



"Flue and Chimney Systems"

Units 5&6 Enterprise Centre,
Summerhill, Co.Meath.

Tel: +353 (0) 46 955 8030

Fax: +353 (0) 46 955 8034

Email: sales@miflues.ie

Web: www.miflues.ie

March 2nd 2020

Rev. 3 Current

DECLARATION OF PERFORMANCE
Certificate of Factory Production Control: GB13/88860.01

Unique Identification of the Product: System 2 Product Range

With the following Designations:

EN1856-1 T450 N1 D Vm L50040 G60 (I.D. 80- 200mm)

EN1856-1 T450 N1 D Vm L50050 G60 (I.D. 250-600mm)

EN1856-2 T450 N1 D Vm L50040 G60 (I.D. 80- 200mm)

EN1856-2 T450 N1 D Vm L50050 G60 (I.D. 250- 600mm)

Intended Use of the Products within the product family:

Twin Wall Insulated Stainless Steel Chimney System for use on solid fuel, gas and oil applications.

Produced by Mi-Flues at the following location:

Mi-Flues

Units 5&6 Enterprise Centre

Summerhill

Co.Meath

Ireland

Tel: +353 46 955830 Fax: +353 46 9558034

Email: sales@miflues.ie Website: www.miflues.ie

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

System 2+

In the case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN1856-1:2009 Chimneys-Requirements for metal chimneys-Part 1: System Chimney Products

SGS, Identification No.CE0120, 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.

Directors: Ann-Marie McCooey, Vincent Kavanagh,
John O'Mara, Ciara McCooey, Siobhan O'Reilly,
Paddy McMahon.

VAT No. 9573168R

Company No. 422838



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System 2 Declared Performance		
Essential Characteristics	Performance	Harmonised Technical Specification
Compressive Strength	PASS	EN 1856-1:2009 + EN 1856-2:2009
Tensile Strength	PASS	
Lateral Strength	PASS	
Resistance To Fire (Internal to External)	PASS G (60)	
Resistance To Fire (External to External)	PASS EL030	
Thermal Shock Test	PASS	
Thermal Performance Test at normal operating conditions	PASS	
Gas Tightness	PASS 0.0755l/s/m ²	
Thermal Resistance	PASS 747.6m ² K/kW	
Water Vapour Diffusion Resistance	PASS	
Rainwater Penetration Resistance	PASS 1856-1 only	
Flow Resistance	PASS 0.001	
Durability Of Liner Against Corrosion	PASS	
Freeze Thaw Resistance	NA	

System 2 has a 4 Hour Fire rating (Integrity)

This Declaration of Performance is issued under the sole responsibility of:

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Signed for and on behalf of the manufacturer by:

John O Mara

John O'Mara

Date: 2-03-2020

Directors: Ann-Marie McCooey, Vincent Kavanagh,
John O'Mara, Ciara McCooey, Siobhan O'Reilly,
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