



Crafted to respect
the character of
period architecture.



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The images in this brochure are for illustrative purposes only. They have been included to provide a visual representation and an idea of the intended aesthetic. The actual design finish and layout may vary from project to project.

01

Introduction

Replacing windows or doors in a period property demands experience, careful judgement, and a deep respect for the architecture. At Sash Windows London, we specialise in timber windows and doors designed for traditional buildings.



Founded in 2005, the company has grown through recommendations from homeowners across London and the South East. Our team works regularly on properties in conservation areas and listed buildings, advising on designs that respect the character and proportions of historic architecture.

Every window and door is made to order and crafted using carefully selected timber and modern glazing systems. Each design is developed to retain the scale and detailing associated with traditional joinery while meeting the performance standards expected in modern homes.

From the first consultation through to installation, projects are managed by specialists familiar with the requirements of historic buildings and careful replacement work.



Our Approach

Understanding London's period architecture.

Working Within Conservation Guidelines

Many of our projects involve period buildings where careful planning and sensitive design are essential. Our team regularly works within conservation guidelines and understands the importance of maintaining original proportions, sightlines, and detailing.

We take the time to understand each property in detail before recommending a solution that complements its architecture and character.

It's this local knowledge and careful approach that allows us to deliver installations that feel entirely in keeping with the property – improving comfort and efficiency while preserving what makes these homes special.

Working across London and the surrounding areas, we understand the character of the homes we work in. From quiet residential streets to busy conservation areas, every property has its own history and architectural identity.





Our Process

A carefully managed approach from consultation to installation.

STEP 01

Initial Visit

Arrange a home visit with our team. We review your property, discuss your requirements, and offer guidance on the most suitable solutions for your home.

STEP 02

Quotation

Following the consultation, we prepare a detailed quotation outlining the recommended products and specification.

STEP 03

Showroom Visit

You are welcome to visit our showroom to view the products in person and finalise any remaining design details.

STEP 04

Confirmation

Once you approve the quotation, we prepare a formal order and confirm the details of your project.

STEP 05

Site Survey

A full survey is carried out to take precise measurements and confirm installation requirements.

STEP 06

Manufacture & Delivery

Your windows or doors are manufactured to order in the UK. We will keep you informed and arrange a convenient installation date.

STEP 07

Installation

Our experienced installers carry out the work with care and attention to your home, ensuring the installation is completed to the highest standard.

STEP 08

Sign Off

Once the installation is complete, we demonstrate the operation of your new windows or doors and provide guidance on care and maintenance.

04

Timber Sash Windows



- 01 Traditional Timber Sash Windows
- 02 Heritage Timber Sash Windows
- 03 Fasteners & Restrictors
- 04 Stops
- 05 Accessories
- 06 Technical Drawings
- 07 Technical Specifications

Timber Traditional Sash Windows



Across London's terraces and townhouses, sliding sash windows remain an unmistakable part of the architecture. Their narrow glazing bars, balanced proportions, and vertical movement have shaped the character of these buildings for centuries.

Our timber sash windows are made to respect that heritage. Each window is produced to order, allowing the proportions, mouldings, and glazing layout to be carefully aligned with the existing architecture of the property.

With modern glazing and carefully engineered timber frames, these windows deliver the comfort and efficiency expected from a contemporary system while preserving the elegance of traditional joinery.

Crafted to preserve the character of period architecture.



TRADITIONAL BALANCE SYSTEMS

Where appropriate, windows can be manufactured with the traditional cords-and-weights system found in historic sash windows. A spiral balance mechanism is also available when a slimmer frame is required to maximize glass area.



(TIMBER SASH WINDOW WITH ASTRAGAL BAR)



Timber Heritage Sash Windows

Traditional detailing carefully recreated.

Many period homes require a more considered approach when replacing windows, particularly those located within conservation areas or listed buildings where preserving the original appearance of the property is essential.

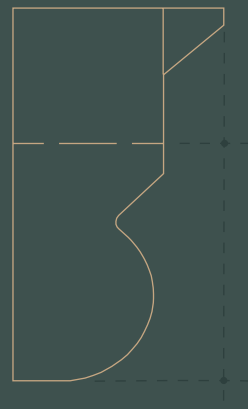
Working with historic properties often means navigating planning requirements and conservation guidelines. Our team regularly works alongside homeowners, architects, and local authorities to ensure replacement windows meet these expectations while improving comfort within the home.

Slimline double glazing and vacuum glazing options allow the slender proportions of traditional sash windows to be maintained while upholding thermal and acoustic performance.

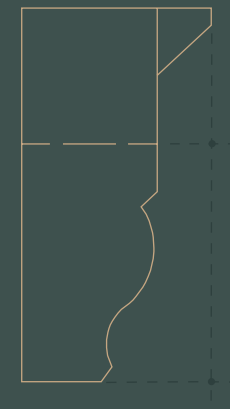


Authentic Period Joinery

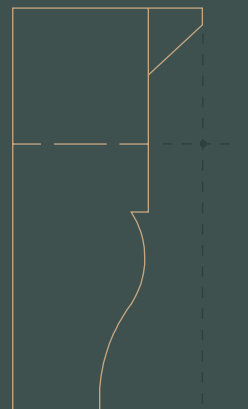
Each window is designed for its individual opening, allowing traditional details such as run-through glazing bars, decorative mouldings, and period horn profiles to be carefully recreated by skilled joiners.



WESTMINSTER HORN



RICHMOND HORN



KENSINGTON HORN

(HERITAGE TIMBER SASH WINDOWS AND FRENCH DOORS)



(VICTORIAN TIMBER SASH WINDOW)



(TIMBER HERITAGE TRIPLE SASH WINDOW)



Fasteners & Restrictors

Fitch Fasteners

				
POLISHED CHROME	SATIN CHROME	POLISHED NICKEL	SATIN NICKEL	POLISHED BRASS
				
ANTIQUE BRASS	RUMBLER BRASS	RUMBLER PEWTER	BRONZE	BLACK

Claw Fasteners

				
POLISHED CHROME	SATIN CHROME	SATIN NICKEL	POLISHED BRASS	ANTIQUE BRASS
				
BRONZE				

Available in a range of traditional styles and finishes, our timber sash window furniture is designed to complement both the function and appearance of each window. From fasteners and restrictors to stops and accessories, options include polished chrome, brass, antique finishes, and darker heritage tones.

Brighton Fasteners



POLISHED CHROME



SATIN CHROME



POLISHED BRASS



ANTIQUE BRASS



BRONZE

Shark Fin Restrictors



POLISHED CHROME



SATIN CHROME



POLISHED NICKEL



SATIN NICKEL



POLISHED BRASS



ANTIQUE BRASS



RUMBLED BRASS



RUMBLED PEWTER



BRONZE



BLACK

Angel Restrictors



POLISHED CHROME



SATIN CHROME



POLISHED BRASS



ANTIQUE BRASS

Stops

Flush Sash Stops



POLISHED CHROME



SATIN CHROME



POLISHED BRASS



ANTIQUE BRASS



RUMBLED BRASS



RUMBLED PEWTER



BRONZE



BLACK

Sash Stops



POLISHED CHROME



SATIN CHROME



POLISHED BRASS



ANTIQUE BRASS



BLACK

Accessories

Lift Hooks



POLISHED CHROME



SATIN CHROME



POLISHED NICKEL



SATIN NICKEL



POLISHED BRASS



ANTIQUE BRASS



RUMBLED BRASS



RUMBLED PEWTER



BRONZE



BLACK

Pulley Wheels



POLISHED CHROME



SATIN CHROME



POLISHED BRASS



ANTIQUE BRASS



RUMBLED BRASS



RUMBLED PEWTER



BRONZE



BLACK

Ring Pulls



POLISHED CHROME



SATIN CHROME



POLISHED NICKEL



SATIN NICKEL



POLISHED BRASS



ANTIQUE BRASS



RUMBLED BRASS



RUMBLED PEWTER



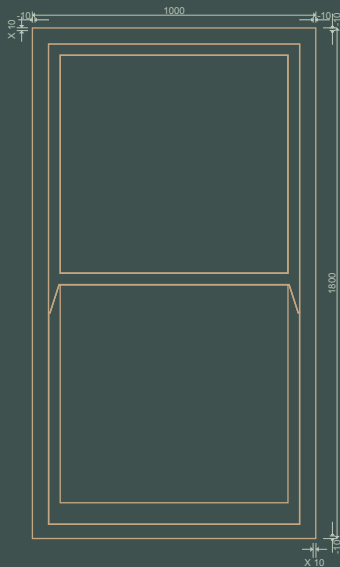
BRONZE



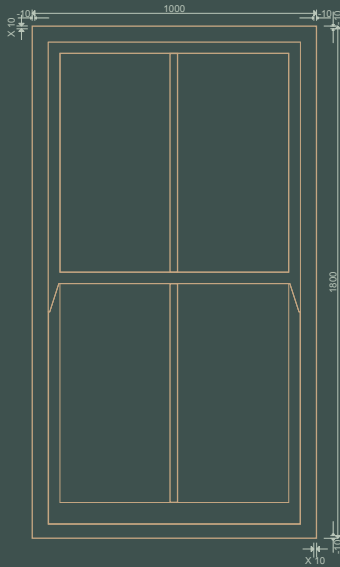
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Technical Drawings

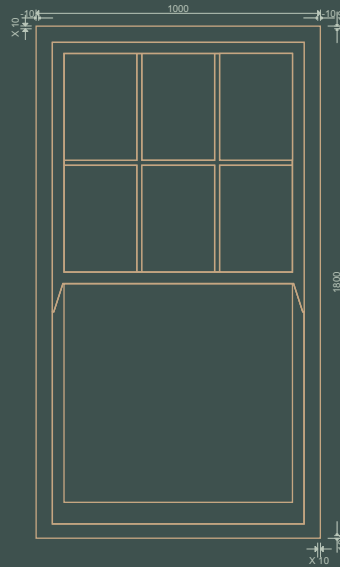
Our sash window ranges are available in a variety of configurations to suit different property styles and architectural requirements. The drawings shown here illustrate some of the most common arrangements and glazing layouts.



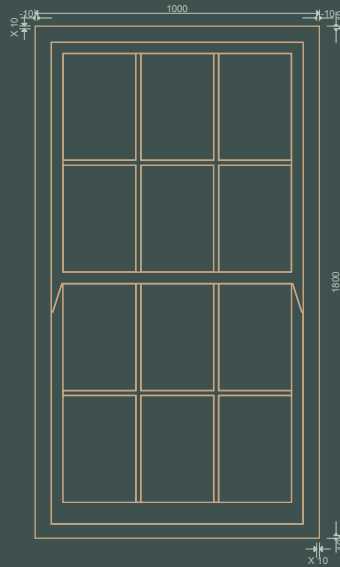
SASH 1



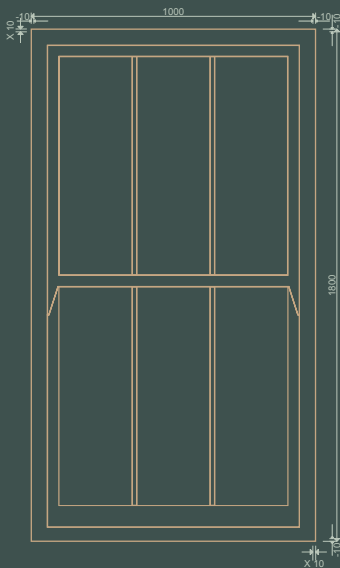
SASH 2



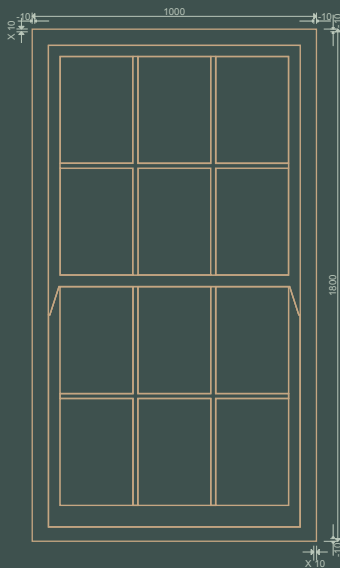
SASH 3



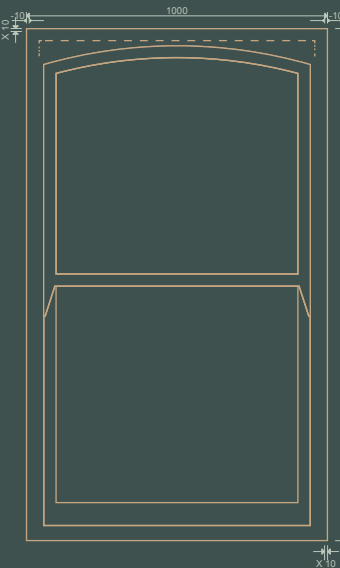
SASH 4



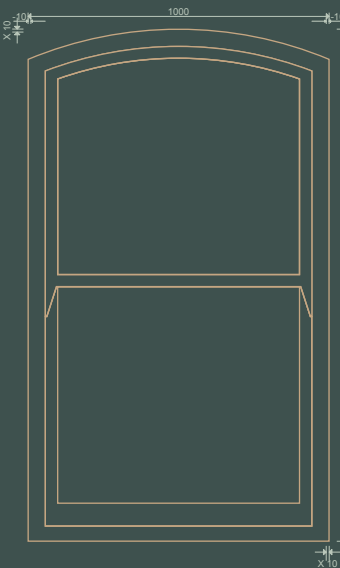
SASH 5



SASH 6



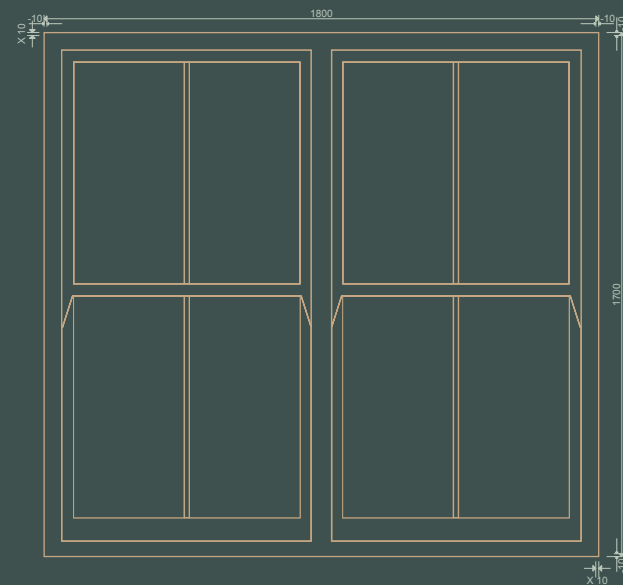
SASH 7



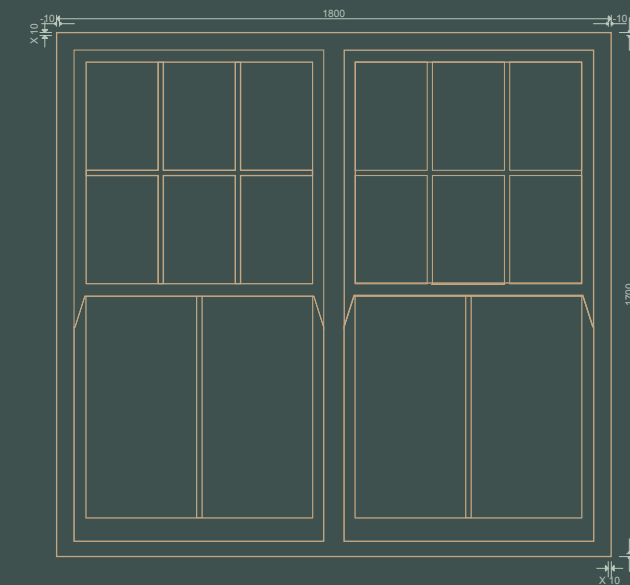
SASH 8

Technical Drawings

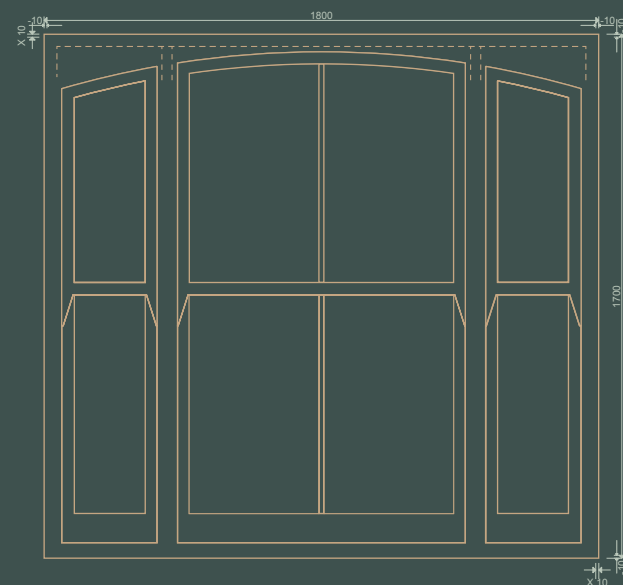
Our sash window ranges are available in a variety of configurations to suit different property styles and architectural requirements. The drawings shown here illustrate some of the most common arrangements and glazing layouts.



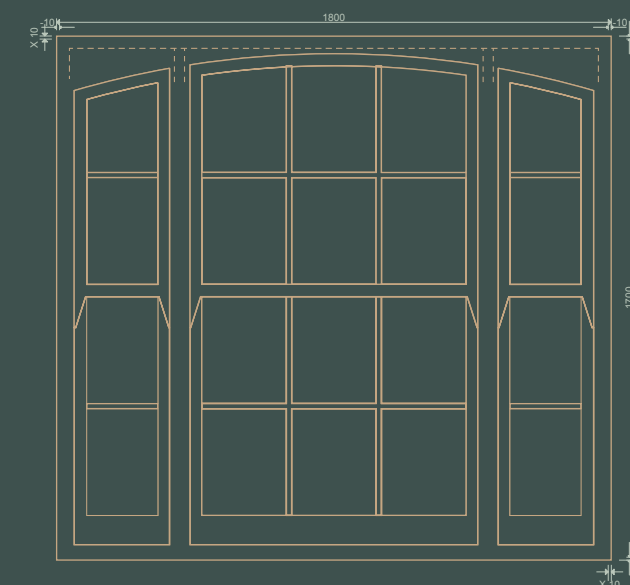
SASH 9



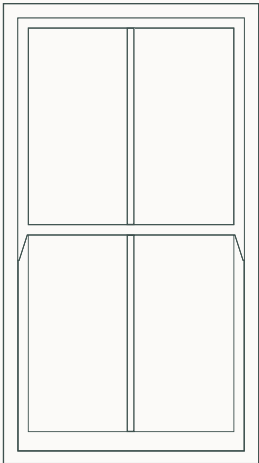
SASH 10



SASH 11



SASH 12



Traditional Box Sash Windows are the enduring design of grand Georgian houses, Victorian villas and elegant Edwardian homes.

Sash Windows London Sliding Sash Windows offer an authentic conservation replacement to retain the traditional features of a period property renovation.

The window provides excellent energy efficiency and security performance, making it an ideal choice for both refurbishment and new build projects.

Specification

OUTER FRAME OPTIONS:

Head & Jambs:	Cill:	Mullion:
104mm x 158mm	67mm x 158mm	98mm or 141mm

SASH:

Top Rail & Stiles:	Bottom Rail:	Mid Rails:
56m x 56mm	83mm x 56mm	40mm x 56mm

SASH PROFILE OPTIONS:

A – Ovolo	B – Lambs Tongue
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CILL EXTENSION OPTIONS:

A – Standard	B – 47mm	C – 62mm	D – 87mm
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GLAZING:

Glazing Unit:	Options:	Outer Perimeter:	Cavity:
24mm Low E sealed (4mm/16mm/4mm)	Obscure, Sound Control, Toughened, Laminated	White warm edge spacer (standard), black or grey available	Argon filled

Glazing System:	Additional Glazing Units:
Security bead	12mm, 14mm, assortment of Vacuum Glazing, Triple (some)

Design Options

Lambs Tongue or Ovolo sash & glazing bars	Choice of sash horn styles (pg. 16–17)	Heritage slim-glass unit bead option	Slim outerframe & sash options
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Design Features

Tested to PAS 24:2016	Special PAS 24 security catch	Deventer superior weatherseals
Fully suited window & door system	Choice of Square, Ovolo or Lambs Tongue Bead	External Liners

Hardware/Fittings

HARDWARE:

Options (2 sash catches fitted if frames are PAS 24 security):
Sash Catch, Sash Lifts, Sash Restrictors, Barrel Security Lock

HANDLE FINISH OPTIONS:

A – Polished Chrome	B – Satin Chrome	C – Antique Brass	D – Oil Rubbed Bronze	E – Brass
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TRICKLE VENT:

Concealed trickle vent through head 4600 EA	Trickle vent through top sash exposed	Trickle vent through head exposed
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Test Data

BS6375 PART 1:

Air Permeability Class 3	Watertightness Class 8A to 450PA	Resistance To Wind Load Class C5
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ACOUSTIC RATING:

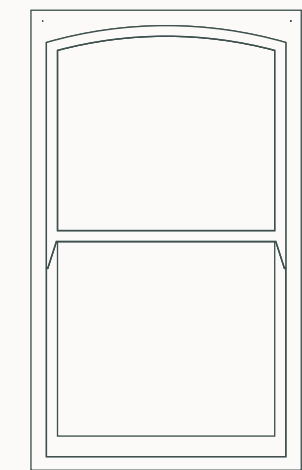
RW(C;Ctr) = 31 db	Potential = RW(C;Ctr) = 39db with acoustic laminated glass
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THERMAL RATING: If U values need to be lower, please enquire to discuss alternative glazing methods

U-Value 1.2w/m2k

SECURITY:

PAS 24:2016
Lignum Window System



Timber Spiral Balance Sash Windows are the modern alternative to the traditional box sash, making them ideal for new as well as traditional properties.

Spiral balance mechanism is a modern counterbalance system used in sash windows to make opening and closing smooth and effortless. Instead of traditional weights and cords, it uses a concealed spring loaded spiral housed inside the frame. As the sash moves up and down, the spiral twists and is held in place by a spring which is set to the weight of the window. Spiral balance windows provide excellent energy efficiency and security performance an ideal choice for both refurbishment and new build projects.

Specification

OUTER FRAME OPTIONS:

Head & Jambs: 57mm x 158mm	Cill: 67mm x 158mm <i>(Standard)</i>	Mullion: 98mm, 141mm, 198mm
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SASH:

Top Rail & Stiles: 56m x 56mm	Bottom Rail: 83mm x 56mm	Mid Rails: 40mm x 56mm
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SASH PROFILE OPTIONS:

A – Ovolo	B – Lambs Tongue	Optional Horn Detail
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CILL OPTIONS:

A – Standard	B – 47mm	C – 62mm	D – 87mm
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GLAZING:

Glazing Unit: 24mm Low E sealed <i>(4mm/16mm/4mm)</i>	Options: Obscure, Sound Control, Toughened, Laminated	Outer Perimeter: <i>White warm edge spacer (standard), black or grey available</i>	Cavity: Argon filled
Glazing System: Security bead	Additional Glazing Units: 12mm, 14mm, assortment of Vacuum Glazing, Triple <i>(some)</i>		

Design Options

Lambs Tongue or Ovolo sash & glazing bars	Choice of sash horn styles <i>(pg. 16-17)</i>	Heritage slim-glass unit bead option	Slim outerframe & sash options
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Design Features

Tested to PAS 24:2016	Special PAS 24 security catch	Deventer superior weatherseals	External Liners
Fully suited window & door system	Choice of Square, Ovolo or Lambs Tongue Bead	Clip system staff & parting beads	

Hardware/Fittings

HARDWARE:

Options *(2 sash catches fitted if frames are PAS 24 security):*
Sash Catch, Sash Lifts, Sash Restrictors, Barrel Security Lock

HANDLE FINISH OPTIONS:

A – Polished Chrome	B – Satin Chrome	C – Antique Brass	D – Oil Rubbed Bronze	E – Brass
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TRICKLE VENT:

Concealed trickle vent through head 4600 EA	Trickle vent through top sash exposed	Trickle vent through head exposed
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Test Data

BS6375 PART 1:

Air Permeability Class 3	Watertightness Class 8A to 450PA	Resistance To Wind Load Class C5
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ACOUSTIC RATING:

RW(C;Ctr) = 31 db	Potential = RW(C;Ctr) = 39db with acoustic laminated glass
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THERMAL RATING:

U-Value 1.2w/m2k

SECURITY:

PAS 24:2016
Lignum Window System

Timber Casement Windows



- 01 Timber Casement Windows
- 02 Handles
- 03 Stays
- 04 Technical Drawings
- 05 Technical Specifications



Timber Casement Windows

Refined simplicity for period homes.

Timber casement windows offer a refined and understated style suited to a wide range of period homes.

Because every window is made to order, frames can be shaped to suit the building – whether that involves arched heads, angled reveals, or bespoke glazing patterns.

Hardware and finishes can also be selected to complement the character of the property.

Modern glazing constructed with performance in mind ensures dependable performance, while preserving the proportions expected from a traditional casement window.



FLUSH TIMBER DETAILING

Our casement windows are manufactured with a flush external profile, allowing the opening sash to align neatly with the outer frame. This subtle detailing reflects the appearance of traditional timber windows while maintaining a refined, understated look.

(TIMBER CASEMENT WITH MARGINAL GLAZING BAR DETAIL)



(TIMBER CASEMENTS IN SAGE GREEN)



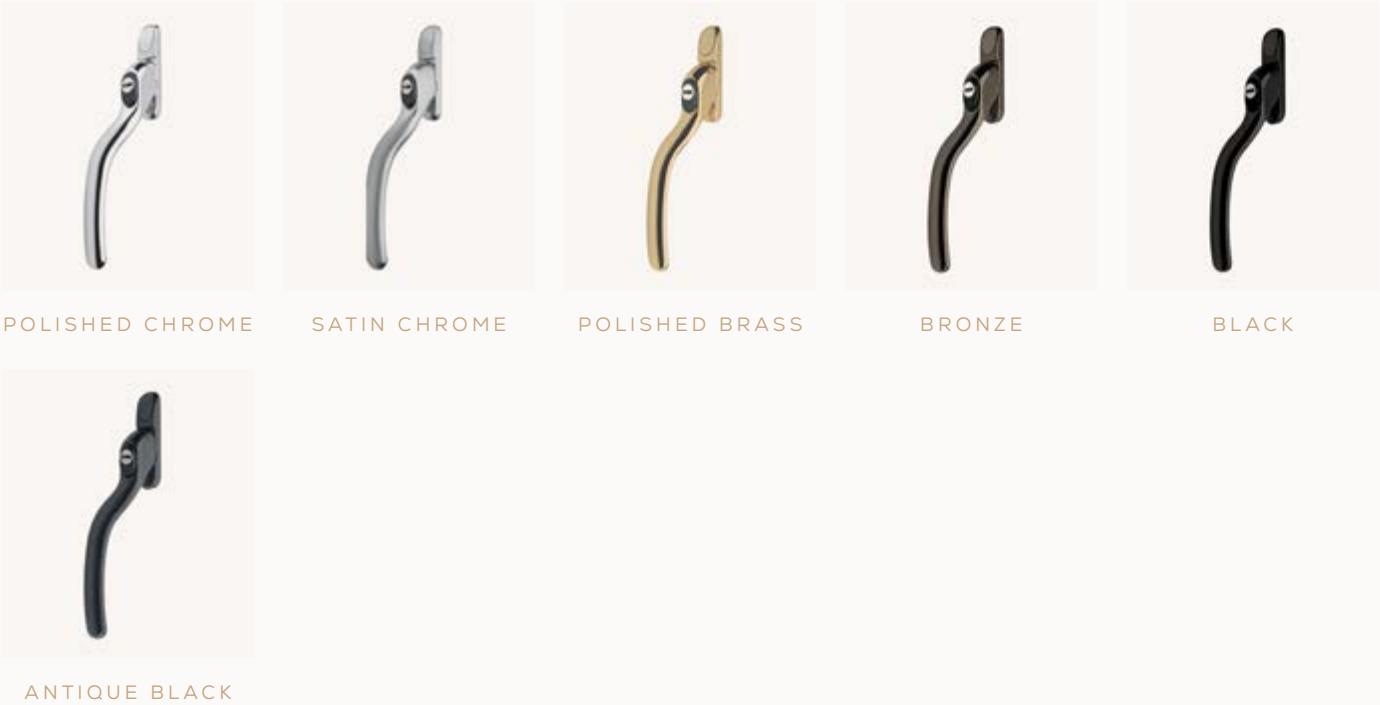
(TIMBER CASEMENT WITH BARRINGTON HANDLE & OBSCURE GLASS)



Our casement window furniture is functional and considered in design, offering a range of handles and stays to suit both traditional and contemporary properties. Finishes include polished chrome, brass, antique tones, and darker options, allowing each window to be paired accurately to its setting.

Handles & Stays

Balmoral Handle



Barrington Handle



Kingsley Handle



POLISHED CHROME



SATIN CHROME



BRASS



BLACK

Monkey Tail Handle



POLISHED CHROME



BRASS



RUMBLED PEWTER



BLACK

Opera Handle



SATIN CHROME



SATIN BRASS



BLACK

Stays

Balmoral Stays



POLISHED CHROME



SATIN CHROME



BRASS



BRONZE



BLACK

Barrington Stays



POLISHED CHROME



BRUSHED CHROME



GOLD



ANTIQUE GOLD



BLACK

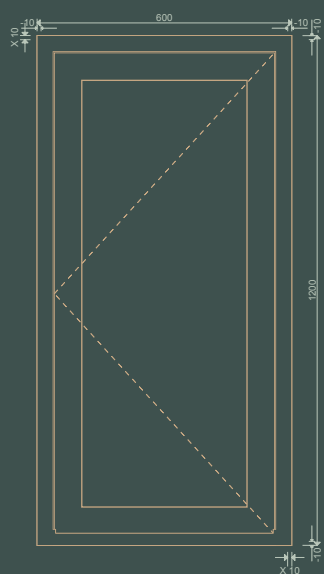
Monkey Tail Stays



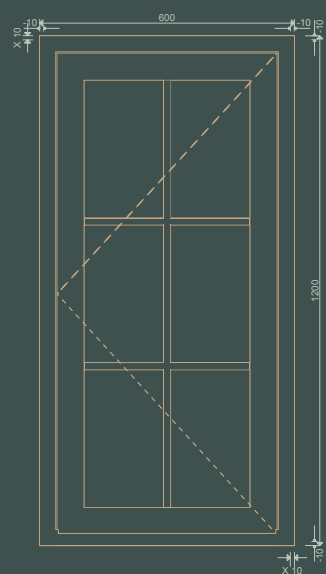
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Technical Drawings

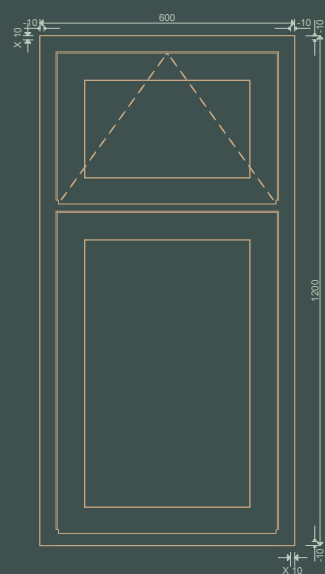
Our casement windows can be configured in a range of styles to suit both traditional and contemporary properties. The drawings shown here highlight typical opening formats and design options.



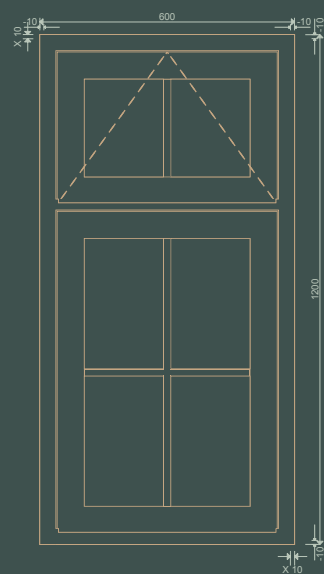
CASEMENT 1



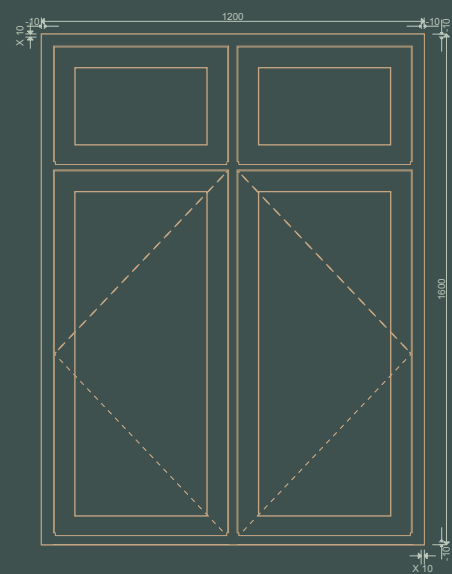
CASEMENT 2



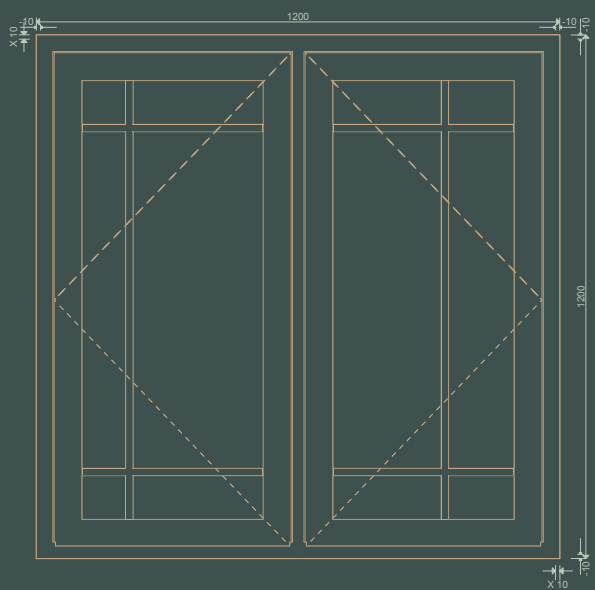
CASEMENT 3



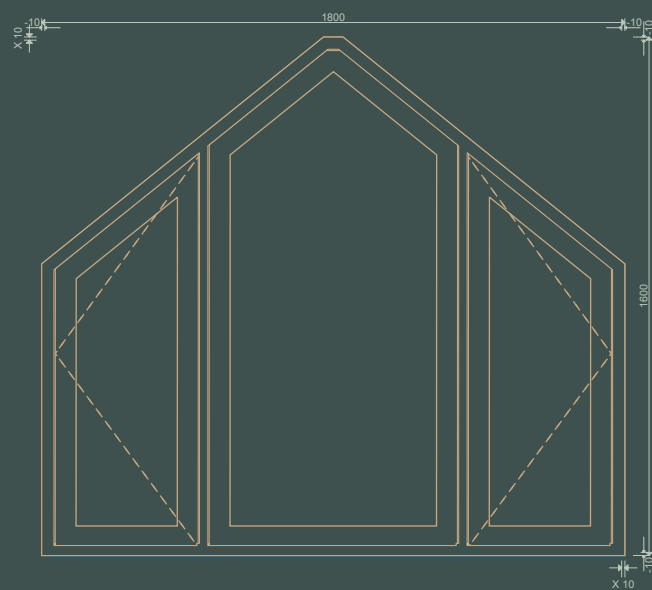
CASEMENT 4



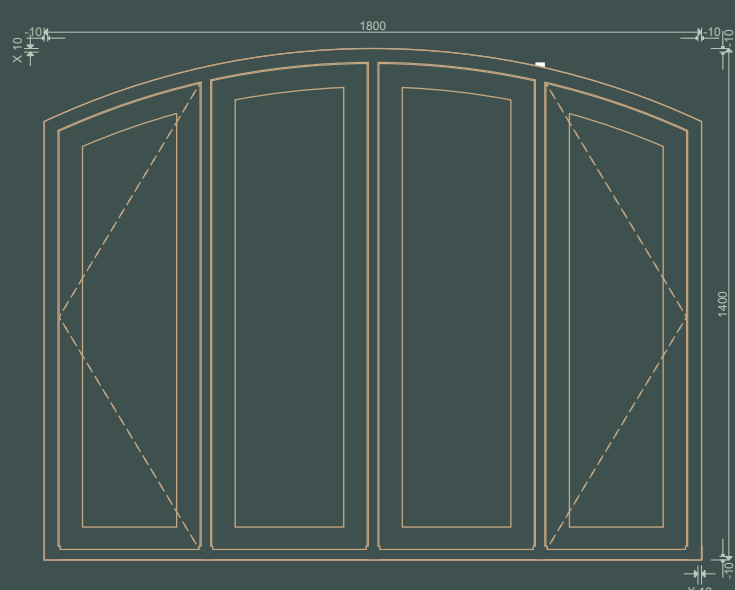
CASEMENT 5



CASEMENT 6



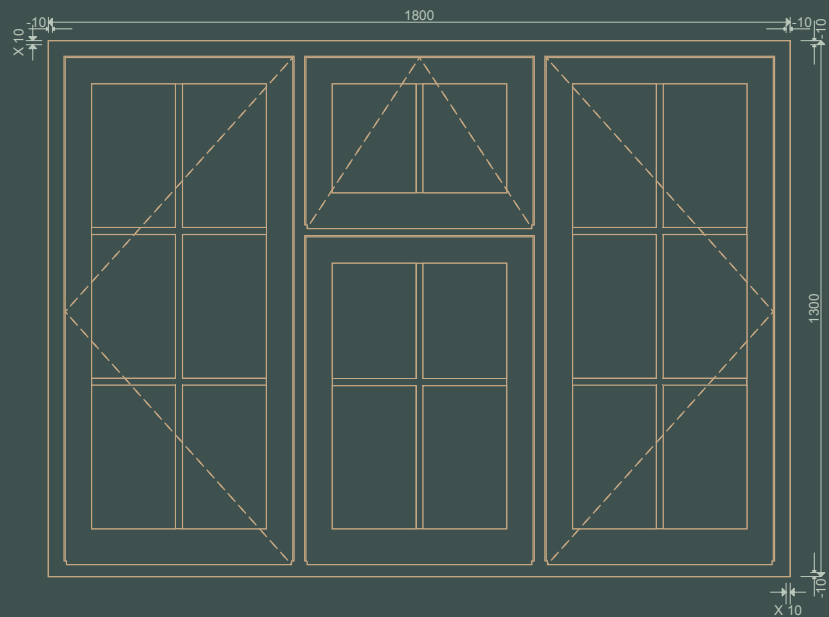
CASEMENT 7



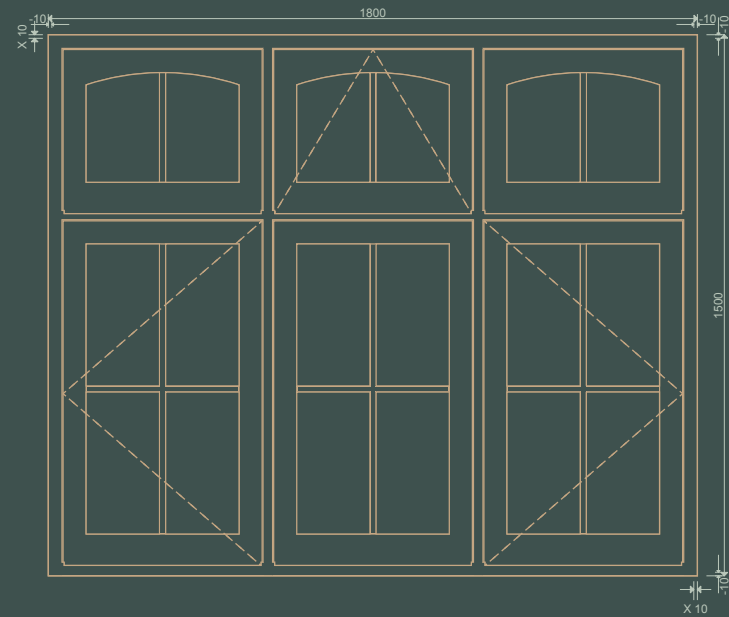
CASEMENT 8

Technical Drawings

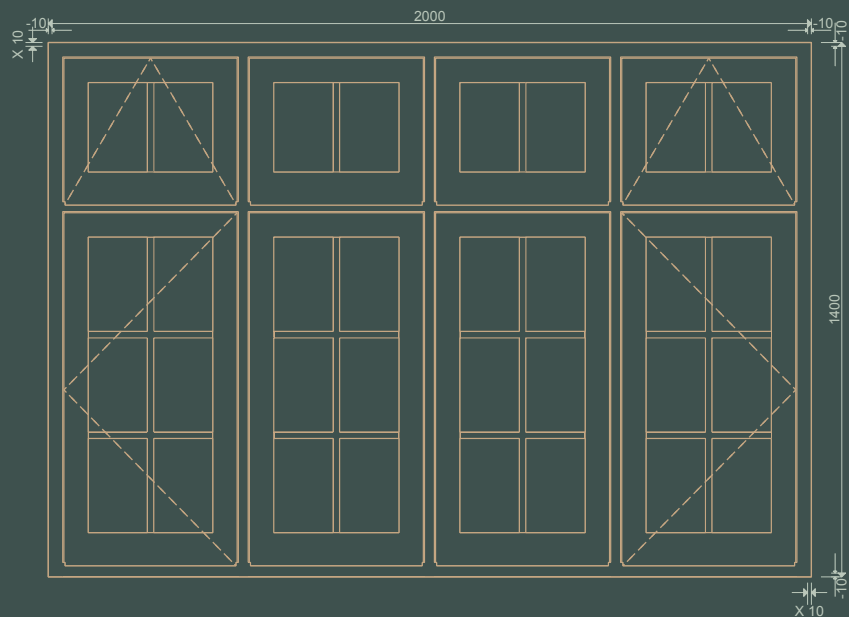
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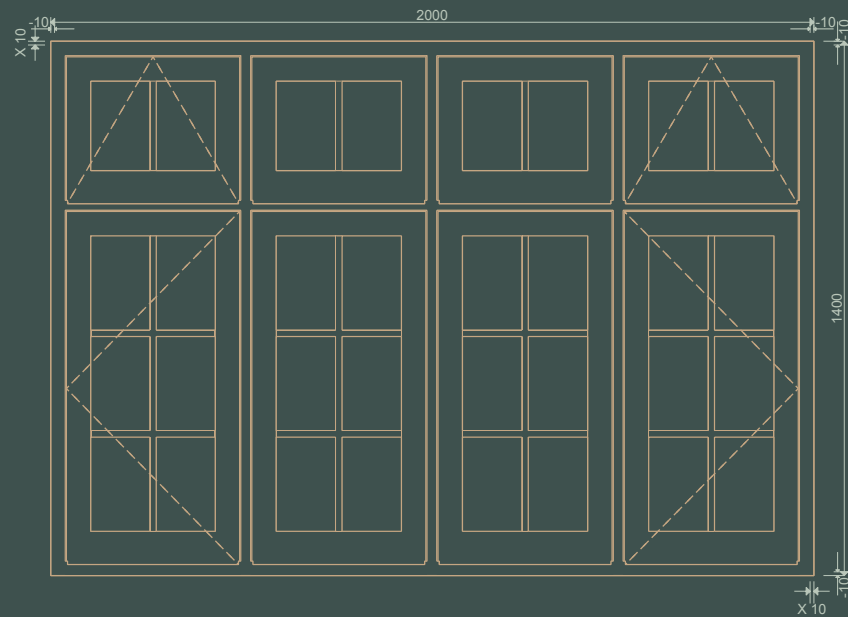
CASEMENT 9



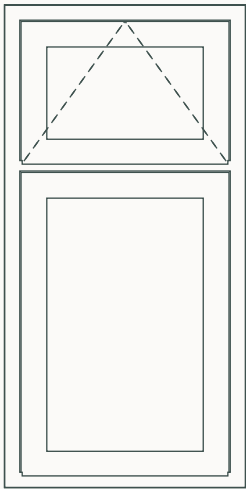
CASEMENT 10



CASEMENT 11



CASEMENT 12



Our flush fit timber casement profile brings together traditional craftsmanship with modern design – profiles match that of a single glazed casement but include concealed draught sealing, friction operated mechanisms, and easy clean hinges.

Externally, the outerframe and sash are flush and feature slim sightlines to provide a larger glass area. The window system is internally beaded to enhance security, is certified to PAS 24:2016.

The Flush Casement Window is A rated for energy efficiency and has a U-Value of 1.3 W/m2K with a warm edge Low E argon filled double-glazed unit.

Specification

OUTER FRAME OPTIONS:

Head & Jambs:	Cill:	Transom & Mullion:
58mm x 96mm	58mm x 96mm <i>(Flush)</i>	58mm x 96mm

SASH:

Top Rail & Stiles:	Bottom Rail:
64mm x 56mm <i>(PAS24:2016)</i>	64mm x 56mm <i>(PAS24:2016)</i>

SASH PROFILE OPTIONS:

A – Ovolo	B – Lambs Tongue
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CILL EXTENSION OPTIONS:

A – Flush	B – 25mm	C – 47mm	D – 62mm	E – 87mm	F – 114mm	G – 144mm
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GLAZING:

Glazing Unit:	Options:	Outer Perimeter:	Cavity:
24mm Low E sealed <i>(4mm/16mm/4mm)</i>	Obscure, Sound Control, Toughened, Laminated	<i>White warm edge spacer (standard), black or grey available</i>	Argon filled
Glazing System:	Additional Glazing Units:		
Security bead	12mm, 14mm, assortment of Vacuum Glazing, Triple <i>(some)</i>		

Design Options

Lambs Tongue or Ovolo glazing bars	Friction Hinge <i>(subject to Document Q requirements)</i>	Heritage slim-glass unit bead option <i>(not PAS 24 tested)</i>
Slim outerframe & sash options	Double glazed	

Design Features

Tested to PAS 24:2016	Internally beaded for increased security	Deventer superior weatherseals
Fully suited window & door system		

Hardware/Fittings

HARDWARE:

Friction hinges for side and top swing sashes	Multipoint locking system
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HANDLE FINISH OPTIONS:

A – Polished Chrome	B – Satin Chrome	C – Antique Brass	D – Oil Rubbed Bronze	E – Brass
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TRICKLE VENT:

Concealed trickle vent through head 4600 EA <i>(head drip)</i>	Trickle vent through top sash exposed	Trickle vent through head exposed
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Test Data

BS6375 PART 1:

Air Permeability Class 4	Watertightness Class 4	Resistance To Wind Load Class C5
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ACOUSTIC RATING:

RW(C;Ctr) = 31 db	Potential = RW(C;Ctr) = 39db with acoustic laminated glass
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THERMAL RATING:

1.3 W/m2K <i>(with double glazing)</i>	WER A or A+
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SECURITY:

PAS 24:2016
Lignum Window System



Timber Entrance Doors



- 01 Timber Entrance Doors
- 02 Letter Plates
- 03 Knockers
- 04 Knobs
- 05 Handles
- 06 Accessories
- 07 Technical Drawings
- 08 Technical Specifications

Timber Entrance Doors

Designed to complement the architecture of the home.



The front door is often the most distinctive feature of a period property. From the proportions of the panels to the colour and ironmongery, it plays a central role in the character of the facade.

Modern locking systems and well-engineered timber construction ensure each door meets contemporary performance standards while preserving its traditional look and feel.



TRADITIONAL PANEL DESIGNS

Our timber entrance doors are crafted to suit each property, allowing designs to be tailored to the architecture of the building. Traditional panel arrangements, glazing patterns, and decorative mouldings can be recreated or adapted to suit Georgian, Victorian, and Edwardian homes.





(TIMBER FRONT DOOR WITH SATIN CHROME FURNITURE)

(VICTORIAN ENTRANCE DOOR WITH
BOLECTION MOLDS & BANHAM LOCKS)





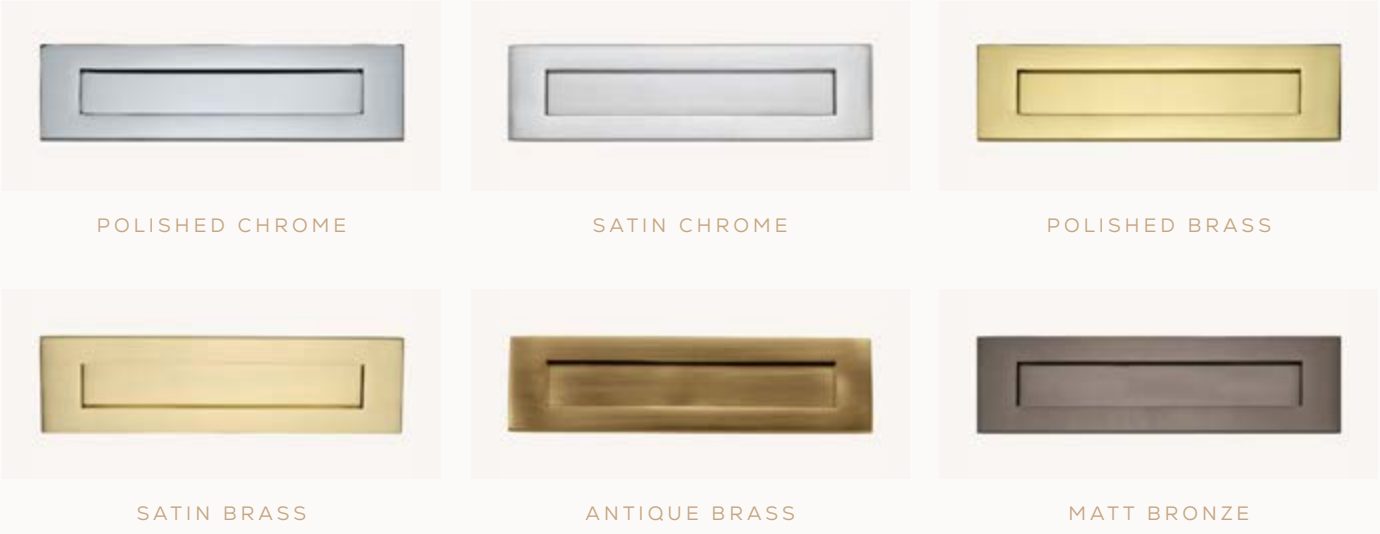
Our entrance door furniture is designed to define the character of the home from the first impression. From letter plates and knockers to handles, knobs, and accessories, a wide range of styles and finishes allows each door to be detailed to suit its setting.

Letter Plates

Draught Dodger



Victorian Letter Plates



Knockers

Doctor Kocker



POLISHED CHROME



SATIN CHROME



POLISHED BRASS



BRONZE



ANTIQUE BRONZE

Lion Kocker



BRASS



ANTIQUE BRASS

Ring Kocker



POLISHED CHROME



SATIN CHROME



POLISHED BRASS



ANTIQUE BRASS



RUMBLED BRASS



RUMBLED PEWTER



BLACK

Scroll Kocker



POLISHED CHROME



SATIN CHROME



BRASS



BLACK

Victorian Kocker



POLISHED CHROME



SATIN CHROME



POLISHED BRASS



SATIN BRASS



ANTIQUE BRASS



RUMBLED BRASS



RUMBLED PEWTER



BRONZE



BLACK

Knobs

Round Knob



POLISHED CHROME



SATIN CHROME



BRASS



SATIN BRASS



ANTIQUE BRASS



RUMBLED BRASS



RUMBLED PEWTER



BRONZE



BLACK

Handles

Balmoral Handle



POLISHED CHROME



SATIN CHROME



POLISHED BRASS



BRONZE



BLACK



ANTIQUE BLACK

Balmoral Swan Handle



POLISHED CHROME



SATIN CHROME



GRAPHITE



BRASS



BRONZE



ANTIQUE BLACK

Barrington Handle



Kingsley Handle

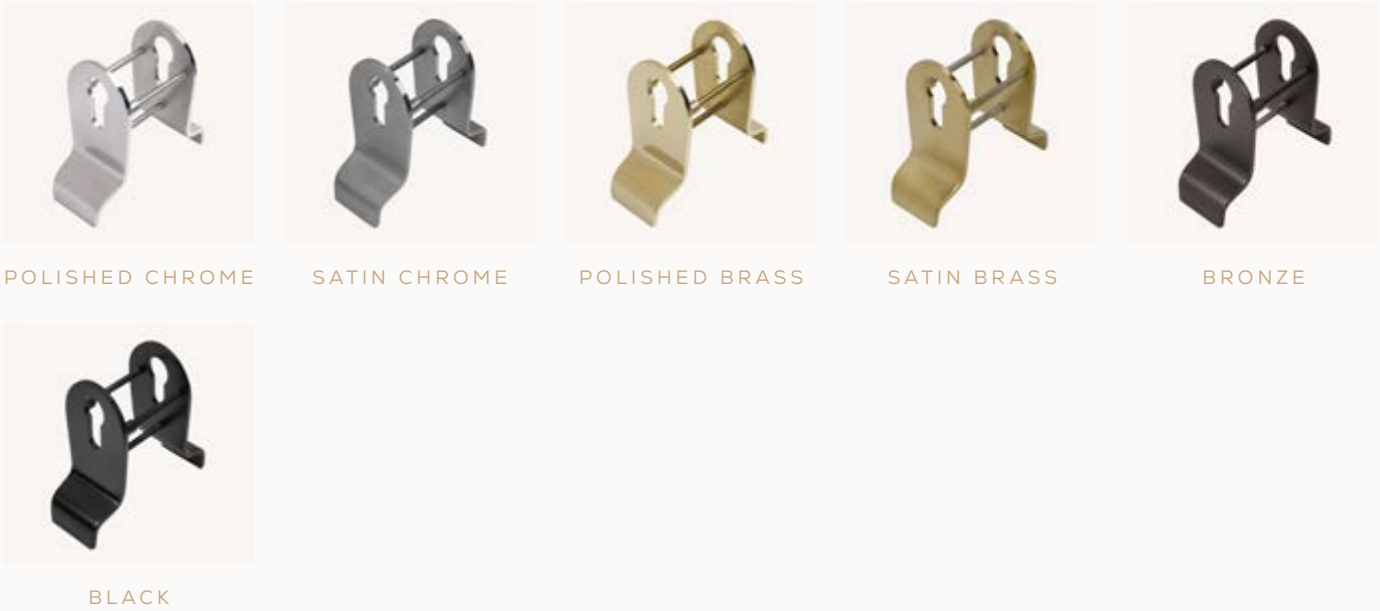


Opera Handle

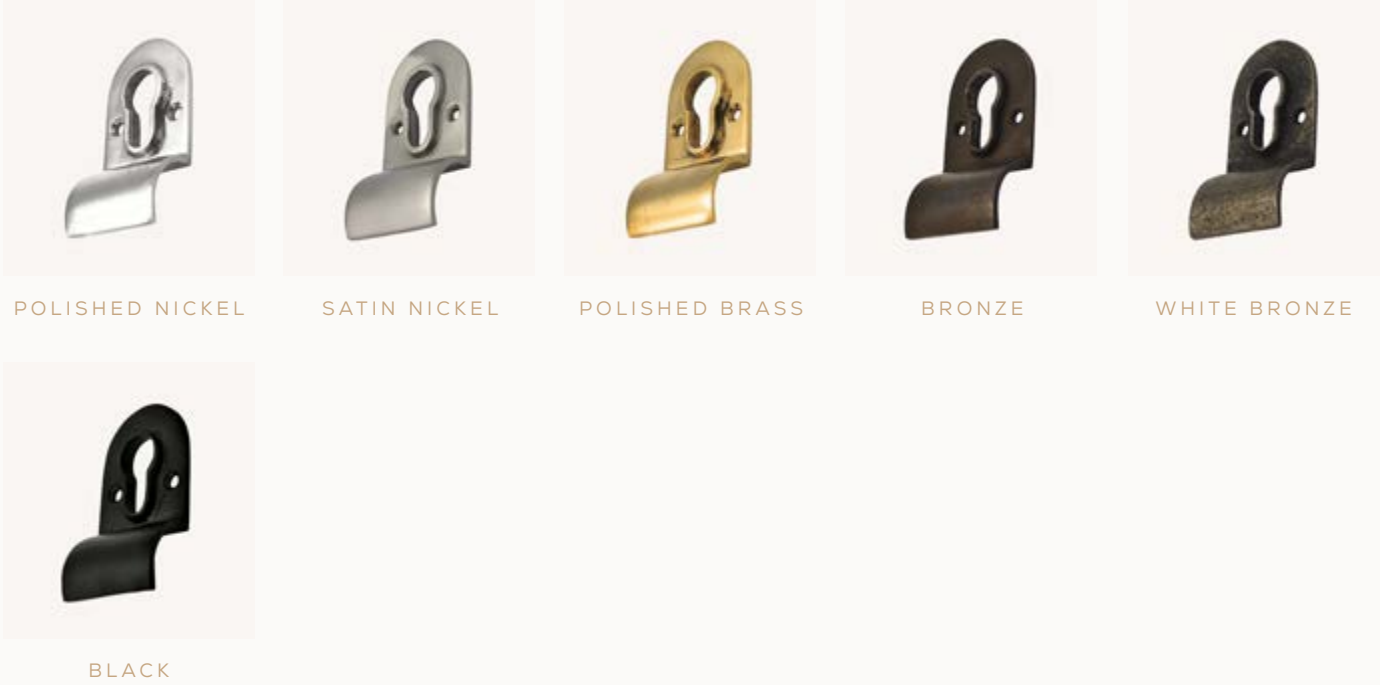


Accessories

Classic Cylinder Pull Set

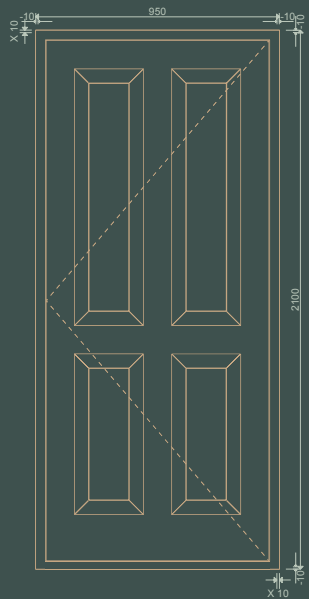


Euro Door Pull

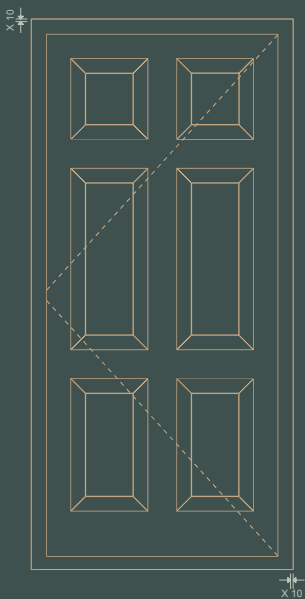


Technical Drawings

Our entrance doors are available in a wide range of configurations, allowing proportions and panel layouts to be tailored to the property. The drawings shown here illustrate common door styles and arrangements.



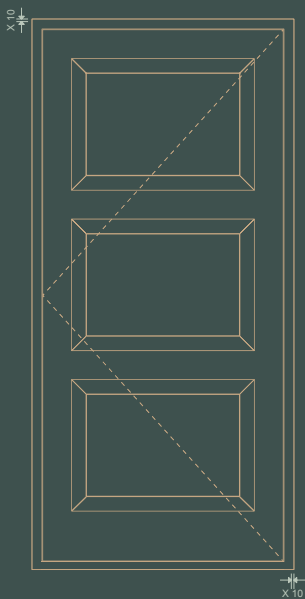
ENTRANCE DOOR 1



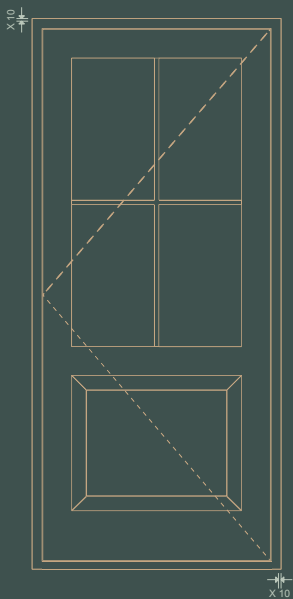
ENTRANCE DOOR 2



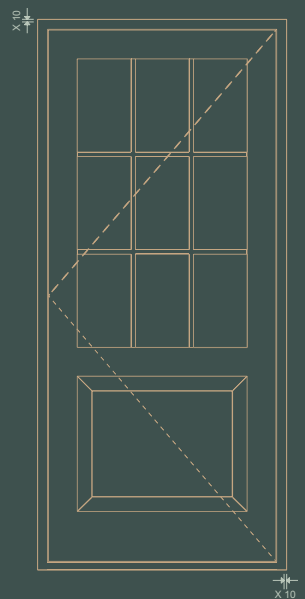
ENTRANCE DOOR 3



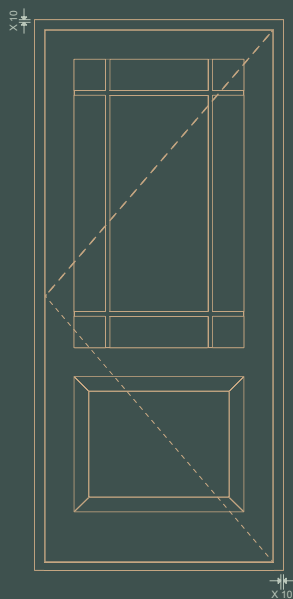
ENTRANCE DOOR 4



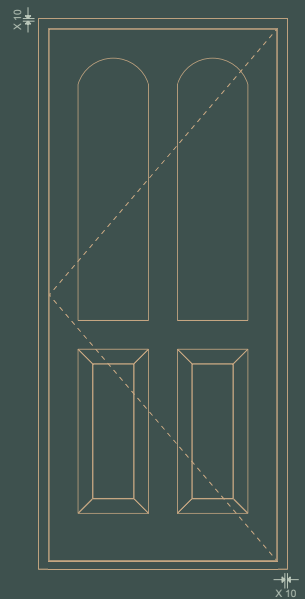
ENTRANCE DOOR 5



ENTRANCE DOOR 6



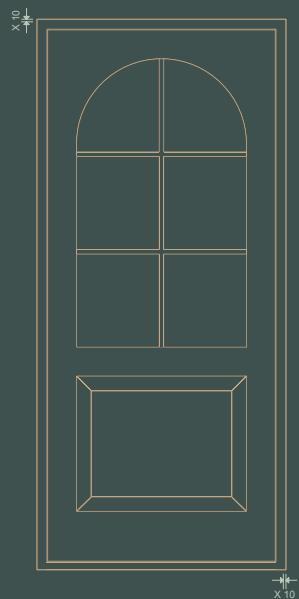
ENTRANCE DOOR 7



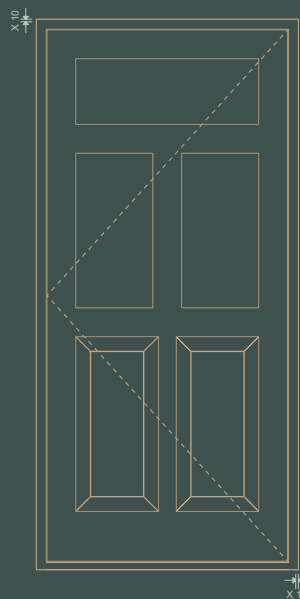
ENTRANCE DOOR 8

Technical Drawings

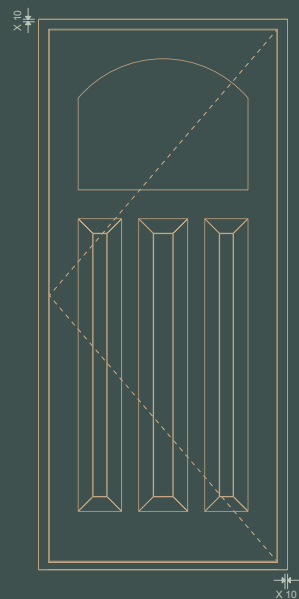
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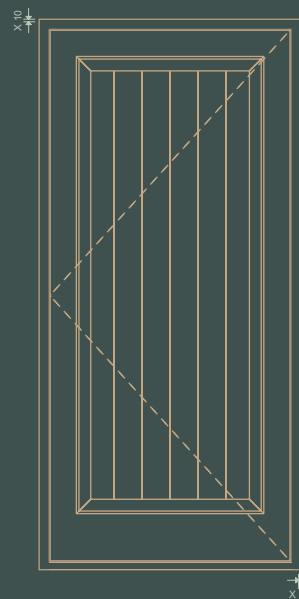
ENTRANCE DOOR 9



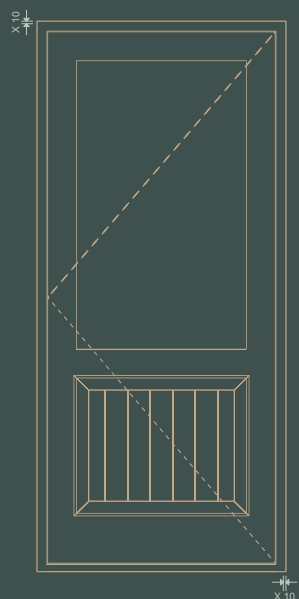
ENTRANCE DOOR 10



ENTRANCE DOOR 11



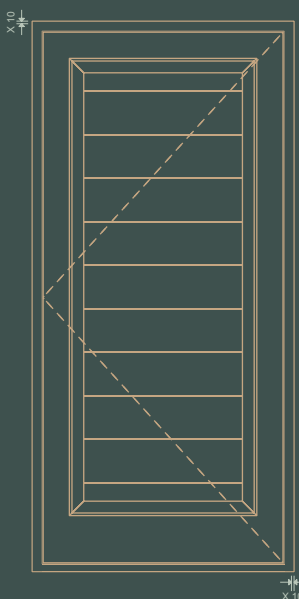
ENTRANCE DOOR 12



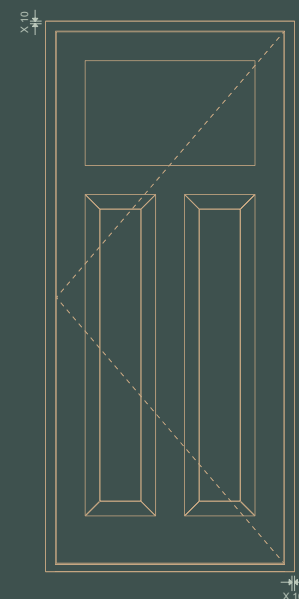
ENTRANCE DOOR 13



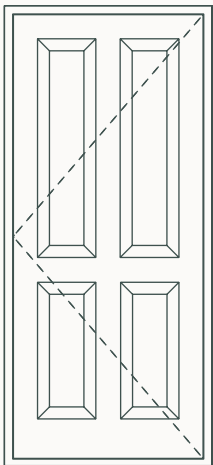
ENTRANCE DOOR 14



ENTRANCE DOOR 15



ENTRANCE DOOR 16



The Document Q compliant door is energy efficient and features high security multipoint locking.

The flexible opening design is suitable for main entrance, side or rear doors. It allows for various glass and solid panel combinations. This makes it easy to produce almost any style of door.

For wide entrances see the Double Door option.

Specification

OUTER FRAME OPTIONS:

Head & Jambs:	Transom & Mullion:
58mm x 96mm	68mm x 96mm

SASH:

Top Rail & Stiles:	Bottom Rail:
110mm x 56mm <i>(PAS24:2016)</i>	190mm x 56mm

SASH PROFILE OPTIONS:

A – Ovolo	B – Lambs Tongue
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CILL OPTIONS:

A – 30mm x 96mm	B – 42mm x 96mm	C – 111mm	D – 126mm	E – 141mm
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GLAZING:

Glazing Unit:	Options:	Outer Perimeter:	Cavity:
24mm Low E sealed <i>(4mm/16mm/4mm)</i>	Obscure, Sound Control, Toughened, Laminated	<i>White warm edge spacer (standard), black or grey available</i>	Argon filled
Glazing System:	Additional Glazing Units:		
Security bead	12mm, 14mm, assortment of Vacuum Glazing, Triple <i>(some)</i>		

Design Options

Lambs Tongue or Ovolo sash profile	58mm or 68mm wide outerframe	Heritage slim-glass unit bead option	Slim outerframe & sash options
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Design Features

Tested to PAS 24:2016	Winkhaus Thunderbolt multipoint locking	Internally beaded for additional security	Deventer superior double weatherseals
Hi Load adjustable hinges	Thermally enhanced door panels	Fully suited window and door system	

Hardware/Fittings

HARDWARE:

Options:
Butt hinges fixed pin, multipoint thunder bolt locking system, 3 star security cylinder

HANDLE FINISH OPTIONS:

A – Polished Chrome	B – Satin Chrome	C – Antique Brass	D – Oil Rubbed Bronze	E – Brass
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TRICKLE VENT:

Concealed trickle vent through head 4600 EA <i>(head drip)</i>	Trickle vent through top sash exposed	Trickle vent through head exposed
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Test Data

BS6375 PART 1:

Air Permeability Class 3	Watertightness Class 8A to 450PA	Resistance To Wind Load Class C5
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ACOUSTIC RATING:

RW(C;Ctr) = 31 db	Potential = RW(C;Ctr) = 39db with acoustic laminated glass
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THERMAL RATING:

U-Value 1.2w/m2k

SECURITY:

PAS 24:2016
Lignum Door System

Timber French Doors



- 01 ————— Timber French Doors
- 02 ————— Handles
- 03 ————— Technical Drawings
- 04 ————— Technical Specifications



Timber French Doors

Opening interiors to light, air, and garden views.

Each set is individually crafted, allowing the proportions, glazing patterns, and panel details to match the character of the property. Whether installed within a traditional rear facade or forming part of a modern extension, the doors are designed to sit comfortably within the architecture of the building.

Slim profiles, meticulously engineered timber frames, and secure multi-point locking provide dependable everyday performance while maintaining the appearance of traditional timber doors.



Timber French doors create a natural connection between the home and the outside space.

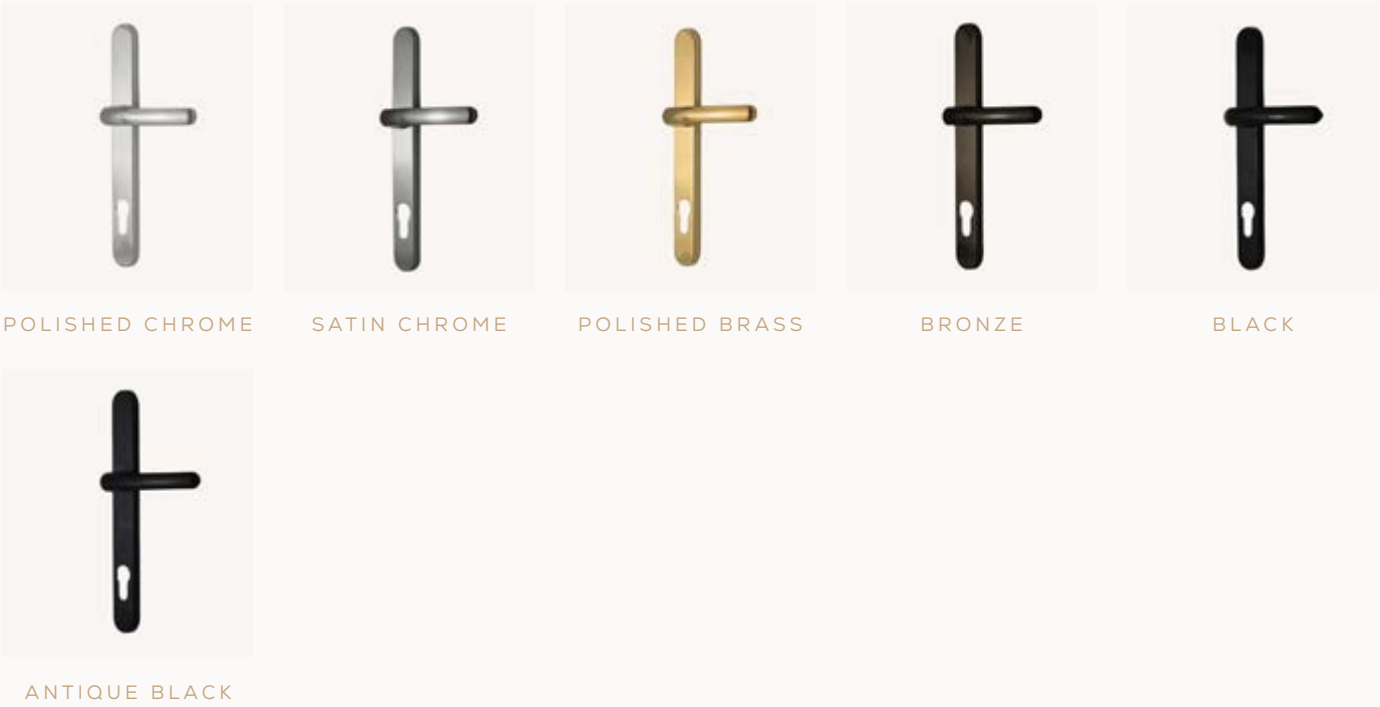


(TIMBER FRENCH DOORS IN BARN CONVERSION HOUSE)

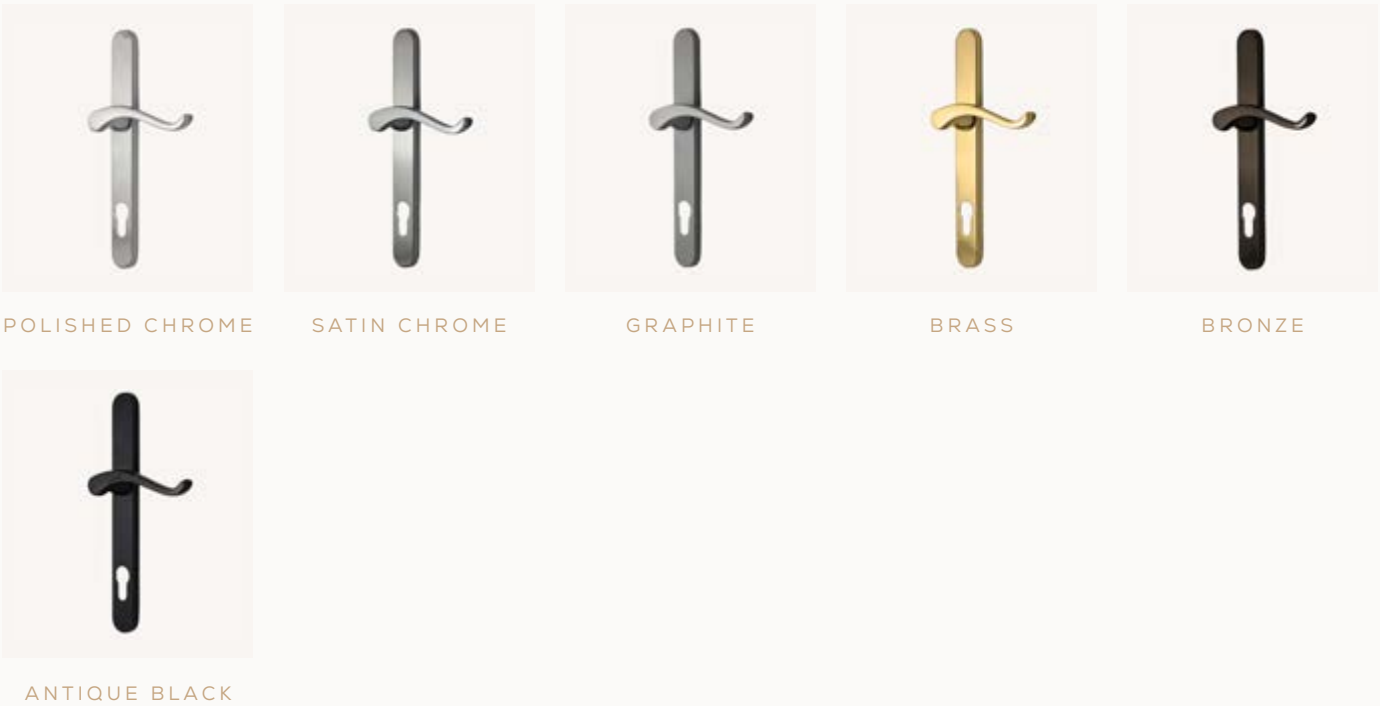


Handles

Balmoral Handle



Balmoral Swan Handle



Barrington Handle



Kingsley Handle

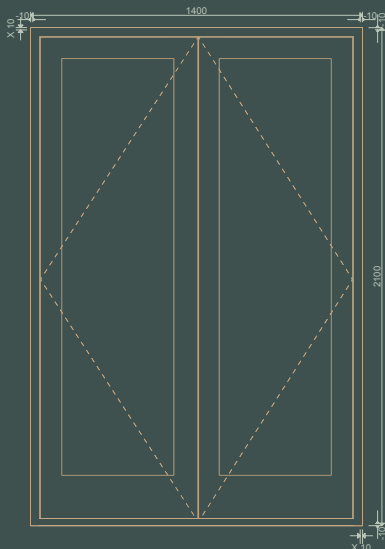


Opera Handle

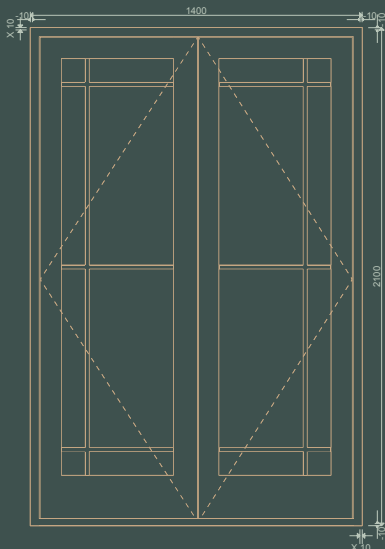


Technical Drawings

Our French doors can be designed in a variety of configurations to suit different openings and property styles. The drawings shown here demonstrate typical layouts and glazing arrangements.



FRENCH DOOR 1



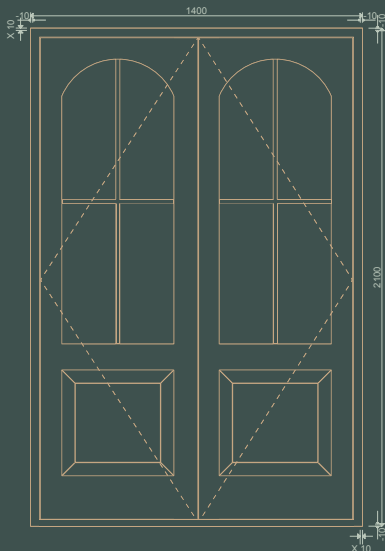
FRENCH DOOR 2



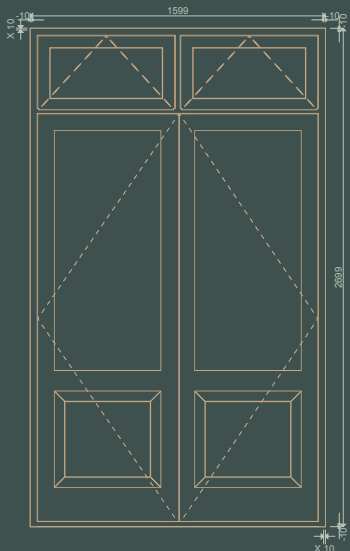
FRENCH DOOR 3



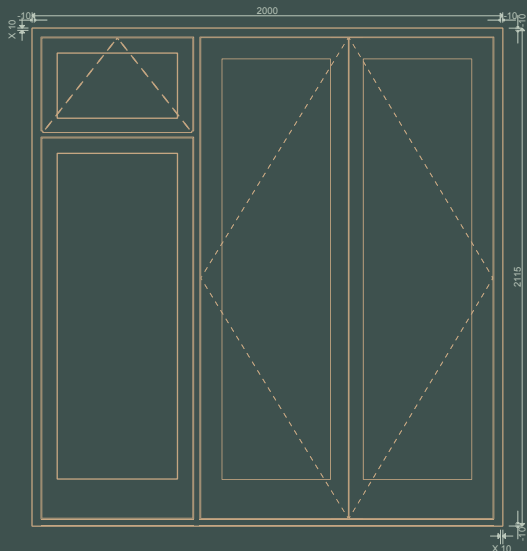
FRENCH DOOR 4



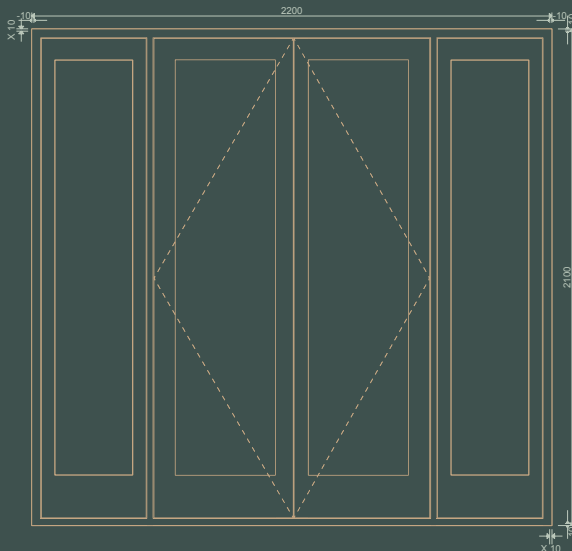
FRENCH DOOR 5



FRENCH DOOR 6



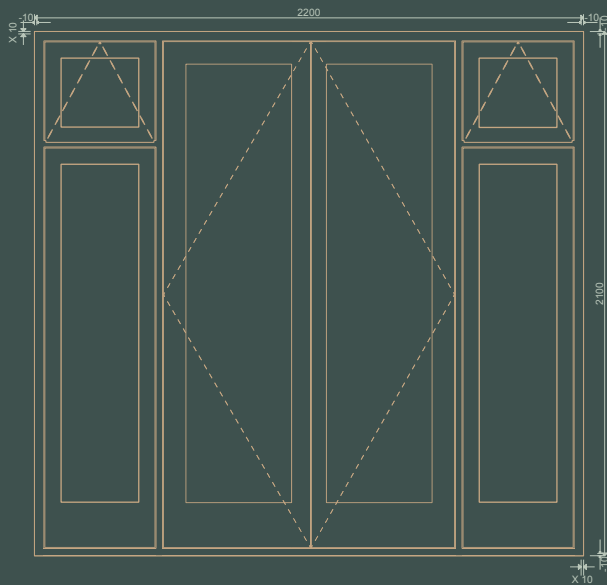
FRENCH DOOR 7



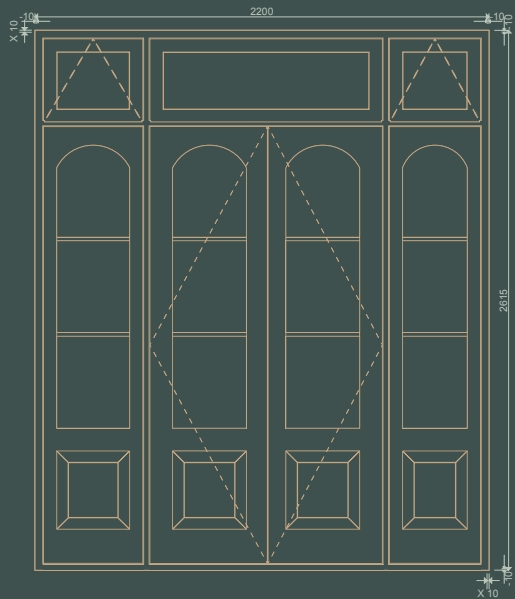
FRENCH DOOR 8

Technical Drawings

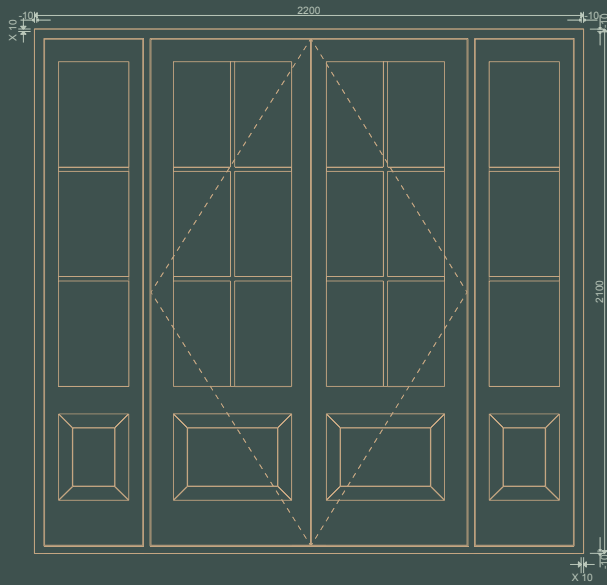
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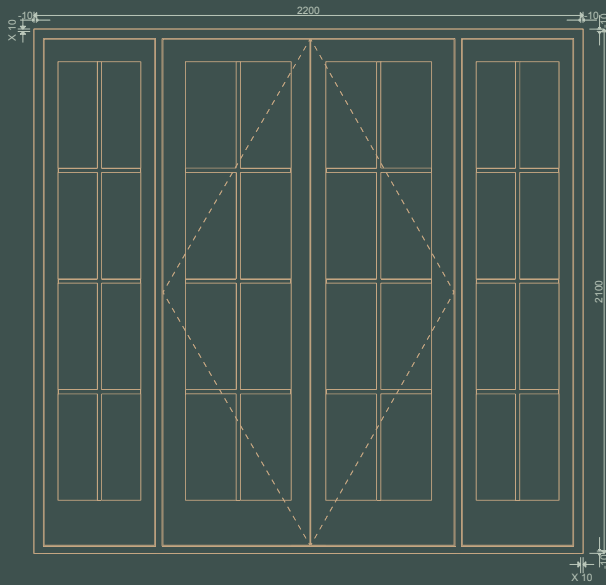
FRENCH DOOR 9



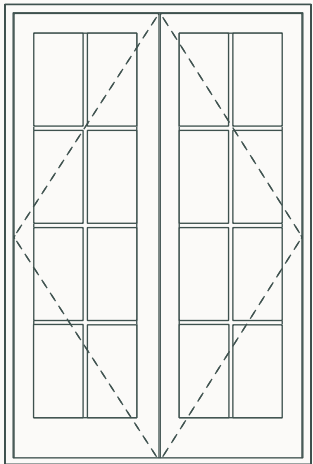
FRENCH DOOR 10



FRENCH DOOR 11



FRENCH DOOR 12



Our timber double doors are the classic French doorset, available as either outward or inward opening.

This inward opening version offers flexible design options for traditional, contemporary or modern styling. The doors are suitable for a range of threshold options, including mobility access.

The double doors are energy efficient and PAS 24:2016 certified for high security.

Specification

OUTER FRAME OPTIONS:

Head & Jambs:	Transom & Mullion:
58mm x 96mm	68mm x 96mm

SASH:

Top Rail & Stiles:	Bottom Rail:	Meeting Rails:
110mm x 56mm	190mm x 56mm	18mm x 5mm
(PAS24:2016)		

SASH PROFILE OPTIONS:

A – Ovolo	B – Lambs Tongue
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CILL OPTIONS:

A – 30mm x 96mm	B – 42mm x 96mm	C – 111mm	D – 126mm	E – 141mm
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GLAZING:

Glazing Unit:	Options:	Outer Perimeter:	Cavity:
24mm Low E sealed (4mm/16mm/4mm)	Obscure, Sound Control, Toughened, Laminated	White warm edge spacer (standard), black or grey available	Argon filled
Glazing System:	Additional Glazing Units:		
Security bead	12mm, 14mm, assortment of Vacuum Glazing, Triple (some)		

Design Options

Lambs Tongue or Ovolo sash profile	58mm or 68mm wide outerframe	Heritage slim-glass unit bead option	Slim outerframe & sash options
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Design Features

Tested to PAS 24:2016	Winkhaus Thunderbolt multipoint locking	Internally beaded for additional security	Deventer superior double weatherseals
Hi load adjustable hinges	Thermally enhanced door panels	Fully suited window and door system	

Hardware/Fittings

HARDWARE:

Options:
Butt hinges fixed pin, multipoint thunder bolt locking system, 3 star security cylinder

HANDLE FINISH OPTIONS:

Lever handles (finishes on request)

TRICKLE VENT:

Concealed trickle vent through head 4600 EA (head drip)	Trickle vent through top sash exposed	Trickle vent through head exposed
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Test Data

BS6375 PART 1:

Air Permeability Class 2	Watertightness Class 3A	Resistance To Wind Load Class 800X
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ACOUSTIC RATING:

RW(C;Ctr) = 31 db	Potential = RW(C;Ctr) = 39db with acoustic laminated glass
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THERMAL RATING:

U-Value 1.4W/m2K

SECURITY:

PAS 24:2016
Lignum Door System

Finishing Touches



- 01 Protecting The Timber
- 02 Carefully Selected Materials
- 03 Colour Finishes
- 04 Stain Finishes



Carefully considered details
that complete each design.

Protecting The Timber

Each frame passes through a carefully controlled finishing process designed to protect the timber and enrich its natural character.

This multi-stage approach ensures the timber remains stable and durable while maintaining a refined surface finish. The coating system is supported by a 10-year warranty, providing long-term confidence in the quality of the finish.



Carefully Selected Materials



01

Engineered European Redwood

European Redwood is an exceptionally durable softwood that offers the longevity and resilience typically associated with hardwoods. Sourced from Northern Europe, it is engineered from carefully selected sections laminated in alternating grain directions, improving stability and helping to minimise movement, swelling, and warping. This advanced construction provides reliable long-term performance, at a cost-effective price, making it well suited to window and door manufacture.



02

Engineered Red Grandis

Red Grandis stands at the pinnacle of premium timbers for window construction, renowned for its strength, stability, and distinctive close grain. With a deeper natural tone and refined appearance, it is often compared to oak, yet surpasses other timbers by requiring the least amount of maintenance. This makes it one of the best choices for homeowners seeking durability and reduced upkeep in their windows.



03

Other Timber

In certain circumstances, we may also use Accoya and Obodo timbers. Please enquire for more information on this.

Colour Finishes

Colour plays an important role in how windows and doors sit within the character of a property.

RAL Colour Palette

Our timber products can be finished in hundreds of shades from the RAL Classic range, allowing each project to be paired to its surrounding architecture.

Where a different look is preferred inside the home, interior and exterior colours can be specified separately. This allows the external facade to remain in keeping with neighbouring properties while the interior finish complements the design of the living space.



LIGHT PINK
RAL 3015



LUMINOUS RED
RAL 3024



PASTEL GREEN
RAL 6019



Stain Finishes

Natural Timber Stains

Our stain finishes are developed specifically for the timbers used in our joinery. A base stain enhances the natural grain before a protective topcoat is applied, producing a translucent finish that highlights the character of the timber while providing lasting protection.

These water-based systems remain breathable and flexible, helping to reduce cracking or peeling over time while maintaining the clarity of the wood beneath.



EUROPEAN REDWOOD:



BASE: WALNUT
TOP: ANTIQUE OAK



BASE: TEAK
TOP: ANTIQUE OAK



BASE: TEAK
TOP: TEAK



BASE: TEAK
TOP: MEDIUM OAK



BASE: TEAK
TOP: COTSWOLD OAK



BASE: WICKER
TOP: CYPRESS

RED GRANDIS:



BASE: WALNUT
TOP: ANTIQUE OAK



BASE: TEAK
TOP: WALNUT



BASE: TEAK
TOP: TOP NUT



BASE: TEAK
TOP: ANTIQUE OAK



BASE: TEAK
TOP: TEAK



BASE: GRANDIS OAK
TOP: GRANDIS OAK

Glazing



- 01 Glazing Options
- 02 Decorative & Obscure Glass

The Art of Glass



Glazing plays an important role in the performance of a window or door. It influences insulation, sound reduction, and the overall comfort of the home, while also shaping the clarity and character of the glass itself.

We offer a range of glazing options designed to suit different types of property and project requirements. Whether restoring a listed building, improving acoustic performance, or introducing larger areas of glass, our team can help specify the most appropriate solution.

01



EFFICIENT DOUBLE GLAZING

Low – emissivity coatings, argon or krypton gas and warm edged spacers ensure optimal thermal performance while maintaining exceptional clarity with U Values as low as 1.0 W/(m².k)

02



LAMINATED ACOUSTIC GLASS

Designed to significantly reduce unwanted noise, creating a calmer, more comfortable indoor space. Its specialist acoustic interlayer dampens sound vibrations, making it ideal for busy roads or urban areas. Performance up to 39dB/Rw

03



SLIMLINE HERITAGE DOUBLE GLAZING

Engineered for maximum performance within minimal space, krypton gas— four times denser than air—delivers exceptional thermal insulation in a slimmer double-glazed unit. Making it well suited to Grade II listed properties and conservation areas.

04



VACUUM GLAZING

Outstanding thermal and acoustic performance in an ultra thin profile – by removing the cavity and creating a vacuum you dramatically reduce heat transfer. This results in exceptional insulation for what is essentially a single glazed unit offering U values as low as (0.7 W/m².k).

05



STAINED GLASS

Create striking, bespoke window designs. We expertly replicate original stained glass and lead work, seamlessly integrating them into energy-efficient, and secure double-glazed units.

Decorative & Obscure Glass



For projects where architectural detail and visual character are equally important, decorative glazing provides a considered solution. Shaped glass, including arched and scalloped designs, can be produced to follow the precise lines of a window, allowing the glazing to sit naturally within the opening.

This approach helps maintain the proportions and detailing associated with traditional joinery, particularly in period properties where standard glazing formats may not be appropriate.

Decorative glazing can also be combined with obscure or textured finishes, offering privacy while retaining natural light. With a wide range of patterns available, it allows synergy between the windows or doors and the character of the property.



COMPATIBLE WITH ALL OF OUR TIMBER WINDOWS AND DOORS

Decorative glazing is well suited to heritage properties and projects where maintaining architectural detail is an important consideration.

Sustainability & Energy Efficiency



01 Sustainability

02 Long-Term Energy Efficiency

Sustainability



Responsibly sourced timber designed to last for decades.



Timber is a naturally renewable material and one of the most sustainable choices for the manufacture of windows and doors. When responsibly sourced and carefully engineered, it offers long service life while storing carbon throughout its lifespan.



RESPONSIBLY MANAGED FORESTS

The timber used in our products is sourced from responsibly managed forests and processed using modern manufacturing techniques designed to minimise waste. FSC® certification helps ensure that environmental, social, and economic standards are maintained throughout the supply chain.

Long-Term Energy Efficiency

Improving the thermal performance of windows can make a significant difference to the energy efficiency of a home. Around a quarter of heat loss in a typical property occurs through windows.

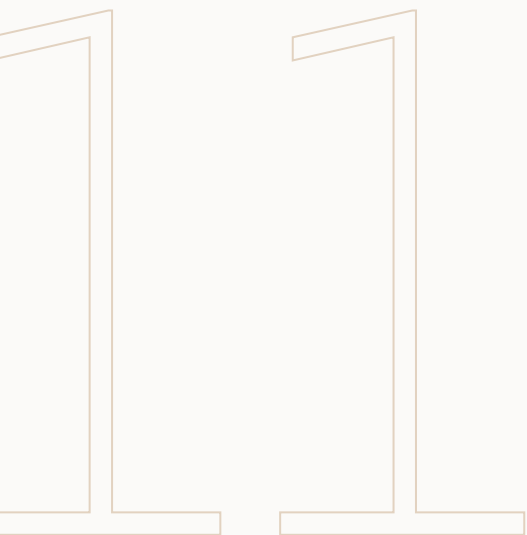
Modern glazing systems help reduce this heat loss, improving comfort while lowering overall energy consumption. Upgrading to energy-efficient windows can reduce carbon emissions and contribute to a more sustainable home.

Timber windows and doors also have low embodied carbon compared with many alternative materials. At the end of their service life, the timber, glass, and metal components can be recycled or repurposed.



Timber Window & Door Circular Economy





Our Warranties

Every Sash Windows London installation is supported by comprehensive warranties covering materials, workmanship, and key components.

30 YEARS	Timber Material	Protection against rot, fungal decay, and structural warping.
10 YEARS	Paint Finish	Durable coating systems designed to maintain the appearance and protection of the timber.
10 YEARS	Workmanship	Covering the installation of windows and doors carried out by our team.
10 YEARS	Glazing	Covering the performance of sealed double-glazed units.
5 YEARS	Ironmongery & Seals	Covering moving components and sealing systems used within the windows and doors.

Client Stories

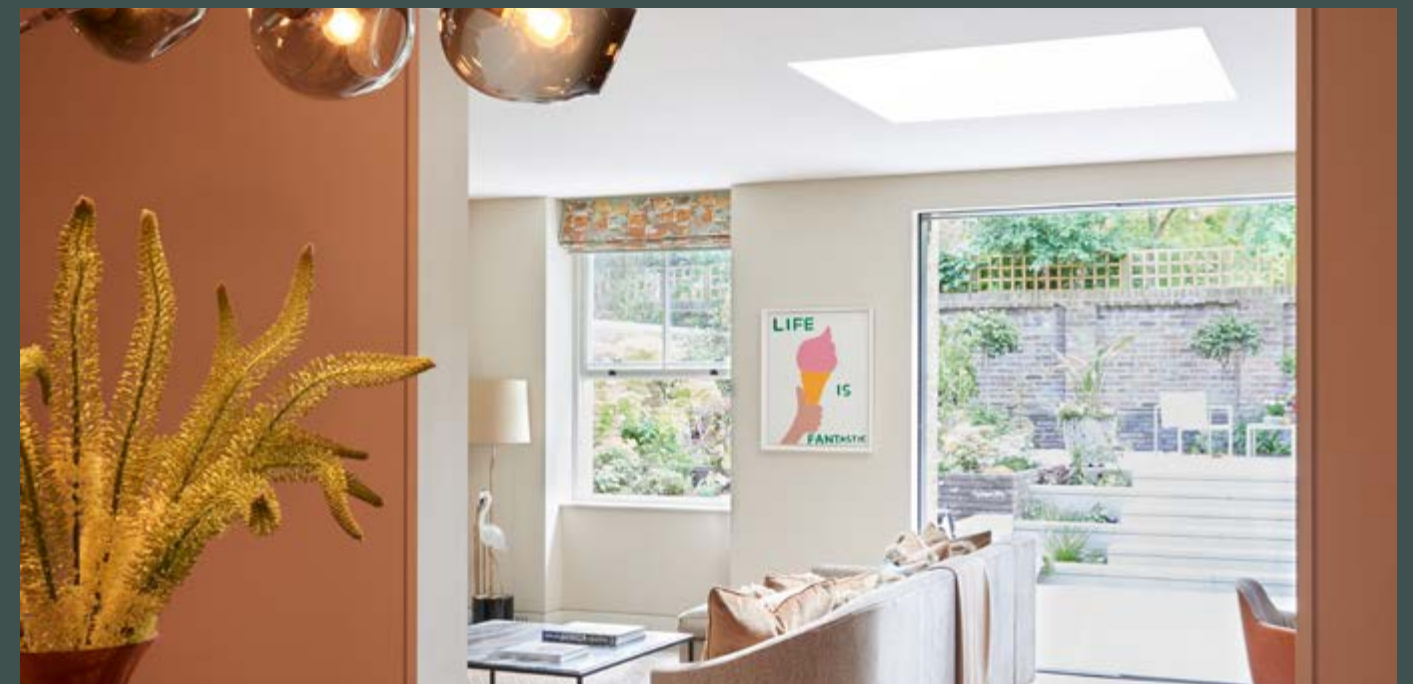


- 01 ————— Pembroke Gardens, Kensington
- 02 ————— St. Margaret's Road, Brockley
- 03 ————— The Biltmore Hotel, Mayfair

Pembroke Gardens, Kensington

PRODUCTS:

- Heritage Timber Sash Windows
- Arched Sash Windows
- Timber French Doors
- Bronze Furniture
- Slimline Narrow Cavity Glazing
- Curved Glazing



Set within the Edwardes Square conservation area, this Kensington townhouse required a carefully considered approach to restoration. Originally planned as a refurbishment, the project evolved following a visit to our showroom, where the client and contractor gained confidence in achieving a faithful replacement that met both conservation requirements and modern performance expectations.

Working closely with C C Construction and Studio Indigo, a full suite of Heritage slimline sash windows was specified. The design retains the original proportions and sightlines of the property, with traditional cord and weight operation, detailed glazing bars, and authentic horn detailing replicated internally and externally to preserve the building's character.



A considered replacement that preserves the character of the terrace while improving comfort throughout the home.

St. Margaret's Road, Brockley

This Brockley home brings together traditional sash and casement windows in a way that feels both authentic and considered. The design responds to the character of the property, combining vertical sliding sashes with carefully proportioned casements to create a balanced, cohesive elevation.



PRODUCTS:

- Timber Sash Windows
- Flush Casement Windows
- Stained Glass Detailing



A defining feature is the arched window composition, where a central casement is framed by sash windows and topped with stained glass. Manufactured in engineered Red Grandis and finished in a muted heritage tone, each element has been tailored to sit comfortably within the original architecture while introducing improved performance and day-to-day usability.



The Biltmore Hotel, Mayfair

PRODUCTS:

- Timber Sash Windows
- Timber Casement Windows



As part of the refurbishment of The Biltmore Mayfair on Grosvenor Square, we supplied and installed a full suite of timber windows across the hotel. The project formed part of the building's transition into a five-star destination, requiring a careful balance between modern performance and the preservation of its Georgian character.

A total of 166 timber windows were manufactured, including 160 sliding sash windows and a smaller number of casement windows. Designed in engineered European Redwood and finished in a classic white, each unit was detailed to reflect traditional proportions while incorporating modern glazing for improved thermal and acoustic performance.





Thank you for considering
Sash Windows London.
