



Kitemark[®] Licence

No. KM 514537

The licence is granted to:

**Pioneer Trading Company Essex Ltd
Units 1-3 Red Barn, Warners Farm
Howe Street
Great Waltham
Chelmsford
CM3 1BN
United Kingdom**

In respect of:

BS 7412/PAS24 Windows Fabricator

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

First Issued: 26/07/2007

Latest Issue: 7/12/2012



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Kitemark[®] Licence

No. KM 514537

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

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

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 manual(s):
Synseal Synerjy Technical Manual
Pioneer Trading Company Hardware Combination for PAS 24 & BS 7412
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

Window Types:

Casement 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

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 inc. frame (mm) - Maximum	Exposure category as given in Table 1 of BS 7412:2002
Sash dimensions for windows with approved casement sash profiles:						
Projecting top hung windows	1056	1056	-	24"	-	2000 Special
Projecting side hung windows	571	1156	-	12"	-	2000 Special
Sash dimensions for windows with approved tilt/turn sash profiles:						
Tilt/turn windows Reinforced	1116	1116	-	-	-	1600 Special
Overall dimensions for windows with approved outer frame profiles:						
Fixed windows Reinforced	2500	2500	4.00	-	-	2000 Special
Overall dimensions for windows with approved transom/mullion profiles:						
Multilight windows, RS73 transom/mullion reinforcement	1400	1400	1.82	-	1400	1600 Special
Multilight windows, RS74 transom/mullion reinforcement	2400	2400	3.60	-	1500	1600 Special
Multilight windows, RS74 transom/mullion reinforcement	1400	1400	1.82	-	1400	2000 Special
Multilight windows, RS81 transom/mullion reinforcement	1600	1600	2.56	-	1600	1600 Special

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

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

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 manual(s):
Synseal Shield Technical Manual
Pioneer Trading Company Hardware Combination for PAS 24 & BS 7412
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

Window Types:

Casement 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 Shield 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 inc. frame (mm) - Maximum	Exposure category as given in Table 1 of BS 7412:2002
Sash dimensions for approved casement sash profiles:						
Projecting top hung windows	1056	1056	-	24"	-	2000 Special
Projecting side hung windows	571	1156	-	12"	-	2400 Special
Sash dimensions for approved tilt/turn sash profiles:						
Tilt/turn windows Reinforced	1116	1116	-	-	-	1600 Special
Overall dimensions for approved outer frame profiles:						
Fixed windows Reinforced	2500	2500	4.00	-	-	2000 Special
Overall dimensions for approved transom/mullion profiles:						
Multilight windows, RS73 transom/mullion reinforcement	1400	1400	1.82	-	1400	1600 Special
Multilight windows, RS74 transom/mullion reinforcement	2400	2400	3.60	-	1500	1600 Special
Multilight windows, RS74 transom/mullion reinforcement	1400	1400	1.82	-	1400	2000 Special
Multilight windows, RS81 transom/mullion reinforcement	1600	1600	2.56	-	1600	1600 Special

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