

# Kitemark™ Certificate

This is to certify that:

TruFrame Trade Frames Limited  
Units 3, KLM Hudson Road  
Saxby Road Industrial Estate  
Melton Mowbray  
LE13 1BS  
United Kingdom

Holds Certificate Number:

KM 587165

In respect of:

**BS 7412 / PAS 24**  
**Enhanced Security PVCU Windows 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: 08/04/2015

Latest Issue: 28/09/2016



# Kitemark™ Certificate

No. KM 587165

## **BS 7412:2007 / PAS 24:2012 - General and enhanced security performance requirements for windows.**

This Certificate covers the fabrication of windows from the range of profiles and components supplied by H L Plastics Limited under Certificate Number KM 522039.

<b>System(s):</b>	<b>Liniar Chamfered/Sculptured PVC-U Window System</b>	
<b>Fabrication and Installation:</b>	Fabricated and installed in accordance with the latest issue(s) of the following H L Plastics controlled manual(s):  Liniar PVC-U Window & Door System Fabrication Manual.	
<b>System description:</b>	The windows are double glazed only, internally beaded only, multipoint locking only, with welded and/or mechanically jointed transoms/mullions, tee and/or cruciform joints.	
<b>Ventilation:</b>	None.	
<b>Window Types:</b>	Casement windows	Yale shootbolt with Yale hinges
	Tilt & Turn windows	Gretsch-Unitas gearing
	Welded Flush Sash windows	Yale shootbolt with Yale hinges
	Mechanically jointed Flush Sash windows	Yale shootbolt with Yale hinges
	Fixed windows	
	Multilight windows comprising opening light(s) and/or fixed light(s)	

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To check its validity telephone +44 (0) 345 080 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.

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## Size Limitations and Performance Characteristics

### Liniar Chamfered/Sculptured PVC-U Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m <sup>2</sup> ) - Maximum	Friction Stays (up to and including)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs	1300	1300	-	24"	-	2	7A	3	1200
Projecting side hungs	700	1300	-	16"	-	3	7A	3	1200
Flush sash top hungs	1300	1300	-	24"	-	2	3A	A2	800
Flush sash side hungs	700	1300	-	24"	-	2	3A	A2	800
Tilt & Turn	1400	1400	1.96	-	-	2	6A	3	1200
Overall dimensions for windows with approved outer frame profiles:									
Fixed	3000	3000	6.00	-	-	4	5A	2	800
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights T/M unreinforced	1800	1800	3.24	-	1000	4	7A	2	800
Multilights, LSR021 T/M reinforcement	1800	1800	2.88	-	1600	4	9A	2	800
Multilights, LAR021 T/M reinforcement	2700	2700	3.51	-	1300	2	8A	2	800
Multilights, LSR021 T/M reinforcement	1800	1800	2.88	-	1600	4	E1050	2	800
Multilights, LSR021 T/M reinforcement	2700	2700	4.86	-	1800	4	7A	2	800

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