

Kitemark™ Certificate

This is to certify that:

Rehau Limited
Tanygrisiau
Blaenau Ffestiniog
LL41 3RY
United Kingdom

Holds Certificate Number:

KM 13358

In respect of:

BS EN 12608-1
PVC-U Profiles for the fabrication of windows and doors

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:

Shahm Barhom, Group Product Certification Director

First Issued: 1991-11-18

Latest Issue: 2024-06-20

Effective Date: 2024-06-20

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Kitemark™ Certificate

No. KM 13358

BS EN 12608-1:2016+A1:2020 Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors.

This Certificate 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. Profiles extruded at Blaenau Plastics Limited, Tanygrisiau, Blaenau Ffestiniog, LL41 3RY

System(s):	REHAU Total 70 Window System
Material References:	PVC-U: RAU PVC 1406, 0440 Gaskets/ Weatherstrips: TPE, Q-Lon 9107, Fomasil TPE4058, EPDM
Fabrication and Installation:	Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s): REHAU Total 70 Technical and manufacturing manuals and the REHAU Total 70 approved Articles List
Fabrication Options:	Welded or mechanically fixed transoms/mullions, tee and/or cruciform joints
Hardware Options:	Dependent on window type from approved hardware list
Glazing Options:	Double or triple glazed Internally or externally glazed
Ventilation:	None
Window Types:	Projecting windows Flush sash windows Tilt and turn windows Fully reversible windows Horizontally pivoted windows Fixed windows Multilight windows consisting of opening light(s) with or without fixed light(s)

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Kitemark™ Certificate

No. KM 13358

Size Limitations and Performance Characteristics REHAU Total 70 Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Top hungs Unreinforced	1200	1200	-	-	3	E1050	E2400	2400
	1200	600			4	E1050	E2400	2400
Top hungs reinforced	1200	1200	-	-	3	E1050	E2400	2400
	1300	1000			4	E1050	4	1600
Top hungs Flush sash	1250	1250	-	-	4	E1050	E2400	2400
Side hungs Unreinforced	1200	1200	-	-	3	E1050	E2400	2400
	600	1200			4	E1050	E2400	2400
Side hungs reinforced	1200	1200	-	-	3	E1050	E2400	2400
	1000	1300			4	E1000	4	1600
Tilt/Turns Unreinforced	1200	1200	-	-	4	E900	E2400	2400
Tilt/Turns Fully reinforced	1288	1588	-	-	3	7A	3	1600
	1300	1500			4	7A	CE2400	2400
Fully reversibles Unreinforced	1400	1400	-	-	4	E1050	E2400	2400
	1300	1500			4	E1050	AE2400	2400
Horizontal pivots	1460	1460	-	-	-	-	-	2800 Special*

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Size Limitations and Performance Characteristics (continued) REHAU Total 70 Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Fixeds	2400	2400	8000	-	3	9A	5	2000
Multilights - Welded joint 261748 T/M	2440	2440	7320	1220	-	-	-	2400 Special*
Multilights 261948 T/M	1600	1600	5600	1200	-	-	-	2800 Special*
Multilights 261948 T/M	2440	2440	7320	1220	-	-	-	2400 Special*
Multilights - Welded joint 261738 T/M	2500	2500	8180	1590	-	-	-	2000 Special*
Multilights - Mechanical joint 261738 T/M	1800	1800	6800	1800	-	-	-	2400 Special*
Multilights - Welded joint 264454 T/M	2440	2440	7320	1220	-	-	-	2400 Special*
Multilights Fully reinforced	3000	1388	8776	1348	4	E1000	4	1600
Multilights 261748 T/M	1200	1200	4800	1145	2	9A	5	2000
Multilights 287796 T/M	1488	1488	5416	1220	4	E1050	4	2400

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BS EN 12608-1:2016+A1:2020 Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors.

This Certificate 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. Profiles extruded at Blaenau Plastics Limited, Tanygrisiau, Blaenau Ffestiniog, LL41 3RY

System(s): REHAU S 719 (Heritage) Tilt Sash Vertically Sliding PVC-U Window System

Material References: **PVC-U:** RAU PVC 1406, 0440
Gaskets/ Weatherstrips: TPE, Q-Lon 9107, Fomasil TPE4058, EPDM

Fabrication and Installation: Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s):
REHAU S 719 Technical and manufacturing manuals and the REHAU S719 approved Articles List

Fabrication Options: Welded or mechanically fixed transoms/mullions, tee and/or cruciform joints

Hardware Options: Multipoint locking

Glazing Options: Double or triple glazed
Internally glazed

Ventilation: None

Window Types: Vertically sliding Windows

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Size Limitations and Performance Characteristics REHAU S 719 Tilt Sash Vertically Sliding PVC-U Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Vertical Sliders	1120	1850	-	-	2	E750	5	2000

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System(s): REHAU GENE0 Window System

Material References: **PVC-U:** RAU PVC 1406, 0440
Gaskets/ Weatherstrips: TPE, Q-Lon 9107, Fomasil TPE4058, EPDM

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

REHAU GENE0 Technical and manufacturing manuals and the REHAU GENE0 approved Articles List

Fabrication Options: Welded or transoms/mullions, tee and/or cruciform joints

Hardware Options: Multipoint locking

Glazing Options: Double or triple glazed
Internally glazed

Ventilation: None

Window Types: Tilt/Turn Window
Fixed Window

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Size Limitations and Performance Characteristics REHAU GENE0 PVC-U Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Tilt/Turn	1400	1400	-	-	4	9A	E2400	2400
Fixed	1400	1400	3740	-	4	9A	E2400	2400

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System(s):	REHAU Nordic Plus Window System
Material References:	PVC-U: RAU PVC 1406, 0440 Gaskets/ Weatherstrips: TPE, Q-Lon 9107, Fomasil TPE4058, EPDM
Fabrication and Installation:	Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s): REHAU Nordic Plus Technical and manufacturing manuals and the REHAU Nordic Plus approved Articles List
Fabrication Options:	Welded or transoms/mullions, tee and/or cruciform joints
Hardware Options:	Multipoint locking
Glazing Options:	Double or triple glazed Internally glazed
Ventilation:	None
Window Types:	Projecting windows Fixed windows Multilight windows consisting of opening light(s) with or without fixed light(s)

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Size Limitations and Performance Characteristics REHAU Nordic Plus PVC-U Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Side hung	860	1545	-	-	4	9A	E2400	2400
Fixed	1545	1545	4810	-	4	9A	E2400	2400
Multilights T/M 534021	1800	1600	-	1545	4	9A	E2400	2400

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System(s): REHAU Calibre Window System

Material References: **PVC-U: RAU PVC 1406, 0440**
Gaskets/ Weatherstrips: TPE, Q-Lon 9107, Fomasil TPE4058, EPDM

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

REHAU Calibre Technical and manufacturing manuals and the REHAU Calibre approved Articles List

System description: The windows are double or triple glazed, internally beaded, multipoint locking, with welded transoms/mullions, tee and/or cruciform joints

Ventilation: None

Window Types: Projecting windows including Flush Sash
Fixed windows
Multilight windows consisting of opening light(s) with or without fixed light(s)

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Size Limitations and Performance Characteristics REHAU Calibre Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Projecting top hungs	1200	560	-	-	4	8A	C5	2000
Top hungs Flush Sash	1200	560	-	-	4	8A	C5	2000
Projecting side hungs	560	1200	-	-	4	8A	C5	2000
Side hungs flush Sash	560	1200	-	-	4	8A	C5	2000
Fixeds	1200	1200	3520	-	4	8A	C5	2000
Multilights 216510 reinforced	1200	1200	4690	1145	4	8A	C5	2000

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System(s): REHAU Tritec- 60mm Window and Door System

Material References: **PVC-U:** RAU PVC 1406, 0440
Gaskets/ Weatherstrips: TPE, Q-Lon 9107, Fomasil TPE4058, EPDM

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

REHAU Tritec 60mm Window System Technical Manual and the REHAU Tritec approved Articles List

Fabrication Options: Welded or mechanically fixed transoms/mullions, tee and/or cruciform joints

Hardware Options: Single or multipoint locking (dependent on window type)

Glazing Options: Double glazed only
Internally or externally glazed (dependent on window type)

Ventilation: None

Window Types: Projecting windows
Tilt and turn windows
Fixed windows
Multilight windows consisting of opening light(s) with or without fixed light(s)

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No. KM 13358

Size Limitations and Performance Characteristics REHAU Tritec-Style 60mm Window and Door System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Top hungs Part reinforced	900	1270	-	-	-	-	-	2400 Special*
Top hungs Part reinforced	1200	1270	-	-	-	-	-	2400 Special*
Top hungs reinforced	1394	1000	-	-	4	E750	4	1600
Top hungs Unreinforced	1200	600	-	-	4	9A	E2400	2400
Side hungs* Part reinforced	900	1270	-	-	-	-	-	2400 special
Side hungs* Fully reinforced	900	1600	-	-	-	-	-	2400 special
Side hungs reinforced	1000	1394	-	-	4	E750	4	1600
Side hungs Unreinforced	600	1200	-	-	4	9A	E2400	2400
Tilt/turns reinforced	1068	1368	-	-	2	5A	4	1600
Tilt/turns reinforced	1220	1220	-	-	4	8	E2400	2400
Fixed	3000	3000	10000	-	3	9A	5	2000
Multilight* Unreinforced	2630	2630	7660	1200	-	-	-	2000 Special

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Size Limitations and Performance Characteristics REHAU S 703 Tritec-Style 60mm Window and Door System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Multilights 233721 reinforced	2630	2630	7660	1200	-	-	-	2000 Special*
Multilights 233711 reinforced	3000	3000	8400	1200	-	-	-	1600 Special*
Multilights 233641 reinforced	3000	3000	9200	1600	-	-	-	1600 Special*
Multilights 250219 reinforced	1500	1500	5500	1250	-	-	-	2400 Special*
Multilights 287798 reinforced	2700	2700	8136	1368	2	5A	4	1600
Multilight 287798 reinforced	1200	1200	4800	1200	4	9A	E2400	2400

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System(s): REHAU Tritec- 60mm Window and Door System

Material References: **PVC-U:** RAU PVC 1406, 0440
Gaskets/ Weatherstrips: Vitaprene TPE, Q-Lon 9107, Fomasil TPE4058, Savatach EPDM, Trelleborg Co-extruded Cellular

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

REHAU Tritec 60mm Window System Technical Manual and the REHAU S703 approved Articles List

Fabrication Options: Welded or mechanically fixed transoms/mullions, tee and/or cruciform joints

Hardware Options: Single or multipoint locking (dependent on window type)

Glazing Options: Double glazed only
Internally or externally glazed (dependent on window type)

Ventilation: None

Window Types: Projecting windows
Tilt and turn windows
Fixed windows
Multilight windows consisting of opening light(s) with or without fixed light(s)

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Size Limitations and Performance Characteristics REHAU Tritec-Style 60mm Window and Door System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Top hungs Part reinforced	900	1270	-	-	-	-	-	2400 Special*
Top hungs Part reinforced	1200	1270	-	-	-	-	-	2400 Special*
Top hungs reinforced	1394	1000	-	-	4	E750	4	1600
Top hungs Unreinforced	1200	600	-	-	4	9A	E2400	2400
Side hungs* Part reinforced	900	1270	-	-	-	-	-	2400 special
Side hungs* Fully reinforced	900	1600	-	-	-	-	-	2400 special
Side hungs reinforced	1000	1394	-	-	4	E750	4	1600
Side hungs Unreinforced	600	1200	-	-	4	9A	E2400	2400
Tilt/turns reinforced	1068	1368	-	-	2	5A	4	1600
Tilt/turns reinforced	1220	1220	-	-	4	8	E2400	2400
Fixed	3000	3000	10000	-	3	9A	5	2000
Multilight* Unreinforced	2630	2630	7660	1200	-	-	-	2000 Special

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Size Limitations and Performance Characteristics REHAU Tritec-Style 60mm Window and Door System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Multilights 233721 reinforced	2630	2630	7660	1200	-	-	-	2000 Special*
Multilights 233711 reinforced	3000	3000	8400	1200	-	-	-	1600 Special*
Multilights 233641 reinforced	3000	3000	9200	1600	-	-	-	1600 Special*
Multilights 250219 reinforced	1500	1500	5500	1250	-	-	-	2400 Special*
Multilights 287798 reinforced	2700	2700	8136	1368	2	5A	4	1600
Multilight 287798 reinforced	1200	1200	4800	1200	4	9A	E2400	2400

First Issued: 1991-11-18
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Effective Date: 2024-06-20
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Kitemark™ Certificate

No. KM 13358

BS EN 12608-1:2016+A1:2020 Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors.

This Certificate 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. Profiles extruded at Blaenau Plastics Limited, Tanygrisiau, Blaenau Ffestiniog, LL41 3RY

System(s): Rio Flush Window System

Material References: **PVC-U:** RAU PVC 1406, 0440
Gaskets/ Weatherstrips: TPE, Q-Lon 9107, Fomasil TPE4058, EPDM

Fabrication and Installation: Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s):
Rio Flush Technical and manufacturing manuals and the Rio Flush approved Articles List

Fabrication Options: Welded or mechanically fixed transoms/mullions, tee and/or cruciform joints

Hardware Options: Dependent on window type from approved hardware list

Glazing Options: Double glazed
Internally glazed

Ventilation: None

Window Types: Flush sash windows

Classification for Operational Strength (BS 6375 Part 2)

Operating Forces	Class 1
Resistance to Static torsion	Class 3
Racking	Class 3
Load bearing	N/A
Impact Resistance	Class 0
Repeated Opening and closing	Class 2

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Kitemark™ Certificate

No. KM 13358

Rio Flush Window System Size Limitations and Performance Characteristics

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	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
Top hungs	1200	1200	4800	-	4	E1050	CE2400	2400
Side hungs	600	1200	3600	-	4	E1050	CE2400	2400

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