

Kitemark™ Certificate

This is to certify that:

Ian Firth Hardware Ltd
Lady Ann House
Shaw Cross Business Park
Dewsbury
WF12 7RD
United Kingdom

Holds Certificate Number:

KM 647663

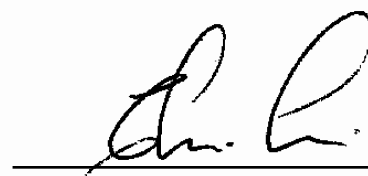
In respect of:

BS 8529 / PAS24
Enhanced Security Composite Door 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:



Chris Lewis - Certification Director, Product Certification

First Issued: 2016-02-05

Latest Issue: 2018-08-22

Effective Date: 2018-08-22

Expiry Date: 2021-08-21



Page: 1 of 3

...making excellence a habit.™

Kitemark™ Certificate

No. KM 647663

BS 8529:2017 / PAS 24:2016 - General and enhanced security performance requirements for Composite 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.

Lake Collection X Range Composite Residential Door System

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

System description

The door assemblies are Xinyu GRP slabs, with either PVC-U extruded outer frames as supplied by either Eurocell or Duraflex, Winkhaus Eco Frame Redwood timber frames. Open in or out, hinged on outer frame or mullion, ODL tri-sys cassette glazed or Auotplas screw-fit glazed laminated on one pane to Class P1A. Door assemblies are classified as D and can include letter plates which comply to the requirements of TS008 Enhanced Security Class 2.

Hardware Options

Lock: Yale YS170, Gridlock E,C, N and P Series, Winkhaus Thunderbolt, Trulock or AV2
Hinges: Mila ProSecure, IFL73.20 Tianbao 3-D adjustable, Fab 'n' Fix Haven, IFL.19/20/21 (Timber frames only) Winkhaus cranked Ball Bearing (EcoFrame and PVC Open Out)
Handles and Cylinders Kitemarked combination achieving a minimum of 3* performance rating.
Threshold: Stormguard aluminium or Standard Welded

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	914	2013	2	1A	A2	800
Single leaf sidelight Double leaf sidelight	1500 1900	2013	2	1A	A2	800
Fanlight	2814	250	2	1A	A2	800

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Page: 2 of 3

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

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No. KM 647663

BS 8529:2017 / PAS 24:2016 - General and enhanced security performance requirements for Composite 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.

Lake Collection N Range Composite Residential Door System

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

System description

The door assemblies are NanYa GRP slabs, with either PVC-U extruded outer frames as supplied by either Eurocell or Duraflex, Winkhaus Eco Frame Redwood timber frames. Open in or out, hinged on outer frame or mullion, ODL tri-sys cassette glazed or Autoplas screw-fit glazed laminated on one pane to Class P1A. Door assemblies are classified as D and can include letter plates which comply to the requirements of TS008 Enhanced Security Class 2.

Hardware Options

Lock: Yale YS170, Gridlock E,C, N and P Series, Winkhaus Thunderbolt, Trulock or AV2.
Hinges: Mila ProSecure, IFL73.20 Tianbao 3-D adjustable, Fab 'n' Fix Haven, IFL.19/20/21 (Timber frames only) Winkhaus cranked Ball Bearing (EcoFrame and PVC Open Out)
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Threshold: Stormguard aluminium or Standard Welded

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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
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