



# Resurgence

FLUSH SASH WINDOWS  
REINVENTED

*A Part of Something Bigger<sup>SM</sup>*



A SUBSIDIARY OF **Quanex**





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# A timber alternative

for the future

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Classic and contemporary, the **Resurgence** flush sash window from Liniar blends the clean lines and elegance of a pre-1932 timber window with modern thermal efficiency - and none of the ongoing maintenance.

Designed to complement character properties perfectly, as well as modern, architectural masterpieces, **Resurgence** grants the ultimate in versatility and style. Hand-crafted using Liniar's ground-breaking, multi-chambered PVCu window system, **Resurgence** windows lack the tell-tale overlap of traditional PVCu casement windows. Instead, the sash sits beautifully within the frame, providing a sleek, smooth exterior with a choice of beautiful plain or foiled finishes.

Making it even more unique from its counterparts, **Resurgence** is glazed like a standard casement window - no bonding required. This results in less disruption during installation.

“

I was looking for windows with a traditional appearance to complement my 19<sup>th</sup> century home.

I love my new Resurgence windows, which look the part but add 21st century benefits.

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# The evolution

## of the PVCu window

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The PVCu window was first introduced to the UK in the 1980s as part of the 'double glazing revolution'. It was seen as a modern, cost effective way to replace maintenance-heavy timber windows and increase thermal efficiency at the same time.

Over the following years, PVCu window and door systems evolved, offering slimmer sightlines, greater Windows Energy Ratings and higher security values – but their overall appearance was still similar to the original frames.

### CHANGING THE RULES

The launch of 'flush sash' window systems changed the rules. No longer featuring the tell-tale overlap of previous PVCu windows, the flush sash is sleek, with the sash fitting in line with the frame – starting to replicate the beautiful lines of timber windows more faithfully.

**Now, Resurgence reinvents the flush sash window.** The first of its kind to feature a double rebated seal, **Resurgence** offers a truly weatherproof and highly secure window which can look either traditional or contemporary, depending on the colour and finish selected.





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# Traditional windows

reinvented for the 21st Century

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**Resurgence** provides an alternative to timber windows found on historical properties, offering 21st century benefits of low maintenance and high energy savings.

Under the direction of the English Heritage organisation, properties which are grade listed in conservation or historical areas are bound by a different set of planning permissions than newer properties. According to Historic England, conservation areas exist to protect architectural and historical places of interest. Article 4 exists to protect the special character or appearance of buildings in those areas.



Choosing mechanically jointed or Timberweld® joins instead of welded corners gives **Resurgence** an even more realistic timber alternative appearance.

## WHAT IS ARTICLE 4?

If your property falls under an Article 4 Direction, it is subject to tighter rules when it comes to the granting of planning permission. This includes replacing windows, doors, downpipes and gutters. For listed buildings, it would additionally require Listed Building Consent.

In the past, windows and doors which were made of modern materials wouldn't get approved through Article 4 and Listed Building Consent, but with advances in window technology over recent times, some councils are taking a more modern approach.

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## TIP

If you live in a listed property or conservation area, always check with your local council and obtain the necessary Planning Permission from the Local Planning Authority before beginning any work on your property.





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# Engineered excellence

refined looks and unparalleled performance

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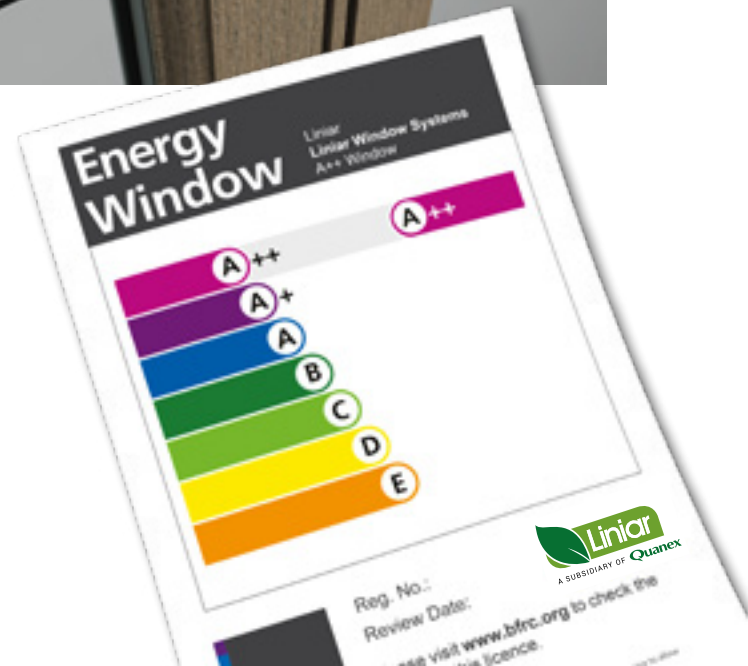
Performing as well as they look, **Resurgence** windows offer much more than a beautiful design.

Recognising the need for a new flush window that offered higher energy ratings, Liniar's design team integrated revolutionary science behind its beautiful facade.

An industry first, **Resurgence's** double-rebated sash provides unparalleled draught and weather-proofing. Liniar's design team also included the company's patented double co-extruded bubble gasket, so you can rest assured that **Resurgence** windows stand up to even the harshest weather. The design also eliminates the brush piles or external seals typically found in the shadow gap of other flush windows, providing a cleaner, sleeker finish.

Triple glazing ready, **Resurgence** boasts an A++ WER rating from the British Fenestration Rating Council (BFRC), granting a comfortable home throughout the year, as well as helping homeowners save money on their energy bills.

**Resurgence features a double-rebated sash for unparalleled weather performance.**







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# World class

safety and security

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Your home is a safe haven, and you want to keep it that way - that's why all Liniar windows and doors are designed, tested and certified to meet the highest standards of security.

**Resurgence** has been thoroughly tested and passed testing to achieve the following accreditations:

**PAS24:** The British Standard for enhanced security performance

**PART Q:** Government building standards for new build homes against unauthorised entry

**SECURED BY DESIGN:** Strict guidelines for exceptional security set by the Association of Chief Police Officers.

For further security enhancements on your **Resurgence** windows, speak with your Liniar fabricator or installer about locks, hardware, hinge protectors and child restrictors - for even more peace of mind.



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# Live life in colour

give your property personality

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From Classic White to Agate Grey, **Resurgence** windows are available in a variety of colours and finishes to suit your property's style.

Setting it apart from other flush sash windows on the market, **Resurgence** features fully foiled glazing areas to both outer frame and transom profiles - allowing it to look authentic even when the window is open.

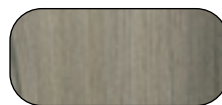
Liniar's coloured and woodgrain-effect foils are factory fitted with precision at the production phase, giving you the peace of mind that your windows will have the perfect finish for years to come. Guaranteed for a minimum of 10 years, Liniar's foiled PVCu windows are a low maintenance choice that won't rot or warp, or need sanding, painting or staining. To keep them looking their best, simply clean them with warm, soapy water.

With a wide choice of stocked coloured and woodgrain foils, **Resurgence** windows have short lead times - but if you've got the time to wait, Liniar has a vast selection of unique colours to choose from. Please refer to your Liniar supplier for a foil swatch booklet to help you choose the perfect colour and finish for your property.

## COLOUR OPTIONS



**White**



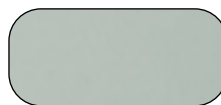
**Anteak**



**Rosewood**



**Black Brown**



**7038 Agate Grey**

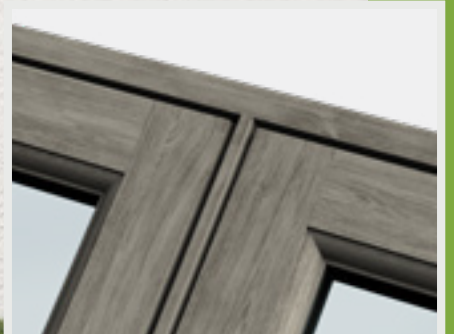


**7016 Grey**





Corner Welded



Mechanically jointed /Timberweld®

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# The finishing touches

Personalise your windows to suit your lifestyle

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## FABRICATION OPTIONS

You can choose to have **Resurgence** windows either welded or mechanically jointed for an even more authentic appearance – both achieving the highest security ratings.

## MULTI-COLOURED FRAMES

Gaining in popularity, especially with flush sash systems, homeowners can have outer frames foiled a different colour from the sash. It's a bold statement and can look fabulous on any property.

## DOUBLE OR TRIPLE GLAZING

The **Resurgence** flush sash window comes ready for triple glazing and can accommodate 28mm double glazing or 36/44mm triple glazing - depending on your energy rating requirements. Speak with your Liniar supplier for more advice on glazing options including etched or patterned glass.

## CHILD SAFETY

If you're replacing or installing windows into a home with children, it may be useful to add restrictors for additional safety. Child restrictors can be fitted to almost any Liniar window that opens fully, giving you further peace of mind.

## HINGE PROTECTORS

Additional security is never a bad idea, which is why optional hinge guards are available. Hinge guards are installed to help prevent any moving sash from being forcibly opened from the outside.

## GEORGIAN AND ASTRAGAL BARS

Perfect for character or cottage style properties, Georgian or astragal bars can be added to the window. **Resurgence** can be used with a range of clip on Georgian bars, or integral Astragal bars which are fitted within the glazed unit of the window. Ask your Liniar supplier for further details.

## HANDLES

Choose from a wide range of handle styles, colours and designs, and for maximum security ask your installer about security locking handles.

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## NOTE

Finished Liniar windows and doors are manufactured by independent Liniar fabricators. Your local supplier offers a range of finishes and options, including glass specification and designs, handles and hardware. Please speak with your supplier for further details about your requirements.

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# Cutting-edge innovation

Making products more efficient - one patent at a time

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Did you know - the most common cause of whistling and draughty windows is the gasket?

Most PVCu window systems make use of co-extruded gaskets, adapting existing profiles to the process – but Liniar's doing it differently. Instead of adapting an existing profile, Liniar started from scratch with a clean slate and no constraints.

The design team at Liniar used the opportunity to spend a significant amount of time developing the company's patented bubble gasket - which outperforms other window systems. The dual-action bubble gasket performs equally well as a soft, dynamic seal on opening sashes, as it provides a firm glazing gasket for sealed units. Its tolerance friendly design ensures a whistle-free, draught-proof seal, both inside and out.

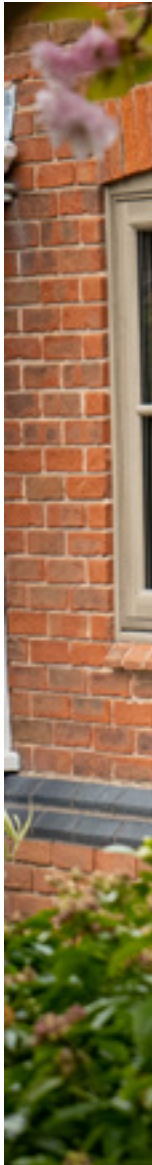
## AWARD-WINNING QUALITY

With a fully matching range of windows, doors, conservatories, lantern roofs, roofline, decking, balustrade and fencing, Liniar so far carries 52 patents and registered designs – setting it apart from other systems and assuring customers of the highest quality.

The range has won many industry and business awards, including the highest accolade in the UK – a Queen's Award for Innovation for its ModLok™ bi folding door.

Continued investment in new product innovation, people, facilities, technology and machinery ensures Liniar's British-made product range remains market leading.

**FIND OUT MORE AT [LINIAR.CO.UK](http://LINIAR.CO.UK)**





## TECHNICAL DETAILS

### GLAZING

28mm Double or 36mm/ 40mm Triple Glazing

### ENERGY RATING

Up to A++ Window Energy Rating

### U-VALUES

As low as 0.8W/m<sup>2</sup>K

### SECURITY

Secured by Design / PAS24 standards

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# Discover Liniar

taking window technology to the next level

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The **Resurgence** window system is part of the Liniar range of innovative windows, doors and conservatory roofs.

Liniar is an award-winning Derbyshire firm with a focus on continued investment in infrastructure, technology, machinery and people. This has ensured Liniar's steady growth and reputation as a leader in the fenestration industry.

As a market-leading manufacturing company, Liniar boasts a customer base of specialist fabricators throughout the UK - all creating beautiful products to Liniar's exacting standards to supply to installers and homeowners.

Liniar was founded by some of the most knowledgeable and forward-thinking experts in the window industry and its parent company, New York Stock Exchange listed Quanex, invests £millions each year to ensure Liniar remains at the forefront of British manufacturing innovation.

The Liniar Design and Development team is consistently pushing the boundaries of product innovation, with new products in development all the time. As a result, the Liniar range includes a host of industry-first products.

The full Liniar range includes high quality, sustainable, matching products for the home and garden.





FIND OUT MORE AT [LINIAR.CO.UK](http://LINIAR.CO.UK)

A Part of Something Bigger<sup>SM</sup>



Energy saving



Sustainable choice



Innovative



Safe and secure



Fully matching



Made in Britain



[LINIAR.CO.UK/RESURGENCE](https://liniar.co.uk/resurgence)

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TMBR00047

Your Liniar supplier is:

EXPLORE THE FULL LINIAR RANGE

WINDOWS | DOORS | GLAZED ROOFS | DECKING | FENCING | PILING

[LINIAR.CO.UK](https://liniar.co.uk)

