

Kitemark™ Certificate

This is to certify that:

Scotia Double Glazing Limited
Block 2, Bonnyton Industrial Estate
Munro Place
Kilmarnock
KA1 2NP
United Kingdom

Holds Certificate Number:

KM 550238

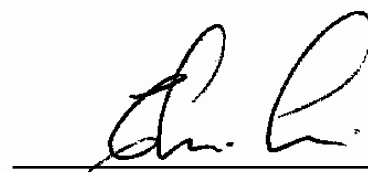
In respect of:

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:



Chris Lewis - Certification Director, Product Certification

First Issued: 2009-05-15

Latest Issue: 2017-11-08

Effective Date: 2017-11-08

Expiry Date: 2020-11-07



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...making excellence a habit.™

Kitemark™ Certificate

No. KM 550238

BS 7412:2007 / PAS 24:2016 - General and 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 70mm System 10 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): 70mm System 10 and Rustique System Technical Manual	
System description:	The windows are double glazed, internally or externally beaded*, multipoint locking, with welded transoms/mullions, tee joints and are classified W (* Dependant on Window Type)	
Ventilation:	None	
Window Types:	Casement windows (inc.Flush,Twin, Smart & *Storm 2 Sash)	Securistyle Defender, DGS Elite, Nico Heavy Duty, Cotswold EZ, Cotswold Sinidex Friction Stays or Yale Friction Stays, Halo Security Claw, Securistyle Vector Excluder ASD2, Nico Xtra Bolt , GT Stayguard Elite SG036 and Maco Hinge Protectors, Roto RA2000, Roto TSL Yale Blade, Nico Multilock , Maco Rail, Maco MK I, Maco MK II, Maco MSPAG Telescopic or Maco MSPAG Croppable espagnolette locking
	Tilt/Turn windows (inc.Smart Sash)	Roto NT, Roto NT Royale; Maco MULTI-MATIC Face Fixed Hinge Security, Siegenia FAVORIT Si-line Face Fixed Hinge Security, Siegenia FAVORIT axcent Concealed Hinge Security and GU Tilt and Turn Gearing
	Glazing	GT Securi-Clips
	Fixed Windows Multilight windows comprising opening light(s) and/or fixed light(s)	
	*Storm 2 Sash = Limited Availability	

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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 550238

Halo 70mm System 10 PVC-U Window System 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:									
Internally glazed									
Projecting top hungs Part reinforced*	1178	1178	-	24"	-	4	E1050	4	1600
Projecting top hungs Smart Sash	1246	1446	-	24"	-	4	E1050	E2400	2400
Projecting side hungs Part reinforced*	628	1278	-	16"	-	3	7A	4	1600
Projecting side hungs Smart Sash	846	1746	-	16"	-	4	E1050	E2400	2400
Projecting side hungs Flush Sash	620	1270	-	16"	-	4	9A	4	1600
Externally glazed									
Projecting top hungs Part reinforced	1178	1178	-	24"	-	2	E1050	4	1600
Projecting side hungs Part reinforced	628	1278	-	16"	-	3	E900	4	1600
Tilt/Turns	1414	1414	-	-	-	4	E1050	A4	1600
Tilt/Turns Smart Sash	1414	1414	-	-	-	4	E1050	A4	1600
Overall dimensions for windows with approved outerframe profiles									
Fixed Part reinforced*	3000	3000	9	-	-	4	E750	4	1600
Twin Sash	1250	1250	1.56	-	-	4	9A	E2400	2400

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Halo 70mm System 10 PVC-U Window System Size Limitations and Performance Characteristics (continued)

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
Multilights Unreinforced	1800	1800	1.8	-	1000	3	E750	4	1600
Multilights T/M S00155 reinforcement	1800	1800	2.4	-	1350	3	E1050	4	1600
Multilights T/M S00158 reinforcement	2000	2000	2.7	-	1350	4	7A	4	1600
Multilights Flush Sash reinforced	1360	1350	1.69	-	1270	4	9A	4	1600

*Inc. Storm 2 Casement Range = Limited Availability

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Kitemark™ Certificate

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BS 7412:2007 / PAS 24:2016 - General and 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 70mm Rustique 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): 70mm System 10 and Rustique System Technical Manual	
System description:	The windows are double glazed, internally or externally beaded*, multipoint locking, with welded transoms/mullions, tee joints and are classified W (* Dependant on Window Type)	
Ventilation:	None	
Window Types:	Casement windows (inc. Smart, Twin, Flush & *Storm 2 Sash)	Securistyle Defender, DGS Elite, Nico Heavy Duty, Cotswold EZ, Cotswold Sinidex Friction Stays or Yale Friction Stays, Halo Security Claw, Securistyle Vector Excluder ASD2, Nico Xtra Bolt , GT Stayguard Elite SG036 and Maco Hinge Protectors, Roto RA2000, Roto TSL Yale Blade, Nico Multilock , Maco Rail, Maco MK I, Maco MK II, Maco MSPAG Telescopic or Maco MSPAG Croppable espagnolette locking .
	Tilt/Turn windows (inc. Smart Sash)	Roto NT, Roto NT Royale; Maco MULTI-MATIC Face Fixed Hinge Security, Siegenia FAVORIT Si-line Face Fixed Hinge Security, Siegenia FAVORIT axcent Concealed Hinge Security and GU Tilt and Turn Gearing
	Glazing	GT Securi-Clips
	Fixed Windows Multilight windows comprising opening light(s) and/or fixed light(s)	
	*Storm 2 Sash = Limited Availability	

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Halo 70mm Rustique PVC-U Window System 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:									
Internally glazed									
Projecting top hungs Part reinforced*	1178	1178	-	24"	-	4	E1050	4	1600
Projecting top hungs Smart Sash	1246	1446	-	24"	-	4	E1050	E2400	2400
Projecting side hungs Part reinforced*	628	1278	-	16"	-	3	7A	4	1600
Projecting side hungs Smart Sash	846	1746	-	16"	-	4	E1050	E2400	2400
Projecting side hungs Flush Sash	620	1270	-	16"	-	4	9A	4	1600
Externally glazed									
Projecting top hungs Part reinforced	1178	1178	-	24"	-	2	E1050	4	1600
Projecting side hungs Part reinforced	628	1278	-	16"	-	3	E900	4	1600
Tilt/Turns	1414	1414	-	-	-	4	E1050	A4	1600
Tilt/Turns Smart Sash	1414	1414	-	-	-	4	E1050	A4	1600
Overall dimensions for windows with approved outerframe profiles									
Fixed Part reinforced*	3000	3000	9	-	-	4	E750	4	1600
Multilights Unreinforced	1800	1800	1.8	-	1000	3	E750	4	1600
Multilights T/M S00155 reinforcement	1800	1800	2.4	-	1350	3	E1050	4	1600
Multilights T/M S00158 reinforcement	2000	2000	2.7	-	1350	4	7A	4	1600
Twin Sash	1250	1250	1.56	-	-	4	9A	E2400	2400

*Inc. Storm 2 Casement Range = Limited Availability

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Kitemark™ Certificate

No. KM 550238

BS 7412:2007 / PAS 24:2016 - General and 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 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 W

Ventilation: None

Window Types: Fully reversible (top swing) windows Roto TSL Espagnolette and PN UNI System Hinges with PN Hinge protector and Maco Rail and Yale Reversible Hinge
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 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:									
Fully Reversibles	1300	1300	-	-	-	3	E1050	2400	2400
Smart Swing Sash	1300	1300	-	-	-	3	E1050	2400	2400

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Kitemark™ Certificate

No. KM 550238

BS 7412:2007 / PAS 24:2016 - General and enhanced security performance requirements for window assemblies.

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

System(s):	Euro Logik 70 Casement Window System
Fabrication and Installation:	Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s): The Eurocell Logik 70mm Window and Door System, Product Manual The Eurocell Euro Logik 70 Enhanced Security Fabrication Manual
Fabrication Options:	Welded transoms/mullions, tee and/or cruciform joints only. Windows are classified W.
Hardware Options:	Multipoint locking only
Glazing Options:	Double glazed only Internally or externally beaded casement only
Ventilation:	None
Window Types:	Projecting windows Tilt/Turn windows Fixed windows Multilight windows consisting of opening light(s) with or without fixed light(s)

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No. KM 550238

Size Limitation and Performance Characteristics Euro Logik 70 Casement 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	1200	-	24"		4	9A	4A	1600
Projecting top hungs Thermal Enhancer	1200	1200	-	24"		2	9A	4A	1600
Projecting side hungs Reinforced	650	1350	-	16"		4	9A	4A	1600
Projecting side hungs Thermal Enhancer	560	1200	-	12"		4	9a	5a	2000
Fixeds Reinforced	2000	1500	3	-	-	4	E1050	4	1600
Tilt/Turns Reinforced	1200	1200	1.2	-	-	3	7	3	1200
Multilights Reinforced	1800	1800	3.24	-	1350	4	9A	3	1200
Multilights Thermal Enhancer	1200	1200	1.44	-	1136	4	9A	3A	1200

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