

Kitemark™ Certificate

This is to certify that:

Kaliber Marketing (Holdings) Limited
T/A Kat UK
Unit 1
Queens Avenue
Macclesfield
SK10 2BN
United Kingdom

Holds Certificate Number:

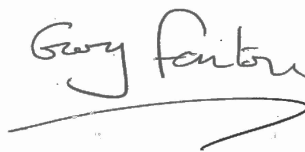
KM 651904

In respect of:

BS 7412 / PAS 24
Enhanced Security PVCU Windows Fabricator

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:

Gary Fenton, Global Product Certification Director

First Issued: 2017-07-07

Latest Issue: 2017-07-07



Kitemark™ Certificate

No. KM 651904

BS 7412:2007 / PAS 24:2016 - Enhanced security performance requirements for window assemblies

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Veka plc under Certificate Number KM 33520

Halo Vertical Sliding PVC-U Window System

Fabrication and Installation: Fabricated and installed in accordance with the latest issue(s) of the following Veka plc controlled manual(s):

Halo Vertical Sliding System Technical Manual

System description: The windows are double glazed, internally beaded, multipoint locking and are classified W.

Ventilation: None

Window Types: Vertical Sliding Windows Caldwell security sash lock PE7950, Sash lock keep UK 715, Security tilt latch PE615L/R or ERA Balance UK Hardware

Size Limitations and Performance Characteristics

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
Overall dimensions for windows with approved outer frame profiles									
Vertical Sliders	1200	2000	-	-	-	2	6A	5	2000

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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 651904

BS 7412:2007 / PAS 24:2016 - Enhanced security performance requirements for window assemblies

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Spectus Systems Limited under Certificate Number KM 33510

Spectus Vertical Slider PVC-U Window System

Fabrication and Installation:	Fabricated and installed in accordance with the latest issue(s) of the following Spectus Window Systems controlled manual(s): Vertical Slider Manual (Part No 994610). and On-line Vertical Slider Systems Accreditation Matrix	
System description:	The windows are double glazed only, internally beaded only	
Ventilation:	None	
Window Types:	Vertical Sliding windows	Caldwell Ultralift balances, Camlock, Camlock keep, Tilt latches, Security Bolt (top sash) and tilt restrictors

Size Limitations and Performance Characteristics

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
Overall dimensions for windows with approved profiles:									
Vertical sliding windows	1230	1480	1.82	-	-	3	5A	A4	1600
Vertical sliding windows	1200	1600	1.92	-	-	2	4A	A5	2000

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Kitemark™ Certificate

No. KM 651904

BS 7412:2007 / PAS 24:2016 - Enhanced security performance requirements for window assemblies

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Eurocell Profile Limited under Certificate Number KM 52187

System(s):	Modus PVC-U Window System	
Fabrication and Installation:	Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s): Modus PVC- U Product Manual	
Fabrication Options:	The windows are double or triple glazed, internally beaded, multipoint locking, with welded or mechanically ¹ transoms/mullions, tee and/or cruciform joints. Windows are classified as W.	
Hardware Options:	Multipoint locking only	
Glazing Options:	Double or triple glazed Internally beaded	
Ventilation:	None	
Window Types and approved hardware:	Casement windows	Maco Mspag with either 16" or 24" Maco RAIL espagnolette system operated by a key locking handle
	Flush Sash windows ¹	Cotswold Egrees hinges
	Fixed windows	
	Multilight Windows	

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Kitemark™ Certificate

No. KM 651904

Size Limitations and Performance Characteristics Modus 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
Projecting top hungs Reinforced	1200	1350	-	24"	-	4	E1050	AE	2400
Projecting side hungs Reinforced	750	1500	-	16"	-	4	E1050	AE	2400
Side hung Flush Sash Reinforced	750	1500	-	-	-	4	E1050	A4	1600
Fixeds	2100	2100	2.94	-	-	4	E1080	A5	2000
Multilights, Unreinforced T/M	1800	1500	2.69	-	1495	4	5A	2	800
Multilights T/M EWS7621S	1800	1500	2.69		1495	4	E1050	A5	2000

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