

# GEORGE BARNSDALE

Est. 1884 —————

Always evolving – it's in our DNA!





Did you know humans share  
50% of their DNA with trees?

This might explain why the use of wood  
in our buildings has been shown to be good  
for our health, reduce blood pressure and  
lower stress levels. Wood isn't just good  
for the environment, it's essential for us too.

# Innovative solutions are in our DNA

“ Ever since my Great Great Grandfather George Barnsdale started the business more than a century ago, we’ve been leading research into timber windows – refining and re-engineering our windows and doors to be the best on the market today. It’s what we do... it’s in our DNA! ”

Tom Wright, Managing Director, George Barnsdale

## Preparing for the new millennium

During the 1990s we were the first UK window joinery company to install CAD and CNC machinery providing state of the art automation and processes. It was during this period that we became one of the first window companies to manufacture internal beading which improves performance, security and weathering.

## Helping to shape the industry

Stephen Wright is a former President of the British Wood Federation and a current Board member. He was also one of only two UK representatives on the EU SERVOWOOD project. We have also been involved in other pan-European studies, including a study into modification of timber with vegetable oil, and the Click Design project which aims to develop methods of assessing service life performance.

## Manufacturing for the future

Since the turn of the century we have invested heavily in our manufacturing technology and processes. Coupled with this our collaboration with the BRE (Building Research Establishment) has led to a number of factory developments, including the introduction of factory humidification (we are still one of the few companies that have this).

We also introduced a fully integrated software system and a state of the art paint facility. Further research with the BRE led to an innovative system to enhance the life of our insulated glazing units.

In order to keep our energy consumption to a minimum, we have installed solar panels and LED lighting throughout our factory and we use an electronic energy management system that constantly monitors and adjusts supply to ensure we only use as much energy as is essential.

## Launch of on-site R&D centre

In 2017 we opened the doors to our unique onsite research & development test centre where we can test the performance of our products including air permeability, water tightness, paint and stain performance (including UV), hardware salt spray testing, security and long term performance of double glazed units. The only manufacturer with such facilities in the UK and Europe, this facility means every detail is tested and verified to ensure our products are the absolute best they can be. For example, our patented sliding sash window has achieved the highest classification of BS6375 Part 1 for air permeability which means it performs as well as the best casement window.

## Continually moving forward

We are currently working with Vastern Timber to test the performance of British grown timber in our products as part of our sustainability commitment. We are also working with the BRE on a pan-European research project to develop a performance based specification tool to help architects confidently predict performance of timber windows and doors.

## Leading the way from the start

Established in 1884, George Barnsdale has a long history of designing and re-engineering timber windows.

Born innovators, we are a family firm that has been at the forefront of research since Fred Barnsdale first led the development of BS644 British Standard for Timber Windows in the 1930s.

## Powering into the future

After WWI we installed a huge array of the latest woodworking machinery. In 1924 electricity was installed to reduce our reliance on steam power.

## Improving performance and customisation

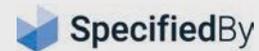
In 1989 we designed a new window range with a Government grant improving draughtproofing and adding a wide range of options to customise.

## Expanding our focus

In order to provide a full product and installation service, in 2002 we established our dedicated commercial arm.

We at George Barnsdale are **exceptionally proud of our products**. For almost 140 years, my family has been manufacturing wooden windows and doors on the same site in Lincolnshire. Throughout this time, we have led the way in innovation, craftsmanship and attention to detail. Such devotion to our craft is what has enabled us to stand the test of time, just like our products!

Tom Wright



## So what makes our windows and doors so special?



Research

Very few window manufacturers understand timber windows like we do. We have been researching ways to refine and perfect our products since the earliest days when we were involved in establishing BS644, the British Standard for wooden windows. We continue to work on UK and Pan-European research projects and even have our own on-site test centre where we developed our patented sliding sash seal to overcome the age old problem of air leakage between sashes.



Customisation

“ I love the fact that I could have an arched top with acoustic glass and colour matched paint. ”

Whether you want a black sliding sash window with hand drawn glass for a historic building or a hexagonal shaped pivot window for a traditional building, we can design a product that is as unique as your home.



Outstanding Performance

Thermal performance has never been more important in light of the current energy price rises and our windows and doors are among the highest performing in the UK. Complying to the latest Building regulation changes, we can cater for anything up to Passivhaus standard. Whether you are an expert in U values or a whizz on wind speed data and acoustics, we have the data you need. If U values don't mean much to you but you want to know your windows will keep you warm, safe and secure, you can rest assured our products will deliver.



Scan me to find out more about precision engineering



Excellent Security

Our windows and doors incorporate multiple locking points as standard and are certified to PAS 24 and Part Q and are also Secured by Design

### Long life, low maintenance



Our products are made using carefully selected FSC® certified timber and specially applied coatings in a humidity controlled factory. This ensures our products are long lasting with minimal maintenance.

### The Clearest View



Glazing plays an extremely important role in the overall performance of a window. All our glazing meets that of the Glass and Glazing Federation, the industry standard.

### Enduring Quality



Through combining highly sophisticated machine tooling and hand-finished workmanship we can ensure the highest levels of quality. All of our products are manufactured to the finest tolerances. Joints fit perfectly and seals are located with absolute accuracy to ensure the finished product is robust, weatherproof and aesthetically pleasing.

### Beauty



Whether you have a listed property or a contemporary city apartment, the effort and attention to detail that we put into all our designs mean our products will elegantly fit into your home whatever the style or era it comes from. Since they are bespoke, our products can be adapted to suit the requirements of your architect, planning department or conservation officer.

### Market Leading Guarantees



There are guarantees and there are George Barnsdale guarantees. Due to the efforts we go to in order to ensure our products perform exceptionally well and last more than 60 years, we are confident offering the most robust guarantees available. Our materials manufacturers also back our guarantees providing an extra level of assurance, although we have been around for 135 years and plan to be around for a further 135! We'll be here if you need us.



“ A lot of talk about sustainability is rubbish. ”

Find out why our MD Tom Wright said this, scan the QR code to find out about our approach to sustainability.



## We love the environment

We have always made our products from timber and our commitment to the environment extends beyond the FSC® certified timber we source and our sponsorship of the Woodland Trust. Environmentally friendly methods have been integrated throughout our Lincolnshire based site. We employ local people, many of whom cycle to work and we encourage the 3 r's of reducing, recycling and reusing.

We know we have more to do though! Despite being reusable, our packaging isn't as sustainable as we want it to be. We are actively searching for alternative methods of packaging. Some of our company vehicles remain petrol/diesel but we are moving over to electric vehicles and have on-site charging for staff.

Some of the initiatives we have implemented in the factory include:

### Reducing Waste

We work tirelessly to minimise the amount of waste sent to landfill:

- As part of our procurement process we only purchase specific lengths of our softwood timbers to help reduce waste;
- Through our automation process, the software system will match the timber dimensions for product manufacture automatically, ensuring only the correct length of timber is selected from storage (softwood);
- With a 300kw boiler on site, any excess timber is used to heat the factory and offices;
- Any remaining timber matter is then converted into briquettes which are sold to local residents for use in wood burning fires;
- To reduce paint waste we purchase the majority of our paint in 1,000 litre intermediate bulk containers and mix individual colours in house;
- All other waste is segregated for recycling.

### Saving energy through good design

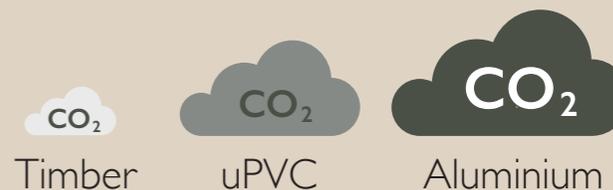
Timber is a natural insulator and, when coupled with high performance glass, offers excellent insulation against heat loss. In the design of our product range, we strive to optimise this natural potential. We were the first UK timber window and door manufacturer to produce an A rated timber window and are dedicated to having the widest range of energy rated timber products in the country. As well as excellent thermal performance, we design our products to last with little maintenance. This means that the production inputs are recovered many times over.

### Energy Consumption

We continuously strive to reduce our consumption of fossil fuels:

- Solar panels are installed on the roofs of our offices and factory. On average, over the course of a year, this produces 90kw per hour which is enough to power 21 homes;
- The factory's humidity control is delivered through a high pressure water system, which saves energy;
- Our main compressor is electronically controlled to reduce energy consumption;
- Similarly, each motor in our extraction system is electronically controlled to reduce energy consumption;
- Most of our lighting uses the most efficient LEDs currently available and turns off automatically when not required.

### Did you know?



From cradle to factory gate a uPVC window creates twice as much carbon as a timber window and an aluminium window creates almost **FOUR** times as much!  
(source Researchgate.net)

# Casement Windows



**Weather rating**  
Tested to exposure category 2000 – the highest classification



**Easy clean hinges**  
Fitted as standard allowing easy cleaning from the inside



**Acoustic performance**  
Great performance as standard and extensive test data to guide specification for optional enhanced acoustic performance



**Thermal performance**  
A rated as standard; Triple glazed options available



**Astragal bars**  
Available in a range of widths and styles



**Sustainability**  
Environmentally friendly designs, materials and processes



**Glazing**  
Single, double or triple glazing options



**Draught proofing (Wind load)**  
Dual seal design provides excellent draught proofing

*Find out further details on our website*



**Security**  
Tested to Pas 24, Secured by Design and Part Q compliant



Foundry collection monkey tail window handle finished in pewter

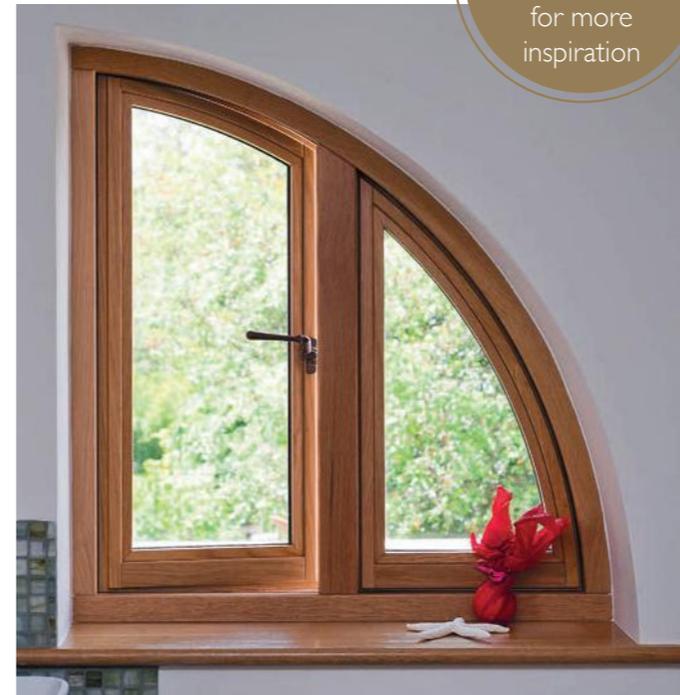
Casement windows are standard in millions of homes but ours are anything but ordinary. Available in a wide range of shapes and sizes, with or without glazing bars in any colour you can think of, they offer exceptional performance and beauty in equal abundance. Whether you live in an historic Grade II listed building or a contemporary new build, an Edwardian terrace or a medieval church conversion, our casement windows can be designed to match your requirements and that of the planning/conservation officers.

“ I am delighted with my bespoke arched window which cost less than I was expecting. ”

Visit our Instagram page for more inspiration



Classic collection ball end window handle finished in satin chrome





## The Gables

The Gables is a stunning new self-build house set amongst the rolling countryside of Ware, Hertfordshire. The owners visited the factory in Lincolnshire to see first hand how their windows and doors would be made. Impressed with what they saw, the couple signed off an order for 21 flush casement windows, 8 sets of french doors, 3 entrance doors including a stable door, a sliding doorset for the master bedroom and a statement front door with satin chrome hardware. All products are PAS 24 and Secured By Design. Made from FSC® certified timbers, they are also kind to the environment.



Scan me to take a tour of The Gables



Flush casement windows with classic collection hardware in satin chrome, and discrete trickle vents.

Three of the feature casement frames in the kitchen/family room have striking angle shapes and the couple have had specialist privacy glass that changes at the touch of a button using the home automation system which also manages all the lights and audio visual throughout the house.



Feature windows painted to match LG79 Normandy Grey with privacy glass



“ We have a ground source heating system and extra insulation throughout the house so we knew we wanted windows and doors that would help maintain the optimal energy efficiency overall. As a result, we knew we had to choose a company with fully tested performance and excellent guarantees and George Barnsdale fitted the brief. ”

Dual Colour Finish

We can provide dual colour windows and doors with a different colour inside to out or frame to sash.

- Three Farm Green LG306
- Normandy Grey LG79

# Tilt & Turn Windows



**Weather rating**  
Tested to exposure category 2000 – the highest classification



**Acoustic performance**  
Great performance as standard and extensive test data to guide specification for optional enhanced acoustic performance



**Thermal performance**  
A rated as standard; Triple glazed options available



**Security**  
Tested to Pas 24, Secured by Design and Part Q compliant



**Support of larger sizes**



**Astragal bars**  
Available in a range of widths and styles



**Sustainability**  
Environmentally friendly designs, materials and processes



**Draught proofing (Wind load)**  
Dual seal design provides excellent draught proofing

*Find out further details on our website*

These windows are designed to provide exceptional versatility and performance. Incorporating a dual hinge system, the window opens into the room from either the side or the top, making them ideally suited to buildings with external shutters. Period properties can opt for our Traditional tilt & turn which has been adapted to remain in keeping with the original aesthetic of the property.

**Tilt**

Rotating the handle by 90 degrees allows the window to tilt open for ventilation purposes.

**Turn**

Rotating the handle by 180 degrees allows the window to turn inwards. This enables easy cleaning of the outside glass and frame.



Scan me to view our tilt and turn windows



Limitless colour options available

We can match to any colour from any paint range, so you will be sure to find the perfect solution for your home.

Traffic White  
RAL 9016



“ The windows are absolutely perfect, the quality and appearance have actually exceeded our expectations. ”



Tilt & Turn window in tilt position



Tilt & Turn window fully open

# Sliding Sash Windows



## Weather rating

Tested to exposure category 2000 – the highest classification



## Thermal performance

A rated as standard; Triple glazed options available



## Security

Tested to Pas 24, Secured by Design and Part Q compliant



## Sustainability

Environmentally friendly designs, materials and processes



## Acoustic performance

Great performance as standard and extensive test data to guide specification for optional enhanced acoustic performance



## Astragal bars

Available in a range of widths and styles



## Accoya® linings

For added durability where it's needed



## Draught proofing (Wind load)

Dual seal design and unique patented sash seal both provide excellent draught proofing



Find out further details on our website



Wide choice of profile options available



Sash Pull & Fastener - Pewter, Sash Collection

Sliding sash windows have a timeless appeal and are ideal for period properties as well as traditional style newer homes. Featuring a choice of beautiful sash horns, astragal bars and elegant ironmongery, they offer ultra high performance on a par with the best casement windows.

Our range of historic windows is designed to satisfy planners with the option of single or slimline double glazing, various design options and our smooth cord and pulley system to assist you with your sympathetic replacement. If you don't have to adhere to strict planning rules but still wish to incorporate the charm and character of a sliding sash window you can opt for our spiral balance system which is ideal if you have a narrower window opening.



Box Sash



Half obscured glass and bottom sash horns



Sliding sash windows formed a core part of this transformation at the Ropewalks area of Liverpool, a beautiful Grade II listed Georgian building that has been converted into apartments and penthouse duplex apartments.



Before



After

# Walnut Tree

The walnut tree is a symbol of intelligence, wisdom, knowledge and inspiration. It is no surprise therefore that the owners of Walnut Tree cottage made some extremely wise and inspirational decisions when it came to their beautiful new build cottage in South Lincolnshire, including choosing George Barnsdale's windows and doors.

Having visited the showroom and taking a tour of the factory, the couple made their minds up. They were particularly impressed with the level of customisation available, the quality of the products and the wide range of colours available.



Classic collection polished brass hardware



Discrete trickle vents



 Visit our Pinterest page for more inspiration



Natural oak stain



“ We fell in love with our architect’s George Barnsdale windows and knew we wanted them. ”



# Pivot Windows



## Weather rating

Tested to exposure category 2000 – the highest classification



## Thermal performance

A rated as standard; Triple glazed options available



## Astragal bars

Available in a range of widths and styles



## Sustainability

Environmentally friendly designs, materials and processes



## Acoustic performance

Great performance as standard and extensive test data to guide specification for optional enhanced acoustic performance



## Security

Tested to Pas 24, Secured by Design and Part Q compliant



## Draught proofing (Wind load)

Dual seal design provides excellent draught proofing



*Find out further details on our website*

“ Pivot windows mean I can more easily clean them myself. They work brilliantly and look great. ”



 Visit our Instagram page for more inspiration



Our pivot window offers a simple opening mechanism that enables the window to turn 180 degrees and enables easy cleaning of the window from within the property. Extremely robust, the system will support a range of shapes and sizes where it is possible to have a single sash measuring up to 23 x 2.2m and weighing up to 200kg.



# Yorkshire Sash Windows



**Weather rating**  
Tested to exposure category 2000 – the highest classification



**Acoustic performance**  
Great performance as standard and extensive test data to guide specification for optional enhanced acoustic performance



**Choice of profiles**  
Whether you want thick or thin we can implement what you want



**Sustainability**  
Environmentally friendly designs, materials and processes



**Smooth operation**  
Featuring an innovative track system with concealed rollers, the window opens and closes smoothly with minimal effort



**Historic option**  
Available as historic option ideal for listed and conservation properties



**Security**  
Tested to Pas 24, Secured by Design and Part Q compliant



**Draught proofing (Wind load)**  
Dual seal design provides excellent draught proofing



Find out further details on our website

From windmills to traditional stone cottages, the Yorkshire sash is a charming addition to the George Barnsdale range.

Often referred to as a horizontal sliding sash, the Yorkshire sliding sash window design couples a smooth gliding mechanism with advanced draught proofing using our patented seal system to provide unrivalled performance. Available with left and right sliding as well as fixed, narrow sash rails are also available for historic properties to meet strict conservation and listed property planning requirements.



# Bay Windows



“ Love our bay window and the fact we could have stained leaded glass. ”

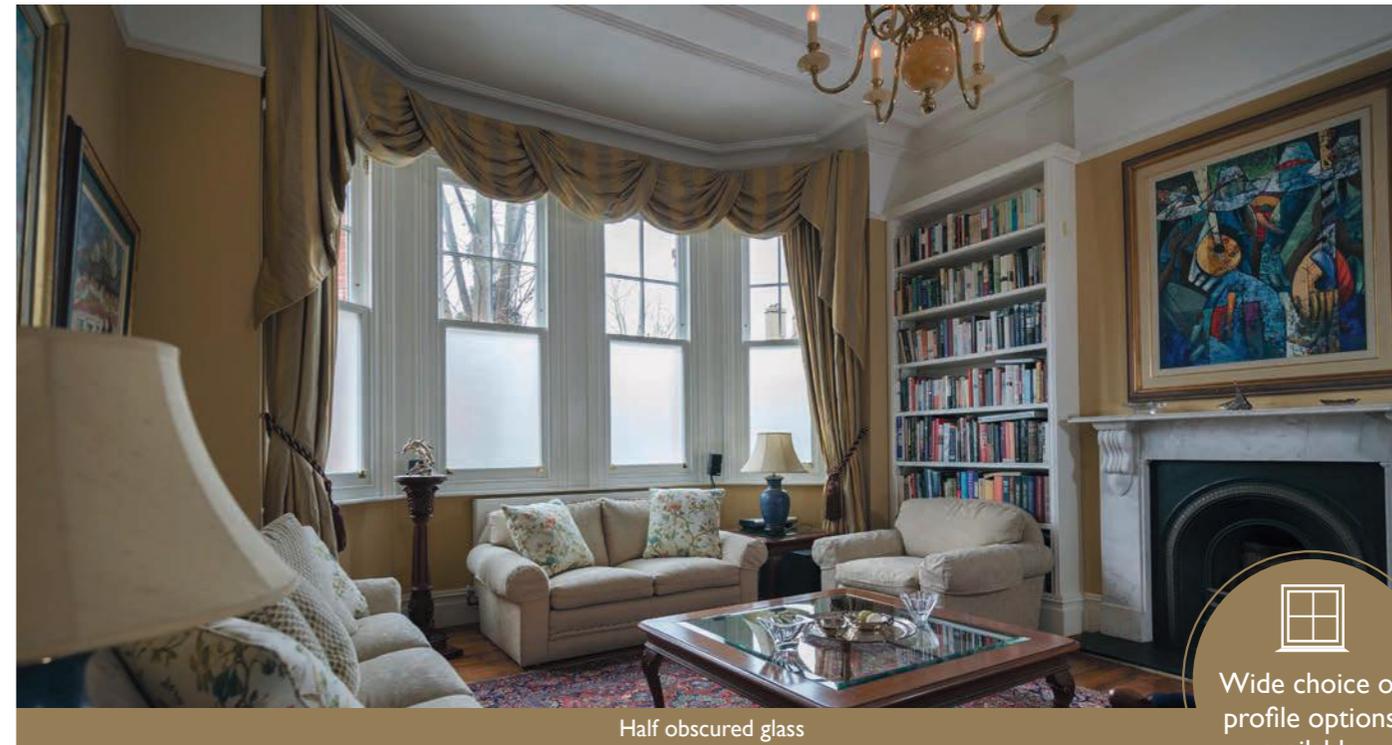
Limitless colour options available

We can match to any colour from any paint range, so you will be sure to find the perfect solution for your home.

Night Blue  
RAL 5022



Bay windows are an attractive feature in many homes, flooding them with light and giving smaller rooms a more open, spacious feel. Available in casement or sliding sash with optional bars, they can be made up of multiple panels creating the impression of a curve or more angular shape as required.



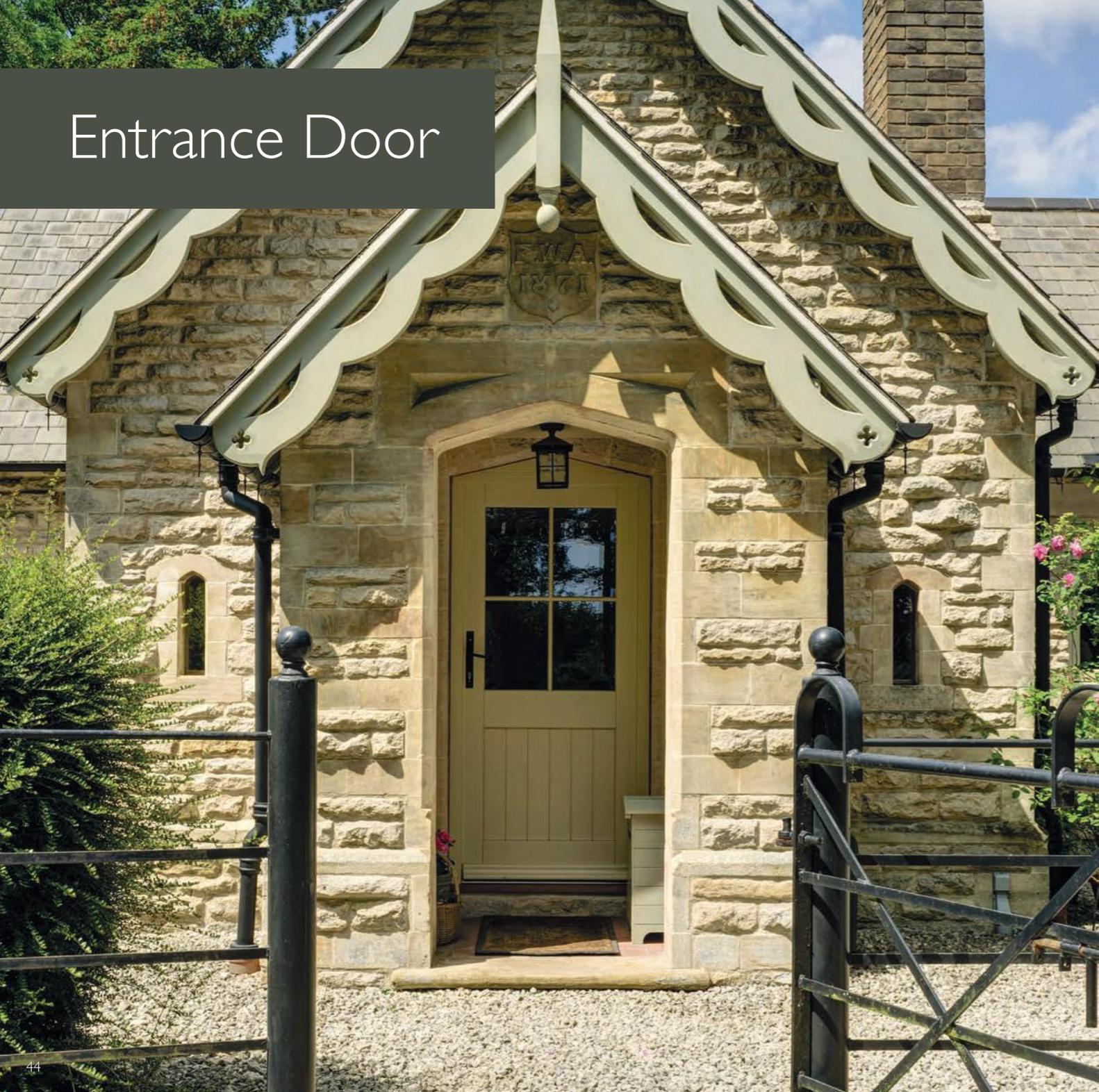
Half obscured glass

Wide choice of profile options available



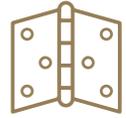
“ The windows are absolutely perfect, the quality and appearance has actually exceeded our expectations. ”

# Entrance Door



## Weather rating

Tested to exposure category 2000 – the highest classification



## Adjustable hinges

Finest adjustments to ensure optimal fitting, closing perfectly all year round



## Security

Tested to Pas 24, Secured by Design and Part Q compliant



## Acoustic performance

Great performance as standard and extensive test data to guide specification for optional enhanced acoustic performance



## Security laminated glazing

For improved acoustic performance and safety



## Thermal performance

A rated as standard; Triple glazed options available



## Sustainability

Environmentally friendly designs, materials and processes



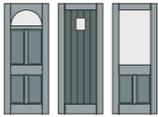
## Draught proofing (Wind load)

Dual seal low threshold provides performance with only a 15mm step



*Find out further details on our website*



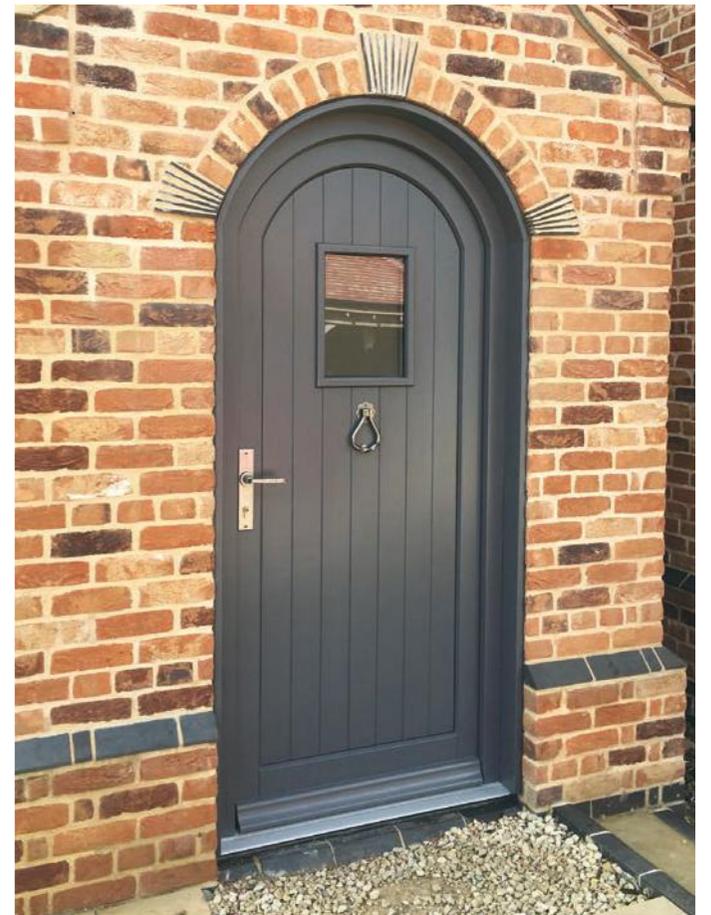

  
**Door Style Options**  
 We can manufacture to any design specification, offering a wide range of configurations, meaning that we can meet any bespoke needs.



Our entrance doors exude an air of quality, are extremely high performing and come with multipoint locking systems and are security tested to PAS 24 and Secured by Design. Our doors come in hardwood as standard with multiple stains and standard colours as well as a comprehensive colour matching service. No matter what period your property, we have front doors to suit your needs, whether the building dates back to historic times or is a contemporary new build.



Classic collection escutcheon finished in satin chrome



We offer a number of obscure glass options to help retain privacy, in addition to etched, sandblasted and stained glass.



# Single & Stable Doors



## Weather rating

Tested to exposure category 2000 – the highest classification



## Thermal performance

A rated as standard; Triple glazed options available



## Security laminated glazing

For improved acoustic performance and safety



## Sustainability

Environmentally friendly designs, materials and processes



## Acoustic performance

Great performance as standard and extensive test data to guide specification for optional enhanced acoustic performance



## Security

Tested to Pas 24, Secured by Design and Part Q compliant



## Adjustable hinges

Finest adjustments to ensure optimal fitting, closing perfectly all year round



## Draught proofing (Wind load)

Dual seal design provides excellent draught proofing



Find out further details on our website



“ Having dogs, it’s great to be able to open the top half of the door to let in air and keep them inside. ”

Our traditionally styled single 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.

**Dual Colour Finish**

We can provide dual colour windows and doors with a different colour inside to out or frame to sash.

Three Farm Green LG306

Traffic White RAL 9016

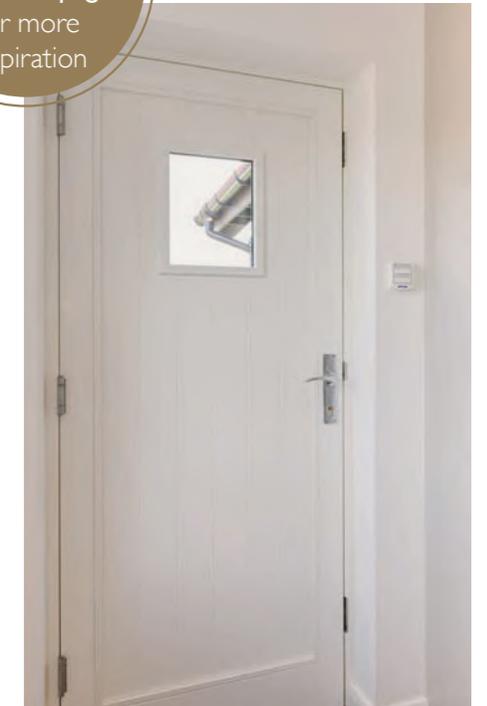


Foundry Collection, Cottage handle finished in black

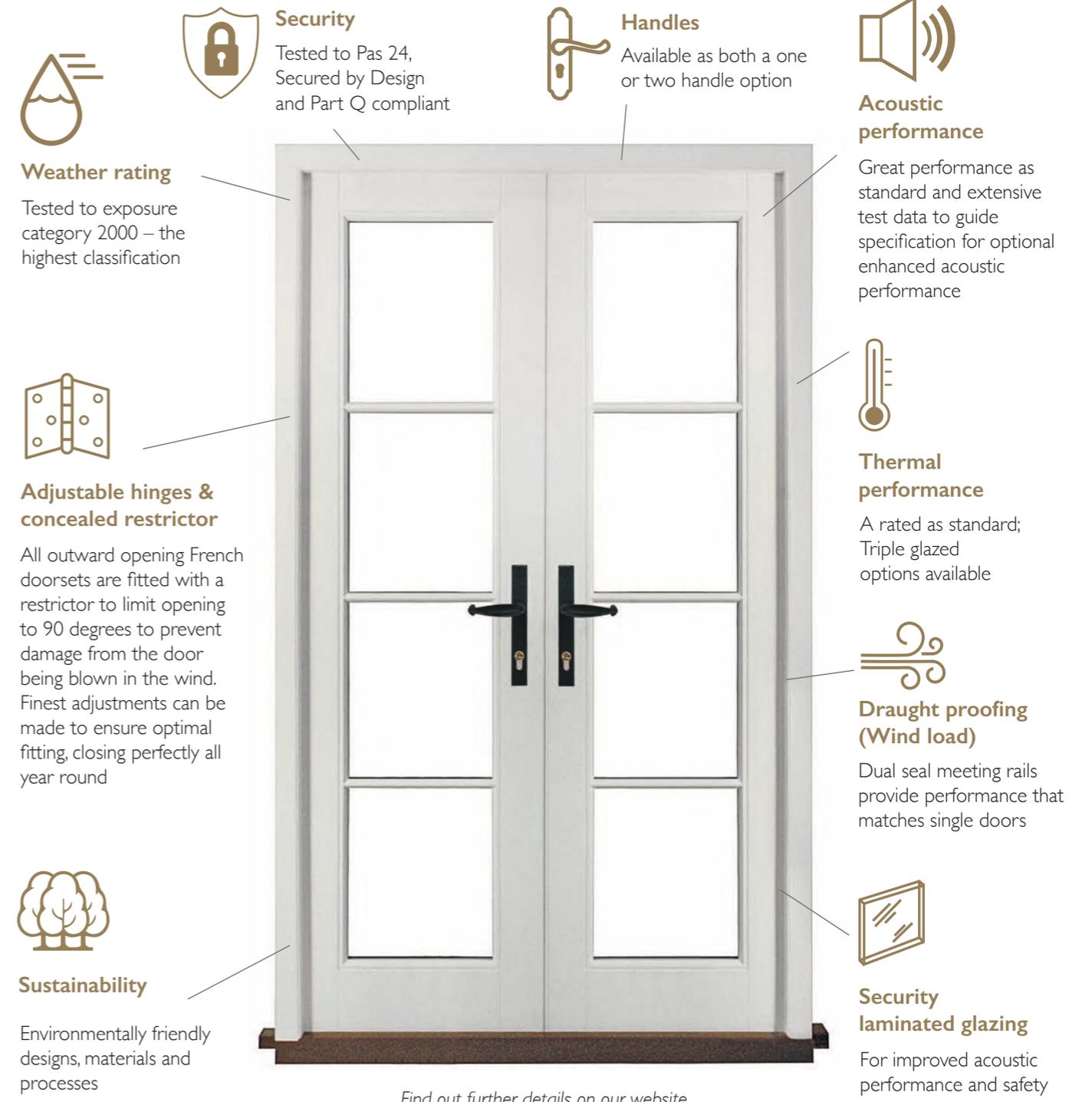




Visit our Pinterest page for more inspiration



# French Doors



Find out further details on our website



“ I am very happy with George Barnsdale – this was my second set! ”

French doors provide a timeless appeal and are a beautiful enhancement to any traditional or modern home. They offer an effortless link between home and garden and have an undeniable charm and simple elegance.

Our French doors have multipoint locking systems that provide exceptional levels of performance (tested to PAS 24 and Secured by Design) and can be supplied single or double glazed with putty glazing for listed/conservation properties. We also offer a choice of either one or two handles.



## South Lodge

A former gatehouse in Lincolnshire, completed over ten years ago, we recently went back to see how the windows and doors are doing. They have not needed to be repainted and the owners simply clean them with water and a mild soap solution. In addition to looking beautiful, they are still performing as well as ever keeping the house warm in winter and cool in summer as well as blocking noise from the nearby busy road.





“ We are delighted with our windows and doors, they have exceeded our expectations and look as good today as they did when we had them installed 11 years ago. ”



Foundry Collection monkey tail handle, finished in black



# Bifold Doors





**Acoustic performance**

Great performance as standard and extensive test data to guide specification for optional enhanced acoustic performance



**Thermal performance**

A rated as standard; Triple glazed options available



**Security laminated glazing**

Option for improved acoustic performance and safety



**Bottom hung**

Bottom hung bifolds also available. Ideal for oak framed projects



*Find out further details on our website*



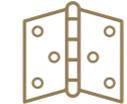
**Draught proofing (Wind load)**

Dual seal design provides excellent draught proofing



**Security**

Tested to Pas 24, Secured by Design and Part Q compliant



**Adjustable hinges & magnetic catches**

Allow doors to slide and lock smoothly all year round



**Weather rating**

Tested to exposure category 2000 – the highest classification



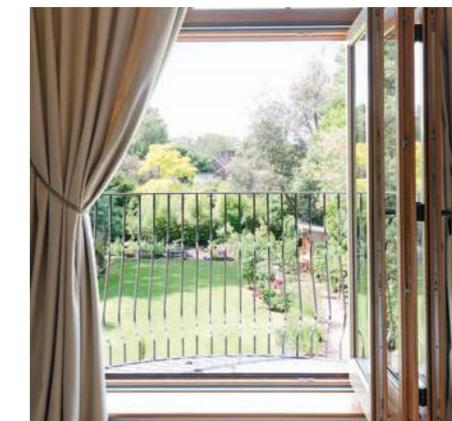
**Sustainability**

Environmentally friendly designs, materials and processes



Our bifold doors are elegant, incredibly secure and glide better than almost any other on the market. Available in a range of standard or bespoke colours, they have low profile aluminium thresholds to provide an uninterrupted transition between your home and outdoor space.

With weather seals incorporated into the door leaves and within the track, the thermal and weather performance is also exceptional. Double and triple glazing is available with some designs allowing acoustic glass options. Choose from inward or outward opening and consider dual colour if you fancy having a different colour inside to out.





**Door Configurations**

We can manufacture to any design specification, offering a wide range of configurations, meaning that we can meet any bespoke needs.



## Leyburn

Situated near Wensleydale, this characterful farmhouse and barn recently underwent an extensive renovation. In a bid to maximise the stunning views, the homeowners opted for large bi-fold doors and fully glazed side doors that beautifully frame the views over the fields of poppies and wild flower meadows.

Alongside this, the couple chose a mix of spiral balanced sliding sash windows and traditional flush casements which successfully marry the traditional style of the farmhouse with the more contemporary style of the barn conversion.



  
Visit our  
Instagram page  
for more  
inspiration



“ We are really pleased with the windows and doors, not only do they look amazing, but they also perform exceptionally well, which is important to us living in an exposed area of North Yorkshire! I love the fact that I don't have to repaint them for at least ten years. ”

# Sliding Doors



**Acoustic performance**

Great performance as standard and extensive test data to guide specification for optional enhanced acoustic performance



**Secure ventilation**

The specialist handle enables the door to be locked with a 10mm gap to provide secure ventilation



**Security laminated glazing**

Option for improved acoustic performance and safety



**Thermal performance**

A rated as standard; Triple glazed options available



**Draught proofing (Wind load)**

Dual seal design provides excellent draught proofing



**Security**

Tested to Pas 24, Secured by Design and Part Q compliant



**Sustainability**

Environmentally friendly designs, materials and processes

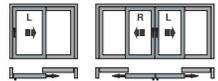


**Weather rating**

Tested to exposure category 2000 – the highest classification

*Find out further details on our website*

“ Our door looks great and is suitably solid in construction. ”



Door Configurations

We can manufacture to any design specification, offering a wide range of configurations, meaning that we can meet any bespoke needs.

Door fully open



The great advantage of sliding patio doors is the extent of uninterrupted glass that they allow when closed. This results in increased natural light and an unobstructed view of the outside landscape. Our highly insulated threshold also significantly reduces the chance of condensation.

A range of options are available including soft close mechanisms, low threshold cills for seamless transition, motorised operation & electronic locking. We are also able to accommodate sash weights up to 400kg.



Door partially slide open



## Tilt & Sliding Door

With the ability to provide ventilation without having to slide the entire door, our tilt & sliding doors offer outstanding functionality and flexibility. This makes the doorset the perfect solution for Juliet balconies where ventilation and uninterrupted views are the main priorities.

Rotating the handle anti-clockwise by 90 degrees allows the top of the door panel to tilt inwards, providing an opening for ventilation. For security the handle can be locked in this position.



Door fully open



Door both in tilt position on left and fully open on right

“ These are beautiful pieces of joinery ”

# Limitless Paint & Stain Options

*Timber windows and doors in any colour you like but always green*

Whatever colour you envisage for your beautiful new eco-friendly windows & doors, we can mix the paint and create any colour you desire, but if you need some inspiration we offer a range of standard finishes which are a collection of our most popular paint and stain colours:



Traffic White  
RAL 9016



Pure White  
RAL 9010



Light Ivory  
RAL 1015



Cream  
RAL 9001



Oyster White  
RAL 1013



Pebble Grey  
RAL 7032



Cement Grey  
RAL 7033



Dusty Grey  
RAL 7037



Slate Grey  
RAL 7015



Moss Grey  
RAL 7003



Tarpaulin Grey  
RAL 7010



Anthracite Grey  
RAL 7016



Jet Black  
RAL 9005



Blue\*  
BS18E50



Night Blue  
RAL 5022



Pale Green  
RAL 6021



May Green\*  
RAL 6017



Zinc Yellow\*  
RAL 1021



Yellow Orange\*  
RAL 2000



Light Pink\*  
RAL 3015



Traffic Red\*  
RAL 3020



Purple Violet\*  
RAL 4007



Light Oak  
(shown on  
Grandis Hardwood)



Natural Oak  
(shown on  
European Oak)



Natural Oak  
(shown on  
Grandis Hardwood)



Dark Oak  
(shown on  
Grandis Hardwood)



Teak  
(shown on  
Grandis Hardwood)



Mahogany  
(shown on  
Grandis Hardwood)



Walnut  
(shown on  
Grandis Hardwood)



Ebony  
(shown on  
Grandis Hardwood)

If the colour you're looking for is not included in our standard range, we can offer thousands of other options from the RAL Classic, Design and Effect ranges, as well as British Standard and NCS colours. We also offer complementary colour matching of all leading manufacturers' paint ranges. Ensuring you get the perfect colour for your home!





## Our Four Stage Paint Process

The type of coating and how it is applied significantly contributes to the longevity of any timber window or door. To avoid any timber window or door requiring laborious annual maintenance, we have spent years researching the application of timber coatings.

The outcome is a sophisticated coating system and the best possible environment for coating application. Our advanced four stage coating system provides maximum protection to the timber, whilst allowing it to breathe and let its natural beauty show through:

1

Surfaces are prepared and a basecoat preservative applied using the flowcoating machine where products are deluged with preservative.

2

Mid flow coat of preservative applied to penetrate drain holes and joints – Left in a moist flash off area to allow time for the preservative to penetrate the timber fully.

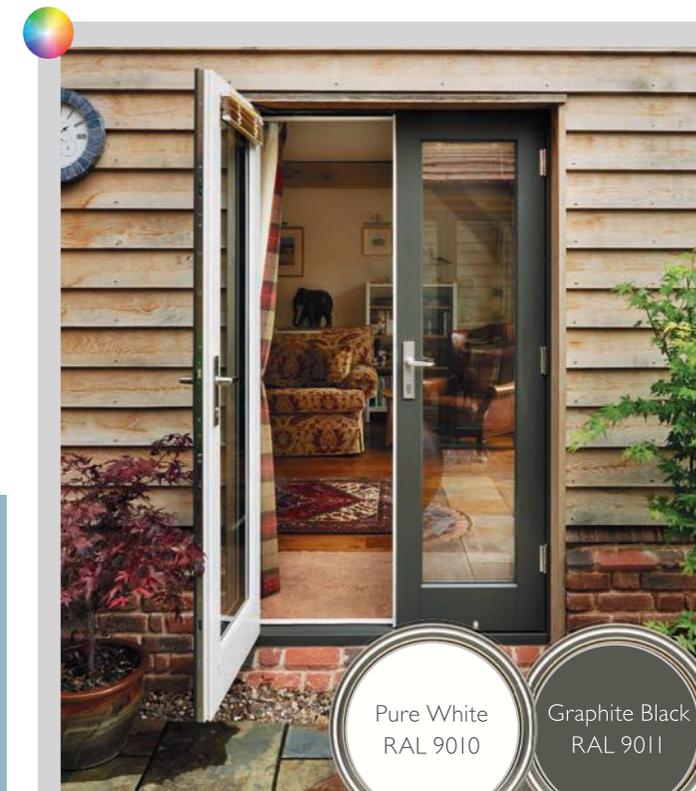
3

Following the denibbing (smoothing) and sealing of all V joints and exposed end grain seals, a mid coat of micro porous paint is applied by the robotic paint system.

4

Top coat of micro porous paint applied by robot to give a long lasting finish. The drying process begins in a flash off area to allow the paint to settle before it enters the drying tunnel.

“ It was difficult to find the right windows to complement the architectural design which contains classical stonework. The windows exceeded my expectations of quality and are a perfect match to my requirements. ”



We can provide **dual colour windows** and doors with a different colour inside to out or frame to sash.

Dual colour enables your windows and doors to complement the interior of your home, whilst reflecting the character of the exterior. Whether you have a traditional cottage or are looking for a contemporary twist you can match the paint to suit your home.



# Installation Service

We know that replacing wooden 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 through an ever growing network of local Approved Partners that provides exceptional craftsmanship and outstanding customer service.

## Our localised service

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.

## Our Approved Partners are committed to delivering to you:

- Exceptional craftsmanship
- Outstanding customer service
- Excellent aftersales service
- All required accreditations and insurance requirements

## How we work with you

When you make an enquiry, we will put you in touch with your local Approved Partner, who will offer a complete start-to-finish service.

To make sure you get exactly the wooden windows and doors your property deserves, our local Approved Partner will work with you every step of the way. This includes:

- Advice on product specifications and period features relevant to your home
- Guidance on building regulations and planning authorities
- On-site measurement
- Installation
- After sales support
- Showroom and home appointments

If you're ready to discuss your new George Barnsdale wooden window and doors we can arrange for a local Approved Partner to visit and discuss your plans in further detail.



“ It's been a couple of months but I still smile when looking at the windows. ”



# Our products are 100% made in the UK

We are proud to be one of very few timber window and door manufacturers to still manufacture 100% of our products in the UK and we encourage our customers to visit our factory in Lincolnshire to witness first hand the way we work.

With our own on-site research and development unit and state of the art technology, you can be assured of getting the very best products that look and perform to the highest standards. Alongside this, our commitment to environmental sustainability can be seen throughout the site, from the solar panels on the roof to the laser precision cutting machines that minimise waste and the heating system that is fuelled by timber off cuts and many more initiatives.



Scan me to take a virtual tour of our factory



Contact us now to arrange your one to one factory tour.

©George Barnsdale. All Rights Reserved. Please note, due to the continuous development of our range of timber windows and doors, we reserve the right to make changes to specifications which means that the detail in this brochure may not be entirely current. Please check our website for the most up-to-date specifications.

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