



Ventrolla

The subtle art of perfection



“

This wasn't an 'installation', there was real craftsmanship and experience here. Ventrolla dealt with the problems of the 200-year-old cob with real care. Working right through the weekend to get the job done, turning up exactly when they said they would. Friendly, efficient and left the place as found.

Owner of a Grade II cob farmhouse – Trustpilot review

THE JOYS AND
FRUSTRATIONS OF
HERITAGE PROPERTIES
ARE NO SECRET TO US.

Whether you're the property owner or architect, you're entrusted with preserving its beauty while enhancing its functionality. And that's often easier said than done.

Ventrolla is obsessed with restoring heritage timber windows and doors, and has been for over 40 years. Our premium, truly bespoke service is designed to amplify the joys and minimise the frustrations.

As specialists in retrofit, we prioritise restoration and renovation before resorting to replacement. By combining traditional craftsmanship with leading innovations, our specialist joiners balance sympathetic conservation with advanced sustainability. This way, we protect and subtly transform the UK's most beautiful buildings with precision, fastidiousness, and expertise.

No matter the building, no matter the challenge, our obsession means you don't have to settle for anything less than perfection. So perfect, in fact, we don't expect you to see the difference. Just feel it.

PERFECTION IS

imperceptible.

Bespoke window restoration solutions
that enhance your building's character,
value, and efficiency.



INTRODUCTION

Get the very best from your heritage property.

The challenges of heritage windows, whether residential or commercial, are universal. From draughts and rattles to energy inefficiency and sound pollution, we address these issues with our tailored end-to-end service, enhancing both beauty and performance in line with planning regulations.

RESIDENTIAL RESTORATION




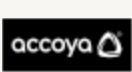

We work with discerning heritage property owners to preserve and elevate their building’s original character and charm. Whether it’s a period property or listed building requiring consent, our traditional craftsmen sensitively restore old timber windows back to their former glory. If restoration isn’t possible, we tailor new timber replacements that perfectly replicate the original profile.



COMMERCIAL RESTORATION



We provide a frictionless, premium renovation service to the UK’s most innovative conservation and retrofit architects, contractors, and surveyors. They trust our seamless precision—how we deliver bespoke solutions at scale, meet their exact technical specifications, and understand and respond to the uniqueness of each heritage property. And they count on our in-depth knowledge of regulations, which enables us to safeguard designs and integrate harmoniously with the broader project.

“ *We are passionate about preserving original character.*
Mark Flanagan, Managing Director

ACCREDITATIONS
AND PARTNERS







A craft-first approach.

We share your exacting standards for heritage preservation while recognising the importance of modern functionality and efficiency. That's why we handcraft every window to ensure they are as enduring and high-performing as they are beautiful.

NATIONWIDE COVERAGE, LOCAL CRAFTSMANSHIP

We operate nationally with locally positioned craftsmen, each possessing a deep understanding of regional architecture styles, materials, and historical construction techniques for accurate restoration.

“ *Restoration and renovation should always come before resorting to replacement.*

Dave Tiller, Technical Manager

EXPERIENCE BEGETS EXPERTISE

Our dedicated joiners have handcrafted like-for-like bespoke joinery for over 40 years, accumulating incomparable knowledge and expertise in their craft. Working within our three joinery houses, each one a bastion of artisanal woodworking and technical fastidiousness, they combine traditional craftsmanship with cutting-edge innovations to create the timber windows your property deserves.

WHEN OBSESSION BECOMES OBSESSIONAL

We're fixated on the finer details. In fact, we're more than a little obsessed. From every cut, carve and sand to regulation and sustainable practice, our precision and heritage pedantry ensure that perfection isn't just a goal, but a guarantee.



Working with us is a partnership of preservation.

We consider ourselves your partner in preserving the historical integrity and character of your building. Throughout your journey with us, we'll ensure your vision is realised with the utmost care and attention to detail.

COMMERCIAL PROJECTS

For architects, contractors, and surveyors, we deliver bespoke solutions tailored to your project's unique requirements and timescales. We ensure flawless execution from beginning to end, keeping your project on schedule and within budget.



We provide a complete end-to-end service, from guidance on building regulations and planning authorities to installation and after-sales support.

**RESIDENTIAL
PROJECTS**

From the moment you get in touch to the day your windows are installed...

we'll keep you updated at every step.

01.	02.	03.	04.	05.	06.
COMPLIMENTARY CONSULTATION	WINDOW-BY-WINDOW ESTIMATE	PRECISION TECH SURVEY	HANDCRAFTED IN-SITU OR IN-HOUSE	IMPECCABLE INSTALLATION	PREMIUM AFTERCARE
—	—	—	—	—	—
We survey the condition of your windows and discuss tailored restoration or replacement solutions, addressing all regulatory requirements with precision.	Each window receives a bespoke quote based on your preferences for systems, glazing, hardware, and finer details. You can expect your estimate within 5 to 10 working days.	We perform a comprehensive technical survey to ensure every detail of your windows is meticulously assessed and measured. We also assign you a dedicated customer service contact for seamless support.	Where possible, we conduct restoration on site. For new joinery, our master craftsmen work from our joinery houses. Once glazing is complete, we'll package your order ready for delivery.	Our highly skilled installation team ensure a flawless fit and finish, always with minimal disruption to your property. Installation typically occurs 6 to 18 weeks after your order is placed.	Ventrolla products provide lasting performance with minimal maintenance. Your owner's manual includes detailed care instructions, and we can provide ongoing support to keep your windows in perfect condition.



The Ventrolla Standard.

The Ventrolla Standard is our assurance that your windows will be restored, renovated, or replaced to the highest quality.



Nationwide

LOCAL CRAFTSMANSHIP
ACROSS THE UK

1 Million+

WINDOWS AND DOORS
RESTORED, RENOVATED,
OR REPLACED

40+ years

SPECIALISING IN
HERITAGE PROPERTIES,
INCLUDING ROYAL
RESIDENCES



RATED 'EXCELLENT' BY
OUR CUSTOMERS ON
TRUSTPILOT

400 tonnes CO²
saving per year

RETROFIT OFFSETS OUR
CARBON PRODUCTION
AS WE WORK TOWARDS
BEING A CARBON-
NEUTRAL COMPANY

WITH VENTROLLA,
YOU CAN CONFIDENTLY
EXPECT:

01	SUPERIOR CRAFTSMANSHIP — Our national team of master craftsmen, trained in our academy, have unrivalled knowledge and expertise in their craft.	05	RESPECT FOR PRIVACY — We respect your decision-making process and give you the time and space to consider your estimate carefully.
02	SUSTAINABILITY PRACTICES — We prioritise restoration and renovation before resorting to replacement, aligning with your high standards for heritage preservation and sustainability.	06	MINIMAL DISRUPTION — We treat your property as if it were our own, using dust-extraction tools, protecting furniture and carpets, and ensuring it's secure and weather-tight at the end of each day.
03	PREMIUM MATERIALS — We use only the finest materials, including responsibly sourced timber, glazing, and hardware known for their exceptional durability.	07	SEAMLESS HANDOVER — Our final quality and performance checks ensure a flawless fit and finish. We'll also show you how to operate and maintain your new windows to ensure your guarantee remains valid.
04	ONE VENTROLLA — Connect directly with us – no third parties. We provide clear estimates, contacts, and guarantees, and are available to answer your questions throughout the project.	08	BRITISH CRAFTSMANSHIP — When you choose Ventrolla, you're not just investing in quality – you're supporting British craftsmanship. Our products are expertly handcrafted in the UK, ensuring you receive the very best of British design and skill.

We don't want you to
see the difference.



Just feel it.

Our innovative technology.

Ventrolla is the coming together of time-honoured design and twenty-first century technology.

We blend traditional craftsmanship with state-of-the-art precision technology to sympathetically transform heritage windows. Our advanced perimeter sealing and sash removal systems ensure exceptional energy efficiency, effortless maintenance, and enduring beauty.

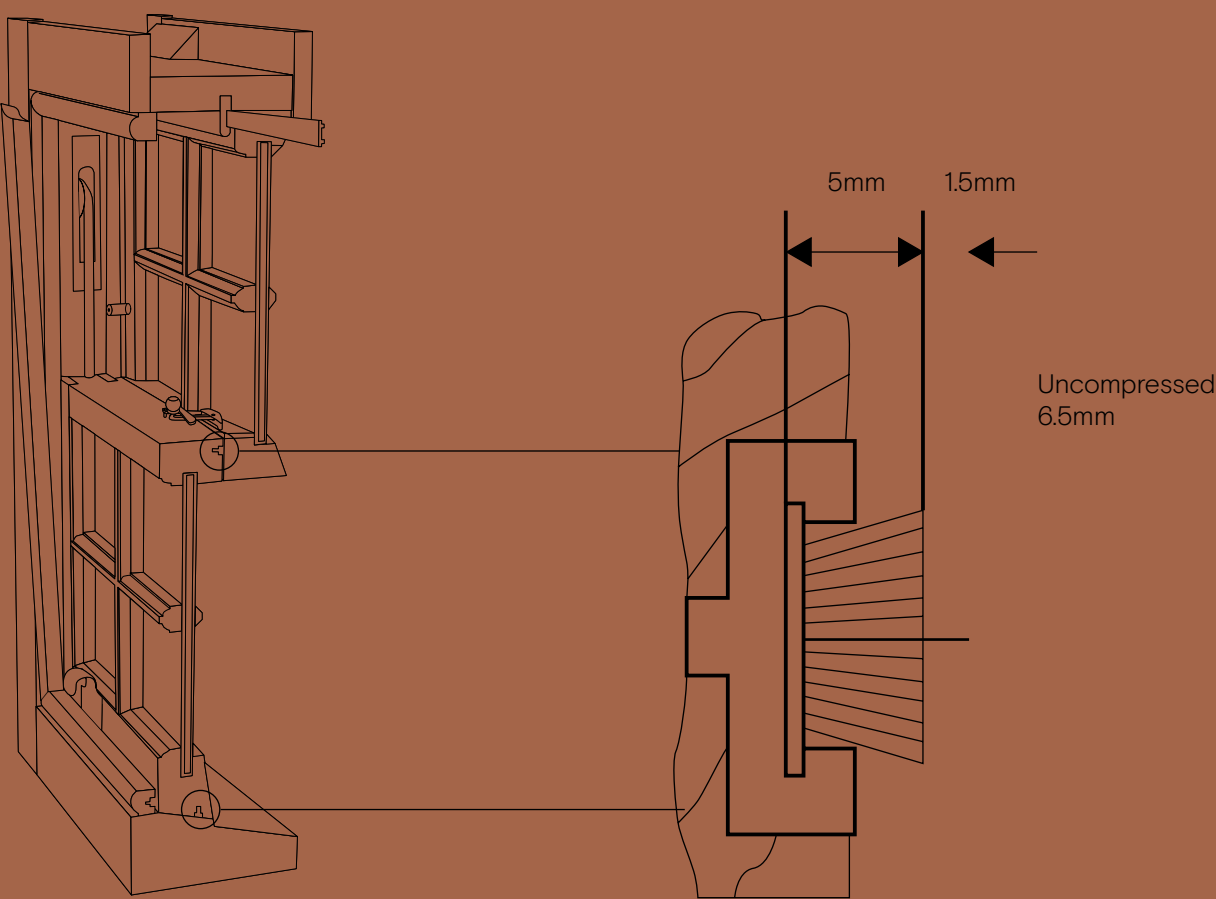
VPSS

VENTROLLA
PERIMETER SEALING
SYSTEM

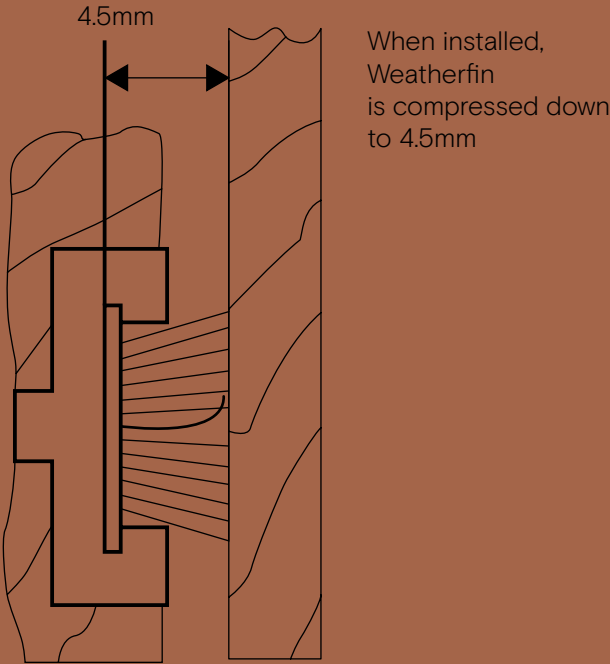
When it comes to draught-proofing heritage windows, you want to feel the difference, not see it. Our innovative draught-proofing technology creates an effective barrier against cold air entering your property. Expertly installed brush piles discreetly seal gaps without hindering window operation, maintaining both aesthetics and functionality.

SEAMLESS SEALING
FOR SASH AND
CASEMENT WINDOWS

Attention to detail is our hallmark, so the Ventrolla Perimeter Sealing System is fitted to all replacement windows as standard and can be added to your existing windows, preserving their character. Specifically designed to be installed into any shape or size of timber window or door.



VPSS is incredibly discreet, but the improvement in energy efficiency and sound is unmistakable.



30%

IMPROVEMENT IN
WINDOW ENERGY
RATING

6-10db(A)

NOISE REDUCTION
LEVELS OF UP TO
6-10db(A)



Scan the QR code
to learn more.

TECHNOLOGY

SRS

VENTROLLA
SASH REMOVAL SYSTEM
ESTD 1983

While traditional sash windows are renowned for their timeless beauty, they often present challenges, such as lost sash cords and the need for scaffolding during routine maintenance.

Our signature Sash Removal System eliminates these frustrations. Whether enhancing existing or newly crafted windows, its unique ‘brake’ mechanism secures sash cords firmly in place.

INVISIBLE
INTEGRATION

Discreetly mounted inside the sash, the SRS is hidden both internally and externally during normal use, preserving the beauty of your heritage windows.

MAINTENANCE
MASTERY

It allows for effortless removal of upper and lower sashes, providing unrestricted access to the box frame for maintenance, ensuring they remain pristine for years to come.

Regulation
compliant

HIDDEN DESIGN MEETS
CONSERVATION AND LISTED
BUILDING STANDARDS

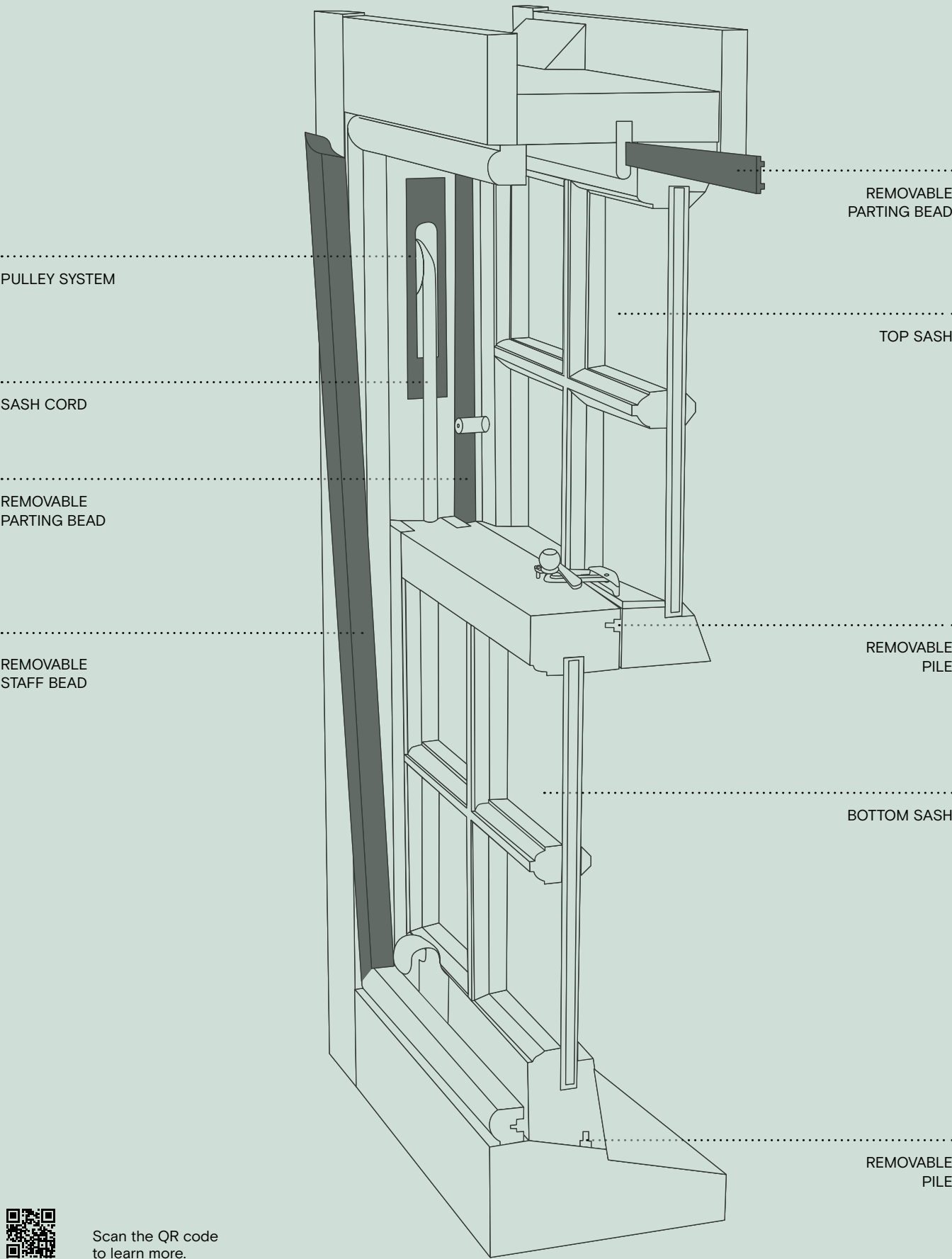
Minimal
disruption

NON-INVASIVE INSTALLATION
PROCESS PROTECTS
EXISTING WINDOWS


Scaffolding-free
maintenance

REDUCES THE NEED FOR
SCAFFOLDING AND ASSOCIATED
MAINTENANCE COSTS

We build our technology to make the hassle of treating and maintaining timber windows as painless as possible for our customers.



Scan the QR code
to learn more.



A successful
commercial
restoration

is an invisible one.

“

We had a number of the sash windows in our listed building refurbished. The whole Ventrolla team was responsive and accommodating. They kept us informed and respected our timing requirements.

Owner of a listed property – Trustpilot review



Whether you're renovating one window or door, restoring every window in your property, or sympathetically replacing windows like-for-like, we're here to assist you in finding the perfect product for your heritage building.

Choosing the perfect timber windows means harmonising with your heritage building, your surroundings, and your lifestyle.

Our services.

Renovation and restoration.

Original timber sash and casement windows embody the character and charm of any heritage property. Whether your windows are draughty, rattling, or inefficient, our premium service combines period craftsmanship with modern security and thermal performance – all while adhering to planning regulations.

HANDCRAFTED LIKE-FOR-LIKE

From a single window to an entire building, our master craftsmen provide a comprehensive service for sympathetic restoration, including:

- Draught-proofing with Ventrolla Perimeter Sealing System (VPSS)
- Easier maintenance with our Sash Removal System (SRS)
- Replacing cracked glass with high-performance glazing
- Installing discreet secondary glazing
- Sanding and replacing rotten timber
- Reweighing sashes and installing correct weights for smooth operation
- Releasing stuck or painted-shut sashes
- Installing durable hardwood sills
- Fitting new, hand-forged ironmongery



VR90

WOOD REPAIR
SYSTEM

Our unique wood repair system is designed to extend the life of decaying timber windows and doors in a suitable condition. VR90 is a powerful two-part epoxy resin that restores the strength of your wooden joints and fills gaps, preserving original features while enhancing durability.

The repair process:

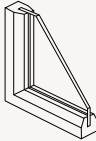
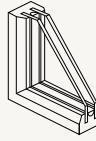
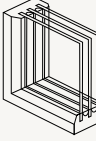
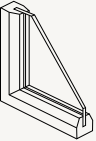
- 01. Remove decaying wood.
We eliminate all decaying wood down to sound timber.
- 02. Apply stabiliser.
We use VR90 WS stabiliser for optimal anchorage.
- 03. Fill gaps and joints.
We apply VR90 filler to gaps and joints, carefully moulding it to match the original profile.

Glazing performance upgrade.

Experience the luxury of energy-efficient double glazing and vacuum glazing without sacrificing the characterful charm of your heritage windows.

For windows in good condition, we can sympathetically install our glazing options into your existing frames. If replacement is needed, our bespoke windows ensure a perfect fit for your heritage property.

Glazing performance comparison table.

Glass type	 Ventrolla single glazing	 Ventrolla Heritage slim double glazing	 Triple glazing	 Ventrolla vacuum glazing
Thickness (mm)	3-6mm	14-16mm	44mm	7.7mm
Light transmission %	88	78	71	80
U value - W/m²K	5.82	1.2-1.4	0.8	0.7
Solar heat gain	0.82	0.7	0.4	As low as 0.2

Vacuum glazing, with its unrivalled thinness, provides superior thermal and acoustic comfort.

CHOOSE YOUR LEVEL OF ENERGY EFFICIENCY:

MODERATE

SINGLE-GLAZING REPAIR

For windows and doors that are cracked or damaged, our bespoke like-for-like replacements provide enhanced thermal and acoustic performance without the need to replace your existing frames.

SLIM DOUBLE GLAZING

Our slim double glazing matches the performance of modern uPVC windows while preserving the original profile and style of your period windows. Designed with narrow glazing bars between glass panes, it fits seamlessly in heritage frames without extensive modifications.

VACUUM GLAZING

Our thin, lightweight insulating technology uses a vacuum layer between two glass panes to significantly improve thermal insulation in your heritage windows and doors. More advanced than triple glazing, it's the ideal choice for buildings with extensive glass facades, effectively maintaining optimal indoor temperatures.

<0.7W/m²K
U-value

VACUUM GLAZING
LOW HEAT TRANSFER
OUTPERFORMS
TRIPLE GLAZING

MAXIMUM



“ The Ventrolla team were professional and flexible. They understood how important it was to upgrade and repair the existing windows to the highest standard. Due to the building's difficult access requirements, we only had small pockets of time to get the work completed, sticking to a tight schedule.

David McGinnis, Project contractor



University of Manchester,
Samuel Alexander Building

Grade II listed, 1919
300 windows



OUR SERVICES

New bespoke timber windows.

If our consultation determines your sash or casement windows are beyond repair, our bespoke joinery houses craft new replacement timber windows to match your existing profile, with innovative draught-proofing technology fitted as standard.

With decades of artisanal woodworking experience, our master joiners use twenty-first century machining to accurately replicate the original features of your windows while ensuring the modern standards of thermal, acoustic and security performance.

AUTHENTIC GLAZING BARS

Our commitment to traditional carpentry is reflected in our premium glazing bar options. Choose from 'through bars', which physically hold individual panes of glass in place, or 'bonded bars' which are affixed to a single pane to create the illusion of multiple panes. Both options are expertly crafted to deliver an authentic period look.

Meticulousness is in our nature, even down to the style of glazing bars.

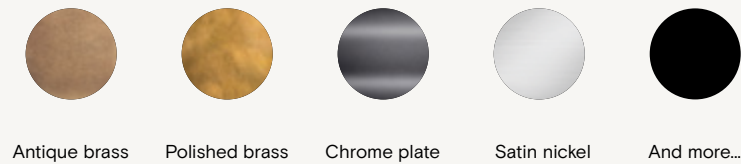
The finishing touches.

Our obsession with perfection ensures every detail of our joinery goes beyond expectations. From exquisite ironmongery to hand-sprayed topcoats that complement your windows and doors, we deliver a finish of the highest quality.



HIGH-QUALITY
HARDWARE

Hand-forged using traditional methods, our beautiful ironmongery is available in a range of styles and finishes to complement your property.



Antique brass Polished brass Chrome plate Satin nickel And more...



SOPHISTICATED
COATING SYSTEM

All our windows and doors are hand-sprayed with an advanced anti-stain primer and high-quality base coat as standard.

PAINT COLOURS
AND STAINS

As part of our comprehensive service, we can spray new windows and doors with a custom topcoat in any colour, including dual-colour options.

Choose shades from your preferred paint brands or have us match the colour of your existing windows or box frame.

Please note that exact colour and finish matches for older windows may vary slightly due to natural ageing. Rest assured, you will receive a professional finish every time.



9010 Pure white 9001 Cream Or match to any RAL colour
9016 Traffic white 9003 Signal white



“

I was very impressed with the pride they took in their work, attention to detail, their craftsmanship and the quality of the job that they finished. I am very impressed with and trust everyone at Ventrolla whom I have had contact with. Ventrolla's customer service, communications and support from start to completion and aftercare is second to none. I have no hesitation in recommending Ventrolla as the only company above all others, to replace your windows.

Homeowner - Trustpilot review

Holmfirth,
Huddersfield

Georgian

Sash windows,
two over two



Nottingham,
conservation area

Edwardian

Sash windows, one over one,
repair and renovation
including slim double glazing





OUR SERVICES

Secondary glazing.

Universal challenges like draughts, rattles, energy inefficiency, and external noise are easily tackled with secondary glazing. Our handcrafted units sit neatly behind your existing sash window, adding an extra layer of soundproofing and heat retention without the need to replace your traditional windows.

SUPERIOR SOUND INSULATION

Ventrolla secondary glazing weakens sound waves for a more peaceful indoor environment. Choose from our standard 4mm float or upgrade to thicker 6mm+ laminated or acoustic glass for superior sound insulation.

DOUBLE THE GLASS, HALF THE HEAT LOSS

Adding an extra pane of glass to your existing windows can reduce heat loss by up to 50%. Choose from standard float or toughened glass, or upgrade to Pilkington K Glass™ for optimum thermal performance.

DELIBERATELY DISCREET DESIGN

Handcrafted in aluminium with a premium timber reveal, our discreet secondary glazing is designed to preserve the historical features of your sash window.

Available in a range of colours and opening styles to suit your heritage building perfectly.

- Fixed
- Vertical slider
- Horizontal slider
- Lift-out units
- Hinged units
- Bespoke and arched

Ventrolla Consult

Planning advisory

Navigating the complexities of planning permissions can be challenging, especially if your building is listed or located in a conservation area. Ventrolla Consult, our dedicated planning advisory service, offers comprehensive support for all aspects of window and door restoration, ensuring a seamless approval process. Our services include:

- Application for conservation area consent
- Application for Article 4 Direction consent
- Application for listed building consent

CONSERVATION AREA

In most cases, draught-proofing, renovating, or replacing sashes with slim heritage double or vacuum glazing can be done without planning consent, provided the work is sympathetic to the building's character. However, buildings with multiple households, such as flats, apartments, and maisonettes, or commercial premises (including shops, offices, pubs, hotels, nursing homes, and other similar establishments), do not have permitted development rights and will always require approval. Be sure to consult your local conservation officer for guidance – Ventrolla is here to help you navigate the process.

CONSERVATION AREA
WITH ARTICLE 4
DIRECTION

For properties under Article 4 Direction, any modifications to windows or doors are highly likely to require planning approval. Sometimes, the direction may only apply to specific changes, like creating a basement. Ventrolla can help with these applications, making sure your project meets all regulations while preserving your building's integrity.

LISTED BUILDING

If your building is listed, you don't usually need consent for draught-proofing or renovating existing windows and doors, but you should always check with your local conservation officer. However, listed building consent is often required for changes such as adding new sashes in original frames or fully replacing windows, even if it's like-for-like. Ventrolla is here to guide you through every step to ensure compliance.





OUR SERVICES

Ventrolla *Plus*

Bespoke joinery services

The characterful features of your heritage building are what make it truly unique. Whether it's entrance doors, French doors, skirting boards, staircases, or shutters, our expert joiners use only the finest timber to restore, renovate, or sympathetically replace your building's traditional elements with exceptional craftsmanship.

From elegant Georgian styles to intricate Victorian detailing, we give heritage properties the craftsmanship they deserve.

BESPOKE DOORS


Our timber doors are fully customisable to ensure the perfect fit for your project. Most features, from glazing to hardware, can be tailored to your exact specifications and are fitted with our draught-proofing VPSS technology as standard. Choose from a wide range of paint colours and stains to bring your vision to life.

STYLISH SHUTTERS

We say our hardwood shutters are handcrafted, but really, they come from the heart. Built bespoke in our dedicated joinery houses and finished in a colour of your choosing, they provide the perfect finishing touch to any window project.

CUSTOM JOINERY

Whatever your bespoke joinery needs, our team of skilled artisans is ready to assist you in bringing your vision to life and ensuring every detail meets your highest standards.



We restore
heritage
windows

and a sense
of wellbeing.

A brick wall with a diagonal beam of light and a black line. The wall is made of red bricks with white mortar. A bright, warm light beam comes from the upper right, illuminating a section of the wall. A thick black line runs diagonally from the top left towards the center. In the bottom left corner, there are several dark, overlapping geometric shapes. On the right side, there is a black vertical pipe with a light switch and a small plant at the bottom right.

Quality is
imperceptible.

Usually.

VENTROLLA HOUSE
UNIT C2 CRIMPLE COURT
HORNBEAM BUSINESS PARK
HARROGATE
YORKSHIRE
HG2 8PB

Founded in 1983 by Robert Tunnicliffe, Ventrolla has over 40 years' experience of renovating, repairing, draught-proofing and replacing wooden sash and casement windows. Taking our name from the slightly warped portmanteau of 'ventilation control', Ventrolla's founder utilised skills from his previous job developing specialised gaskets and seals at Ford Motors, creating the first perimeter sealing system for draught-proofing historic sash windows.

Ventrolla