARATION OF PERFORMANCE

N° 001-MG-RVS DoP

1. Unique identification code of the product-type:

### M&G System Chimneys with Stainless Steel flue liner

EN 1856-1: 2009

#### *Stainless Steel sections, fittings, and terminals*

<b>0.1</b>	(Dn 80-130)	(rigid, single)	(flue)	<b>T250</b>	<b>P1</b>	<b>W</b>	<b>V2</b>	<b>L50040</b>	<b>O50</b>
<b>0.2</b>	(Dn 80/125-100/150)	(rigid, conc.)	(flue/air)	<b>T250</b>	<b>P1</b>	<b>W</b>	<b>V2</b>	<b>L50040</b>	<b>O00</b>
<b>0.2a</b>	(Dn 80/125-100/150, IA)	(rigid, conc.)	(flue/air)	<b>T200</b>	<b>P1</b>	<b>W</b>	<b>V2</b>	<b>L50040</b>	<b>O00</b>
<b>0.4</b>	(Dn 100/150-130/200)	(rigid, conc.)	(flue/air)	<b>T600</b>	<b>N1</b>	<b>D</b>	<b>Vm</b>	<b>L20040</b>	<b>O50</b>
<b>0.5</b>	(Dn 100/150)	(rigid, conc.)	(flue/air ins.)	<b>T450</b>	<b>N1</b>	<b>D</b>	<b>Vm</b>	<b>L20050</b>	<b>O00</b>
<b>T.1</b>	(Terminal PP Dn 80/125-100/150)	(roof, wall)	(flue/air)	<b>T120</b>	<b>P1</b>	<b>W</b>	<b>V2</b>	<b>L50040</b>	<b>O00</b>
<b>A.1</b>	(Dn 80/125)	(rigid, conc.)	(flue/air)	<b>T250</b>	<b>P1</b>	<b>W</b>	<b>V2</b>	<b>L50040</b>	<b>O00</b>

*Plus manufacturer's batch or date code: see product marking*

2. Intended use/es:

Products for the construction of single wall, multi-wall or concentric system chimneys to convey the products of combustion from heating appliances to the outside atmosphere. Systems 0.2, 0.2a, 0.4, 0.5, T.1 and A.1 are also suitable to supply combustion air from the outside.

3. Manufacturer:

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4. Authorized representative:

**Not applicable.**

5. System/s AVCP:

**System 2+.**

6. Harmonized standard:

The approved body with No. 0120 performed the initial inspection of the manufacturing plant and of 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.

## 7. Declared performance

	Essential Characteristics	Performance	Harmonized technical specification
1	<b>Compressive strength</b>		EN 1856-1:2009
	System 0.1, 0.2 and 0.4	Maximum height 24 m when using a support bend, unlimited if wall brackets are used every 2 m.	
	System 0.2a	Maximum height 10 m.	
	System 0.5	Unlimited, when bracketed every 2 m, and support bracket every 16 m.	
	System T.1	Not applicable.	
System A.1	Max. 2 m.		
2	<b>Resistance to fire (tested fully enclosed with ventilated gap if applicable)</b>		
	System 0.1	T250 O50	
	System 0.2 and A.1	T250 O00	
	System 0.2a	T200 O00	
	System 0.4	T600 O50	
	System 0.5	T450 O00, tested without shaft.	
System T.1	T120 O00		
3	<b>Gas tightness</b>		
	System 0.1, 0.2, 0.2a, T.1 and A.1	P1	
	System 0.4 and 0.5	N1	
4	<b>Flow resistance</b>	Flow resistances acc. to EN 13384-1.	
5	<b>Thermal resistance</b>		
	System 0.1, 0.2, 0.2a, 0.4, T.1 and A.1	0.00 m <sup>2</sup> K/W	
	System 0.5	0.36 m <sup>2</sup> K/W, only for outer wall	
6	<b>Thermal shock resistance</b>	No	
7	<b>Flexural tensile strength</b>		
	Non-vertical installation		
	System 0.1, 0.2, 0.2a, 0.4 and 0.5	The maximum deflection is 87°. The maximum length of the horizontal part is not limited. One wall bracket should be used per chimney section.	
	System T.1	For vertical (roof) terminals: not applicable, for horizontal (wall) terminals: see instructions.	
	System A.1	Not applicable, only for vertical use.	
	Wind load for external installation		
	System 0.1 and 0.4	Not applicable, only for inside installation.	
	System 0.2, 0.5 and T.1	Unlimited, when bracketed every 2 m, and support bracket every 16 m, see instructions. Free height above last bracket 1,5 m	
	System 0.2a	Unlimited, when bracketed every 2 m, see instructions. Free height above last bracket 1 m	
	System A.1	Only in combination with corresponding metal outer wall. Maximum height 2 m, use guy-wires for lengths above 1 m.	
8	<b>Resistance against condensation, water vapor diffusion and condensate penetration</b>		
	System 0.1, 0.2, 0.2a, T.1 and A.1	Yes	
	System 0.4 and 0.5	No	
9	<b>Durability against corrosion</b>		
	System 0.1, 0.2, 0.2a, T.1 and A.1	V2	
	System 0.4 and 0.5	Vm	
10	<b>Durability against rainwater</b>		
	System 0.2, 0.5, T.1 and A.1	Yes, system 0.2 only with additional sealant, see instructions. System A.1 only in combination with corresponding metal outer wall.	
	System 0.1, 0.2a and 0.4	No, only indoor application.	
11	<b>Freeze-thaw resistance</b>	Yes	
12	<b>Dangerous substances</b>	Does not contain dangerous substances	Relevant national regulations

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 as it has effect in the United Kingdom, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Marc Ligthart | COO M&G Group



Assen (NL), 1 January 2023