



M&G Group®

UK  
CA

## DECLARATION OF PERFORMANCE

No. 001-MG-PP DoP

1. Unique identification code of the product-type:

### M&G System Chimneys with plastic flue liner

EN 14471: 2013 + A1: 2015

#### PP sections, fittings, and terminals

<b>0.1</b>	(Dn 60-150)	(rigid, single)	(flue)	<b>T120</b>	<b>H1</b>	<b>W 2</b>	<b>O30</b>	<b>LI</b>	<b>E</b>	<b>U</b>
<b>0.2</b>	(Dn 60-100)	(rigid, single)	(flue)	<b>T120</b>	<b>H1</b>	<b>W 2</b>	<b>O30</b>	<b>LE</b>	<b>E</b>	<b>U</b>
<b>0.2a</b>	(Dn 80; Safe PP)	(rigid, single)	(flue)	<b>T120</b>	<b>H1</b>	<b>W 2</b>	<b>O30</b>	<b>LI</b>	<b>E</b>	<b>U</b>
<b>0.3</b>	(Dn 60/100-150/220)	(rigid, conc.)	(flue/air)	<b>T120</b>	<b>H1</b>	<b>W 2</b>	<b>O00</b>	<b>LI/LE</b>	<b>E</b>	<b>U0</b>
<b>0.3a</b>	(Dn 80/125-100/150)	(rigid, conc.)	(flue/air)	<b>T120</b>	<b>P1</b>	<b>W 2</b>	<b>O00</b>	<b>LE</b>	<b>E</b>	<b>U0</b>
<b>0.4</b>	(Dn 60-130)	(flex, double)	(flue)	<b>T120</b>	<b>H1</b>	<b>W 2</b>	<b>O30</b>	<b>LI</b>	<b>E</b>	<b>U</b>
<b>0.5</b>	(Dn 100/180-130/250)	(flex/rigid, conc.)	(flue/air)	<b>T120</b>	<b>H1</b>	<b>W 2</b>	<b>O00</b>	<b>LI</b>	<b>E</b>	<b>U0</b>
<b>0.6</b>	(Dn 60/100-80/125)	(flex, conc.)	(flue/air)	<b>T120</b>	<b>H1</b>	<b>W 2</b>	<b>O00</b>	<b>LI</b>	<b>E</b>	<b>U1</b>
<b>0.8</b>	(Dn 200)	(rigid, single)	(flue)	<b>T120</b>	<b>P1</b>	<b>W 2</b>	<b>O30</b>	<b>LI</b>	<b>E</b>	<b>U</b>
<b>0.9</b>	(Dn 60/100; EasySafe)	(rigid, conc.)	(flue/air)	<b>T120</b>	<b>H1</b>	<b>W 2</b>	<b>O00</b>	<b>LI</b>	<b>E</b>	<b>U1</b>
<b>A.1</b>	(Dn 60/100-100/150)	(rigid, conc.)	(flue/air)	<b>T120</b>	<b>H1</b>	<b>W 2</b>	<b>O00</b>	<b>LI/LE</b>	<b>E</b>	<b>U0</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 0.3, 0.3a, 0.5, 0.6, 0.9 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. Name and identification number of approved body:

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	Technical specification
1	<b>Compressive strength</b>		EN 14471: 2013 + A1: 2015
	Systems 0.1, 0.2, 0.2a, 0.3, 0.3a and 0.9	Max. height 50 m.	
	Systems 0.4 and 0.6	Max. height 18 m.	
	System 0.5	Max bracket distance: 3.5 m. Max free length flex pipe and max. distance between wall supports: 12m.	
	System 0.8	Max. height 30 m, or 50 m when bracketed every 2 m.	
	System A.1	Max. height 2m	
2	<b>Resistance to fire (tested fully enclosed with ventilated gap if applicable)</b>		
	Systems 0.1, 0.2, 0.2a, 0.4 and 0.8	T120 O30	
	Systems 0.3, 0.3a, 0.5, 0.6, 0.9 and A.1	T120 O00	
3	<b>Gas tightness</b>		
	Systems 0.1, 0.2, 0.2a, 0.3, 0.4, 0.5, 0.6, 0.9 and A.1	H1	
	Systems 0.3a and 0.8	P1	
4	<b>Flow resistance</b>	Flow resistances acc. to EN 13384-1, see datasheet.	
5	<b>Thermal resistance</b>	0.00 m <sup>2</sup> K/W	
6	<b>Thermal shock resistance</b>	No (O)	
7	<b>Flexural tensile strength</b>		
	Non-vertical installation		
	Systems 0.1, 0.2, 0.2a, 0.3, 0.3a, 0.8 and 0.9	The maximum length of the horizontal part is not limited when bracketed every section. Maximum deflection 87°.	
	Systems 0.4 and 0.6	Shaft application, maximum deflection 60°.	
	Systems 0.5 and A.1	Not applicable, only for vertical use.	
	Wind load for external installation		
	Systems 0.2, 0.3 and 0.3a	Wall brackets should be used per chimney section. The height above the last bracket 1,5 m.	
	Systems 0.1, 0.2a, 0.4, 0.5, 0.6, 0.8 and 0.9	Not applicable, only for inside installation.	
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>		
	All systems	Yes (W)	
9	<b>Durability against corrosion</b>		
	All systems	Class 2	
10	<b>Durability against rainwater</b>		
	Systems 0.2, 0.3, 0.3a and A.1	Yes, system 0.3 only with extra sealant, see instructions. System A.1 only with corresponding metal outer wall.	
	Systems 0.1, 0.2a, 0.4, 0.5, 0.6, 0.8 and 0.9	No, only for inside installation or shaft	
11	<b>Durability against UV</b>		
	System 0.2	Yes (LE)	
	Systems 0.3, 0.3a and A.1	Yes (LE), metal outer wall	
	Systems 0.1, 0.2a, 0.4, 0.5, 0.6, 0.8 and 0.9	No (LI), only for inside installation.	
12	<b>Freeze-thaw resistance</b>	Yes	
13	<b>Reaction to fire flue gas liner</b>	Class E	EN 13501-1:2007+A1:2009
14	<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

*Marc Ligthart*

Assen (NL), 1 January 2023