

Kitemark™ Certificate

This is to certify that:

Fair Share Group Ltd
T/A Highseal Manufacturing Company
26 Hebden Road
Scunthorpe
DN15 8DT
United Kingdom

Holds Certificate Number:

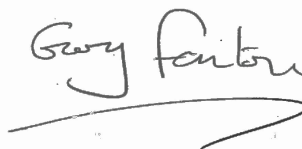
KM 664048

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: 17/03/2017

Latest Issue: 17/03/2017



Kitemark™ Certificate

No. KM 664048

BS 7412:2007 / PAS 24:2012 - Enhanced security performance requirements for window assemblies.

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Synseal Extrusions Limited under Certificate Number KM 41324.

Evolve Suite PVC-U Window System

Fabrication and installation: Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled technical documentation:

Evolve Technical Manual
Evolve Technical Manual Enhanced Security Products
Kitemarked Synseal Products List

System description: The windows are double or triple glazed, internally beaded only, multipoint locking only, with welded transoms/mullions, tee and/or cruciform joints only

Ventilation: None

Window types:

Casement windows	Yale Encloser lock with DGS Friction Stays or Yale F2 Friction Stays
Tilt/turn windows	Siegenia T/T Gearing
Vertically sliding windows	Caldwell Hardware (UK) Ltd Ultralift Pre-tensioned Balances with Caldwell locks and hinges
Fixed windows	
Multilight windows comprising opening and/or fixed light(s)	

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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 664048

Size Limitations and Performance Characteristics

Evolve Suite PVC-U 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 Part reinforced	1060	1060	-	24"	-	-	-	-	2400 Special*
Projecting side hungs Reinforced	650	1350	-	16"	-	-	-	-	2400 Special*
Projecting side hungs Reinforced	730	1300	-	16"	-	-	-	-	2400 Special*
Tilt/Turns Part reinforced	1040	1040	-	-	-	-	-	-	1600 Special*
Tilt/Turns Reinforced	1200	1260	-	-	-	-	-	-	1600 Special*
Tilt/Turns Reinforced	1040	1530	-	-	-	-	-	-	1600 Special*
Vertical sliders	1200	1800	-	-	-	3	5A	B3	1200
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Unreinforced	1500	1500	2.25	-	-	-	-	-	2400 Special*
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights, 3RS-OLT1L T/M reinforcement	1500	1500	1.8	-	1200	-	-	-	1200 Special*
Multilights, 3RS-OLT1L T/M reinforcement	2000	2000	2.5	-	1250	-	-	-	1600 Special*
Multilights, 3RS-OLT1L T/M reinforcement	2650	2650	2.92	-	1100	-	-	-	1200 Special*
Multilights, 3RS-OLT1L T/M reinforcement	1700	1700	2.89	-	1700	-	-	-	1200 Special*

* As given in Table 1 of BS 7412:2002

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Synerjy Suite PVC-U Window System

Fabrication and installation: Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled technical documentation:

Synerjy Technical Manual
Synerjy Technical Manual Enhanced Security Products - Section 14
Kitemarked Synseal Products List

System description: The windows are double or triple glazed, internally beaded only, multipoint locking only, with welded transoms/mullions, tee and/or cruciform joints only

Ventilation: None

Window types:

Casement windows	Securistyle Stays, Trojan Espagnolette and GT hinge protectors or; Securistyle Vector Hinge and Siegenia Espagnolette or; Cotswold Stay, Mila 8 Series Espagnolette and GT hinge protectors or; Avocet stays, Roto TSL Espagnolette and Securistyle Vector hinge protectors or Yale Encloser lock with Yale F2 Friction Stays Roto Royal Tilt First tilt/turn gearing.
Tilt/turn windows	
Fixed windows	
Multilight windows comprising opening and/or fixed light(s)	

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Size Limitations and Performance Characteristics

Synerjy Suite PVC-U 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
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs TPR reinforcement	1335	1145	-	24"	-	4	E1050	A4	1600
Projecting top hungs Reinforced	1156	1156	-	24"	-	4	8A	A5	2000
Projecting side hungs TPR reinforcement	636	1336	-	16"	-	4	E1050	AE2400	2000+
Projecting side hungs Reinforced	606	1356	-	16"	-	3	7A	A5	2000
Tilt/turns Reinforced	1116	1416	-	-	-	4	6A	A4	1600
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Reinforced	2500	2500	4.00	-	-	4	9A	A5	2000
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights, TPR T/M reinforcement	1480	1480	1.81	-	1480	4	E1050	A4	1600
Multilights, RS73 T/M reinforcement	1800	1800	2.16	-	1200	4	6A	A5	2000
Multilights, RS73 T/M reinforcement	1400	1400	1.82	-	1400	4	6A	A4	1600
Multilights, RS74 T/M reinforcement	2400	2400	3.60	-	1500	4	6A	A4	1600
Multilights, RS74 T/M reinforcement	1400	1400	1.82	-	1400	4	6A	A5	2000
Multilights, RS81 T/M reinforcement	1600	1600	2.56	-	1600	4	6A	A4	1600

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Shield PVC-U Window System

Fabrication and installation: Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled technical documentation:

Shield Technical Manual
Shield Technical Manual Enhanced Security Products - Section 15
Kitemarked Synseal Products List

System description: The windows are double or triple glazed, internally or externally beaded, multipoint locking only, with welded and/or mechanically fixed transoms/mullions, tee and/or cruciform joints

Ventilation: None

Window types:

Casement windows	Securistyle Stays, Trojan Espagnolette and GT hinge protectors or; Securistyle Vector Hinge and Siegenia Espagnolette or; Cotswold Stay, Mila 8 Series Espagnolette and GT hinge protectors or; Avocet stays, Roto TSL Espagnolette and Securistyle Vector hinge protectors or
Fixed windows	Yale Encloser lock with Yale F2 Friction Stays
Multilight windows comprising opening light(s) and/or fixed light(s)	

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Shield 6 Series PVC-U Window System

Fabrication and installation:

Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled technical documentation:

Shield 6 Series Technical Manual
Shield 6 Series Technical Manual Enhanced Security Products - Section 15
Kitemarked Synseal Products List

System description:

The windows are double or triple glazed, internally beaded only, multipoint locking only, with welded and/or mechanically fixed transoms/mullions, tee and/or cruciform joints

Ventilation:

None

Window types:

Casement windows Securistyle Stays, Trojan Espagnolette and GT hinge protectors or;
 Securistyle Vector Hinge and Siegenia Espagnolette or;
 Cotswold Stay, Mila 8 Series Espagnolette and GT hinge protectors or;
 Avocet stays, Roto TSL Espagnolette and Securistyle Vector hinge protectors.
 Yale Encloser lock with Yale F2 Friction Stays

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

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Kitemark™ Certificate

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Size Limitations and Performance Characteristics

Shield PVC-U Window System

Shield 6 Series PVC-U 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
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs TPR reinforcement	1335	1145	-	24"	-	4	E1050	A4	1600
Projecting top hungs Reinforced	1156	1156	-	24"	-	4	8A	A5	2000
Projecting side hungs TPR reinforcement	560	1138	-	16"	-	4	E1050	AE2400	2000+
Projecting side hungs Reinforced	606	1256	-	16"	-	3	7A	A5	2000
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Reinforced	2500	2500	4.00	-	-	4	9A	A5	2000
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights, TPR T/M reinforcement	1480	1480	1.81	-	1480	4	E1050	A4	1600
Multilights, RA71 T/M reinforcement	1500	1500	2.25	-	1500	4	6A	A4	1600
Multilights, RS73 T/M reinforcement	1800	1800	2.16	-	1200	4	6A	A5	2000
Multilights, RS73 T/M reinforcement	1400	1400	1.82	-	1400	4	6A	A4	1600
Multilights, RS74 T/M reinforcement	2400	2400	3.60	-	1500	4	6A	A4	1600
Multilights, RS74 T/M reinforcement	1400	1400	1.82	-	1400	4	6A	A5	2000

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Legend 70 Suite PVC-U Window System

Fabrication and installation: Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled technical documentation:

Legend 70 Fabrication Manual, 70mm Glaze-in Window Manual, 70mm Glaze-in Ovolo Window Manual, 70mm Glaze-out Window Manual, 70mm Tilt & Turn Window Manual and BS 7950 Security Performance Kitemarked Synseal Products List

System description: The windows are double or triple glazed, internally or externally beaded, multipoint locking only, with welded transoms/mullions, tee and/or cruciform joints only

Ventilation: None

Window types:

Casement windows	Securistyle Stays, Trojan Espagnolette and GT hinge protectors or; Securistyle Vector Hinge and Siegenia Espagnolette or; Cotswold Stay, Mila 8 Series Espagnolette and GT hinge protectors or; Avocet stays, Roto TSL Espagnolette and Securistyle Vector hinge protectors. Yale Encloser lock with Yale F2 Friction Stays
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Tilt/turn windows	Roto Royal Tilt First tilt/turn gearing Siegenia Tilt/Turn Espagnolette system.
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Fixed windows	
Multilight windows comprising opening light(s) and/or fixed light(s)	

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Kitemark™ Certificate

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Size Limitations and Performance Characteristics

Legend 70 Suite PVC-U 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 TPR reinforcement	1335	1145	-	24"	-	4	E1050	A4	1600
Projecting top hungs Steel reinforcement	1200	1200	-	24"	-	-	-	-	2000*
Projecting side hungs TPR reinforcement	560	1138	-	16"	-	4	E1050	AE2400	2400
Projecting side hungs Steel reinforcement	850	1500	-	16"	-	-	-	-	2000*
Tilt/turns Reinforced	1400	1400	-	-	-	-	-	-	2400 Special*
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Reinforced	3000	3000	4.00	-	-	-	-	-	2400 Special*
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights, TPR T/M reinforcement	1480	1480	1.81	-	1480	4	E1050	A4	1600
Multilights, 5RA-FT1 T/M reinforcement	2200	2200	2.42	-	1100	-	-	-	2400 Special*
Multilights, 5RS-FT1L T/M reinforcement	2500	2500	3.50	-	1400	-	-	-	1600 Special*
Multilights, 5RS-FT1M T/M reinforcement	2600	2600	3.90	-	1500	-	-	-	1200 Special*
Multilights, 5RS-FT1H T/M reinforcement	2600	2600	4.42	-	1700	-	-	-	1200 Special*
Multilights, 5RS-T2 T/M reinforcement	2700	2700	5.13	-	1900	-	-	-	1200 Special*
Multilights, 5RA-T1 T/M reinforcement	2400	2400	2.88	-	1200	-	-	-	1600 Special*

* as given in Table 1 of BS 7412:2002

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Sheerframe 6000 PVC-U Window System

Fabrication and installation: Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled technical manual(s):

Sheerframe 6000 Manufacturing Manual
Sheerframe 6000 BS EN 12608 Accreditation Annex

System description: The windows are double glazed, internally or externally* beaded, multipoint locking, with welded and/or mechanically fixed transoms/mullions, tee and/or cruciform joints (* dependent on window type)

Ventilation: None

Window types:

Casement windows	Trojan Shootbolt Espagnolette with Securistyle Defender Hinges Yale Encloser lock with Yale F2 Friction Stays
Tilt/turn windows	Fuhr tilt/turn Gearing
Fixed windows	
Multilight windows comprising opening light(s) and/or fixed light(s)	

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Kitemark™ Certificate

No. KM 664048

Size Limitations and Performance Characteristics

Sheerframe 6000 PVC-U 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
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs Reinforced	1051	1051	-	24"	-	2	E900	5	2000
Projecting side hungs Reinforced	551	1151	-	16"	-	2	9A	5	2000
Tilt/turns Reinforced	1186	1186	-	-	-	3	8A	5	2000
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Reinforced	2000	2000	4	-	-	4	8A	5	2000
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights FP 601 T/M reinforcement	1200	1200	1.08	-	900	4	8A	5	2000
Multilights A601/TL601 T/M reinforcement	2100	2100	2.84	-	1250	4	E1000	2	1200
Multilights, S601 T/M reinforcement	2100	2100	2.84	-	1250	3	8A	5	2000

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Sheerframe 7000 PVC-U Window System

Fabrication and installation: Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled manual(s):

Sheerframe 7000 Manufacturing Manual
Sheerframe 7000 BS EN 12608 Accreditation Annex

System description: The windows are double glazed, internally or externally* beaded, multipoint locking, with welded and/or mechanically fixed transoms/mullions, tee and/or cruciform joints (* dependent on window type)

Ventilation: None

Window types: Casement windows Trojan Shootbolt Espagnolette or Securistyle locking with Securistyle Defender Hinges
Yale Encloser lock with Yale F2 Friction Stays

Tilt/turn windows Fuhr Tilt/Turn Gearing

Fixed windows

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

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Kitemark™ Certificate

No. KM 664048

Size Limitations and Performance Characteristics

Sheerframe 7000 PVC-U 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
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs Reinforced	1038	1038	-	24"	-	2	E900	5	2000
Projecting side hungs Reinforced	588	1138	-	16"	-	2	9A	5	2000
Tilt/turns Reinforced	1186	1186	-	-	-	3	8A	5	2000
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Reinforced	2000	2000	4	-	-	4	8A	5	2000
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights FP8824 T/M reinforcement	1200	1200	1.08	-	900	4	8A	5	2000
Multilights, S107/A101/TL101 T/M reinforcement	2100	2100	2.84	-	1350	3	E1000	4	1600
Multilights, S101 T/M reinforcement	2100	2100	2.84	-	1350	3	E1000	5	2000

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Sheerframe 8000 PVC-U Window System

Fabrication and installation:	Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled manual(s):	
	Sheerframe 8000 Manufacturing Manual	
System description:	The windows are double glazed only, internally beaded, multipoint locking, with welded transoms/mullions	
Ventilation:	None	
Window types:	Casement windows	Trojan Shootbolt Espagnolette or Yale Encloser Lock with Securistyle Defender Hinges Yale Encloser lock with Yale F2 Friction Stays
	Tilt/turn windows	Fuhr Tilt/Turn Gearing
	Fully reversible (top swing)	Yale Encloser Lock with Yale Grorud hinges
	Fixed windows	
	Multilight windows comprising opening light(s) and/or fixed light(s)	

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Size Limitations and Performance Characteristics

Sheerframe 8000 PVC-U 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
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs Reinforced	1200	1200	-	24"	-	3	E750	E2400	E2400
Projecting side hungs Reinforced	750	1300	-	16"	-	4	E1050	E2400	2400
Top Swing reversibles Reinforced	1140	1160	-	-	-	2	7A	A5	2000
Tilt/Turns Reinforced	1200	1200	-	-	-	3	E750	E4	2400
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Reinforced	2000	2000	4	-	-	4	8A	5	2000
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights, FP8821 T/M reinforcement	2500	1300	3.25	-	1300	4	E1050	4	1600
Multilights S128 T/M reinforcement	2500	1300	3.25	-	1300	3	E1050	5	2000
Multilights TL4 T/M reinforced	2400	1200	2.88	-	1200	2	7A	A5	2000

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Kitemark™ Certificate

No. KM 664048

BS 7412:2007 / PAS 24:2012 - Enhanced security performance requirements for window assemblies.

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Synseal Extrusions Limited under Certificate Number KM 41324.

Sheerframe Fully Reversible (Top Swing) PVC-U Window System

Fabrication and installation: Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled manual(s):

Sheerframe Top Swing Reversible System Manufacturing Manual
Sheerframe Top Swing Reversible System BS EN 12608 Accreditation Annex

System description: The windows are double glazed only, internally beaded, multipoint locking, with welded transoms/mullions.

Ventilation: None

Window types: Fully reversible (top swing) Yale Encloser lock and Yale Grorud hinges.

Fixed windows

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

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Kitemark™ Certificate

No. KM 664048

Size Limitations and Performance Characteristics

Sheerframe Fully Reversible (Top Swing) PVC-U 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
Overall dimensions for windows with approved outer frame profiles:									
Fully reversibles Reinforced	1200	1200	-	24"	-	4	E1000	4	1600
Fixeds Reinforced	1200	1200	1.44	-	-	4	8A	4	1600
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights, S76/S78 T/M reinforcement	2362	2362	2.83	-	1200	4	E1000	4	1600

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Kitemark™ Certificate

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BS 7412:2007 / PAS 24:2012 - Enhanced security performance requirements for window assemblies.

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Synseal Extrusions Limited under Certificate Number KM 41324.

Warmcore Aluminium Clad PVC-U Window System

Fabrication and installation: Fabricated and installed in accordance with the latest issue(s) of the following Synseal Extrusions Limited controlled technical documentation:

Warmcore Technical Manual
Warmcore Technical Manual Enhanced Security Products
Kitemarked Synseal Products List

System description: The windows are double or triple glazed, internally beaded only, multipoint locking only, with mechanically jointed corners, transoms/mullions, tee and/or cruciform joints.

Ventilation: None

Window types:

Casement windows	Mila Espagnolette, Key locking handle, Cotswold Hinges, Hinge Protectors or Yale Encloser lock with Yale F2 Friction Stays
Tilt/Turn windows	Maco Multi-Matic Face Fix TBT 26mm Axis Eurogroove locking with ProLinea TBT Handle and Maco Multi-Matic Keeps
Fixed windows	
Multilight windows comprising opening and/or fixed light(s)	

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Kitemark™ Certificate

No. KM 664048

Size Limitations and Performance Characteristics Warmcore Aluminium Clad PVC-U 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
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs Part reinforced	1150	1150	-	24"	-	4	7A	AE2400	2000+
Projecting side hungs Reinforced	650	1450	-	16"	-	4	7A	AS2000	2000
Tilt/Turns	1385	1485	-	-	-	4	9A	AE2400	2000+
Fixed lights	1450	1450	1.67	-	-	4	7A	AE2400	2000+
Overall dimensions for windows with approved outerframes									
Fixed lights	1450	1450	1.67	-	-	4	7A	AE2400	2000+
Multilights unreinforced	1500	1500	-	-	1450	4	7A	AS2000	2000

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