



REHAU

HOME GUARD™



HomeGuard Security & Performance with REHAU Quality



REHAU

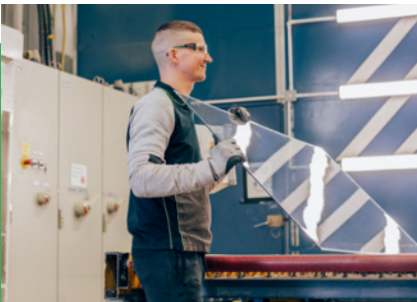
HOME GUARD™

When thinking of improving, extending or building your home, **Tradecentres** range of Windows, Doors and Conservatories are a perfect choice. Our range of products have a strong rigid composition, excellent weathering capabilities, accredited high security, and the added bonus of our standard 'A' Rated Energy Efficiency as verified by the BFRC.



Operating from our trade/retail and showroom premises at 24-26 Hawkins Lane your Windows & Doors are manufactured using the very latest production lines attaining the highest industry quality standards.

The multi-million-pound investment in manufacturing facilities ensures frames are produced to meet the relevant British Standards & Building Regulations. Your new windows and doors are fabricated by trade only fabricator Tradelink Direct, of whom our trading relationship has stretched over ten years, and Clayton Glass who independently distribute nationally through a network of Trade Supply Wholesale outlets.



SECURITY AND PEACE OF MIND COME AS STANDARD

We take quality, security and energy efficiency seriously.
We are proud that our standards are endorsed by all
the relevant industry bodies.

We understand that your home is probably the single largest investment you will make, so any additions and improvements should come with complete peace of mind. With HomeGuard, you have the reassurance that you're buying from a company that's constantly raising the standard in home improvement design and quality.

Our windows and doors are not only accredited by all the relevant industry bodies and glazing associations, but in many cases we exceed industry standards of quality and excellence.



STYLE YOUR HOME WITH CASEMENT WINDOWS



Casement windows are the most popular style of replacement window in the UK.

A popular choice

An extremely versatile window that offers both chamfered and sculptured options, and a range of colours that will suit all styles of home ensuring you can make a real statement. [See page 7](#)

Featuring fixed panes, top opening fanlights and side opening lights, casement windows can be combined to create an almost limitless range of styles.

With many additional features such as decorative glass, clip-on georgian bars and run-through sash horns, casement windows can be tailored to your specific requirements. With so much choice, you can be sure that your new windows will make your home complete.



Noise
reduction



Enhanced
security



Low
maintenance



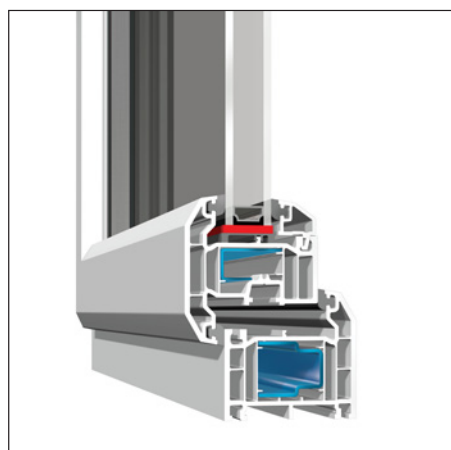
Energy
efficient



Weather
performance

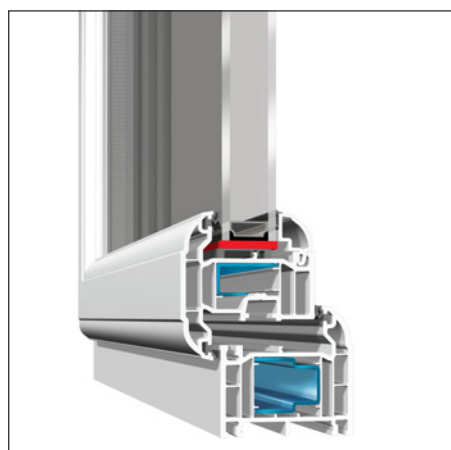


Quality and
Performance



HOMEGUARD CHAMFERED

The chamfered shape is perfect for upgrading Aluminium or timber windows and early generation UPVC Windows & Doors.



HOMEGUARD SCULPTURED

The sculptured casement window has a curved shape which looks good in all types of property.

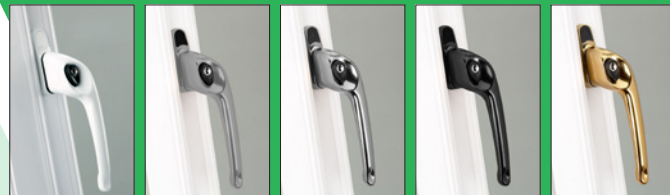


HOMEGAURD LOCKING

Homeguard locking hardware components have been purpose designed and selected to ensure the finished products performance can surpass all standards laid down for enhanced security and are also durable, long lasting and pleasing to the eye.



THE FINISHING TOUCH



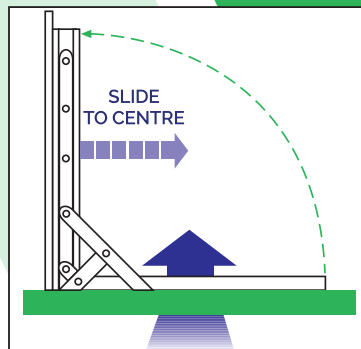
Key Locking coloured handles are available at no extra cost in White, Satin Silver, Chrome, Gold & Black

**NEW COLOURS AVAILABLE
2025**



MULTI-CHAMBER SYSTEM

Multi-chamber system for improved thermal efficiency without compromising on structural capability with the use of steel reinforcement where required to larger reinforcement chambers.



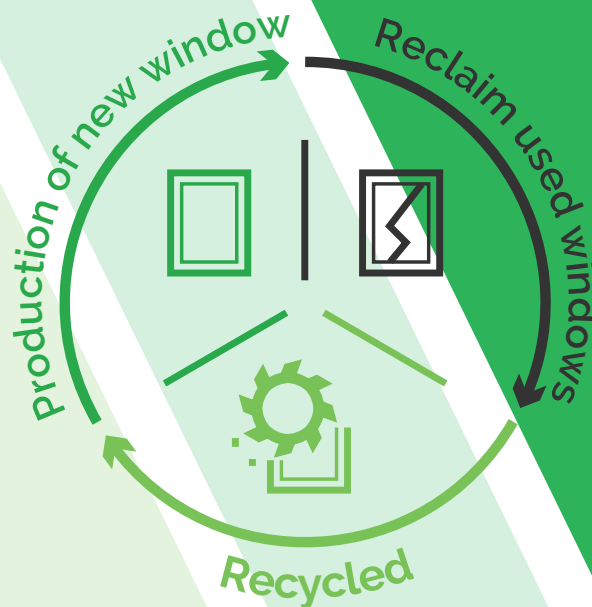
All side opening sash's are fitted with 90 degree, easy clean hinges as standard at no extra cost.

The sash will open to 90 degrees and also slide to the Centre for cleaning & maintenance.

Excellent sustainability

As a manufacturer, we are conscious of the impact our actions have on people and the environment. The use of recycled materials is one of our strategic objectives.

By making our own processes more efficient and creating new opportunities for recycling, our aim is to make it as easy as possible for everyone to make the choice of using recycled products.



ENTRANCE DOORS & FRENCH DOORS

For a Beautiful looking door that combines energy efficiency & high security, our PVCu & Composite entrance doors are the perfect choice.

They are made with energy efficient frames and accredited high security, ensuring your home and family are protected from the elements and intruders.

COMPOSITE DOORS

All the beauty & looks of a timber door without the maintenance.

Our composite doors come in a wide range of designs & colours to suit homes of all styles & ages. They feature a timber effect while using modern and stronger materials making a more secure & energy efficient door.

Ask for our separate brochure



PVCU DOORS

PVCu doors offer a range of styles whether you are looking for a glazed door, a uPVC panel door or a stable door.

They can all accommodate the latest high performance handles, hinges and locking mechanisms making your REHAU door safe and secure. **Ask for our separate brochure**

FRENCH DOORS

French door manufactured from REHAU & HomeGuard

REHAU French Doors are a charming addition to the HomeGuard door range. Designed to open into a room or on to a patio or balcony, they add great ventilation and allow unrestricted access to the garden and home.

Offering all the benefits of modern PVCu, the REHAU French Door is available as open-in or open-out styles and with equal or non-equal split glass panes. Additional features such as Astragal or Georgian bars & Leading offers more choices.



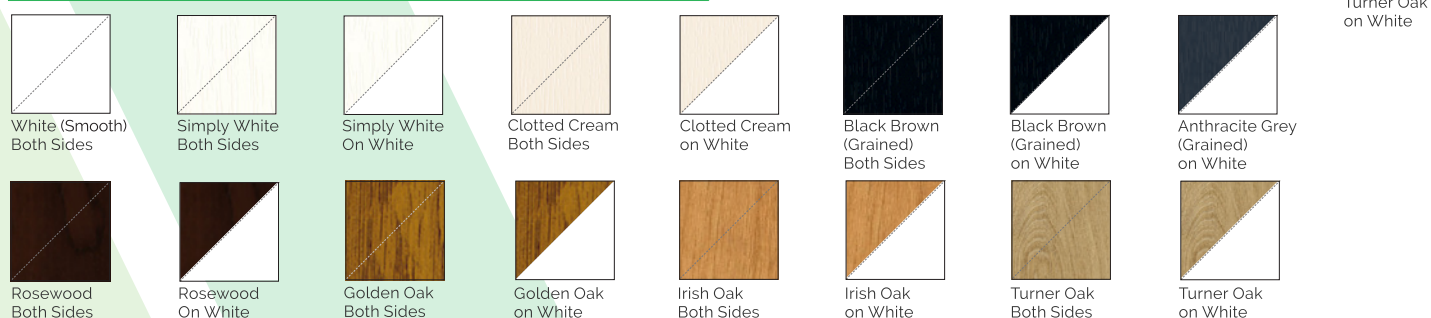
WELCOME TO A WORLD OF FOILED COLOUR



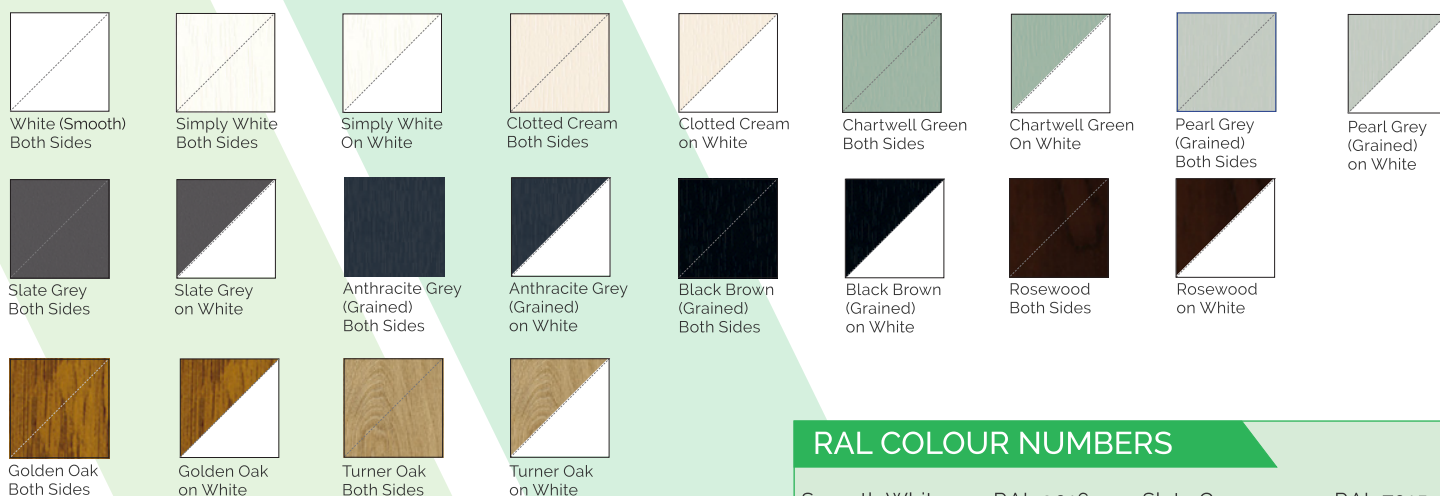
CHAMFERED PROFILE



SCULPTURED PROFILE



RIO / RIOS PROFILE



The substrate is the main part of the frame and forms the inner rebate area (this part is visually seen when a sash is opened) and is usually white when using light coloured foils. Grey substrate is generally used for the Grey colour foils.

The darker colour foils have a brown substrate, then lastly, the light "wood" foils use an acorn coloured finished substrate.

RAL COLOUR NUMBERS

Smooth White	RAL 9016	Slate Grey	RAL 7015
Simple White	RAL 9010	Elephant Grey	RAL 7001
Clotted Cream	RAL 9001	Mahogany	N/A
Black Brown	RAL 8022	Rosewood	RAL 8015
Midnight Black	N/A	Golden Oak	RAL 8001
Anthracite Grey	RAL 7016	Irish Oak	RAL 1011
Pearl Grey	RAL 7038	Turner Oak	N/A

ALUMINIUM BI-FOLDING DOORS

EXPERTLY ENGINEERED

Our expertly engineered Bi-Folding doors exude the same quality in their function as they do in design, with an exclusive roller system that delivers an effortlessly smooth glide every time. A unique, pivoting axle in the rollers allows the wheels to follow any undulations in the stainless-steel tracks underneath.

Combined with sealed bearings in the stainless-steel wheels and lateral rollers, the doors will glide effortlessly and smoothly for years to come.

The doors also feature additional security in the form of a shoot-bolt handle that cannot be forced open from the outside. This is down to an innovative anti back-drive feature that is designed into it. Please note it is also impossible to turn the handle at all while the key is still in the lock, meaning there is no risk of accidentally opening or damaging the doors as a result of the key remaining in place.

All of the door profile sections incorporate 'smart thermal technology' featuring polyamide thermal breaks, so our Bi-Folding doors have been designed and manufactured to keep heat in and the cold out.

The quality graded materials used along with high precision fabrication tolerances and specially designed and patented clip glazing bead technology allows the glass to be installed or replaced in a matter of minutes unlike the old labour intense gasket method. **Ask for our separate brochure.**

Beautiful Slim Sightlines

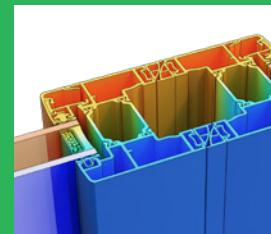
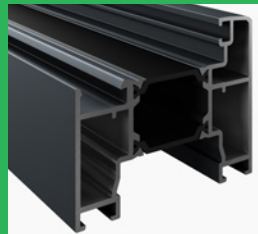


Hardware and Furniture

Certified to the advanced PAS24:2016 standard, the frames come with enhanced Security that includes a 3 Star Yale locking barrel, high strength shoot-bolts, with multi-point locking systems and bespoke matching handles in matching finishes and are engineered to maintain their great appearance during day-to-day operation.



Patented clip glazing



Expertly engineered for a smooth glide

Our Bi-Folding doors exude quality in their function as they do in design, with an exclusive roller system that delivers an effortlessly smooth glide every time.

VERTICAL SLIDERS AND PATIO DOORS

Manufactured to maintain the elegant proportions of traditional Sash windows and incorporating modern day materials enables you to enjoy the stunning traditional looks of a Sash Window with very low maintenance and an energy rating of 'A'.

Our vertical sliding windows can be used within a terraced house to a stately home incorporating upper and lower tilting sashes for ease of cleaning, along with low line gaskets to the decorative glazing beads for visually improved sight lines and a range of furniture fittings. **Ask for our separate brochure.**

- ▶ Run Through Sash Horns
- ▶ Deep Bottom Rail
- ▶ Child Restrictors
- ▶ Tilt Restrictors
- ▶ Trickle Vents



VISOGLIDE PLUS ALUMINIUM PATIO DOOR



PVCu PATIO DOOR



VISOGLIDE PLUS ALUMINIUM PATIO DOOR

Whether your door replacement project needs a practical uPVC arrangement or sleek aluminium patio, our sliding door products are guaranteed to deliver easy access between home and garden, perfect for making the most of an area come rain or shine.

Both can be made from either practical uPVC or premium aluminium; we offer a wide range of options to customise your new doors as little or as much as you like.

Sliding doors are particularly popular for maximising interior space; neatly sliding behind one another or inside a concealed pocket, depending on the system, they also make excellent internal screens, cleverly 'zoning' spaces without limits.

Bright, airy, thermally-insulating and with high security locking our sliding patio doors enhance a variety of settings and beyond. **Ask for our separate brochures.**

FLUSH CASEMENTS

RiOs™

REHAU HOMEGUARD RIOS

Windows replicate windows how they used to be.

RIOs combines the traditional look and feel of timber with all the many benefits of PVCu and is finished with seamless grafted welded corners and mechanically jointed Transoms & Mullions. Frames are available in a range of timeless and exclusive colour finishes as seen on page see page 7, with a full range of handles and glass options such as single, crucifix or grid astragal bars.

UNRIVALLED PERFORMANCE

RIOs Flush Fit is a genuinely high-quality product, achieving excellent weather performance credentials along with PAS24 security accreditation and exceptional noise reduction.

ATTENTION TO DETAIL

The RIOS Flush Fit is all about offering a better choice. Many of our competitors will offer a mechanical weld or standard weld. RIOS is often the better choice of a seamless weld & mechanical joints.



Seamless Corner Weld

R7s™

RESIDENCE R7s

Seamless Welds, mechanical transoms and mullions. Replicate windows how they used to be.

The Residence R7s is beautifully flush inside and out, available in a range of maintenance free finishes and a variety of styles, it is versatile without complication.

An ideal solution for a wide range of properties, from new builds to city type apartments and country cottages to semi-detached houses. We also offer this window product in the unique seamless finish to combine modern contemporary appearances with style. **Ask for our separate brochure.**



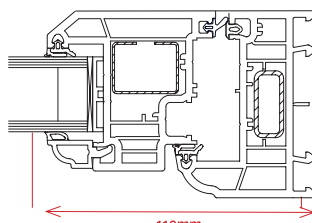
RIOs OR R7s – WHAT'S THE DIFFERENCE

- ▶ R7s has both inside & outside a flush finish.
- ▶ RIOS is detailed on the inside but flush outside.
- ▶ R7s – 113mm to glass line. (only 1 outer frame)
- ▶ RIOS – 110mm to glass line. (3 size outer frames)
- ▶ RIOS is a unique seamless weld only.
- ▶ R7s can be Mechanically Jointed or Seamless.



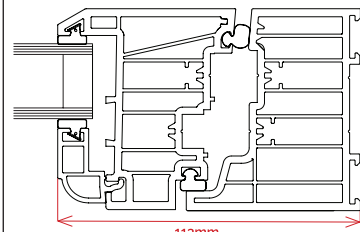
REHAU

RIOs PROFILE



THE RESIDENCE COLLECTION

R7s PROFILE





ASTRAGAL BAR FRAMES

Astragal bars are a modern imitation of glazing bars on period windows. Factory glazed, the bars are fitted to the outside of the external and outside of the internal pane of the window or door with a spacer bar inside the unit giving the appearance of individual panes of glass.

Available in a grid design as shown and also single Vertical or horizontal bar or a crucifix.



Laminated Security Glass

Laminated glass is made from two panes of glass bonded together. The glass can be broken, but the pieces will hold together and can be difficult to pierce offering far more security from intruders than toughened or standard glass.



Acoustic Glass



The 6.8mm outer acoustic glass within a double-glazed unit (inner pane being Low E) comprising of an interlayer which acts as a dampening core to prevent sound frequencies from vibrating from one pane of glass to the other. This absorbs and weakens sound energy, helping to act as a barrier to noise.

A typical standard 28mm double glazed unit has a sound reduction rating of 29dB whereas with the Acoustic Glass specification, the sound reduction increases to 38dB



DECORATIVE GLASS PATTERNS

To create equal glass areas within the window design, it is necessary to introduce 'dummy sashes'.

GLASS UNITS

EcoMAX Glass™ is the most eco-friendly glass window unit on the UK market.

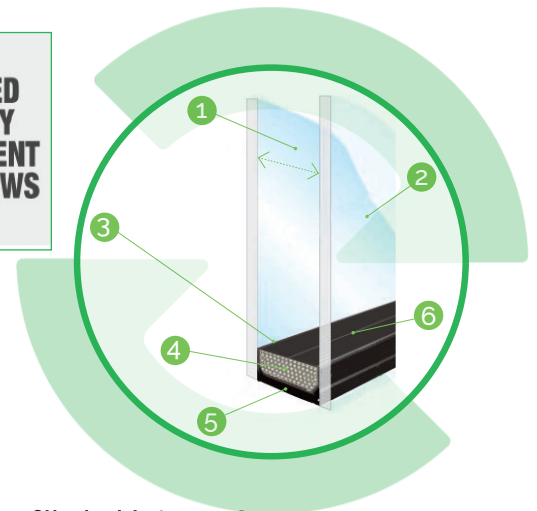
The eco-friendly glass unit is designed with sustainability at its core, providing maximum economical credentials.

Performing on par with typical A and A+ rated windows, whilst also being the most sustainable, eco-friendly glass unit on the market.

EcoMAX Glass™ aims to change the future of glazing forever. Produced from the highest level of recycled materials at one of the most efficient UK glass plants - The unit is almost 100% biodegradable.



ECO MAX™ HIGH PERFORMANCE 28mm UNIT



- 1 20mm Air Gap filled with Argon Gas
- 2 Low Energy Eco-Friendly Coated Glass
- 3 Warm Edge Spacer Bar
- 4 High Performance Desiccant to Absorb Moisture
- 5 Dual Perimeter Seal
- 6 Standard Black Spacer Bar - Match Low Level Gaskets

OBSCURE AND SPECIALISED GLASS



LANTERN ROOF

The purpose designed Stratus Wendland lantern roof is discreet yet stylish.

Stratus allows light to flood into the home's interior, the ideal modern roof lantern solution, coupling sleek contemporary looks with truly outstanding performance.

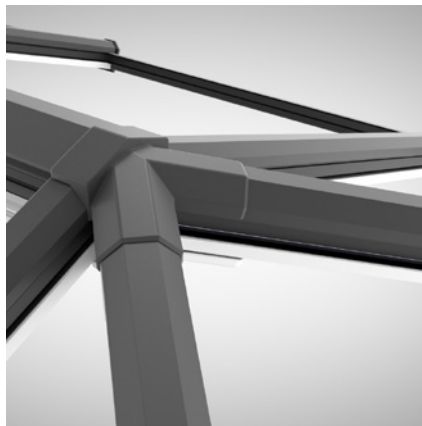


Illuminate your Space

Designed from the ground up as an innovative thermally broken system, Stratus lanterns provide excellent thermal performance while delivering the architectural refinement you'd expect of a high end lantern system.

Whether you are building a new extension, new home or replacing an existing lantern roof, Stratus will help redefine your home, creating light and airy spaces for you to enjoy.

- ▶ Up to 65% more thermally efficient than conventional aluminium roof systems.
- ▶ 66% smaller ridge than standard systems for Slimline aesthetics.
- ▶ Hard wearing aluminium exterior for a premium, architectural look.
- ▶ Quick and easy to install - less time on site means less disruption for homeowners.
- ▶ Fixed at 20° pitch this allows the system to use the incredibly discreet purpose designed top caps and internal covers, without unsightly gaps to rafter ends.
- ▶ Available in any RAL colour, mix and match colours on the internal and external faces of the lantern.



Stock Colours

White, Anthracite Grey, Anthracite Grey and White Internal, Black, Black and White Internal

All RAL Colours available on longer lead times

SOME LOCAL INSTALLATIONS



BEFORE
(PVCU DOOR)

*Before and after
images of an
Entrance Door
with side lights.*

AFTER
(COMPOSITE DOOR)





BUILDING REGULATIONS & GUIDELINES

Building Regulations - Updated 12/8/22
These notes should be regarded as guidelines for 'Building Regulations' to help you. Produced by Trade Centres Signature Ltd to the best of their understanding.

The final arbiter is Building Control
More Information is available on request

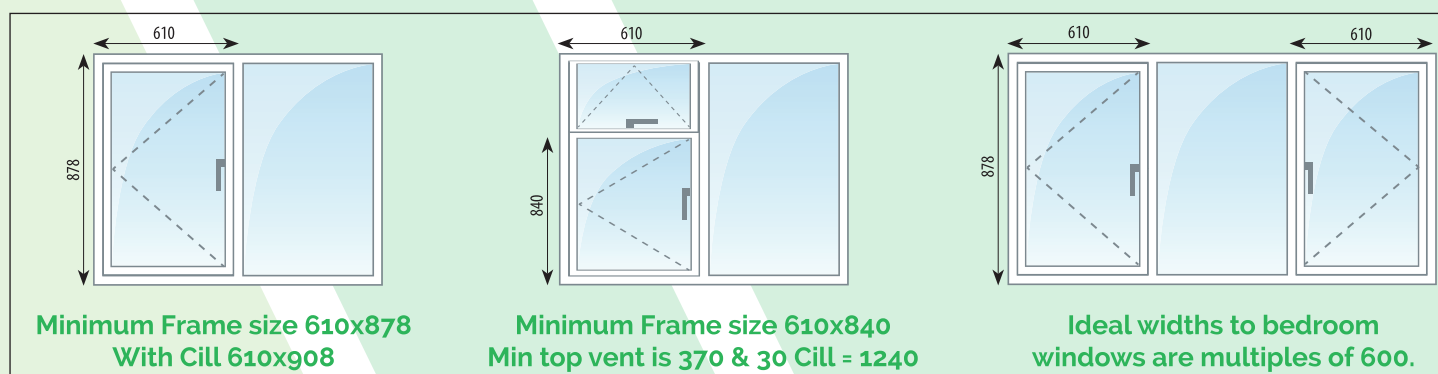
Fire Escape - Part B

Ground floor windows: Fire escape windows are required on the ground floor in any habitable room (not a kitchen or bathroom) which does not open into a hall that leads directly to an exit door.

Upper floor windows: On upper floors up to 4.5 meters from ground level, all habitable rooms (not kitchens or bathrooms) must be fitted with fire escape windows, unless the room has direct access to a protected stairway. A fire escape window's openable area should be less than 1100mm from the floor and should open without obstruction to at least 0.33m² and at least 450mm high or 450mm wide. If one of the dimensions is at the 450mm minimum, then the other dimension will need to be at least 734mm to achieve 0.33m².

Windows fitted with our Fire Escape and Easy Clean hinges comply with the above regulations as long as the openings are sufficient; we recommend 610mm mullion width to achieve the clear 450mm width.

Where Toughened Glass is required to a Bedroom Window a Restrictor Hinge is required.



Ventilation - Part F1 (New regulations, effective from 15th June 2022)

Good indoor air quality is important for health and also has many benefits to the building itself. All rooms must be adequately ventilated to avoid the accumulation of contaminants and/or condensation.

MINIMUM EQUIVALENT AREA OF ALL TRICKLE VENTS PER ROOM		
	DWELLING WITH MULTIPLE FLOORS	SINGLE FLOOR DWELLING
Habitable Rooms & Kitchens	8,000 mm ² (x2 Trickle Vents)	10,000 mm ² (x2 Trickle Vents)
Bathrooms	4,000 mm ² (x1 Trickle Vents)	4,000 mm ² (x1 Trickle Vents)
Utility & WC/Cloakrooms	None	None

- ▶ If replacing a window that already has trickle vents, the new window should have at least the same number and mm² of vents.
- ▶ If however the original window does not have vents or it's a new window, vents will be needed per the above table (unless there are other ventilation methods).
- ▶ If it's not technically feasible to fit vents with as much Equivalent Area mm² as needed, aim for as close as possible.
- ▶ Typically trickle vents are positioned at least 1.7 metres above finished floor level to avoid discomfort due to draughts.
- ▶ Expert advice needed if the dwelling has only one exposed facade, or has 70% of openings on the same facade, or for window-less rooms.
- ▶ Open plan kitchens need at least 3 vents of the same size as other rooms.
- ▶ Purge ventilation: Minimum opening size of all window openers and all doors to be 1/20th of the floor area of each room.

Quality, Service, Price & Performance



REHAU

were one of the first companies in the UK to produce and sell high quality PVCu window systems. Today one in seven PVCu windows fitted in the UK are made from REHAU profile, making them the largest single producer of PVCu window and door systems. Designed with you in mind, replacement windows and doors made from REHAU profile will enhance the look of your property.

They will last for years, and improve your home's energy efficiency, helping you save money on your heating bills.



ensures the very best hardware, ancillaries and glass units available are used in all Rehau Windows & Doors.



REHAU

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