

## Kitemark™ Certificate

This is to certify that:

Veka plc  
Farrington Road  
Rossendale Road Industrial Estate  
Burnley  
BB11 5DA  
United Kingdom

Holds Certificate Number:

KM 33520

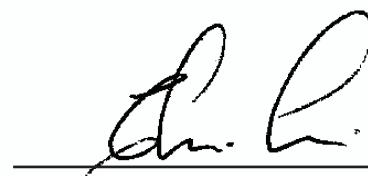
In respect of:

**BS EN 12608 / PAS24**  
**PVCU Profile - Enhanced Security Windows 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:



Chris Lewis - Certification Director, Product Certification

First Issued: 1995-03-17

Latest Issue: 2017-12-15

Effective Date: 2017-12-15

Expiry Date: 2020-12-14



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# Kitemark™ Certificate

No. KM 33520

## BS EN 12608:2003 / PAS 24:2016 - General and enhanced security performance requirements for window assemblies.

This Certificate covers the following window system design specification. The following materials are also certificated for use with windows and doors in conjunction with BS 7412 and PAS 24 when foiled in accordance with BS 7722:2010: Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

### Halo Fully Reversible 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 Fully Reversible System Technical Manual.
- System description:** The windows are double glazed, internally beaded, multipoint locking, with welded transoms/mullions, tee joints and are classified either W.
- Ventilation:** None
- Window Types:** Fully reversible (top swing) windows Roto TSL Espagnolette and PN UNI System Hinges with PN Hinge protector  
Fixed windows  
Multilight windows comprising opening light(s) and/or fixed light(s)

### Size Limitations and Performance Characteristics

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area(m <sup>2</sup> ) - 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:									
Fully Reversibles	1300	1300	-	-	-	3	E1050	2400	2400

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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](#).