resurgence

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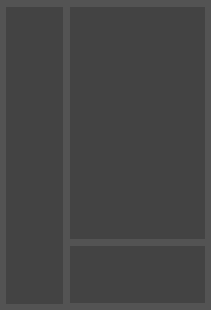
Windows

– reinvented



A timber replica for the future

resurgence

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-chamber PVCu window system, Resurgence lacks 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 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.

"It was plain to see that Liniar's profile was miles ahead of the rest regarding innovation, efficiency and versatility, and what impressed us the most (and still does!) was that they continue to innovate."

The Evolution of the PVCu window

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 – and one which can look either traditional or contemporary, depending on the colour and finish selected.

Traditional *Windows*

reinvented for the 21st Century

Resurgence replicates the timber windows found on historical properties with the added 21st Century benefits of low maintenance and high thermal efficiency.

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.

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.

What is Article 4?

If your property falls under an Article 4 Direction, it is therefore 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.

A++

Engineered *Excellence*

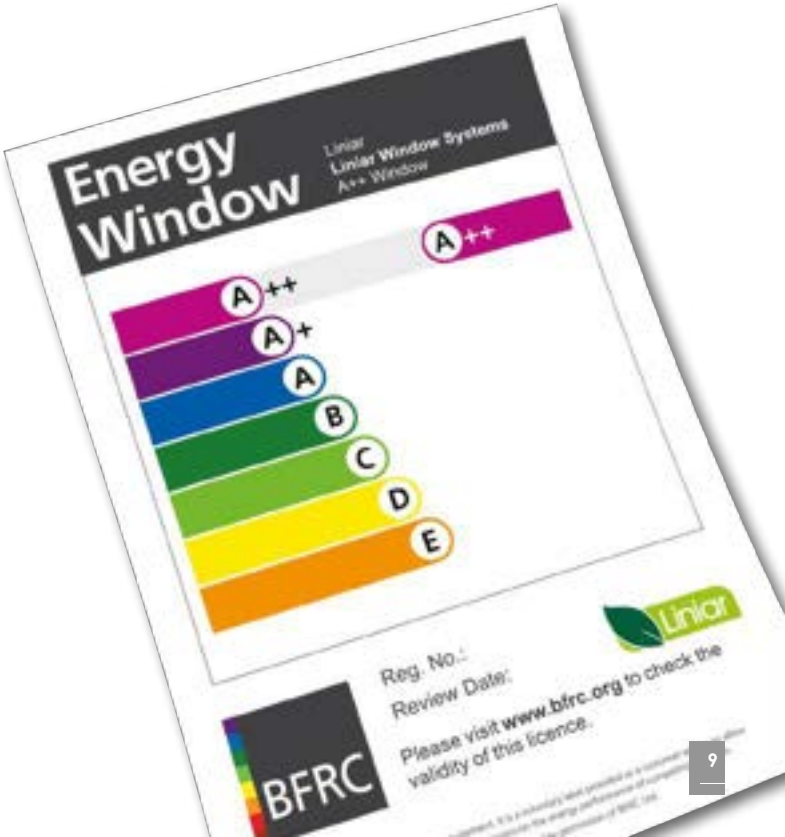
refined looks and unparalleled performance

Performing as well as it looks, Resurgence offers up much more than a beautiful design.

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

An industry first, Resurgence's double-rebated sash provides unparalleled draught and weather-proofing. Liniar's design and development team also included the company's patented double co-extruded bubble gasket, so you can rest assured that Resurgence stands 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 on their energy bills.



World Class safety and security

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 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.

SBD

PAS 24

Live life in colour

give your property personality

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

The ideal timber alternative, Resurgence is ultra-low maintenance – and with optional mechanical jointing and woodgrain foil finishes, it's barely discernible from the real thing. 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 alternative to traditional timber, 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: **Substrate**

White

Cream

Colour options: **Foil**

Anteak

Rosewood

Black Brown

7038 Agate Grey

7016 Grey

All colours are representative only - please ask to see a Liniar foil swatch booklet for accurate colour finishes.

The finishing *Touches*

personalise your Resurgence windows with a variety of options and accessories.

Want to personalise your windows to suit your lifestyle? There are additional options to consider before you finalise your order to have new windows fitted at your property.

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 provider for more advice on glazing options.

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.

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 Resurgence window. Liniar's unique Georgian bars are clipped onto the exterior of the window and do not fall off, while astragal bars are installed within the glass. Ask your Liniar fabricator 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.

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

Cutting-edge *Innovation*

making products more efficient - one patent at a time...

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 the competition. 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, balustrading and fencing, Liniar so far carries 49 patents and registered designs – setting it apart from the competition 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.

Visit www.liniar.co.uk/awards

PAS 24 BS EN 12608

The **techy** bit

- Glazing: 28mm Double or 36mm/40mm Triple Glazing
- Energy Rating: Up to A++
- U-Values: As low as 0.8W/m²K
- Security: Secured by Design

Discover Liniar

Taking window technology to the next level

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

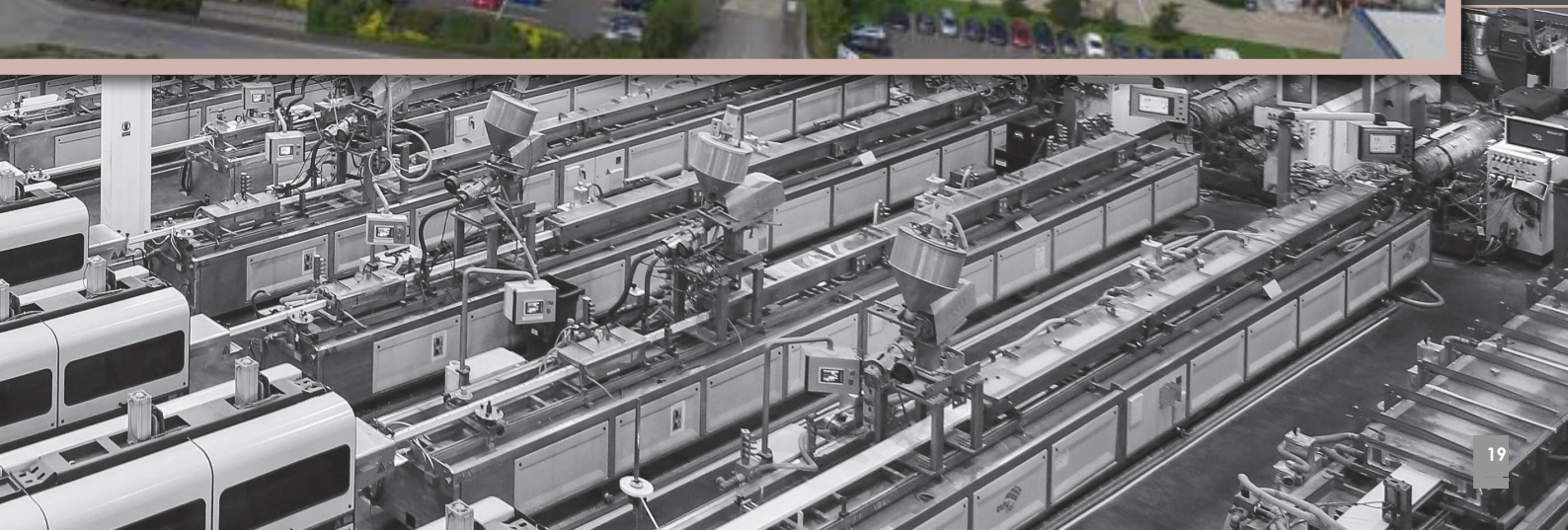
HL Plastics, the company behind the Liniar brand, is an award-winning Derbyshire firm with a focus on continued investment in infrastructure, technology, machinery and people. These goals have propelled Liniar to the forefront of the fenestration industry. As a market-leading systems company, Liniar boasts a customer base of specialist fabricators throughout the UK - all creating beautiful products to supply to installers and homeowners.

Liniar was founded by some of the most knowledgeable and forward-thinking experts in the window industry - with more than 500 years of experience between them.

The Liniar Design and Development team is consistently pushing the boundaries of product innovation, with a focus on research and new products in development all the time. As a result, Liniar has a well-known reputation in the windows industry for innovation. Being agile and responsive to customer feedback means that Liniar's developed an impressive portfolio of high quality matching products for the home and garden.

For more information, visit www.liniar.co.uk

Liniar



The UK's **first double rebated** timber replica window

resurgence

Part of the innovative Liniar range

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