

Kitemark™ Certificate

This is to certify that:

FrameXpress Limited
Unit E4
Tweedale Industrial Estate
Madeley
Telford
TF7 4JR
United Kingdom

Holds Certificate Number:

KM 824696

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: 2025-07-09

Latest Issue: 2025-07-09

Effective Date: 2025-07-09

Expiry Date: 2028-07-08



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Kitemark™ Certificate

No. KM 824696
BS 4873 : 2016 Aluminium alloy windows and doorsets.

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Smart Systems under Certificate Number KM 81543.

Alitherm 400 System Aluminium Alloy Window system

Fabrication and Installation:	Fabricated and installed in accordance with the latest issue(s) of the following Smart Systems Limited controlled manual(s): Smart Systems Alitherm 400 Windows Manual
System description:	The windows are thermally broken, double glazed only, internally or externally beaded, multipoint locking only with mechanically fixed transoms/mullions.
Ventilation:	None
Window Types:	Casement windows Tilt/Turn windows Fixed windows Multilight windows comprising opening light(s) with or without fixed light(s)

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Kitemark™ Certificate

No. KM 824696

Size Limitations and Performance Characteristics

Alitherm 400 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 6375-1:2009
Sash dimensions for windows with approved sash profiles:								
Projecting top hungs Internally Beaded	1400	1500	-	-	4	E1200	AE2400	2000+
Projecting top hungs Externally Beaded	1400	1500	-	-	4	E1200	AE2400	2000+
Projecting side hungs Internally Beaded	1000	1400	-	-	4	E1200	AE2400	2000+
Projecting side hungs Externally Beaded	1000	1400	-	-	4	E1200	AE2400	2000+
Tilt/Turn	1200	2100	-	-	4	9A	BE2400	2000+
Overall dimensions for windows with approved outer frame profiles:								
Fixeds Internally Beaded	2100	2100	8400	-	4	E1200	AE2400	2000+
Fixeds Externally Beaded	2100	2100	8400	-	4	E1200	AE2400	2000+
Overall dimensions for windows with approved outer frame & transom/mullion profiles:								
Multilights ETC4130/4135 T/M Internally Beaded	2100	2100	7100	1450	4	E1200	AE2400	2000+
Multilights ETC4130/4135 T/M Externally Beaded	2100	2100	7100	1450	4	E1200	AE2400	2000+

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

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This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
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 824696

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Alitherm Heritage & Alitherm Heritage HD Aluminium Alloy Window system

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

Smart Systems Alitherm Heritage & Alitherm Heritage HD Window Manual

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

Ventilation: None

Window Types: Casement windows
Tilt/Turn windows
Fixed windows
Multilight windows comprising opening light(s) with or without fixed light(s)

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Size Limitations and Performance Characteristics Alitherm Heritage 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 6375-1:2009
Sash dimensions for windows with approved sash profiles:								
Projecting top hungs Internally Beaded	1400	1400	-	-	4	7A	AE2400	2000+
Projecting top hungs Externally Beaded	1400	1400	-	-	4	9A	AE2400	2000+
Projecting top hungs HD Int/Ex Beaded	1750	1400	-	-	4	7A	AE2400	2000+
Projecting side hungs Internally Beaded	900	1400	-	-	4	7A	AE2400	2000+
Projecting side hungs Externally Beaded	900	1400	-	-	4	5A	AE2400	2000+
Projecting side hungs HD Externally Beaded	838	1750	-	-	4	9A	AE2400	2000+
Tilt/Turns Internally Beaded	1200	2100	-	-	4	9A	BE2400	2000+
Overall dimensions for windows with approved outer frame profiles:								
Fixeds Internally Beaded	2100	2100	8400	-	4	7A	AE2400	2000+
Fixeds Externally Beaded	2100	2100	8400	-	4	9A	AE2400	2000+
Overall dimensions for windows with approved outer frame & transom/mullion profiles:								
Multilights W2035 T/M Internally Beaded	2100	2100	7100	1450	4	7A	AE2400	2000+
Multilights W2035 T/M Externally Beaded	2100	2100	7100	1450	4	9A	AE2400	2000+
Multilights W21030 T/M Internally Beaded	2100	2100	-	-	4	7A	AE2400	2000+

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