



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

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

PP sections, fittings, and terminals

0.1	(Dn 60-150)	(rigid, single)	(flue)	T120	H1	W 1/2	O(30)	I	E	L
0.2	(Dn 60-150)	(rigid, single)	(flue)	T120	H1	W 1/2	O(30)	E	E	L
0.3	(Dn 60/100-150/220)	(rigid, conc.)	(flue/air)	T120	H1	W 1/2	O(00)	E	E	L0
0.4	(Dn 60-130)	(flex, double)	(flue)	T120	H1	W 1/2	O(30)	I	E	L
0.6	(Dn 60-80)	(flex, conc.)	(flue/air)	T120	H1	W 1/2	O(00)	I	E	L1
0.8	(Dn 200)	(rigid, single)	(flue)	T120	P1	W 1/2	O(30)	I	E	L

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

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

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, convey air for combustion where required.

See under 2 for additional information about the intended use.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

MUELINK & GROU B.V.
P.O. Box 509
9700 AM Groningen, the Netherlands
E: info-nl@mg-flues.com

Burgerhout B.V
P.O. Box 77
9400 AB Assen, the Netherlands
E: info@burgerhout.nl

Notified body No: 0432

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5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 2+ for sections and fittings, System 4 for terminals

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Notified factory production control certification body No. 0432 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.



8. Declared performance

	Essential Characteristics	Performance	Technical specification
1	Compressive strength	.System 0.1, 0.2, 0.3, 0.4 and 0.6: max. height: 50 m. System 0.8: :max. height 30 m Or with wall brackets at every connection the vertical length for all systems is 50 m.	EN 14471:2013
2	Resistance to fire, (tested fully enclosed with ventilated gap)		
	System 0.1, 0.2, 0.4 and 0.8	O(30) 3 cm	
	System 0.3 and 0.6	O(00)0 cm	
3	Gas tightness		
	System 0.1, 0.2, 0.3, 0.4 and 0.6	H1	
	System 0.8	P1, with increased test pressure of 1000 Pa;	
4	Flow resistance:	Flow resistances acc. to EN 13384-1, see data sheets (available on request)	
5	Thermal resistance	The thermal resistance is 0.00 m ² K/W.	
6	Thermal shock resistance	No	
7	Flexural tensile strength		
	The maximum length of the horizontal part is not limited. Use one bracket per chimney section.		
	Non-vertical installation		
	System 0.1, 0.2, 0.3 and 0.8	The maximum deflection is 87°.	
	System 0.4 and 0.6	The maximum deflection is 60°.	
9	Components subject to wind load	Wall brackets should be used per chimney section. The height above the last bracket: 2 m.	
10	Condensation resistance	Yes	
11	Durability against temperature and chemicals	Temperature class: T(120), condensate resistance class: 2	
	Durability against moisture and condensate	Condensate class: W	
	Durability against rainwater penetration resistance for insulated chimneys for external installation	Not applicable, systems have no insulation	
	Durability against UV	Only systems 0.2 and 0.3.	
	Reaction to fire Class	Class E	
	Freeze-thaw resistance	Yes	
	Dangerous substances	Does not contain dangerous substances	
			Relevant national regulations

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Hendrikus Dijkstra | Manufacturing Manager M&G Group Europe

Groningen, 17 Februari 2015