



Kitemark[®] Licence

No. KM 77061

The licence is granted to:

**Spectus Systems Ltd
Snape Road
Macclesfield
SK10 2NZ
United Kingdom**

In respect of:

**PAS 23-1 and PAS 24-1 System Supplier
General and Enhanced Security Performance Requirements for Door Assemblies.**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Licence Conditions of Contract governing the use of the Kitemark, as may be updated from time to time by The British Standards Institution, and as approved by the Registrar under the Trade Marks Act 1994 (the "Conditions"). All defined terms in this Licence 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 Licence provided at or from the above address.

For and on behalf of BSI:

Gary Fenton, Global Assurance Director

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PAS 23-1 and PAS 24-1 General and enhanced security performance requirements for door assemblies

This Licence covers the following residential door system design specification when fitted with BS EN 1279-2 compliant insulating glass units, laminated on the outer pane. 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 Residential Door System

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

Elite 70 Door Manual (Part No 994732)

System description:

The door assemblies are open in or open out, internally beaded only, with IGU(s) or panelled infill(s), with or without welded midrails (either glass/midrail/panel, panel/midrail/panel, glass/midrail/glass, full panel or full glass) with either standard or mechanically fixed low threshold and of otherwise fully welded construction.

Door Type(s): Single leaf hinged doors

Size Limitations:	Length (up to a maximum of)	Height (including sill) (up to a maximum of)
	950mm	2100mm

Performance Characteristics:

Low threshold

Open in: Up to exposure category 800X as given in Table 1 of PAS 23-1:1999
Open out: Up to exposure category 800 Special as given in Table 1 of PAS 23-1:1999

Standard threshold

Open in: Up to exposure category 2400 as given in Table 1 of PAS 23-1:1999
Open out: Up to exposure category 2400 Special as given in Table 1 of PAS 23-1:1999



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Profiles:	Outerframe:	B07
	Leaf (open in):	B45
	Leaf (open out):	B46
	Midrail:	B24
Reinforcement:	Outerframe:	
	(head, sill & hinge jamb):	BR07S (steel)
	Outerframe:(lock jamb):	reversed BR07S (steel)
	Leaf (head, sill & hinge jamb):	BR24S (steel)
	Leaf (lock jamb):	BPP03 (pre punched steel)
	Leaf (hinge locator strip):	BR42 (aluminium)
	Midrail:	BR24S (steel)
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:	B60
	Glazing gaskets:	PCE profiles and co-ex beads
	Glazing security feature:	GT Products security glazing/panel clips



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Hardware:	Hinges:	Feneseal Nexus 3D 105 hinges
	Locking:	Paddock Lockmaster multipoint locking espagnolette system with anti lift bolts and Paddock high security keeps A key locking lever/lever Hoppe handle Security cylinder 40/50 (35/10/45)
	Ancillaries:	Run-up blocks Door corner brackets (308300)
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 :	M4 x 32mm self drill screws 4.2 x 35mm PVC screws (top and bottom holes) 4.2 x 45mm self drill screws
	High security keeps:	
Ancillaries:	Door corner brackets:	4.8 x 25mm SS Csk PVC screws