

Kitemark™ Certificate

This is to certify that:

FrameXpress Limited
Unit A1 - A5
Haybrook Industrial Estate
Halesfield 9
Telford
TF7 4QW
United Kingdom

Holds Certificate Number:

KM 505192

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:

Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2006-06-12

Latest Issue: 2021-02-18

Effective Date: 2021-02-18

Expiry Date: 2024-02-28

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...making excellence a habit.™

Kitemark™ Certificate

No. KM 505192

BS 7412:2007 / PAS 24:2016 - Enhanced security performance requirements for window assemblies.

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Profile 22 Systems under Certificate Number KM 33523.

System(s): **Profile 22 PVC-U Window System**

Fabrication and Installation:

Fabricated and installed in accordance with the latest issue(s) of the following Profile 22 controlled manual(s):

Profile 22 Technical manual

Profile 22 Fully Reversible Window Technical Manual – PN Hinge

Profile 22 Fully Reversible Window Technical Manual – Yale/Grorud Hinge

Profile 22 PVC-U Windows PAS24 Technical Manual

System description: The windows are internally or externally beaded (dependent upon window type), double or triple glazed with BS EN 1279 compliant units laminated on one pane to Class P1A, multipoint locking only, with welded transoms/mullions, tee and/or cruciform joints only. Windows are classified W.

Ventilation:

None

Casement windows

Maco MKI, MKII Shootbolts Maco RAIL Espagnolette including REACH, Yale Croppable and Non-Croppable Espagnolette or Defender Espag coupled with either Staymate 2, Securistyle ASD1 or Cotswold Custodial friction hinges and Staymate 2 or Securistyle ADS1 hinge protectors

Tilt/turn windows

Siegenia gearing and keeps

Top Swing Fully Reversibles

Maco RAIL Espagnolette with either PN or Grorud hinge

Fixed windows

Multilight windows consisting of opening light(s) and/or fixed light(s)

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Kitemark™ Certificate

No. KM 505192

Size Limitations and Performance Characteristics Profile 22 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- 1:2009
Sash dimensions for approved sash profiles:									
Projecting top hungs Reinforced	1235	1235	-	24"	-	2	7A	A5	2000
Projecting side hungs Reinforced	735	1335	-	16"	-	2	7A	CE2400	2400
Tilt/turns Reinforced	917	1515	-	-	-	2	7A	CE2400	2400
Top Swing fully reversible's	1235	1350	-	-	-	4	6A	A5	2000
Overall dimensions with approved outer frame profiles:									
Fixeds Unreinforced	1900	1900	2.09	-	-	2	5A	AE2400	2400
Overall dimensions for approved transom/mullion profiles:									
Multilights, 2243 T/M reinforcement	1800	1800	2.16	-	1200	2	7A	A4	1600
Multilights, 2243 T/M reinforcement	1350	1350	1.76	-	1350	2	7A	AE2400	2400
Multilights, 2243 T/M reinforcement	1650	1650	2.15	-	1650	2	7A	A4	1600
Multilights, 2243 T/M reinforcement	1750	1750	2.28	-	1750	2	7A	A4	1600
Multilights, 2249 T/M reinforcement	1450	1450	1.89	-	1450	2	7A	AE2400	2400
Multilights, 2249 T/M reinforcement	1700	1700	2.21	-	1700	2	7A	A4	1600
Multilights, 2249 T/M reinforcement	1900	1900	2.09	-	1900	2	7A	A4	1600

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Size Limitations and Performance Characteristics (continued) Profile 22 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- 1:2009
Overall dimensions for approved transom/mullion profiles:									
Multilights, 7882 T/M reinforcement	1300	1300	1.69	-	1250	2	7A	AE2400	2400
Multilights, 7882 T/M reinforcement	1350	1350	1.76	-	1350	2	7A	AE2400	2400
Multilights, 7882 T/M reinforcement	1550	1550	2.03	-	1500	2	7A	A4	1600
Multilight, 7883 T/M reinforcement	1300	1300	1.43	-	1100	2	7A	AE2400	2400
Multilight, 7883 T/M reinforcement	1300	1300	1.56	-	1200	2	7A	A4	1600
Multilight, 7883 T/M reinforcement	1450	1450	1.96	-	1450	2	7A	A3	1200
Multilight, BR116S T/M reinforcement	2200	1450	3.19	-	1450	4	6A	A5	2000
Overall dimensions for approved transom/mullion profiles (RCM reinforcement)									
Multilights, 2499 T/M reinforcement	1050	1050	1.1	-	1050	2	7A	AE2400	2400
Multilights 2499 T/M reinforcement	1250	1250	1.56	-	1250	2	7A	A4	1600
Multilights, 2499 T/M reinforcement	1400	1400	1.96	-	1400	2	7A	A3	1200
Multilights, 2583 T/M reinforcement	1000	1000	1	-	1000	2	7A	AE2400	2400
Multilights 2583 T/M reinforcement	1150	1150	1.32	-	1150	2	7A	A4	1600
Multilights 2583 T/M reinforcement	1350	1350	1.82	-	1350	2	7A	A3	1200

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Kitemark™ Certificate

No. KM 505192

BS 7412:2007 / PAS 24:2016 - Enhanced security performance requirements for window assemblies.

This Certificate covers the fabrication of windows from the range of profiles and components supplied by Profile 22 Systems under Certificate Number KM 33523.

Flush Casement, Flush Tilt/Turn and Fully Reversible PVC-U Window System

Fabrication and Installation:

Fabricated and installed in accordance with the latest issue(s) of the following Profile 22 controlled manual(s):
General Manual (Part No TM0016),
Flush Casement Manual (Part No TM 0018)
Flush Tilt/Turn Manual (Part No TM 00222-P)
Fully Reversible Manual (Part No 994736)

System description:

The windows are double or triple glazed, with BS EN 1279 compliant units laminated on one pane to Class P1A, internally beaded or externally beaded casement utilising GT Glazing Clips, multipoint locking only, with welded and/or mechanically fixed transoms/mullions, tee and/or cruciform joints (* dependent on window type).
Windows are classified W.

Ventilation:

None

Window Types:

Flush Casement	Maco MKI, MKII Shootbolts with either Staymate 2, Securistyle ASD1, Securistyle ADS1 hinge protectors. Securistyle Defender or Defender Egress friction hinges.
Flush Tilt/turns	Maco Multi power concealed and face fit gearing or Siegenia AF concealed and face fite gearing.
Fully Reversible	Maco RAIL Espagnolette with either PN, Grorud hinge or Revolution hinge

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Size Limitations and Performance Characteristics

Flush Casement, Flush Tilt/Turn and Fully Reversible 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 6375-1:2009
Vent dimensions for windows with approved sash profiles:									
Flush side hungs	710	1310	-	16	-	3	9A	CE2400	2400
Flush top hungs ¹	1210	1210	-	24	-	3	5A	A5	2000
Flush top hung	1210	910	-	24	-	2	9A	C5	2000
Flush Tilt/Turns	1424	1538	-	-	-	4	8A	AE2400	2400
Top Swing fully reversible's BR130S reinforcement	1235	1350	-	-	-	4	6A	A5	2000
Fully Reversible Revolution hinge	1235	1356	-	-	-	4	E1500	E2400	2400
Fully Reversible BR130 Alum Sash BR116 Mullion	1235	1356	-	-	-	2	8A	B5	2000

¹ Round Corner locking hardware

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