



M&G Group®



DECLARATION OF PERFORMANCE

No. 001 - MG - PP DoP

1. Unique identification code of the product-type:

M&G Chimney system with plastic flue liner

EN 14471: 2013 + A1: 2015

PP straight elements, fittings and terminals

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

For date or production batch number: see product marking

2. Intended use:

Products for construction of single-wall, multi-wall chimneys or concentric chimney systems to convey combustion products from the heating appliance to the outside atmosphere. Systems 0.3, 0.3a, 0.5, 0.6, 0.9 and A.1 are also suitable for the intake of combustion air from outside.

3. Manufacturer:

MUELINK & GROU B.V. P.O. Box 509

9700 AM Groningen, the Netherlands

E: info@mg-flues.com

Burgerhout B.V P.O. Box 77

9400 AB Assen, the Netherlands

E: info@burgerhout.nl

4. Authorised representative: Not applicable.

5. AVCP system/s: System 2+.

6. Harmonised standard:

The notified body No. 0476 carried out the initial inspection of the production and factory production control system, as well as the continuous monitoring, assessment and analysis of the control system itself, and issued the certificate of conformity for the factory production control system.

7. Declared performance/s

	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 and 0.6	Maximum height 18 m.	
	Systems 0.5	Maximum spacing between brackets: 3.5 m. Maximum length of flexible hose and maximum spacing between wall supports: 12 mt.	
	System 0.8	Maximum height 30 mt., or 50 mt. with brackets every 2 mt.	
	System A.1	Maximum height 2 mt.	
2	Fire resistance (Tested with open cavity 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 class		
	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	In accordance with 13384-1	
5	Heat resistance	0.00 m ² K/W	
6	Thermal shock resistance	No (O)	
7	Flexural strength		
	Horizontal 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 unlimited when every element is bracketed. Maximum inclination 87°.	
	Systems 0.4 and 0.6	Shaft installation, maximum inclination 60°.	
	Systems 0.5 and A.1	Not applicable, vertical installation only.	
	Wind action for outdoor installation		
	Systems 0.2, 0.3 and 0.3a	The wall brackets must be used for each element. The maximum height above the last bracket is 1.5 mt.	
Systems 0.1, 0.2a, 0.4, 0.5, 0.6, 0.8 and 0.9	Not applicable, for indoor installation only.		
System A.1	Only in combination with the corresponding external wall in metal. Max height 2 mt., use guy-wires above 1 mt. .		
8	Resistance to condensation, aqueous vapour diffusion and condensation penetration.		
	All systems	Yes (W)	
9	Resistance to corrosion		
	All systems	Class 2	
10	Rainwater resistance		
	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 external wall in metal.	
	Systems 0.1, 0.2a, 0.4, 0.5, 0.6, 0.8 and 0.9	No, only for indoor installation or ducting.	
11	UV resistance		
	Systems 0.2	Yes (LE)	
	Systems 0.3, 0.3a and A.1	Yes (LE), metal external wall.	
	Systems 0.1, 0.2a, 0.4, 0.5, 0.6, 0.8 and 0.9	No (LI), only indoor installation.	
12	Freeze/thaw resistance	Yes	
13	Class of reaction to fire	Class E	EN 13501-1:2007+A1:2009
14	Dangerous substances	Does not contain hazardous substances.	According to national legislation.

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:

Gezienus Hoving | Manufacturing Manager M&G Group Europe

Groningen (NL), 1 February 2020

