

Kitemark™ Certificate

This is to certify that:

Epwin Group Plc
T/A Windowbuild
55-56 Lewis Road
Cardiff
CF24 5EB
United Kingdom

Holds Certificate Number:

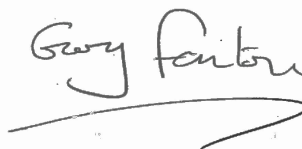
KM 554155

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: 27/08/2009

Latest Issue: 22/12/2015



Kitemark™ Certificate

No. KM 554155

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 Profile 22 under Certificate Number KM 56791.

Profile 22 PVC-U Residential Door System

Fabricated and installed in accordance with the latest issue of the following Profile 22 manual(s):

Profile 22 Technical manual BS 7412 & PAS 24 Residential Doors

Profile 22 70mm Fully Integrated System Manual including 60mm Chamfered TBT/Doors

System description

The door assemblies are open in or open out, hinged on frame or mullion side, internally beaded with compliant IGU(s), laminated on one pane or panelled infills, with or without welded midrails, with either standard or mechanically fixed low threshold and of otherwise fully welded construction. Doors are classified as either DK or DKT.

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 *)
Hardware options 1 and 2 (2951, 2952 & 2953 keeps only)						
Standard Threshold With Sidescreen	1000 2000	2262 2262	-	-	-	800 Special*
Low Threshold With Sidescreen	1000 2000	2262 2262	-	-	-	800*
Hardware options 1 (2960 keep only)						
Standard Threshold With Sidescreen	1000 2000	2262 2262	-	-	-	2000

* Exposure category as given in Table 1 of PAS 23-1:1999

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To check its validity telephone +44 (0) 845 080 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 554155

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 Profile 22 under Certificate Number KM 56791.

Profile 22 60/70mm Double Door System

Fabricated and installed in accordance with the latest issue of the following Profile 22 manual(s):

Profile 22 Technical manual PAS 23 & 24 Residential Doors

System description

The door assemblies are open in or open out, hinged on frame or mullion side, internally beaded with compliant IGU(s), laminated on one pane or panelled infills, with or without welded midrails, with either standard or mechanically fixed low threshold and of otherwise fully welded construction. Doors are classified as either DK or DKT.

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
Standard Threshold	1925	2232	3	3A	3A	800
Low Threshold	1925	2232	3	3A	C2	800X

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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 Spectus Window Systems under Certificate Number KM 77061.

Spectus Elite 70 PVC-U Residential Door System

Fabricated and installed in accordance with the latest issue of the following controlled manual(s):

Elite 70 Door Manual (Part No 994732)

Windowbuild BS 7412/PAS 24 Technical Manual

System description

The door assemblies are single leaf hinged, open in or open out, internally beaded only, with compliant IGU(s) laminated on one pane or panelled infills, with welded midrails, (either glass/midrail/panel, panel/midrail/panel, glass/midrail/glass), with either standard or mechanically fixed low threshold and of otherwise fully welded construction.

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 *)
Low threshold open in Low threshold open out	950	2100	-	-	-	800X* 800 Special*
Standard threshold open in Standard threshold open out	950	2100	-	-	-	2400*

* Exposure category as given in Table 1 of PAS 23-1:1999

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Kitemark™ Certificate

No. KM 554155

Spectus Elite 70 PVC-U Residential Door System

Profiles:	Outerframe: Leaf (open in): Leaf (open out): Midrail:	B07 B45 B46 B24
Reinforcement:	Outerframe: (head, sill & hinge jamb): Outerframe:(lock jamb): Leaf (head, sill & hinge jamb): Leaf (lock jamb): Leaf (hinge locator strip): Midrail:	BR07S (steel) reversed BR07S (steel) BR24S (steel) BPP06 (pre punched steel) 070835 (aluminium) BS24S (steel)
Infill retention:	Glazing beads: Glazing gaskets:	B60 PCE profiles and co-ex beads
Low threshold:	AM3, open in and AM5, open out	
Weatherseals:	Post co-extruded	
Infill Panels:	Door Panels Plc, Styrofoam reinforced with plywood/aluminium	
Infill retention:	Glazing beads: Glazing gaskets: Glazing security feature:	B60 PCE profiles and co-ex beads GT Products security glazing clips

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Spectus Elite 70 PVC-U Residential Door System

Hardware:	Hinges:	SFS Dynamic 2D Hinge
	Locking:	Safeware Vectis Multipoint Locking System. Key locking Vectis Plus handle
	Ancillaries:	Run-up blocks
	Alternative option:	Paddock Lockmaster Multipoint Locking system. Key locking Lever/Lever handle
Hardware Fixings		
Hinges:	Outerframe:	4.8 x 50mm self drill screws
	Sash (from gasket edge):	4.2 x 22mm PVC screws (first two holes) 4.8 x 38mm self drill screws (next two holes) 4.8 x 45mm self drill screws (last two holes)
	Locking:	Sash :

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No. KM 554155

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

This Certificate covers the following residential door system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

Spectus Elite 70 PVC-U Double Door System

Fabricated and installed in accordance with the latest issue of the following controlled manual(s):

Windowbuild BS 7412/PAS 24 Technical Manual

System description

The door assemblies are open in or open out, hinged on frame or mullion side, internally beaded with compliant IGU(s), laminated on one pane or panelled infills, with or without welded midrails, with either standard or mechanically fixed low threshold and of otherwise fully welded construction. Hardware options Safeware Vectis multipoint locking system, key locking Vectis Plus handle and SFS Dynamic 2D hinge or Paddock Lockmaster multipoint locking system with key locking lever/lever handle and SFS Dynamic 2D hinge. Doors are classified as either DK or DKT.

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
Standard Threshold	1925	2232	3	3A	3A	800
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