

# WINDOWS



THE WIDEST CHOICE, THE FINEST QUALITY AND THE HIGHEST STANDARDS



# INTRODUCTION

Your windows make an important statement. It's the first thing people see so you want it to be stylish and welcoming. But you also want it to be strong and secure because not all visitors are welcome ones.

New windows can be a big investment, so it's important you make the right decision. By choosing us, you have the reassurance that our products have been manufactured and installed by a company that's up-to-date with current legislation and backed by a guarantee. Our high quality products offer excellent thermal and acoustic insulation properties, high security and an original colour palette.



## OUR COMMITMENT TO THE ENVIRONMENT STARTS IN THE FACTORY

For us, awareness of our impact on the environment starts in the factory. We choose VEKA products because of their industry leading quality, but also because of the company's environmental commitment. It takes its responsibilities very seriously and leads the way in minimising the environmental impact of PVC-U at every stage of a product's life, including manufacture, fabrication, energy efficiency in the home and recycling. VEKA remains the world's only PVC-U system supplier ever to invest in a purpose-built recycling plant. The plant can recycle an old window into a brand new window, rather than simply recycling into lower grade products such as drain pipes as is the industry standard.



## HIGH SECURITY LOCKING AND OPTIONAL STEEL REINFORCEMENT

All our windows come with high security locking as standard. The frames can be internally reinforced with galvanised steel, where required, to provide additional strength and an extra safeguard against intruders.

You can also opt to add shootbolts to your windows if you want an additional layer of security. Shootbolts on our casement windows are from Yale, a well-known name to consumers up and down the country. Every Yale shootbolt is covered by the Yale Secure Scheme which safeguards homeowners' insurance excess should they be victim to a break-in through the window.



## ENERGY EFFICIENCY

In today's world, energy efficiency is essential. Energy efficient doors, windows and conservatories reduce heat loss, so your home feels warmer and less draughty. But more than that, you're reducing your carbon footprint, helping to protect the planet for future generations. Our window, door and conservatory products provide a perfect balance between energy efficiency and comfortable living.

Research suggests that home energy use accounts for around 27% of the UK's CO2 emissions. A simple change, such as fitting energy efficient windows throughout the UK could save an estimated five million tonnes of CO2!





## VEKA MATRIX 70 CHAMFERED

As one of the most widely specified systems in the industry, the MATRIX 70 lets you create virtually any style or design of window or door in any type of building. Offering you much greater flexibility and control on the jobs you are working on.

VEKA Group have pioneered the design and manufacture of window systems in the UK for over 30 years to become the most specified in the world. First launched in 1986 the Matrix 70 has undergone continued investment to evolve into the classic it is today. In terms of technical performance and features for installers, fabricators and homeowners Matrix 70 has them all.

Our Casement window offers an efficient, versatile window in a wide range of styles and finishes, offering complete flexibility for every installation. PVCu casement windows continue to be one of the most popular choices among homeowners in the UK.

Using the Veka system, we can manufacture a range of options, including Matrix 70 Chamfered, Matrix Fully Sculptured or the unique option, the Matrix 58 system, offering narrow sight lines, simple beading and easy installation, perfect for any trade counter.

Available in a stunning array of colours, whether it is from the standard stock colours, the spectrum of variation foil or a bespoke RAL colour, we can supply you an unprecedented range of options. The range is available with Secured by Design accreditation.



## MATRIX FULLY SCULPTURED

Take a look at the stylish lines of the VEKA Fully Sculptured Window System and you will see PVCu in a new light. As technically advanced as it is beautiful, Matrix FS rewrites the rules, adding a softer, more rounded look to suit any home, whatever its size or vintage. Its perfectly balanced curves and slender sight lines create a unique appearance that blends with the character of classical architecture, but is equally at ease in the most contemporary of homes. Matrix FS is the latest in a long heritage of VEKA PVCu frame technology that has stood the test of time in some of the world's largest and most prestigious building projects as well as literally millions of private homes.





## VEKA MATRIX 58 SYSTEM FEATURES

- Galvanised steel re-enforced sections
- Maximum outer frame height and width – 3000mm
- 75mm sculptured sash
- 58mm multi-chambered profile
- Glazing beads with co-extruded PVC nitrile gaskets
- Top hung sash maximum width and height 1400mm
- Side hung sash maximum width 800mm, max height 1500mm







## VEKA FLUSH SASH SYSTEM

From our factory in Newport, we manufacture our flush sash windows using VEKA systems. The VEKA flush sash system has an option of a mechanically join the transoms and mullions to further enhance the smooth finish. Our flush sash windows easily achieve the highest 'A' window energy rating and can accommodate 28mm double glazed units or 36mm triple glazed units. VEKA flush sash windows are simple to manufacture, allowing us to provide excellent lead times to our trade customers.

They provide an easy to install design which is popular with installers, helping you to grow your business. Flush sash windows are compatible with other VEKA fixtures and fittings, meaning your inventory can be kept low to reduce costs. The range is available with Secured by Design accreditation.







## VEKA FLUSH SASH SYSTEM FEATURES

- U-values as low as 1.4 W/m<sup>2</sup>K
- Mechanical outer frame
- Maximum top hung opening sash size – width and height 1250mm
- Maximum side hung opening sash size – width 700mm height 1350mm
- 30 colour options including authentic woodgrain finishes
- Accommodates double and triple glazed IGUs



# TILT AND TURN WINDOWS

Tilt & turn windows are an innovative and high performing glazing solution. They are ideal for high rise residential and commercial buildings where exterior access can be difficult. Fabricated at our Newport factory using high quality VEKA systems, our tilt and turn windows are an excellent addition to any product portfolio. We supply direct to trade installers for a convenient and professional service.



The clean, angular lines of bevelled PVCu window frames and the softer lines of the Fully Sculptured come together in Matrix 70 and Matrix FS to form the most comprehensive range of high-specification window systems in the industry.

Aimed to replicate the look of conventional timber frames with bevelled putty, Matrix 70mm has been a mainstay of the industry for some years.

The Matrix FS was launched in specific response to demand from the domestic market, but has also seen a growing demand in the commercial arena.

Together, they offer the ideal choice for any location in the retrofit, new-build and commercial environment and can both be utilised to create a range of casement or tilt & turn window styles.

- An ideal window for many different types of installation from high rise blocks to domestic houses.
- Features include the ability to clean the outside glass from the inside and the ventilation benefits while in the tilt position.
- Two operating positions, first or tilt position offers ventilation, second or turn position offers cleaning and egress
- Child restrictors and 'safe' locking handles provide safety in use features
- High security locking mechanisms
- Windows tested to PAS 24
- Windows open inwards into the room
- Achieves U-Values as low as 1.4 W/m<sup>2</sup>K
- Noise reduction up to 40dB (RW)
- 70mm front to back multi-chambered profiles.
- Available in white, woodgrain and coloured finishes



## VERSATILITY

A window that provides simple operation to tilt inwards from the top for ventilation, retaining a high degree of security with the ability to maximise fresh air and clean the outside of the window easily. The Tilt & Turn offers PVCu window customers the superb combination of versatility and value without compromising quality and price.



## PIONEERING

The Tilt & Turn system from has been a favourite window from our installers for many years. Created by VEKA Plc, a pioneer in the design and manufacture of window systems in the UK since 1986, our window designs have continued to evolve with ongoing investment, we can ensure its position as a renowned classic remains.



# VERTICAL SLIDING WINDOWS



Vertical sliders are suitable for a variety of applications. They are often used in conservation areas and on period properties to replace original timber sliding sash windows. Our PVCu vertical sliders function on a durable spring and spiral balance system. This makes them far more user friendly and less prone to problems than the traditional weights and pulleys system common in heritage sash windows.



## VEKA VERTICAL SLIDER SYSTEM FEATURES

- Traditional front to back profile dimension to match existing box arrangements
- Sections designed to match traditional aesthetic appeal
- Deep bottom rail option
- Upper and lower sashes tilt inwards for ease of cleaning
- Traditional astragal Georgian bar arrangements
- Traditional hardware design and functionality
- Full range of style options and sizes to enable replacement of traditional products
- Fully mechanically jointed version available



## ATTENTION TO DETAIL

Crafted with attention to detail, our vertical slider windows (also known as sash windows) combine the functional benefits and performance of a modern PVCu window with the feel, aesthetic appeal and operational simplicity of a traditional style window.

Our vertical slider windows have a timeless elegance made with beautiful proportions and symmetry.



## CHARACTER

They have the true looks of the original timber sash window, retaining all of the character of the property itself. The modern vertical slider not only emulates the aesthetics of its traditional timber equivalent, but also offers additional benefits such as the easy maintenance of PVCu. We also offer the option of run-through sash horns for a truly authentic look.



