



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

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

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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9405 TN Assen | The Netherlands
E: info@mg-group.com

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	Compressive strength		EN 14471: 2013 + A1: 2015
	Systems 0.1, 0.2, 0.2a, 0.3, 0.3a and 0.9	Maximum height 50 m.	
	Systems 0.4	Maximum height Dn 60-100 is 24 m. Maximum height Dn 130 is 15 m when installed with additional brackets at the top and bottom of the duct, without brackets maximum height is 3 m.	
	System 0.5	Maximum bracket distance: 3.5 m. Maximum free length flex pipe and max. distance between wall supports: 12m.	
	System 0.6	Maximum height 15 m.	
	System 0.8	Maximum height 30 m, or 50 m when bracketed every 2 m.	
	System A.1	Maximum height 2m	
2	Resistance to fire (tested fully enclosed with ventilated gap if applicable)		
	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	Gas tightness		
	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	Flow resistance	Flow resistances acc. to EN 13384-1, see datasheet.	
5	Thermal resistance	0.00 m ² K/W	
6	Thermal shock resistance	No (O)	
7	Flexural tensile strength		
	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	Resistance against condensation, water vapor diffusion and condensate penetration		
	All systems	Yes (W)	
9	Durability against corrosion		
	All systems	Class 2	
10	Durability against rainwater		
	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	Durability against UV		
	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	Freeze-thaw resistance	Yes	
13	Reaction to fire flue gas liner	Class E	EN 13501-1:2007+A1:2009
14	Dangerous substances	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:

Gezienus Hoving | Plant Director



Assen (NL), 1 May 2024