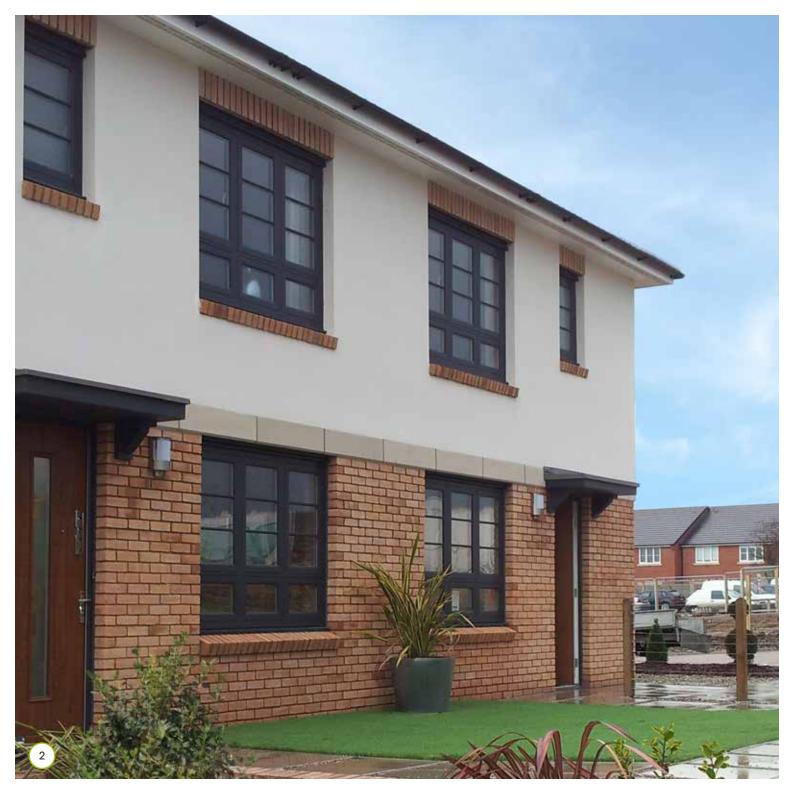


Traditional vs. contemporary

the Flush Sash window system



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Flush Sash

Introducing low maintenance PVCu windows with a timber appearance

Traditional PVCu casement windows are usually easy to spot, thanks to the opening sash overlapping the frame.

However, with Liniar's flush sash system, there's no overlap – meaning the exterior of the window remains sleek and unobtrusive. The design is reminiscent of a traditional, pre-1932 timber window and is increasingly popular in conservation areas as a result.

Depending on the colour or foil finish you choose, the flush sash range can offer a modern, contemporary appearance too – so it complements almost every property style.

The Liniar Flush Sash window system incorporates a host of innovative and unique features - sure to give your property a beautiful appearance with 'kerb appeal'.

Like the rest of the Liniar range, the flush sash system has been designed from scratch by a team of experts, with A+ energy ratings and U-values as low as 0.9 W/m²K.

Read on to find out more about the flush sash range and visit www.liniar.co.uk/windows/flush-sash to choose your own colour and style.



ELITE WINDOWSThermally efficient

One of the most effective ways you can save energy within your home is through installing energy efficient windows and doors.

Whether double or triple glazed, Liniar flush sash windows outperform most of the other leading windows in the UK – mainly due to their innovative PVCu multi-chambered and symmetrical profile design.

The BFRC Scheme is the UK's national system for rating the energy efficiency of windows and is recognised within the Building Regulations as a method of showing compliance for your windows installation. The rating scale runs from G right up to A++ and indicates how well a product will

- help you contain and conserve heat within your building in the winter
- · keep out the wind
- resist condensation.

Liniar flush sash windows and doors can achieve an 'A+' rating*, which means you'll be able to enjoy a warmer and quieter home as well as lower energy bills.

^{*} individual stockists may offer different ratings





ELITEWINDOWS Safe and secure

The Liniar flush sash window range offers complete flexibility, whatever the room or the size of opening you need.

Your home should be a safe haven – that's why all Liniar products are designed, tested and certified to meet the highest standards of security.

Child restrictors can be fitted to almost any Liniar window to give you extra peace of mind that your little ones will be safe – you can get more details from your Liniar stockist.

Fully accredited



Liniar Secured by Design products are designed with exceptional security features and confirmed as meeting the requirements of the Association of Chief Police Officers.





BS EN ISO 9001:2008

Liniar's factory has BS EN ISO 9001:2008 accreditation for quality management systems - proving its strong customer focus and continuous improvement cycle.



PAS 24:2012

The British Standard for enhanced security performance, PAS 24 testing also includes testing for air and water tightness and wind loading to BS 6375.







ELITEWINDOWS Colour options

The Liniar range comes in a wide variety of colours and finishes.

The basic Liniar PVCu profile is available in not just white, but also cream, caramel, brown and black substrates to offer a personalised appearance*











- or why not change its appearance completely by choosing one of our authentic foil finishes?

Liniar's coloured and woodgrain effect foils are factory fitted at the production stage, so you can rest assured of a perfect finish. Guaranteed for a minimum of 10 years, foiled PVCu is a low-maintenance alternative to timber as it won't rot

or need repainting; all it requires is an occasional clean with soapy water.

Every Liniar product is made in a wide choice of stocked coloured foils, ensuring short lead times when your project is urgent. If you're not in a rush, you could select a completely bespoke colour and finish from the huge range available. You can even select the substrate colour and choose to have the foil applied on just the interior or exterior only if you prefer.

Please ask to see a Liniar foil swatch booklet to help you select the perfect colour choice.

Standard foils



Special foils



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

^{*} Not all Liniar products are available on all substrates - please refer to the Liniar foil swatch booklet.

ELITEWINDOWS More options to consider



Multi-coloured frames

Why not break all the rules and choose different foiled colours for the outer frame and sash of your windows? This can result in a truly eye-catching installation.



Double or triple glazing

The flush sash system is available with your choice of 28mm double or triple glazed units, depending on the energy rating you'd like to achieve.

Georgian Bars

Unlike other astragal bars, Liniar Georgian bars are designed to simply snap into place and won't fall off. They also offer a more authentic appearance than adding aluminium bars within the sealed unit.

Child safety

If your windows are intended to open fully, you may wish to fit child restrictors for additional safety for your family. Child restrictors can be fitted to almost any Liniar window.

Hinge guards

Optional hinge guards add a further level of security to your Liniar windows and help to prevent the moving sash from being forcibly opened from the outside.

Handles

Locking handles should be fitted for maximum security – and the choice of colours, styles and designs is almost endless.

Finished window and door products are manufactured by independent Liniar fabricators, who can offer a wide range of finishes including glass, handles and hardware. Please see your local fabricator for more details about specific requirements.









About Liniar

The most up-to-date system on the market.

Liniar was created by bringing together some of the most knowledgeable and forward thinking designers and experts in the window industry – with more than 500 years of experience between them.

HL Plastics Ltd, the company behind the Liniar brand, is an award-winning Derbyshire firm. Continued investment in infrastructure, technology, machinery and a great team of people has helped Liniar to become one of the market leading window systems with a customer base of specialist fabricators all over the UK, all creating beautiful products to supply to installers and homeowners.

The design team behind the Liniar brand is constantly pushing the boundaries of product innovation, with a focus on research and new products in development all the time. As a result, Liniar has developed a well-earned reputation within the window industry for innovation.

By being agile and responsive to customer feedback, Liniar has developed an impressive portfolio of products.

innovation

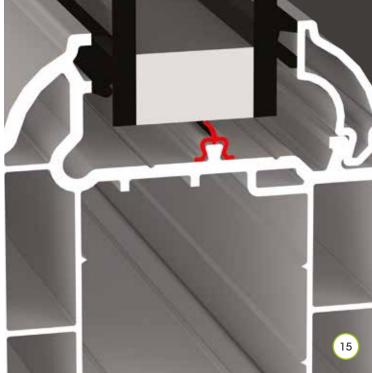
A common cause of draughty, whistling windows in the past has been the result of issues with the gasket.

Many PVCu window systems make use of coextruded gaskets, most adapting existing profiles to the process. Starting from scratch, the Liniar team had no constraints, and spent a significant amount of time developing its patented bubble gasket to outperform all others

The rubber seal is expected to achieve two very different tasks – to work as a weather seal, keeping the elements at bay, and also as a glazing stop, ensuring the glass remains securely in place. Traditionally, the gaskets used throughout the industry attempted to perform both of these duties and failed to do either properly.

When the Liniar system was created, we set about to correct this. Our patented, dual-action bubble gasket performs equally well as a soft dynamic seal on opening sashes as it does as a firm glazing gasket for sealed units, its tolerance friendly design always ensuring a whistle-free seal inside and out.







7 great reasons to Choose Elite and Liniar

Innovative - continued investment in infrastructure, technology and a great team of people results in forward-thinking designs.

Energy efficient – designed from scratch to achieve the pinnacle of thermal performance and retain more heat in your property

Safe and secure - engineered with built-in security features and approved by independent testing facilities

British made – frames are extruded in our state-of-the-art factory in the heart of Derbyshire

Lead free – all Liniar profiles are extruded using materials that are 100% lead free

Quality assured - backed with ISO 9001 accreditation for your peace of mind

Guaranteed – all Liniar frames are guaranteed to not warp, split or discolour for a minimum of 10 years

