



Kitemark[®] Licence

No. KM 514540

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 Doors 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.

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For and on behalf of BSI:

Gary Fenton, Global Assurance Director

First Issued: 30/07/2007

Latest Issue: 7/12/2012



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Kitemark[®] Licence

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

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

Synseal Extrusions Limited PVC-U Residential Door System

Fabricated and installed in accordance with the latest issue of the following

Synseal Extrusions Limited manual(s):

Pioneer Trading Company Residential Door Manual

Synseal Synerjy Technical Manual

System description:

The door assemblies are glaze in only with IGU(s) only, open in only, with midrails only, with standard threshold only and of fully welded construction.

Synseal Synerjy PVC-U Residential Door System

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
Single leaf hinged doors	900	2100	2	5A	A3	1200

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

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Synseal Shield PVC-U Residential Door System

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

Pioneer Trading Company Residential Door Manual

Synseal Shield Technical Manual

System description:

The door assemblies are glaze in only with IGU(s) only, open in only, with midrails only, with standard threshold only and of 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
Single leaf hinged doors	900	2100	2	5A	A3	1200

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

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