Your local supplier is:

Product specification is subject to change without prior notice. All information is correct at time of print.

PVC VERTICAL SLIDING SASH WINDOWS

for traditional & contemporary living

TRADITIONAL

DISTINCTIVE

STYLISH

RENAISSANCE
WINDOW SYSTEMS

AT A GLANCE

RENAISSANCE CONTENTS

STYLE WITH CHOICE page 04/05

FRAME CONFIGURATION

Everything at Renaissance is made to measure by our craftsmen giving you infinite choice of your ideal style.

HARDWARE & OPTIONS

Select from our range of window furniture to best compliment your style.

GLAZING OPTIONS page 06

OBSCURE & GEORGIAN BAR

Give your windows some distinctive character with our choice of Georgian fret or Astragal bar.

TECHNICAL & QUALITY page 07

QUALITY ASSURED

See the detail the Renaissance design team have gone to, to ensure that your windows provide a lifelong return for your investment.

BS EN ISO 9001:2000 FM 20651 | BS EN 7412 Lic.No. KM 30067 | BS EN 6206 Lic.No. KM 73938 | BS EN 1279/2 Lic.No. KM 20652 | BS EN 12608 Lic.No. KM 503982

CASEMENTS page 08/09

CASEMENT WINDOWS

Renaissance also provide casement windows to compliment our Sliding Sash.

CASEMENT DOORS

Our Residential and French Doors are designed to allow you to make the perfect entrance.

CASE STUDIES page 10/11

INSTALLATIONS

Now your beautiful home is complete!

You can now simply lay back and enjoy .....

WELCOME TO RENAISSANCE

modern windows of yesteryear

The Renaissance window system has evolved through years of experience by our design technicians. It has been engineered to accurately replicate the soft smooth curves of traditional sliding sash windows of yesteryear yet hold all the benefits and advantages of modern fully reinforced PVC.

Choose any combination of Renaissance PVC products for your home and you can be assured of a perfect match throughout. Casement windows, tilting windows, vertical sliding sash windows, bay & bow windows, casement doors and french doors, all designed in unison for today's modern living.

The soft smooth curves of the Renaissance Vertical Sliding Sash window give a sense of true elegance & style to any home.

MODERN LIVING

ECO FRIENDLY

RENAISSANCE WINDOW SYSTEMS

Renaissance Window Systems

ideal window solutions for your property

STYLE WITH CHOICE

FRAME CONFIGURATIONS

Vertical sliding sash window basics

The system is a very simple operation of two sashes within an outer frame that work independently of each other, on balance springs, designed to hold them at any height with an ingenious design feature allowing the sashes to tilt from inside to facilitate safe and easy cleaning.

Fire Escape

Regulations require a clear opening of 0.33m² with a minimum dimension of 450mm in both height and width. This is needed to meet the criteria for fire escape design (commonly first floor bedrooms and above). If this is not possible then the option shown below can be used with the lower sash tilting upwards to provide the extra space required.

VERTICAL SLIDING SASH WINDOW
Sliding motion illustrated

BOTH SASHES IN TILT POSITION
Tilt restrictors ensure a smooth & safe operation

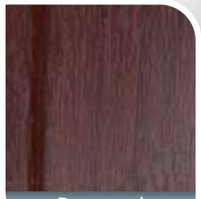
FIRE ESCAPE WINDOW
Minimum frame size of 900mm (w) x 1050mm (h)

OPTIONAL WOODGRAIN FINISHES

In addition to standard white why not choose Light Oak, Rosewood or White Woodgrain, the choice is yours!

All Renaissance windows & doors illustrated in this brochure are available in the laminate finishes below.

Light Oak



Rosewood

White Woodgrain

By coupling windows together whole new design becomes available. Arched heads, fixed sashes, bays, the configurations are endless.

STYLE WITH CHOICE

HARDWARE & OPTIONS

HARDWARE OPTIONS

Unique to the Renaissance Vertical Sliding Sash window, attractive key operated locks, handles, and other accessories available in white, gold, chrome or satin chrome.

KEY OPERATED LOCK & KEEP
Unique to the VS window

D-HANDLE(S)
Externally fixed

LIFT HOOK(S)
Illustrated in chrome option

SASH HORNS
Decorative Victorian feature

HARDWARE COLOURS
Attractive White, Gold, Chrome or Satin Chrome finishes

CHILD/SAFETY RESTRICTORS
Restricts the sash opening

TILT LATCHES
To enable cleaning of exterior

TRICKLE VENTS
Allow air flow

GLAZING OPTIONS

OBSCURE & GEORGIAN BAR

GLAZING BAR OPTIONS

From the Victorian and Georgian periods, todays bar emulates the style of the period without the need for individual units of glass. Available in either authentic Astragal glazing bars (externally mounted just like real wood) or Georgian Fret (between the panes for easy cleaning). Whichever you choose they both simulate the character of traditional town house.

ASTRAGAL BAR
Georgian fret between the glass panes & external glazing bars

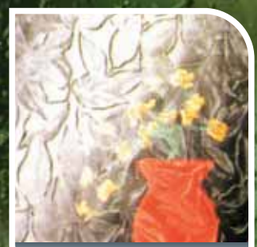
GEORGIAN FRET
Georgian fret between the glass panes

OBSCURE PATTERNS (Pilkington glass)

Texture glass offers privacy and style throughout the home. 5 levels of privacy are available, grade from 1 (least) to 5 (maximum). All available toughened for safety and security.

Ask in-store for many more Obscure options

Artic
Obscure 4


Autumn
Obscure 3

Cotswold
Obscure 5

Flemish
Obscure 2

Stippolyte
Obscure 4

Sycamore
Obscure 2

THERMAL GLASS

All Renaissance windows are supplied with 'Low E' glass as standard, but why not consider upgrading to Pilkington 'Activ' self cleaning or EnergyKare for even extra thermal efficiency.

Pilkington energiKare™
enefgy efficient glazing

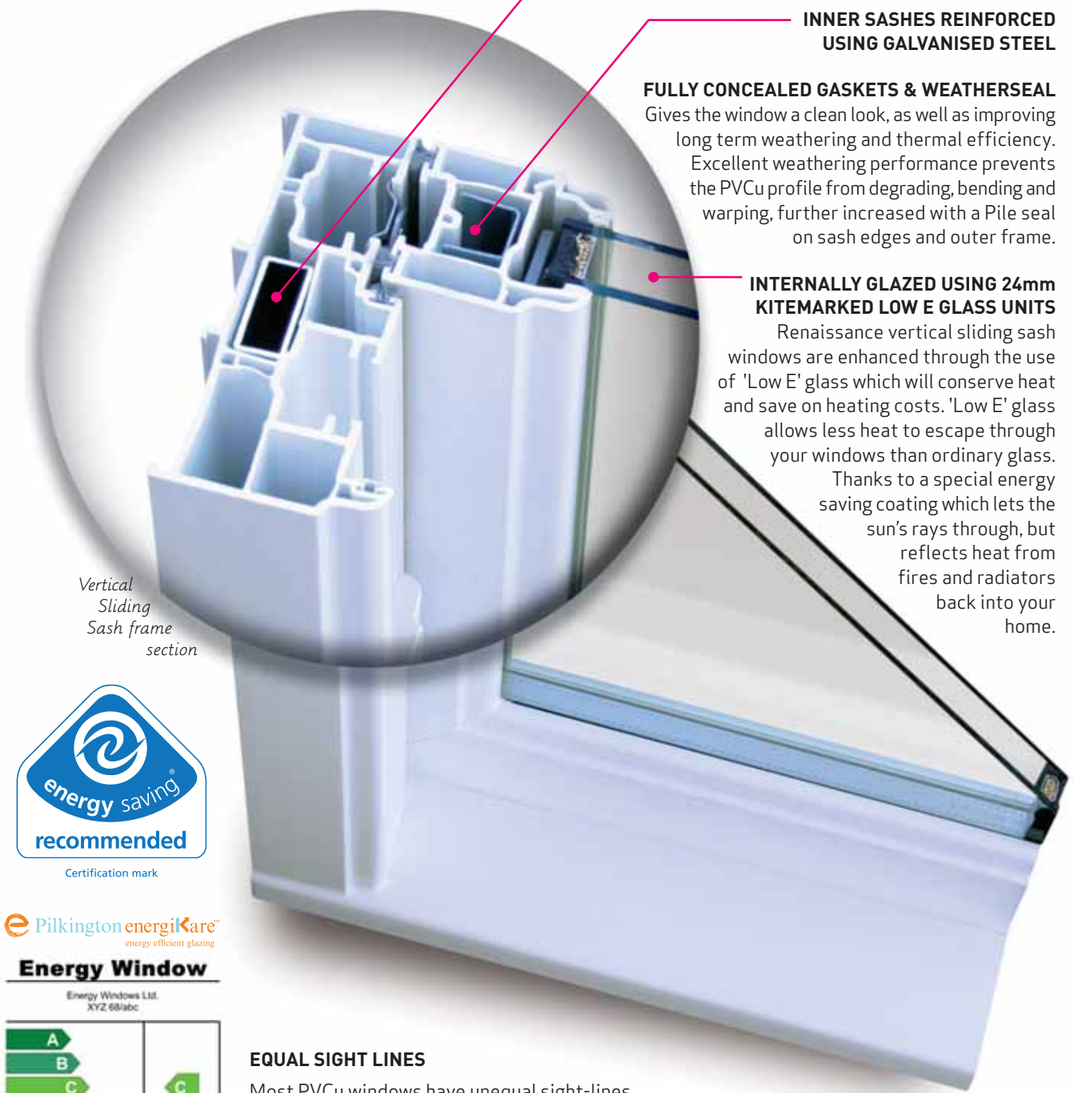
ATTENTION

IMPORTANT SAFETY GLASS INFORMATION:

However you use glass it is essential for safety and performance reasons that it is correctly specified and installed. Common areas of impact risk, where it is recommended that impact safety glass to BS 6206 is installed, include: Glazed doors, Glazing adjacent to doors, Low level glazing and Bathroom areas.

TECHNICAL & QUALITY

QUALITY ASSURED THROUGHOUT



Vertical Sliding Sash frame section

MULTI CHAMBER OUTER FRAME REINFORCED USING ALUMINIUM

INNER SASHES REINFORCED USING GALVANISED STEEL

FULLY CONCEALED GASKETS & WEATHERSEAL
Gives the window a clean look, as well as improving long term weathering and thermal efficiency. Excellent weathering performance prevents the PVCu profile from degrading, bending and warping, further increased with a Pile seal on sash edges and outer frame.

INTERNALLY GLAZED USING 24mm KITEMARKED LOW E GLASS UNITS
Renaissance vertical sliding sash windows are enhanced through the use of 'Low E' glass which will conserve heat and save on heating costs. 'Low E' glass allows less heat to escape through your windows than ordinary glass. Thanks to a special energy saving coating which lets the sun's rays through, but reflects heat from fires and radiators back into your home.

energy saving recommended
Certification mark

Pilkington energiKare™
energy efficient glazing

Energy Window

Energy Windows Ltd.
XYZ 68/abc

A, B, C, D, E, F, G	C
Energy Index (kWh/m²/year)	-20
The climate zone is:	UK
Thermal Transmittance (U_{window})	1.5 W/m².K
Solar Factor (g_{window})	0.41 W/m².K
Effective Air Leakage ($\bar{a}_{window}$)	0.02 W/m².K

Reg. No.: XXX
www.bfrc.org

This label is not a statutory requirement. It is a voluntary label provided as a customer service to allow consumers to make informed decisions on the energy performance of competing products.

EQUAL SIGHT LINES

Most PVCu windows have unequal sight-lines.
This is where the glass in the opening sections appears to be smaller than the glass in the fixed part sections. To duplicate the equal sight lines of the traditional sliding sash we have created a special insert which is fitted to the non opening section to reduce its width to match that of the opening sash. Thus a more aesthetic appearance is obtained.

Other enhanced properties include;

FACTORY TENSIONED BALANCES

KEY OPERATED LOCK

TILT RESTRICTORS

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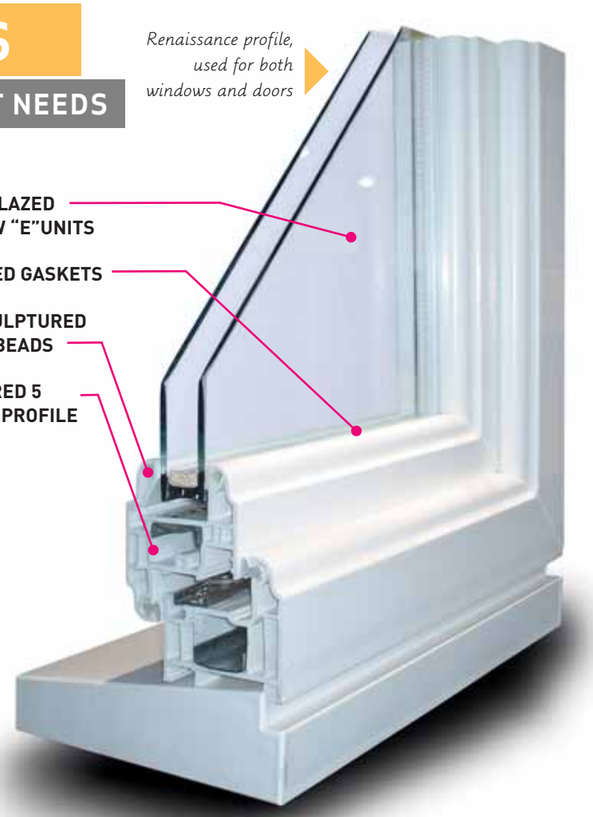
CASEMENT WINDOWS

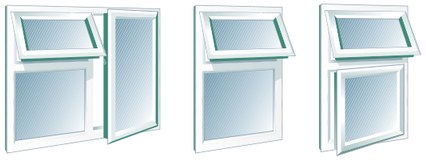
DIFFERENT STYLES FOR DIFFERENT NEEDS

CREATE YOUR IDEAL HOME

Choose any combination of Renaissance PVC products for your home and you can be assured of a perfect match throughout. Casement windows, tilting windows, vertical sliding sash windows, bay & bow windows, casement doors and french doors, all designed in unison for today's modern living.

Different windows and doors for different needs. Totally integrated system ~ so you can mix and match products throughout your home in total harmony.





- *Integrates perfectly with any window or door styles*
- *Fully sculptured frames, beads & Astragal bars*
- *Fully concealed gaskets fitted as standard*
- *PVCu is a natural insulator*
- *Low maintenance PVCu (requires no painting)*
- *No more warping, swelling, rattling or distortion*

RENAISSANCE WINDOW SYSTEMS

Utilising the Renaissance range; Casement windows, VS's and patio door, all perfectly matching.

CASEMENT DOORS

MAKE AN ENTRANCE

... with our PVCu doors, whether it be standard casement door or french doors. Manufactured from high grade PVCu all of our products are designed to provide excellent performance, security, strength, quality, weathering and durability while remaining easy to operate and maintenance-free. The styles, finishes and decorative options available are as extensive as our window range and integrate perfectly together.

Extremely strong and durable. 3 Flag hinges fitted as standard on all of our doors (colours options available).

Oak Casement door
Fully complements VS side windows

White PVC French Doors
Compliments VS windows

- *As for styles you can have just about whatever you want; panelled, half glazed, fully glazed, patterned, stained, top lights or side lights. Casement door, French Door, Patio Door (More options available in-store)*

DISABLED ACCESS DOORS:

Some doors may need to meet disabled access legislations. If you are unsure whether your doors need to meet these requirements then speak with your supplier or local planning office as minimum widths/heights and low thresholds may be required.

CASE STUDIES

RENAISSANCE INSTALLATIONS

BIG OR SMALL - RENAISSANCE HAS IT ALL

Now you can relax in your cozy, warm home, comfortable and safe .....