



climatec
windows limited

SPECIFICATION SHEET

- APPROVALS & ACCREDITATIONS INCLUDING SECURED BY DESIGN & ENERGY RATED WINDOWS

✓ SECURITY CONSCIOUS

✓ ENERGY EFFICIENT

Energy Window	
Climatec Windows Ltd PVC U Multilight Casement Window Climatec Classic A Window	
	A
Energy Index (kWh/m ² /year) <small>(Energy Index certified by BIFRC and based on UK standard window. The actual energy consumption for a specific application will depend on the building, the local climate and the indoor temperature)</small>	0
The climate zone is:	UK
Thermal Transmittance (U _{window})	1.4 W/m ² .K
Solar Factor (g _{window})	0.45
Effective Air Leakage (L _{accu})	0.00 W/m ² .K
	Reg. No.: 1363 M244 www.bifrc.org
<small>This label is not a statutory requirement. It is a voluntary label provided as a customer service to allow consumers to make informed decisions on the energy performance of competing products.</small>	

Secured by Design



Official Police Security Initiative



WINDOWS, DOORS & CONSERVATORIES OF DISTINCTION

Climatec's windows and doors can now be specified and ordered to Secured by Design approval, offering customers security and peace of mind.

Our windows and doors have been awarded the Secured by Design certificate and are now recognised as 'Police Preferred Specification' products. This flagship initiative was launched by UK Police to support the principles of "designing out crime" by use of effective crime prevention and security standards for a range of applications.

Our products were assessed by UKAS approved test houses, commissioned to identify technical standards and evaluations which determine the competence of security products and their resistance to criminal attack.



Single Residential Door Specification:

- Internally Beaded
- Standard Reinforcing
- Flag Hinges 3 No
- Fuhr 2 Hook Lock
- Anti Bump Cylinder
- Yale Security Handles
- 52mm Bottom O/Frame
- Welded Mid-Rails / Mullions
- Low-Line Gaskets
- Ogee Beading

REHAU S706 70MM DOOR SYSTEM

Successfully tested and certificated to:-

PAS23-1: 1999 General performance requirements for door assemblies -Part 1: Single leaf, external door assemblies to dwellings.

PAS24-1: 1999 Enhanced security performance requirements for door assemblies -Part 1: Single leaf, external door assemblies to dwellings.

BM Trada Licence 050/021 Certificate No. 012

Casement Window Specification:

- Internally Beaded
- Frame All Sides Reinforcement
- Maco Shootbolts
- Maxim Handles
- Nico Hinges c/w Nico X-tra Bolts
or
Securistyle Hinges c/w Excluder Bolts
- Low-Line Gaskets
- Ogee Beading
- Welded Transoms / Mullions

REHAU S706 70MM MULTI-LIGHT CASEMENT WINDOW SYSTEM REHAU S706 70MM PVCU TILT/TURN WINDOW SYSTEM

Successfully tested and certificated to standards as outlined below:-

BS7950: 1997 Specification for enhanced security performance of Casement and Tilt/Turn Windows for domestic applications, supported by BS7412

BM Trada Licence 049/013 Certificate No 012/013

Tilt/Turn Window Specification:

- Internally Beaded
- Fully Reinforced
- Winkhaus Topstar Auto Pilot Concealed Gearing
- Low-Line Gaskets
- Ogee Beading
- Welded Transoms / Mullions

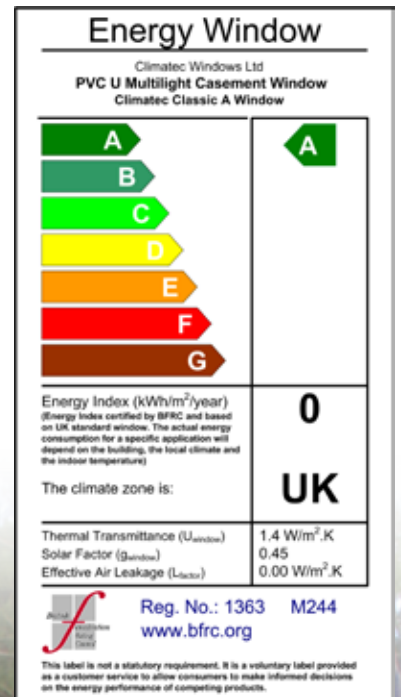


Official Police Security Initiative

Climatec Windows are now offering energy rated windows under the BFRC Rating Scheme

At Climatec Windows we can now offer you a choice of 6 window schemes that are now BFRC Rated. These relate to the REHAU S706 and REHAU Edge profiles, shown below as Classic and Contour:-

Window Type	BFRC Rating Band	U-Value
Classic	A	1.4
Contour	A	1.4
Classic	B	1.5
Contour	B	1.5
Classic	C	1.6
Contour	C	1.6



A RATING - ECO CLASSIC/CONTOUR

- REHAU S706 / Edge PVCu frame system with full reinforcement
- 4-20-4 Low E 0.04 uncorrected emissivity
- Inner pane (Saint Gobain Planitherm Total)
- 90% Argon Gas, 10% Air Filled
- Low Iron outer pane (Saint Gobain Daimant)
- Swiss spacer V spacer bar with 3mm Polyurethane secondary seal

B RATING - ECO CLASSIC/CONTOUR

- REHAU S706 / Edge PVCu frame system with full reinforcement
- 4-20-4 Low E 0.04 uncorrected emissivity
- Inner pane (Saint Gobain Planitherm Total)
- 90% Argon Gas, 10% Air Filled
- Float outer pane (Planilux)
- Swiss spacer V spacer bar with 4.5mm Polyurethane secondary seal

C RATING - ECO CLASSIC/CONTOUR

- REHAU S706 / Edge PVCu frame system with full reinforcement
- 4-20-4 Low E 0.04 uncorrected emissivity
- Inner pane (Saint Gobain Planitherm Total)
- 100% Air Filled
- Float outer pane (Planilux)
- Aluminium spacer bar with 4.5mm Polyurethane secondary seal

COMING SOON FOR 2009

- Energy Rating 'C' for Vertical Sliding Windows

- Secured By Design Approval for French Doors

- Secured By Design Approval for Vertical Sliders

ISO 9001:2000 is the internationally recognised standard for an organisation's Quality Management System, which promotes excellence in every aspect of corporate procedures. Re-assessment is conducted on a regular basis to ensure the company maintains the high quality levels associated with this respected standard.



The British Board of Agreement (BBA) is the authority in control of the certification and maintenance of standards for products used throughout the building and construction industries. BBA certification indicates the suitability and quality of components, materials or fabrications within a given life expectancy. The assessment ensures that a PVCu window system is made to designated high standards, using quality components and to an approved production method. The resulting system is laboratory tested for strength and colour fastness to a stringent British standard.



BS 7412:2002 specification for plastic windows made from PVCu extruded hollow profiles. This specification covers the construction of the window, security, safety operation, weather performance, and strength performance. The requirements of BS6375 for weather performance are now incorporated within this British Standard. When people refer to a window having the kitemark, it is this standard they are talking about.



BS 7950:1997 Specification for enhanced security performance of casement and tilt/turn windows for domestic applications (formerly PAS011). This specification deals with the enhanced security performance of casement and tilt/turn windows for domestic applications. In most cases other characteristics will also require consideration, for example, safety, means of escape, weather-tightness and mechanical performance.



PAS 23-24 Enhanced Security for Doors. This standard covers the security testing and performance of residential doors. As with the windows, the certificate is granted only on the basis that the PVCu profiles, screw fixings and hardware collectively meet the requirements of the standard and the doors are fabricated in accordance with the systems companies fabrication manuals.



FENSA (Fenestration Self-Assessment Scheme) was set up by the Glass and Glazing Federation (GGF), with government approval, in response to the new Building Regulations for England and Wales. From 1 April 2002, all replacement glazing in dwellings will come within the scope of the Building Regulations. From then on, anyone who installs replacement windows or doors will have to comply with improved thermal performance standards. When having their windows and doors replaced from this date, homeowners must ensure that they get a certificate from Local Authority Building Control or have the work completed by a FENSA registered company. One of the main reasons for this change to the Building Regulations is the need to reduce energy loss.



The BM TRADA BFRC Rating Certification Scheme allows manufacturers to apply to use the energy rating label on their products. Conventional approaches (such as setting a glass or window U-value) simply assess how much energy a window loses. They do not take into account how much energy a window can gain. The total energy flow in a window consists of three major components - Thermal transmittance (U-value), Solar factor (g-value) and Air Leakage (L50). The British Fenestration Ratings Council (BFRC) has devised a Window Rating equation based on values for these components. The rating is expressed as a number. The rating is converted into a grade between A and G (with A being the most energy efficient).



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