

Kitemark™ Certificate

This is to certify that:

AWS Turner Fain Limited
Roman Acre House
West Bank
Berry Hill Industrial Estate
Droitwich
WR9 9AE
United Kingdom

Holds Certificate Number:

KM 508981

In respect of:

BS 4873 - Fabricator
Aluminium alloy windows

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: 2006-09-26

Latest Issue: 2025-05-15

Effective Date: 2025-06-24

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Kitemark™ Certificate

No. KM 508981

BS 4873 : 2016 Aluminium alloy windows and doorsets.

This Certificate covers the fabrication of windows to the following system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

System(s): **Glissade Range Aluminium Alloy Window System**

Fabrication and Installation: Fabricated and installed in accordance with the latest issue(s) of the following
A W S Turner Fain controlled manual(s):

Glissade Range Window Technical/Fabrication Manual

System description: The windows are thermally broken, double glazed only, internally or externally beaded, have multipoint locking only and mechanically fixed transoms/mullions

Ventilation: None

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

Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

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Kitemark™ Certificate

No. KM 508981

Size Limitations and Performance Characteristics Glissade Range Aluminium Alloy Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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* Standard vent	900	900	-	-	4	E1050	-	2000*
Projecting side hungs* Standard vent	600	1200	-	-	4	E1050	-	2000*
Tilt/Turns	1155	1135	-	-	4	6A	E2000	E2000
Overall dimensions for windows with approved outer frame profiles:								
Fixeds	1200	1200	4800	-	4	6A	E2000	E2000
Overall dimensions for windows with approved outer frame & transom/mullion profiles:								
Multilights, GL 104 T/M reinforcement	1200	1200	4800	1200	4	E1050	-	2000*
Multilights, T/T reinforced	2400	1200	7200	1200	4	6A	E2000	E2000

* as given in Table 1 of BS 6375-1:1989

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

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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.
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Kitemark™ Certificate

No. KM 508981

BS 4873 : 2016 Aluminium alloy windows and doorsets.

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Reynaers Limited. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

System(s): Concept Series CS77 Aluminium Alloy Window System

Fabrication and Installation: Fabricated and installed in accordance with the latest issue of the following Raynaers Limited manual(s):

Reynaers Limited Product Manual

System description: The windows are thermally broken, double glazed only, internally or externally beaded, have multipoint locking only and mechanically fixed transoms/mullions

Window Types: Side Hung windows

Tilt/Turn windows

Fixed windows

Multilight windows comprising opening and/or fixed light(s)

Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

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Size Limitations and Performance Characteristics

Concept Series CS68 / CS77/ CS86 Aluminium Alloy Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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 side hungs	1232	1732	-	-	-3	9A-	C5	2000
Tilt/Turns	1212	2212	-	-	4	9A	2400	2400
Overall dimensions for windows with approved outer frame profiles:								
Fixeds	3000	3000	1200	1590	-3	9A	C5	1600
Overall dimensions for windows with approved outer frame & transom/mullion profiles:								
Multilights, T/M reinforcement	3000	1732	-	1590	-3	9A	C5	1600

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System(s): SL38 Aluminium Alloy Window System

Fabrication and Installation: Fabricated and installed in accordance with the latest issue of the following Raynaers Limited manual(s):

Reynaers Limited Product Manual

System description: The windows are thermally broken, double glazed only, internally or externally beaded, have multipoint locking only and mechanically fixed transoms/mullions

Window Types: Tilt/Turn windows

Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

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Size Limitations and Performance Characteristics SL38 Aluminium Alloy Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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:								
Tilt/Turns	1339	2839	-	-	-4	-E900	C4	1200

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System(s): SL68 Aluminium Alloy Window System

Fabrication and Installation: Fabricated and installed in accordance with the latest issue of the following Raynaers Limited manual(s):

Reynaers Limited Product Manual

System description: The windows are thermally broken, double glazed only, internally or externally beaded, have multipoint locking only and mechanically fixed transoms/mullions

Window Types: Top Hung windows

Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

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Size Limitations and Performance Characteristics SL68 Aluminium Alloy Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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	1230	1720	-	-	4	E1050	C5	2000

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SPW600/ SPW600e Aluminium Alloy Window System

Fabrication and Installation:	Fabricated and installed in accordance with the latest issue(s) of the following Senior Architectural Limited controlled manual(s): SPW600/ SPW600e. Fabrication manual
System description:	The windows are double glazed, internally or externally* beaded, multipoint locking, with mechanically jointed transoms/mullions, tee and/or cruciform joints
Window Types:	Casement windows Tilt/turn windows Fixed windows

Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

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Size Limitations and Performance Characteristics

SPW600e Aluminium Alloy Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area(m ²) - Maximum	Friction Stays (up to and including)	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 Reinforced	144	1144	-	24	-	2	7A	2400	2000+
Projecting side hungs Reinforced	1054	1554	16	16"		4	9A	CE2400	2000+
Tilt/turns Reinforced	1505	1505	-	-	-	4	9A	CE2400	2400

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PURE Casement Aluminium Alloy Window System

Fabrication and Installation:	Fabricated and installed in accordance with the latest issue(s) of the following Senior Architectural Limited controlled manual(s): PURE Casement
System description:	The windows are double glazed, internally or externally* beaded, multipoint locking, with mechanically jointed transoms/mullions, tee and/or cruciform joints
Window Types:	Casement windows Tilt/turn windows Fixed windows

Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

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Size Limitations and Performance Characteristics

Pure Casement Aluminium Alloy Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area(m ²) - Maximum	Friction Stays (up to and including)	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 Reinforced	1442	1442	-	12"	-	3	9A	AE2400	2400
Projecting side hungs Reinforced	1058	1558		16"	-	4	9A	AE2400	2400

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AliVU Casement Aluminium Alloy Window System

Fabrication and Installation:	Fabricated and installed in accordance with the latest issue(s) of the following Senior Architectural Limited. controlled manual(s): AliVU Casement
System description:	The windows are double glazed, internally or externally* beaded, multipoint locking, with mechanically jointed transoms/mullions, tee and/or cruciform joints
Window Types:	Casement windows Fixed windows Multilight windows comprising opening light(s) and/or fixed light(s)

Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

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Size Limitations and Performance Characteristics

AliVU Casement Aluminium Alloy Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area(m ²) - Maximum	Friction Stays (up to and including)	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 6375-1:2009 (except *)
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs Reinforced	1570	1570	-	12"	-	3	9A	C4	1600
Projecting side hungs Reinforced	950	1570	-	16"	-	3	9A	C4	1600
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Reinforced	1500	1500	0.00	-	-	3	9A	C4	1600
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights	3000	1600	0.00		1569	3	9A	C4	1600

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