

# 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:

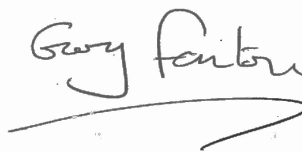
KM 664047

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:

Gary Fenton, Global Product Certification Director

First Issued: 17/03/2017

Latest Issue: 17/03/2017



# Kitemark™ Certificate

No. KM 664047

## BS 7412:2007 / PAS 24:2012 - General and enhanced security performance requirements for door assemblies.

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Synseal Extrusions Limited under Certificate Number KM 57030.

### Synseal Legend 70 PVC-U Residential Door System

**Door type(s):** Single and Double leaf hinged doors

**Fabrication and installation:** Fabricated and installed in accordance with the latest issue of the following controlled manual(s):  
Synseal Legend 70 Single and Double Leaf Residential Door Manual  
Synseal Legend 70 Technical Manual Section 5a

**System description:** The door assemblies are glaze in or out with compliant IGU(s), laminated on one pane to classification P1A, open in or out, hinged on frame side, with or without welded or mechanically fixed midrails, with standard or low threshold and of otherwise fully welded construction. Doors are fitted with Yale Lockmaster Espagnolette and Reth Pin Hinges and are classified at D K.

### Size Limitations and Performance Characteristics

Door Type	Length (mm) - Maximum	Height (mm) - Maximum (including sill)	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 doors with approved outer frame and sash profiles :						
Single leaf doors Open Out	1070	2288	Class 2	Class 5A	Class C2	1600
Single leaf doors Open In	1070	2288	-	-	-	1000*
Doors with (coupled or integral) side panel(s) Open Out	1970	2288	Class 2-	Class 5A	Class C2	1600
Doors with (coupled or interal)side panel(s) Open In	1970	2288	-	-	-	1000*
Double leaf doors Open In	1800	2250	2	2A	A2	800

\*Exposure category as given in Table 1 of PAS23-1:1999

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# Kitemark™ Certificate

No. KM 664047

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This Certificate covers the fabrication of doors from the range of profiles and components supplied by Synseal Extrusions Limited under Certificate Number KM 57030.

### Synseal Synerjy PVC-U Residential Door System

**Door type(s):** Single and double leaf hinged doors

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

**System description:** The door assemblies are glaze in with compliant IGU(s), laminated on one pane to classification P1A, open in or out (dependant on door type), hinged on frame side, with full glass infill and standard threshold only and of otherwise fully welded construction. Doors are fitted with Mila PL13-19 Lock Master Door Lock and Evolution Security Hinges and are classified D K.

### Size Limitations and Performance Characteristics

Door Type	Length (mm) - Maximum	Height (mm) - Maximum (including sill)	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 doors with approved outer frame and sash profiles:						
Single leaf open in	900	2100	-	-	-	800X*
Double leaf open out Active leaf Slave leaf	900	2090	-	-	-	800*

\*Exposure category as given in Table 1 of PAS23-1:1999

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### Synseal Shield PVC-U Residential Door System Synseal Shield 6 PVC-U Residential Door System

**Door type(s):** Single and double leaf hinged doors

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

**System description:** The door assemblies are glazed in with compliant IGU(s), laminated on one pane to classification P1A, open in or out (dependant on door type), hinged on frame side, with full glass infill and standard threshold only and of otherwise fully welded construction. Doors are fitted with Mila PL13-19 Lock Master Door Lock and Evolution Security Hinges and are classified D K.

### Size Limitations and Performance Characteristics

Door Type	Length (mm) - Maximum	Height (mm) - Maximum (including sill)	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 doors with approved outer frame and sash profiles:						
Single leaf open in	900	2100	-	-	-	800X*
Double leaf open out Active leaf	900	2090	-	-	-	800*
Slave leaf						

\*Exposure category as given in Table 1 of PAS23-1:1999

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### Warmcore Folding Sliding Doorset

**Door type(s):** Single leaf, Double leaf or Bifolding doorset

**Fabrication and installation:** Fabricated and installed in accordance with the latest issue of the following controlled manual(s):  
Warmcore Technical Manual

### System description:

The bifolding door assemblies comprise up to maximum of 4 leaves are sliding/folding, open in or out, glazed, laminated on one pane to classification P1A, fully glazed only with mechanically jointed construction (Aluminium track). The door sets are fitted with BiFolding Door Hardware supplied by ERA.

Single and Double leaf door assemblies are open in or out, with either low or standard threshold, Fully glazed only with double glazed IGUs laminated on one pane to classification P1A and are of a mechanically jointed construction. The locking hardware and hinges are supplied by ERA. Doors are classified as DK.

### Size Limitations and Performance Characteristics

Door Type	Length (mm) - Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Maximum sash dimensions for doors with approved outer frame and sash profiles:						
<b>Bifolding Doorsets</b> Individual leaf	700	1970	3	7A	C2	800
Sash dimensions for doors with approved outer frame and sash profiles:						
<b>Single leaf</b>	700	1970	3	7A	C2	800
<b>Double leaf Doorsets</b> Active leaf Slave leaf	700	1970	3	7A	C2	800

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## BS 7412:2007 / PAS 24:2012 - General and enhanced security performance requirements for door assemblies.

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### Sheerframe 6000 PVC-U Door System

Fabricated and installed in accordance with the latest issue of the following Synseal Extrusions Limited manual(s):  
Sheerframe 6000 Manufacturing Manual

#### System description:

The door assemblies are open out only, hinged on outer frame or mullion, internally beaded with compliant IGU(s), laminated on one pane to classification P1A, without welded or mechanically fixed midrails, with standard threshold and of otherwise fully welded construction. The doorsets are fitted with Fuhr locks and Roto Highline Flag hinges and are classified as D K.

#### Size Limitations and Performance Characteristics

Door Type	Length (mm) - Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Sash dimensions for doors with approved outer frame and sash profiles:						
Single leaf doors	840	2035	1	2A	A2	800X
Overall dimensions for doors with approved outer frame and sash profiles:						
Double leaf doors	1800	2100	1	2A	A2	800X

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### Sheerframe 7000 PVC-U Door System

Fabricated and installed in accordance with the latest issue of the following Synseal Extrusions Limited manual(s):  
Sheerframe 7000 Manufacturing Manual

#### System description:

The door assemblies are open in only, hinged on outer frame or mullion, internally beaded with compliant IGU(s), laminated on one pane to classification P1A, with or without welded or mechanically fixed midrails, with standard threshold and of otherwise fully welded construction. The doorsets are fitted with Fuhr locks and Roto Highline flag hinges and are classified D K.

#### Size Limitations and Performance Characteristics

Door Type	Length (mm) - Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Sash dimensions for doors with approved outer frame and sash profiles:						
Single leaf doors	922	2153	2	5A	A2	800
Overall dimensions for doors with approved outer frame and sash profiles:						
Double leaf doors	1800	2200	2	4B	A2	800

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### Sheerframe 8000 PVC-U Door System

Fabricated and installed in accordance with the latest issue of the following Synseal Extrusions Limited manual(s):  
Sheerframe 8000 Manufacturing Manual

#### System description:

The door assemblies are open in or out, hinged on outer frame or mullion, internally beaded with compliant IGU(s), laminated on one pane to classification P1A, with or without welded midrails, with standard or low threshold and of otherwise fully welded construction. Doors are fitted with either Fullex XLSL lock or Paddock Lockmaster PL45HK-19 and either Trojan or Laird Maxim Hinges and are classified as D K.

#### Size Limitations and Performance Characteristics

Door Type	Length (mm) - Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Sash dimensions for doors with approved outer frame and sash profiles:						
Single leaf doors Fullex XLSL Lock Trojan Hinge	920	2045	3	5A	4	1600
Single leaf doors Paddock Lockmaster PL45HK-19 Laird Maxim Hinge	920	2050	2	3A	A3	1200
Overall dimensions for doors with approved outer frame and sash profiles:						
Double leaf doors	1800	2200	2	5A	A2	800

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