

## Kitemark™ Certificate

This is to certify that:

Rehau Limited  
Hill Court  
Walford  
Ross-on-Wye  
HR9 5QN  
United Kingdom

Holds Certificate Number:

KM 76189

In respect of:

**BS EN 12608 / PAS24**  
**PVCU Profile - Enhanced Security 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 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: 2005-06-14

Latest Issue: 2018-03-08

Effective Date: 2018-03-08

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...making excellence a habit.™

# Kitemark™ Certificate

No. KM 76189

## **BS EN 12608:2016 / PAS 24:2016 - General and enhanced security performance Requirements for window assemblies**

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.

<b>System(s):</b>	<b>REHAU Total 70 Internally/Externally Glazed Casement/Tilt Turn Window System</b>	
<b>Fabrication and Installation:</b>	Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s):  REHAU Technical Manual REHAU Total 70 Window System PAS 24 Manufacturing Specification	
<b>Fabrication Options:</b>	Welded or mechanically fixed transoms/mullions, tee and/or cruciform joints and are classified W.	
<b>Hardware Options:</b>	Multipoint locking only	
<b>Glazing Options:</b>	Double or triple glazed only Internally or externally beaded	
<b>Ventilation:</b>	None	
<b>Window Types:</b>	Casement windows	Maco RAIL, M-SPAG or Yale Encloser twin cam or shootbolt or DGS Elite twin cam or Roto TSL espag locking with Secuistyle Defender or EDS HT or Yale F2, or Cotswold or greenteQ Delta or DGS Elite Friction Stays
	Tilt/turn windows	Maco or Siegenia tilt/turn gearing
	Fully reversibles	MACO RAIL with Peder Nelson hinges.
	Fixed windows	
	Multilight windows consisting of opening light(s) and/or fixed light(s)	

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# Kitemark™ Certificate

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## Size Limitations and Performance Characteristics

### REHAU Total 70 Internally/Externally Glazed Casement/Tilt Turn Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - 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 (except *)
Top hungs Unreinforced	1200 1200	1200 600	-	24"	-	3 4	E1050 E1050	E2400 E2400	2400 2400
Top hungs Reinforced	1200 1300	1200 1000	-		-	3 4	E1050 E1050	E2400 4	2400 1600
Side hungs Unreinforced	1200 600	1200 1200	-	24"	-	3 4	E1050 E1050	E2400 E2400	2400 2400
Side hungs Reinforced	1200 1000	1200 1300	-		-	3 4	E1050 E1000	E2400 4	2400 1600
Tilt/Turns Unreinforced	1200	1200	-	-	-	4	E900	E2400	2400
Tilt/Turn Reinforced	1288	1588	-			3	7A	3	1600
Fixeds Reinforced	2400	2400	3.84	-	-	3	9A	5	2000
Fully reversible Reinforced	1400	1400	-	-	-	4	E1050	E2400	2400
Multilight casements Reinforced	2400	2400	2.98	-	1350	-	-	-	2000 Special*
Multilight tilt/turns Reinforced	2500	2500	3.98	-	1500	-	-	-	2800 Special*

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## BS EN 12608:2016 / PAS 24:2016 - General and enhanced security performance requirements for window assemblies

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.

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

**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 Windows are classified as W

**Hardware Options:** Multipoint locking

**Glazing Options:** Double or Triple glazed  
Internally glazed

**Ventilation:** None

**Window Types:** Vertically sliding Windows Caldwell hardware

### Size Limitations and Performance Characteristics

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - 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 (except *)
Vertical Sliders	1120	1850	-	-	-	2	E750	5	2000

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## BS EN 12608:2016 / PAS 24:2016 - General and enhanced security performance requirements for window assemblies

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.

**System(s):** REHAU GENE0 PVC-U Window System

**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 transoms/mullions, tee and/or cruciform joints. Windows are classified as W.

**Hardware Options:** Multipoint locking

**Glazing Options:** Double or triple glazed  
Internally glazed

**Ventilation:** None

**Window Types:** Tilt/Turn Windows Roto and Maco Face Fit and Concealed Gearing  
Fixed Windows

### Size Limitations and Performance Characteristics

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - 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 (except *)
Tilt/Turn	1400	1400	-	-	-	4	9A	E2400	2400
Fixed	470	1400	.66	-	-	4	9A	E2400	2400

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## **BS EN 12608:2016 / PAS 24:2016 - General and enhanced security performance requirements for window assemblies**

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.

<b>System(s):</b>	<b>REHAU Nordic Plus PVC-U Window System</b>
<b>Fabrication and Installation:</b>	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
<b>Fabrication Options:</b>	Welded transoms/mullions, tee and/or cruciform joints. Windows are classified as W.
<b>Hardware Options:</b>	Multipoint locking
<b>Glazing Options:</b>	Double or triple glazed Internally glazed
<b>Ventilation:</b>	None
<b>Window Types:</b>	Top Hung windows      Siegenia Aubi Locking IPA Hinges and hinge protectors  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	Area (m2) - 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 (except *)
Side Hung	860	1545	-	16"	-	4	9A	E2400	2400
Fixed	1545	1545	1.32	-	-	4	9A	E2400	2400
Multilights T/M 534021	1800	1600	-	-	1545	4	9A	E2400	2400

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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.

### **Calibre PVC-U Window System**

<b>Fabrication and Installation:</b>	Fabricated and installed in accordance with the latest issue(s) of the following REHAU Limited controlled manual(s):  REHAU Calibre Technical and manufacturing manuals and the REHAU Calibre approved Articles List
<b>System description:</b>	The windows are double or triple glazed, internally beaded, multipoint locking, with welded transoms/mullions, tee and/or cruciform joints. Windows are classified as W.
<b>Ventilation:</b>	None
<b>Window Types:</b>	Casement windows including Flush Sash Fixed windows Multilight windows comprising opening light(s) and/or fixed light(s)  DGS Elite Hinges and Maco Locking System

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## Size Limitations and Performance Characteristics Calibre 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 BS 6375-1:2009
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs Reinforced	1200	560	-	12"	-	4	8A	C5	2000
Top hungs Flush Sash Reinforced	1200	560	-	12"	-	4	8A	C5	2000
Projecting side hungs Reinforced	560	1200	-	16"	-	4	8A	C5	2000
Side hungs Flush Sash Reinforced	560	1200	-	16"	-	4	8A	C5	2000
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Reinforced	1200	1200	1.44	-	-	4	8A	C5	2000
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights 216510 reinforced	1200	1200	1.44	-	1145	4	8A	C5	2000

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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.

**System(s):** **REHAU Tritec 60mm Internally/Externally Glazed Casement/Tilt Turn Window System**

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

REHAU Technical Manual  
REHAU Tritec 60mm Window System PAS 24 Manufacturing Specification

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

**Hardware Options:** Multipoint locking only

**Glazing Options:** Double glazed only  
Internally or externally beaded

**Ventilation:** None

**Window Types:**

Top Hung windows	Securistyle and Maco Locking with Securistyle hinges and Vector Excluder hinge protectors
Side Hung Windows	
Tilt/turn windows	Siegenia Face Fit or Concealed gearing
Fixed windows	
Multilight windows consisting of opening light(s) and/or fixed light(s)	

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## Size Limitations and Performance Characteristics REHAU Tritec 60mm Internally/Externally Glazed Casement/Tilt Turn Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - 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 (except *)
Top hungs Reinforced	1200	1280	-	24"					2400 Special*
Top hungs Reinforced	1394	1000	-	24"	-	4	E750	4	1600
Side hungs Reinforced	700	1350	-	16"					2400 Special*
Side hungs Reinforced	1000	1394	-	16"	-	4	E750	4	1600
Tilt/turns Reinforced	1250	1250	-	-	-	-	-	-	2400 Special*
Tilt/Turns Reinforced	1220	1220	-	16"	-	4	8	E2400	2400
Fixeds Reinforced	3000	3000	6	-	-	-	-	-	2400 Special*
Multilights Reinforced	3000	3000	6	-	1350	-	-	-	1600 Special*
Multilights tilt/turn Reinforced	3000	3000	4.8	-	1250	-	-	-	2400 Special*
Multilights 287798 reinforced	2700	2700	3.5	-	1394	2	5A	4	1600
Multilight 287798 reinforced	1200	1200	-	-	1200	4	9A	E2400	2400

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