

# 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 664047

In respect of:

**BS 7412 / PAS 24**  
**Enhanced Security PVCU Doors 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: 2017-03-17

Latest Issue: 2018-10-11

Effective Date: 2018-10-11

Expiry Date: 2021-10-10



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...making excellence a habit.™

# Kitemark™ Certificate

No. KM 664047

## **BS 7412:2007 - Plastics windows made from unplasticized polyvinyl chloride (PVC-U) extruded hollow profiles.**

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Synseal Extrusions Limited under Certificate Number KM 30983.

### **Synerjy Suite PVC-U System**

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

Synerjy Suite Technical Manual  
Kitemarked Synseal Products List

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

**Ventilation:** None

**Product types:** Casement windows  
Tilt/turn windows  
Fixed windows  
Multilight windows comprising opening light(s) and/or fixed light(s)

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# Kitemark™ Certificate

No. KM 664047

## Size Limitations and Performance Characteristics

### Synerjy Suite PVC-U 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 TPR reinforcement	1335	1145	-	-	4	E1050	A4	1600
Projecting top hungs Reinforced	1156	1156	-	-	4	8A	A5	2000
Projecting side hungs TPR reinforcement	636	1336	-	-	4	E1050	AE2400	2400
Projecting side hungs Reinforced	606	1356	-	-	3	7A	A5	2000
Tilt/turns Reinforced	1116	1416	-	-	4	6A	A4	1600
Overall dimensions for windows with approved outer frames:								
Fixeds Unreinforced	2500	2500	8200	-	4	9A	A5	2000
Overall dimensions for windows with approved outer frame & transom/mullion profiles:								
Multilights, TPR T/M reinforcement	1480	1480	5400	1480	4	E1050	A4	1600
Multilights, RS73 T/M reinforcement	1800	1800	6000	1200	4	6A	A5	2000
Multilights, RS73 T/M reinforcement	1400	1400	5400	1400	4	6A	A4	1600
Multilights, RS74 T/M reinforcement	2400	2400	7800	1500	4	6A	A4	1600
Multilights, RS74 T/M reinforcement	1400	1400	5400	1400	4	6A	A5	2000
Multilights, RS81 T/M reinforcement	1600	1600	6400	1600	4	6A	A4	1600

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### **Warmcore Aluminium Clad PVC-U System**

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

Warmcore Technical Manual

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

**Ventilation:** None

**Product types:** Casement windows  
Flush sash windows  
Tilt/Turn windows  
Fixed windows  
Multilight windows comprising opening light(s) and/or fixed light(s)

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## Size Limitations and Performance Characteristics Warmcore Aluminium Clad PVC-U 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 outer frame profiles:								
Projecting Top hungs Part Reinforced	1150	1150	-	-	4	7A	AE2400	2000+
Projecting Flush top hungs Part Reinforced	1150	1150	-	-	4	7A	AE2400	2000+
Projecting Side hungs Reinforced	650	1450	-	-	4	7A	AE2000	2000
Projecting Flush side hungs Reinforced	650	1450	-	-	4	7A	AE2000	2000
Tilt/Turns	1385	1485	-	-	4	9A	AE2400	2000+
Overall dimensions for windows with approved outer frame profiles:								
Fixed Lights	1450	1450	5800	-	4	7A	AE2400	2000+
Multilights Unreinforced	1500	1500	-	1450	4	7A	AE2000	2000

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## **BS 7412:2007 - Plastics windows made from unplasticized polyvinyl chloride (PVC-U) extruded hollow profiles.**

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Spectus Window Systems under Certificate Number KM 12874.

**System(s):** Elite 70 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):

Elite 70 Casement Manual (Part No 994731), Elite 70 Tilt & Turn Manual (Part No 994733), Elite 70 General Manual (Part No 994730) and On-line Elite 70 Systems Accreditation Matrix

**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 (\* dependent on window type)

**Ventilation:** None

**Window Types:** Casement windows  
Tilt & Turn windows  
Fixed windows  
Multilight windows comprising opening light(s) and/or fixed light(s)

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# Kitemark™ Certificate

No. KM 664047

## Size Limitations and Performance Characteristics Elite 70 PVC-U 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
Vent dimensions for windows with approved vent profiles:								
Projecting top hungs Reinforced	1240	1240	-	-	2	7A	B5	2000
Projecting top hungs Reinforced – RCM	1200	1200	-	-	2	9A	B3	1200
Projecting side hungs Reinforced	650	1400	-	-	2	7A	CE 2400	2400
Projecting side hungs Reinforced	740	1340	-	-	2	7A	CE 2400	2400
Projecting side hungs Reinforced – RCM	700	1300	-	-	3	9A	C5	2000
Projecting side hungs Reinforced	740	1340	-	-	3	8A	AE2400	2400
Tilt & Turns Part reinforced	1500	1500	-	-	2	5A	A3	1200
Tilt & Turns Part reinforced	917	1515	-	-	2	7A	CE2400	2400
Overall dimensions for window with approved outer frame profiles:								
Fixeds Part reinforced	3000	3000	10000	-	2	7A	AE2400	2400
Overall dimensions for windows with approved outer frame & transom/mullion profiles:								
Multilights, BR20S T/M reinforcement	1400	1400	5400	1300	2	7A	A3	1200
Multilights, BR21 T/M reinforcement	1400	1400	4800	1400	2	7A	A2	800

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## Size Limitations and Performance Characteristics (continued) Elite 70 PVC-U 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
Overall dimensions for windows with approved outer frame & transom/mullion profiles:								
Multilights, BR21S T/M reinforcement	1500	1500	5600	1500	2	7A	AE2400	2400
Multilights, BR20 T/M reinforcement	1300	1300	4800	1300	2	7A	A2	800
Multilights, BR16S T/M reinforcement	1450	1450	5300	1450	4	7A	A5	2000
Multilights, BR16 T/M reinforcement	1300	1300	5000	1300	4	8A	A5	2000
Multilights, BR17S T/M reinforcement	1600	1600	5600	1600	4	9A	A5	2000
Multilights, BX20 T/M Reinforcement RCM	1000	1000	4000	1000	4	9A	C5	2000
Multilights, BR06S T/M reinforcement	1300	1300	5000	1300	4	8A	A5	2000
Multilights, BR06 T/M reinforcement	1200	1200	4700	1150	4	8A	A5	2000
Multilights, BR22 T/M reinforcement	1200	1200	4800	1200	4	8A	A5	2000
Multilights, BR22S T/M reinforcement	1550	1550	5500	1550	4	9A	A5	2000
Multilights, BR24S T/M reinforcement	1800	1800	6000	1800	2	7A	AE2400	2400
Multilights, BR24 T/M reinforcement	1500	1500	5200	1500	2	7A	A4	1600

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No. KM 664047

## **BS 7412:2007 - Plastics windows made from unplasticized polyvinyl chloride (PVC-U) extruded hollow profiles.**

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Spectus Window Systems under Certificate Number KM 12874.

**System(s):** Fully Reversible and Projecting Casement 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):  
Fully Reversible Manual (Part No 994735). Elite 70 General Manual (Part No 994730) and On-line Fully Reversible Systems Accreditation Matrix

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

**Ventilation:** None

**Window Types:** Top swing reversible windows  
Projecting side hung windows  
Fixed windows  
Multilight windows comprising opening light(s) and/or fixed light(s)

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## Size Limitations and Performance Characteristics Fully Reversible PVC-U 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
Vent dimensions for windows with approved vent profiles:								
Top swing reversibles Reinforced	1235	1350	-	-	2	8A	B5	2000
Projecting side hung Reinforced	800	1500			3	9A	CE2400	2400
Overall dimensions for window with approved outer frame profiles:								
Fixeds Reinforced	3000	3000	-	-	2	7A	AE2400	2400
Overall dimensions for windows with approved outer frame & transom/mullion profiles:								
Multilights, BR116S T/M reinforcement	2200	1450	7300	1450	2	8A	B5	2000

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