

# Kitemark™ Certificate

This is to certify that:

Garner Aluminium Extrusions Ltd  
T/A Garnalex and Sheerline  
Firs Works, Heage Firs  
Nether Heage  
Belper  
DE56 2JJ  
United Kingdom

Holds Certificate Number:

KM 721083

In respect of:

**BS 4873/PAS 24**  
**Enhanced Security Aluminium Window System Supplier**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.



For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2021-05-20

Latest Issue: 2025-01-08

Effective Date: 2025-01-08

Expiry Date: 2027-10-06

Page: 1 of 5



# Kitemark™ Certificate

No. KM 721083

## **BS 4873:2016/ PAS 24:2022 - Enhanced security performance requirements for windows in the UK.**

This Certificate covers the following window system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirement can be incorporated within the system detailed.

### **Sheerline Classic Aluminium Alloy Window System**

**Fabrication and Installation:** Fabricated and installed in accordance with the latest issue(s) of the following Garner Aluminium Extrusions Limited controlled manual(s):

Sheerline Classic Manufacturing Guide

**System description:** The windows are double glazed, either internally or externally beaded, with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series where required, with multipoint locking and cleated construction. The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

**Window Types:** Casement windows  
Multilight windows comprising opening light(s) and/or fixed light(s)

**Approved Hardware:** Securistyle Defender Plus Hinges,  
SM104 Hinge Protectors  
Kenrick Nemesis or Yale Mustang locking  
SH100 Classic Mushroom or Yale Mustang Keeps

### **Classification for Operational Strength in accordance with BS 6375**

Operating Forces	Class 1
Resistance to Static torsion	Class 3
Racking	Class 3
Load Bearing	Pass
Impact Resistance	Class 0
Repeated opening and closing	Class 2
Basic Security	Pass

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Page: 2 of 5

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 721083

## Size Limitations and Performance Characteristics

### Sheerline Classic Aluminium Alloy Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area(m <sup>2</sup> ) - Maximum	Friction Stays (up to and including mm)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs	1300	1225	1.59	400	-	2	7A	CE2400	2000+
Projecting side hungs	710	1450	1.03	400	-	4	E750	CE2400	2000+
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights consisting opener next to opener	1470	1470	2.03	-	1380	2	7A	CE2400	2000+

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Page: 3 of 5

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No. KM 721083

## **BS 4873:2016/ PAS 24:2022 - Enhanced security performance requirements for windows in the UK.**

This Certificate covers the following window system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirement can be incorporated within the system detailed.

### **Sheerline Prestige Aluminium Alloy Window System**

**Fabrication and Installation:** Fabricated and installed in accordance with the latest issue(s) of the following Garner Aluminium Extrusions Limited controlled manual(s):

Sheerline Prestige Manufacturing Guide

**System description:** The windows are double glazed either internally or externally beaded, with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series where required, with multipoint locking and cleated construction. The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

**Window Types:** Casement windows  
Tilt/Turn  
Fixed Light  
Multilight windows comprising opening light(s) and/or fixed light(s)

**Approved Hardware:** Casement Lock - Yale twin cam  
Hinges - Yale 17mm Stack with SM116 hinge protectors  
Tilt/Turn greenteQ AGB 5QAG range with greenteQ keeps

### **Classification for Operational Strength in accordance with BS 6375**

Operating Forces	Class 1
Resistance to Static torsion	Class 3
Racking	Class 3
Load Bearing	Pass
Impact Resistance	Class 0
Repeated opening and closing	Class 2 Class 2/1 on Tilt/Turn windows
Basic Security	Pass

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Page: 4 of 5

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# Kitemark™ Certificate

No. KM 721083

## Size Limitations and Performance Characteristics

### Sheerline Prestige Aluminium Alloy Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area(m <sup>2</sup> ) - Maximum	Friction Stays (up to and including mm)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs	1430	1260	1.8	600	-	3	8A	4C	1600
Projecting side hungs	710	1450	1.02	400	-	4	9A	CE2400	2000+
Tilt/Turns	1430	1430	2.04	-	-	4	7A	CE2400	2000+
Overall dimensions for approved outer frames & transom/mullion profiles:									
Fixed Light	740	2070	1.53	-	-	4	7A	3A	1200
Multilight consisting fixed light	1470	1470	2.03	-	1280	4	7A	3A	1200
Multilight consisting top hung	1470	1470	2.03	-	1280	3	8A	4C	1600
Multilight side hung next to side hung	1470	1470	2.03	-	1280	4	9A	CE2400	2000+

BS 4873:2016 has been issued by BSI under a flexible accreditation scope

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