

# GEORGE BARNSDALE

Est. 1884

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TIMBER WINDOWS & DOORS



## Where time-honoured design and twenty-first century technology meet.

At George Barnsdale we've been crafting the highest quality timber windows and doors at our Lincolnshire-based factory since 1884. We blend detailed design with premium materials and cutting edge technologies to ensure our windows and doors are as enduring as they are beautiful.

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# Our Approach

Choosing the right windows and doors for your home is not just a question of aesthetics – though you'll be hard pushed to find a range as stunningly crafted as ours. It's about being sympathetic to your home, to your surroundings and your lifestyle.

We build all of our windows and doors here in the UK and offer a localised, personal service through a national network of Approved Partners. Whether you're looking to replace one window, or have an inventive self-build brief, our Approved Partners have been carefully selected to make sure you get exactly the timber windows and doors your property deserves.

From the moment you get in touch to the day your windows are installed, our Approved Partners will work closely with you to ensure a flawless fit, finish and specification for exceptional performance and outstanding value.

With three core product ranges to choose from, you can be sure of the perfect solution for your historic, traditional or contemporary home.

## Historic Range

Designed for listed buildings and conservation areas, our Historic Range strictly adheres to authentic design details and original glazing methods. The result is timber windows and doors that accurately match your originals and meet planning restrictions while offering modern performance, long life and low maintenance.



## Traditional Range

Our beautiful Traditional Range is the perfect combination of period design and modern performance. These timber windows and doors can be customised to the design requirements of your home and are manufactured with the finest materials to the highest standards in order to provide exceptional levels of security and comfort.



## Contemporary Range

Developed without the constraints of period design, our Contemporary Range of simple, clean, modern designs provides outstanding performance. Featuring large panes of efficient triple-glazing or acoustic double-glazing, our timber windows and doors can be uniquely styled to reflect the contemporary feel of your new or modernised home.





# Traditional Range

Designed to reflect the style and spirit of period designs, our high performance Traditional Range is perfect for home improvements, extensions and traditionally styled self-build projects.

Providing design flexibility, the timber windows and doors in this range can be customised to meet your precise needs.

By selecting only premium materials and using an advanced coating system, we are able to offer windows and doors that are not only beautifully crafted but will continue to look good, with minimal maintenance, year after year.



## EXCEPTIONAL BENEFITS AS STANDARD



### Customisation

Our exhaustive range of design, layout, finish and handle options means we can offer forms and styles to perfectly suit the age and appearance of your property.



### Coating System

Our sophisticated coating system has been developed to provide a long lasting, low maintenance finish that displays to full effect the natural beauty of the wood.



### Precise Standards

All of our products are manufactured to the finest tolerances. Joints fit perfectly and seals are located with absolute accuracy so that the finished product is as robust and weather-proof as it is aesthetically pleasing.



### Security

Our windows and doors are fitted with multiple locking points and secure ventilation positions as standard, and can be manufactured to meet Secured By Design specifications.



### Innovative Glazing System

Traditional aesthetics conceal a high performance glazing system optimised for thermal efficiency, so more light gets in and less heat gets out.



### Aligned/Concealed Dual Seals

Dual low-pressure weather seals are located discreetly within the window frame to retain warmth and exclude noise and moisture. The system provides outstanding performance with no compromise to the beauty of the product.



### Enhanced Glazing Standard

Our own stringent Glazing Visual Quality Standard exceeds the Glass and Glazing Federation's standards, ensuring that you receive products of the highest possible quality.



### Market-leading guarantees

Our industry leading, manufacturer backed guarantees provide the greatest degree of reassurance available within the industry.



## Timber Casement Windows

Used prominently in farmhouses, cottages and country houses, timber casement windows have featured in buildings since the 16th century. In our Traditional Range, we offer both flush and stormproof casement windows. With a wide range of design and layout options, both can be customised to offer the look you desire while delivering outstanding performance.

To achieve perfect harmony with the rest of your home, we offer an extensive choice of glazing, paint and casement window furniture. This means that any new casement window can be precisely matched with the existing windows in your home.

Featuring multi-point locking with shootbolts and multiple draught seals, our Traditional casement window provides exceptional levels of security and comfort for your home.







## Timber Sash Windows

The timeless sash window style has been captured in the design of our Traditional sliding sash windows. From the authentic cord-and-weights mechanism to a modern spiral balance design, that can even allow each sash to be tilted inwards for easy cleaning, our windows can be customised to perfectly match the style of your home.

Our innovative and discreetly concealed draught seals provide excellent weather proofing and thermal insulation while premium catches and locking mechanisms bring enhanced security and safety to this traditional, premium window design.

With the ideal combination of traditional looks and modern performance, our Traditional sash windows are offered with a number of layout and opening options. We can create curved work designs, including arch top and curved fronted windows.



## Timber Tilt & Turn and Pivot Windows

Our tilt & turn and pivot windows provide thoroughly modern features while retaining a traditional appearance. Both window designs can be adapted to operate in the way that best suits your application. Tilt & turn windows can be tilted inwards for ventilation, or turned inward for easy cleaning on both sides while our pivot windows can be rotated 180 degrees along their horizontal axis for easy cleaning on the outside.

Our high performance hinge mechanisms are designed to support a large number of size and style window options. Coupled with a variety of paint and window furniture solutions, both designs can be customised to achieve perfect harmony with the rest of your home.

For maximum security, multi-point locking is distributed around both frames with the pivot window having an optional handle that provides ventilation securely at night.





## Timber Entrance Doors

From the design to the materials to the workmanship, everything about our Traditional entrance door speaks of quality. Whilst we include many modern features to enhance thermal and acoustic performance, our door designs can easily be adapted to match properties of any period.

With an extensive collection of door furniture and paint colours, you can specify every detail to match your home, right down to the letterbox. If you require the integration of glazing, we offer a number of obscure glass options to help you retain privacy, whilst allowing natural light in. Stained glass is also available and can be crafted to your exact requirements.

Security is paramount in our Traditional entrance doors with our multi-point locking system meeting the challenging standards of Secured By Design.





## Timber Single and Stable Doors

Our traditionally styled single and stable doors are a perfect addition to the side and rear of any property. The stable door design replicates the traditional, barn-style entrance and is especially suited to cottages and farmhouses.

With their simplified design, the single and stable doors of our Traditional Range include the detailed workmanship and many unique features of our entrance doors.

Both door types can be configured to match almost any layout and are optimised for outstanding thermal, acoustic and weathertight performance.







## Timber French Doors

The original patio door, French doors provide a timeless and traditional feature to effortlessly tie your home and garden together.

Our timber French doors can be completely customised to the requirements of your property, including the option of dual colour paint to ensure a perfect fit with your home. Produced with the finest materials to the highest standard, they provide exceptional levels of performance and durability.

Our wide range of designs and layouts includes the option of glazed sidelights and fanlights to the side of and above the doors themselves, letting even more light into your home. Meanwhile, concealed multi-point locks with integrated shootbolts in the secondary door provide excellent security.



## Timber Bifold Doors

Bifold doors are a popular choice for patio access, as their concertina design allows the space between inside and out to be opened fully. Opening outwards or inwards, our timber bifold doors combine ultimate convenience with a traditional look that will perfectly complement your property.

Our low profile aluminium thresholds provide a smooth transition between your interior and exterior spaces and deliver excellent weather performance. Once installed, the low resistance sliding mechanism can precisely adjust to open and close effortlessly.

Boasting the same extensive range of handles as our entrance doors and French doors, you can easily style your bifold door to match the other entrances to your property. Reassuring security comes as standard with multi-point locks, secure hinges and concealed components.







## Timber Sliding Doors

The timber sliding doors in our Traditional Range include a number of innovative features while remaining consistent with period architecture. The great advantage of sliding patio doors over bifolding designs is the extent of uninterrupted glass that they allow. Guided by our own stringent Glazing Visual Quality Standard, we accept only the best glass, guaranteeing you see the maximum benefit.

Low-profile cills promote a seamless transition between the home and garden while providing excellent weather performance and low-resistance rollers allow even large doors to be opened and closed with ease.

Our multi-point locking system provides a high degree of security and the concealed, interlocking aluminium meeting rail offers added security, while contributing to the doors' exceptional weather performance.





# Historic Range

Our Historic Range is specifically designed to meet the stringent planning requirements applied to listed buildings and conservation areas.

Working closely with planning authorities and conservation officers, we have developed a range of timber windows and doors that accurately replicate the appearance of the original features, while offering modern standards of security and weather performance.

For sympathetic replacement, we have specially developed narrow double-glazing options that will keep your family warm as well as meet the authentic style requirements. To meet strict planning requirements hand or machine drawn glass is available to provide a more authentic reflection.

## EXCEPTIONAL BENEFITS AS STANDARD



**Customisation**  
Our exhaustive range of design, layout, finish and handle options means we can offer forms and styles to match the original for sympathetic replacement.



**Coating system**  
Our sophisticated coating system has been developed to provide a long lasting, low maintenance finish that displays to full effect the natural beauty of the wood.



**Exacting precision**  
All of our products are manufactured to the finest tolerances. Joints fit perfectly and seals are located with absolute accuracy so that the finished product is as robust and weather-proof as it is aesthetically pleasing.



**External Putty**  
To maximise performance whilst accurately replicating original glazing methods, we utilise modern materials for our putty glazing system.



**Flush joints & concealed gaskets**  
For an authentic appearance, flush joints are usually required by Planning Officers. Concealed gaskets are located discreetly within the window frame to retain warmth and exclude noise and moisture.



**Excellent performance**  
Based on the Traditional Range, we have developed the Historic Range to create an authentic collection of windows and doors that provide excellent thermal, weather, acoustic and security performance.



**Historic glazing units**  
Approved by planning authorities and conservation officers, our narrow double-glazed unit is an energy saving alternative to traditional single-glazing.



**Market-leading guarantees**  
Our comprehensive guarantees provide the greatest degree of reassurance. Whilst the putty glazing system carries different guarantees, it is still industry leading.

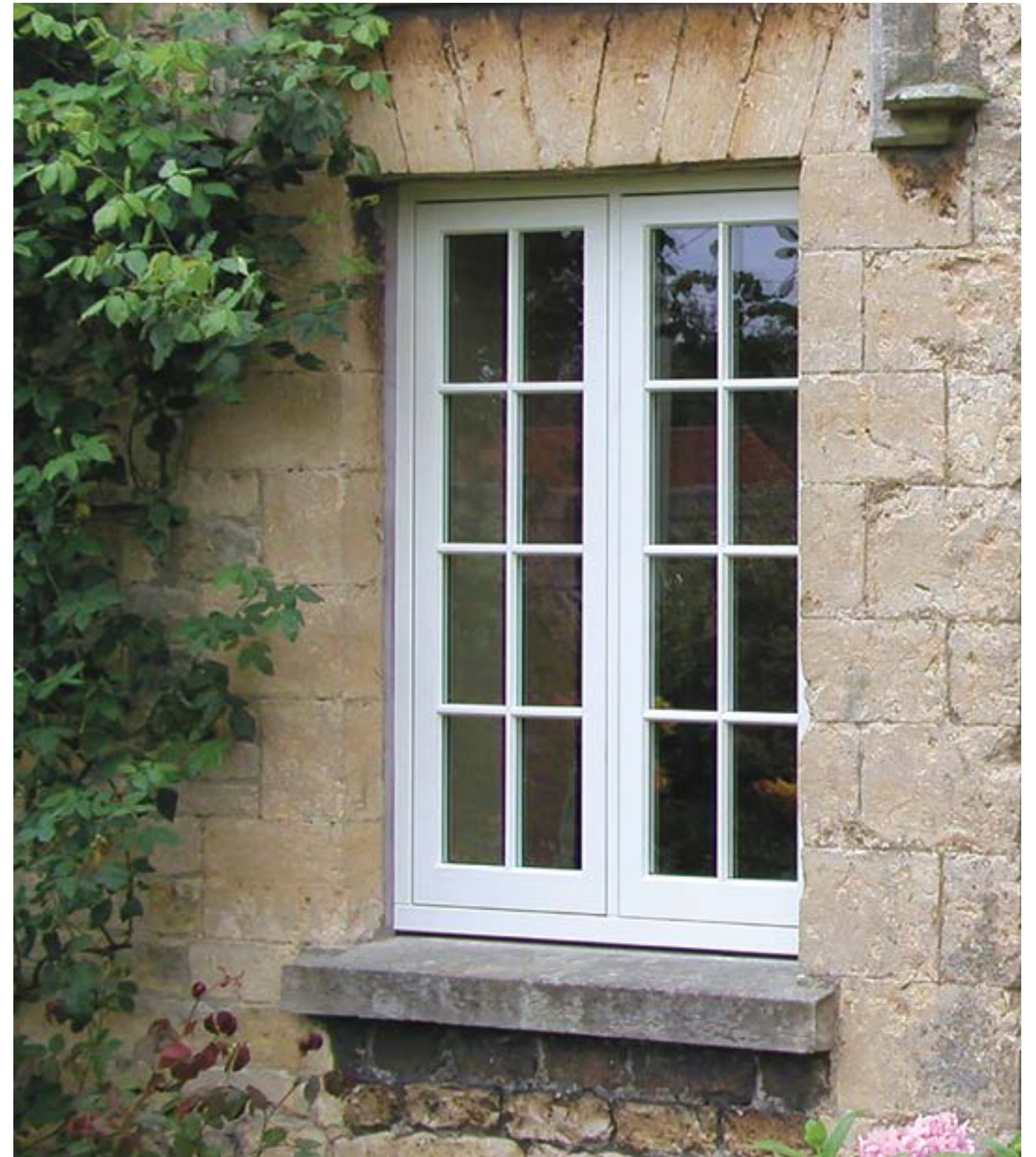
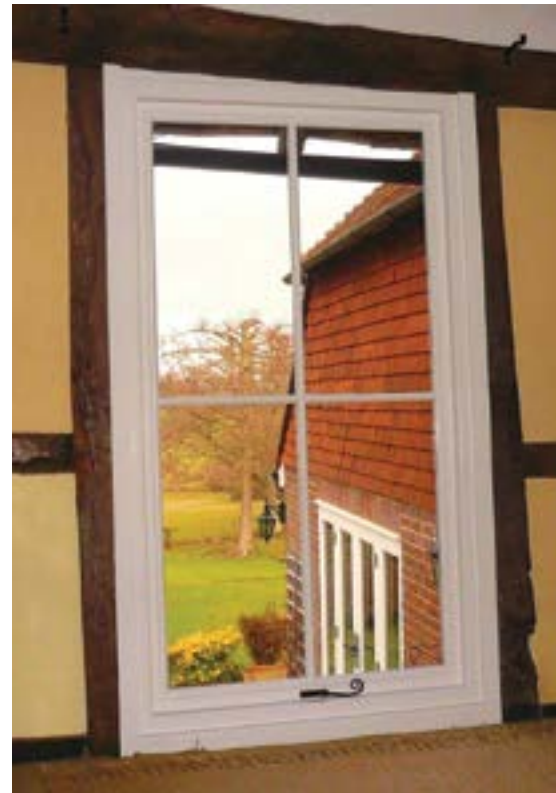


## Timber Casement Windows

Casement windows are a common feature in many types of listed building. We have designed the timber casement windows in our Historic Range to perfectly complement the heritage and aesthetic appeal of historic homes.

For sympathetic replacement, our Historic casement window is supplied with period matching casement stays and butt hinges. With a selection of narrow, putty glazed sash profiles and layouts, both single- and narrow double-glazing options are available, with dual seals for excellent weather and thermal performance.

Concealed multi-point locking provides the same high security as found in our Traditional Range, without compromising the authentic look of this historic window design.





## Timber Sliding Sash Windows

The sash window is a classic design with enduring appeal. Yet anyone with first-hand experience of an ageing, stiff and draughty example will be familiar with its potential drawbacks.

Our Historic sliding sash window provides an authentic, high quality replacement. With narrow sash rails and thin frames, they sit perfectly in the original opening. For true replication, we offer a number of horn styles and period window furniture.

With a smooth opening and closing mechanism, we have incorporated our tested sealing system which features concealed gaskets to keep the elements outside where they belong.



## Timber Horizontal Sash Windows

Commonly known as Yorkshire sash windows, our Historic horizontal sash window is designed to perfectly complement your period property. As is the case for all windows in our Historic Range, the sashes and frames can be supplied with very narrow profiles allowing them to accurately match the appearance of the original.

Both single and narrow double-glazing is available, with hand or machine glass options to meet more exacting planning requirements.

Our low resistance track system allows smooth opening and closing with very little effort, with concealed draught seals for additional weather proofing. To enhance security, the windows are fitted with sash fasteners and sash stops, providing secure locked and ventilation positions.





## Timber Entrance Doors

The timber entrance doors in our Historic Range are a good example of our ability to match original designs. From period features like flush connections to slim-width doors, our flexible range makes it possible to specify a true replica.

Similarly, door layouts and glazing can be configured to create the perfect match.

We have incorporated our multi-point locking system and weather seals to provide enhanced security and weather performance.

Our selection of ironware and furniture provides the finishing touches to create an authentic timber door that is secure, hardwearing and weathertight.

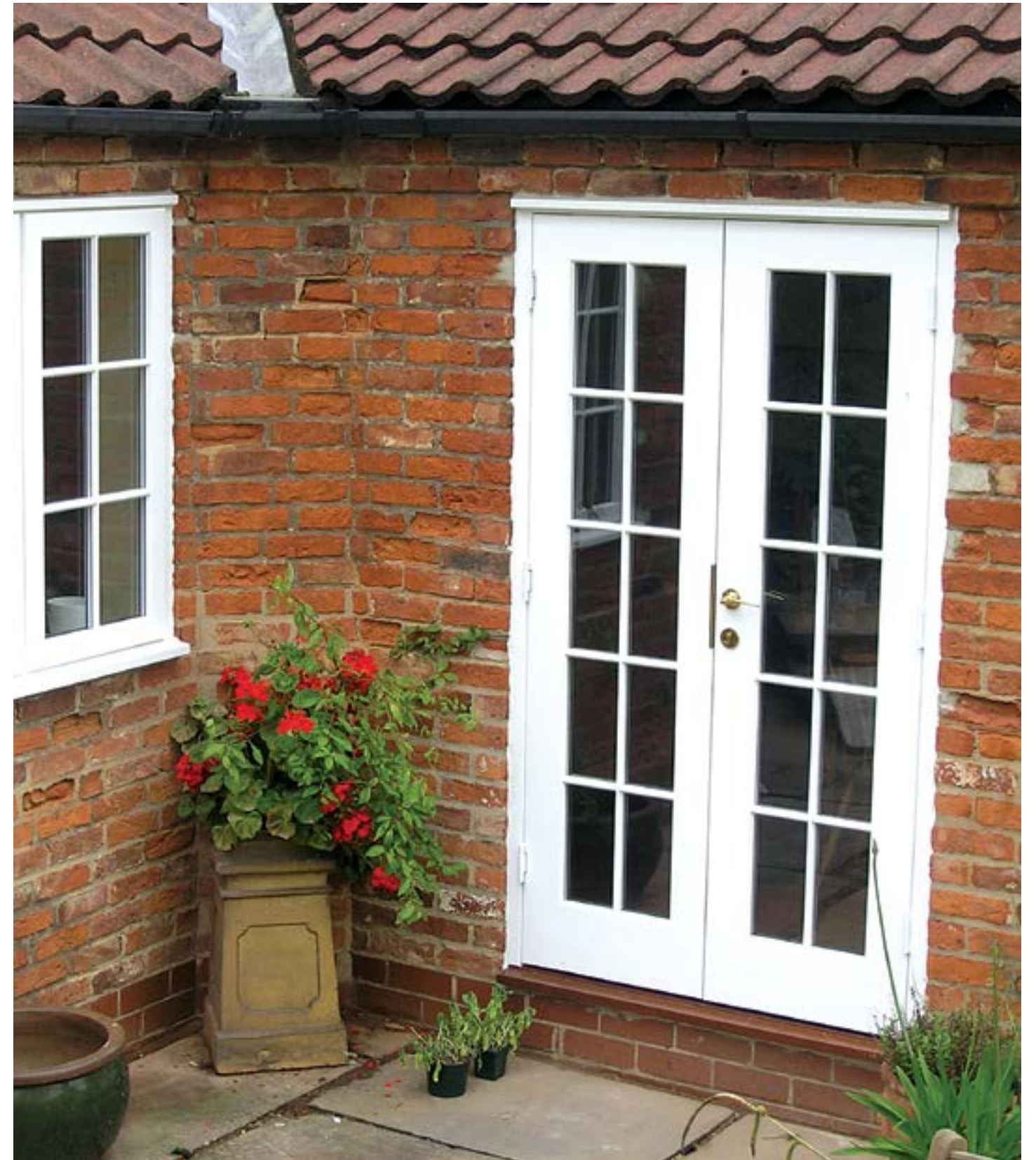


## Timber French Doors

The most traditional choice when it comes to a rear patio door, our Historic French doors have been developed to match original aesthetics whilst providing modern performance.

With the ability to customise design to the exact period requirements of your home, we offer a number of glazing, paint, stain finish and door furniture options. You can also include your chosen layout of sidelights and fanlights to complete the picture.

Available as both inward and outward opening, our outward opening Historic French doorset is fitted with a restrictor to limit opening to 90 degrees, preventing damage from the door being blown against the outside wall.







# Contemporary Range

Featuring simple, clean profiles and modern designs, all built on the natural beauty of wood, our Contemporary Range is made to suit the renovation of modernised homes and ambitiously designed self-build projects.

Freed from the style restrictions applied to our Traditional and Historic designs, the Contemporary Range offers a wide array of frame profiles, layout options, handles and fittings to allow you to get the exact look you want for your home.

Products feature large glass areas and high performing features, including triple and acoustic glazing. As is the case across all of our product ranges, we guarantee a high performance product, with long life and low maintenance as standard.

## EXCEPTIONAL BENEFITS AS STANDARD



**Customisation**  
Our exhaustive range of design, layout, finish and handle options means we can offer forms and styles to suit your most imaginative designs.



**Coating system**  
Our sophisticated coating system has been developed to provide a long lasting, low maintenance finish that displays to full effect the natural beauty of the wood.



**Exacting precision**  
All of our products are manufactured to the finest tolerances. Joints fit perfectly and seals are located with absolute accuracy so that the finished product is as robust and weatherproof as it is aesthetically pleasing.



**Excellent security**  
Our products are fitted with multiple locking points and offer secure ventilation positions as standard. We can also meet Part Q / Secured By Design specifications when required.



**Enhanced Glazing Standard**  
Our own stringent Glazing Visual Quality Standard exceeds the Glass and Glazing Federation's standards, ensuring that you receive products of the highest possible quality.



**Complementary window & door furniture**  
A collection of modern furniture, including a stainless steel option, manufactured from marine grade 316 stainless steel is available.



**Glazing**  
We offer options of large triple-glazed and acoustic glazing units that provide excellent performance. Solar reduction glazing is also commonly specified in this Range.



**Market-leading guarantees**  
Our comprehensive guarantees provide the greatest degree of reassurance available in the industry.



## Timber Casement, Tilt & Turn and Pivot Windows

With the option of advanced features like triple-glazing and acoustic double-glazing, plus an extensive choice of handles and other stylistic details, our Contemporary Range provides a wide range of window designs that can be optimised to meet the exacting requirements of your new or modernised home.

Flush casement windows support a wide range of layout possibilities, including large triple-glazed units. Tilt & turn windows provide the added flexibility of a continental-style opening mechanism, offering secure ventilation when tilted open. Pivot windows, meanwhile, can follow whatever symmetrical (or nearly symmetric) shape you desire and will rotate the full 180 degrees for excellent ventilation and easy cleaning from the inside of the property.







## Timber Entrance Doors

What makes us unique is that we can customise any door design from the Contemporary Range to any required specification. This provides you with the opportunity to make a real statement with the style of your front door.

Depending upon the design chosen, our entrance doors can be manufactured with an advanced engineered core featuring a patented steel stabiliser, providing exceptional strength and stability.

Delivering excellent thermal and acoustic performance as standard, our Contemporary door is offered with a number of additional options that provide improved soundproofing and safety features if required. With the option of highly corrosion resistant, marine grade stainless steel furniture, these doors offer the very highest levels of quality and durability.



# Timber Bifold Doors

Bifold doors are the perfect complement to modern living spaces and the ideal choice for those who want to enjoy inside-outside living to the full. With a range of layouts and the option of inward or outward opening, bifold doorsets can be configured to work exactly as your living space requires and styled to match the rest of your property.

Low profile aluminium thresholds mean there is next to nothing separating the home and garden, while still providing excellent weather performance and effortless opening and closing via an easily adjustable mechanism.

Multi-point locks, secure hinges and concealed components deliver high levels of security and, with the option of triple-glazing, these doors offer exceptional insulation.





## Timber Sliding Doors

Sliding patio doors offer the largest area of uninterrupted glass. Guided by our own stringent Glazing Visual Quality Standard, we accept only the best glass, guaranteeing you maximum light inside and the clearest view looking out.

The timber sliding doors in our Contemporary Range are designed to reflect the aesthetics of modern architecture and boast a number of innovative features.

A low-profile threshold creates a seamless transition between the interior and exterior of the building. At the same time, multi-point locking and a concealed interlock in the meeting rail delivers excellent security and weather performance. Meanwhile, our low resistance rollers deliver a smooth and effortless action that can be easily adjusted after installation.



# Materials

When selecting materials, our aim is always to achieve exceptional performance while maintaining the beauty that timber windows and doors bring to any home.

## COATINGS

All of our products achieve a long life with minimal maintenance thanks to our meticulous selection of only the best quality timber, our excellent product design and our advanced coating system.

Our advanced coating system provides maximum protection to the timber, while allowing it to breathe and let its natural beauty show through. By applying our coatings in such a precise way we are able to derive maximum performance, which enables us to provide, as standard, an industry leading 10 year

guarantee for paint finishes and a 7 year guarantee for stain finishes.

Alongside our standard range of finishes, we can provide almost any paint or stain colour you wish to specify. You can even choose to supply us with a physical sample so that we can match the colour. We can also provide a dual finish, giving you a different look inside and out, as well as applying a different finish to the frame and the sash.



## TIMBER

Timber is at the heart of everything we do, so we're naturally meticulous in our selection. We're also passionate about sustainability, using only FSC® certified timber from sustainable sources.

We select only those timber species that provide a stable base for our advanced coating system, delivering a long lasting, low maintenance finished product. Frames and window sashes are manufactured from Engineered Redwood, free of knots and imperfections. External mouldings and sash window linings are created in Accoya®, which has earned the highest durability rating of any timber, surviving for 25 years when submerged, uncoated, in fresh water.

Specifically for doors we use Grandis Hardwood within the complete product due to its clear faced attractive grain pattern, which exudes the natural beauty of timber.

We can also supply our windows and doors made completely from either Grandis, Oak or Accoya®.



## GLASS

Glazing plays an extremely important role in the overall performance of a window. As standard our windows come with a high performance glazing system optimised for thermal efficiency and a clear neutral appearance, resulting in increased illumination, a clearer view and lower heating costs.

We have a broad selection of glazing options including acoustic reduction, solar reduction and enhanced thermal performance. A triple-glazed system is also available for our Traditional and Contemporary product ranges.

For privacy we can supply a number of obscure glass pattern options. To add the perfect touches to your renovation or self-build project, leaded and coloured glass is also available.

To help address the challenges brought by the sympathetic replacement for listed buildings, the Historic Range includes narrow double-glazed units that can incorporate hand or machine drawn glass for an authentic reflection. Other options include single-glazing and Pilkington Spacia Vacuum Glass. Working with you, we can help to advise you on the most suitable solution to achieve the perfect balance of meeting planning requirements and keeping your home warm.



# Service

We know that replacing timber windows and doors can be a big undertaking. To make the process as simple and as pain-free as possible we offer a localised service that provides exceptional craftsmanship and outstanding customer service.

Operating from our factory in Donington, Lincolnshire, we offer a UK wide installation service through a network of local Approved Partners.

Specially selected for their ability to deliver a service that matches the quality of our wonderful windows and doors, our Approved Partners have all the necessary accreditations and insurance requirements you'd expect from a premium window and door manufacturer.

It is through our Approved Partner Network that we can offer a complete start-to-finish service. This includes advice on product specifications and period features relevant to your home. Their services include guidance on building regulations and planning authorities, on-site measurement, installation and after sales support.

Our national network means you can feel confident that we can provide a local service, while ensuring you receive the best attention at all times.





# Standards

## GUARANTEES

Recognising our attention to detail, our material suppliers have reinforced our guarantees, giving you the confidence of industry leading product guarantees backed by multinational suppliers.



**Paint Finish**  
Manufacturer's guarantee against paint coating system failure.



**Stain Finish**  
Manufacturer's guarantee against stain coating system failure.



**Preservative**  
Manufacturer's guarantee against preservative failure.



**Glazing Unit**  
All drained and vented units have a 10 year manufacturer backed guarantee.



**Hardware**  
Manufacturer's guarantee for all window and door hardware.



**Weather Seals**  
Manufacturer's guarantee against failure of weather seals.

## ACCREDITATIONS

As part of our process of continuous improvement, our products and services are assessed and certified to national and international standards, so you can have total confidence in your choice of windows and doors. We also ensure that our national network of Approved Partners have all the necessary accreditations.



**ISO 9001**  
Recognises our commitment to producing quality products using a quality management system, improving customer satisfaction and reducing wastage.



**ISO 14001**  
Recognises our commitment to environmental management, minimising any activities that have a harmful effect on the environment.



**FSC®**  
Our windows and doors are FSC® Chain of Custody certified, showing that all our timber comes from sustainable sources.



**Investors in People**  
With a highly trained workforce and a modern apprenticeship scheme, we are recognised as an Investor in People company.



**BFRC**  
Thermal performance is designed into every product using British Fenestration Rating Council (BFRC) approved tests.



**nbs Plus**  
All of our products feature full specifications conforming to the National Building Specification (NBS) standard.

The **Wood Window Alliance**

**Wood Window Alliance**  
Backed by unbeatable guarantees, our products meet the strict performance, quality and sustainability standards of the Wood Window Alliance.



**Wood For Good**  
We support Wood For Good, the UK campaign to promote wood as a suitable and sustainable building material.

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For more information please  
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