



Kitemark™ Licence

This is to certify that:

H L Plastics Limited

Flamstead House
Denby Hall Business Park
Denby
DE5 8NN
United Kingdom

Holds Kitemark Licence Number:

KM 522040

In respect of:

BS EN 12608/PAS24 Door System Supplier

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 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: 27/06/2008

Latest Issue: 12/12/2013



No. KM 522040

BS EN 12608:2003 / PAS 24:2012 - General and enhanced security performance requirements for door assemblies.

This Licence 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.

Liniar Chamfered/Sculptured PVC

Fabricated and installed in accordance with the latest issue of the following H L Plastics controlled manual(s): Liniar PVC-U Window & Door System Fabrication Manual.

System description

The door assemblies are Single leaf, with or without coupled or integral side panels, open in only, internally beaded with BS EN 1279-2 compliant IGU(s), laminated on the outer pane only, with welded midrails (glass/midrail/glass) only, with either standard or mechanically fixed low threshold and of otherwise fully welded construction. Doors are classified as DK.

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 (except *)
Door Leaf	905	2110	-	-	-	800*
Overall Doorset	1000	2150	-	-	-	800*

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

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BS EN 12608:2003 / PAS 24:2012 - General and enhanced security performance requirements for door assemblies.

This Licence 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.

Liniar Chamfered/Sculptured PVC-U Residential Door System

Fabricated and installed in accordance with the latest issue of the following H L Plastics controlled manual(s):
Liniar PVC-U Window & Door System Fabrication Manual

System description

The door assemblies are Double Leaf, open out only, internally beaded with BS EN 1279-2 compliant IGU(s), laminated on the outer pane only, with full panel glazing and aluminium low threshold. Doors are classified as DK.

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 (except *)
Door Leaf	850	2005	-	-	-	800*
Overall Doorset	1800	2100	-	-	-	800*

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

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Holds Kitemark Licence Number:

KM 522039

In respect of:

BS EN 12608/PAS24 Windows System Supplier

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 Licence shall have the same meaning as in the Conditions.

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Gary Fenton, Global Assurance Director

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No. KM 522039

BS EN 12608:2003 / PAS 24:2012 - General and enhanced security performance requirements for window assemblies.

This Licence covers the following window 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.

System(s):	Liniar Chamfered/Sculptured PVC-U Window System
Fabrication and Installation:	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
System description:	The windows are double glazed only, internally beaded only, multipoint locking only, with welded and/or mechanically fixed transoms/mullions, tee and/or cruciform joints
Ventilation:	None
Window Types:	Casement windows Fixed windows Multilight windows comprising opening light(s) and/or fixed light(s)

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Components (supplied by H L Plastics Limited unless otherwise indicated)

Linia Chamfered/Sculptured PVC-U Window System

Profile Type	Reference	Reinforcement Reference
57mm Outer Frame	LCW011/LSW011	LSR011
77mm Outer Frame	LCW016/LSW016	LSR016
Outer Frame	LSW012	-
67mm T Transom/Mullion	LCW021/LSW021	LAR021/LSR021
67mm Z Transom/Mullion	LCW022/LSW022	LAR021/LSR021
87mm T Transom/Mullion	LCW026/LSW026	LAR026/LSR026
87mm Z Transom/Mullion	LCW027/LSW027	LAR026/LSR026
75mm T Casement Sash	LCW031/LSW031	LSR031
75mm Z Casement Sash	LCW032	LSR031
T Sash	LSW033	-
Z Sash	LSW032	-
Chamfered Bead	LCW041	
Sculptured Bead	LSW041	

Gaskets and Weatherstrips	Reference
All profiles Co-extruded	-

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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 ²) - 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 6375-1:2004
Projecting top hungs	1300	1300	-	24"	-	2	7A	3	1200
Projecting side hungs	700	1300	-	16"	-	3	7A	3	1200
Fixeds	3000	3000	6.00	-	-	4	5A	2	800
Multilights unreinforced	1800	1800	3.24	-	1000	4	7A	2	800
Multilights, LSR021 T/M reinforcement	1800	1800	2.88	-	1600	4	E1050	2	800
Multilights, LAR021 T/M reinforcement	2700	2700	3.51	-	1300	2	8A	2	800
Multilights, LSR021 T/M reinforcement	2700	2700	4.86	-	1800	4	7A	2	800

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