



WE CARE
WE ACT

GLAZERITE
Trusted fabrication partner

Specification Guide

A complete guide to all VEKA plc products

WHY CHOOSE GLAZERITE?

At Glazerite UK Group, we've built our reputation as the trusted fabricator for trade professionals – backed by three decades of industry experience and a relentless focus on supporting installers like you. Whether you're operating in residential, commercial, or new-build sectors, you'll find we're more than a supplier – we're an ally in your success.

Comprehensive VEKA Product Range

As the UK's largest VEKA fabricator, we offer the full suite of VEKA and Halo systems, giving you proven quality, flexibility, and performance across every style of window and door. From contemporary casements to traditional vertical sliders, from energy-efficient tilt & turn to elegant flush sash, our VEKA range is designed to meet the demands of any installation. Backed by Secured by Design options, heritage features, and outstanding thermal performance, we provide the tools to help you win business and deliver installations with lasting value.

GLAZERITE
Trusted fabrication partner

Technical Expertise & Planning Support You Can Rely On

We know that complex installations require more than standard product hand-overs. That's why Glazerite offers proactive collaboration from quote through to completion, including wind-load calculations, cross-section drawings, Secured by Design upgrades, and building regulation compliance. Engineers and technical advisors are available to support your toughest jobs and minimise risk.

Nationwide Reach, Local Responsiveness

Manufactured across six UK sites (Midlands, Northwest, North, East, Southwest – with Scotland support now in place), we deliver consistently – wherever you're based. Coupled with regional account teams, you'll always have a reliable contact for sales, technical, and operational support.

Why Partner with Glazerite?

- VEKA-led product excellence: trusted systems that deliver on style, security, and performance.
- Technical & project support: ensuring complex installs are successful from day one.
- Efficient logistics & local service: always delivering on time with personal support.
- Value-driven extras: differentiate your offering with innovative smart hardware and strong guarantees.
- Marketing expertise included: tools and campaigns to help you compete and grow.

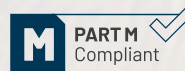
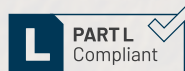
Quality. Innovation. Sustainability.

As the world's largest PVCu systems company with over four decades of experience, VEKA is committed to quality, innovation, and sustainability. Our vision is to be the brand of choice based on a heritage of trust and achieved through investment in our people and products.

We emphasise collaboration with fabricators, architects, installers and homeowners to deliver exceptional customer experiences. By focusing on sustainability and industry-leading innovations, we ensure our systems not only meet but exceed standards, reinforcing our commitment to long-lasting partnerships throughout the supply chain.

VEKA

Fully Compliant



World-Class Delivery

95%+ On Time In Full performance, ensuring reliable supply.

Closed-Loop Recycling



VEKA Recycling

VEKA Recycling leads Europe with advanced PVCu reuse.



Extensive Colour Range

A full suite of profiles available in a wide variety of finishes.

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Why choose PVCu?



Durability

The British Plastics Federation (BPF) and the Building Research Establishment (BRE) identified that PVCu windows have a life expectancy of at least 35 years.



Energy Efficiency

At VEKA, we offer some of the most energy efficient frames on the market today. The UK's first BFRC A-rated PVCu window was VEKA, and our suite of recycled profiles has won awards and set many environmental firsts since its launch. New to the range is the Softline 82 - Passivhaus window, a Passivhaus Certified Tilt & Turn window ensuring minimal energy loss and optimal thermal performance.



Weather Resistance

VEKA windows will not rot, peel, crack or warp, no matter what the weather throws at them. Multiple chambers, co-extruded gaskets, the option for steel reinforcement, triple glazing and many other design features all contribute to weather-tight windows which are A-rated as standard.



Recyclability

The average PVCu window has a lifespan of at least 35 years and can be recycled up to ten times - VEKA Recycling is effectively helping create windows with a 350 year lifespan. Recycling PVCu drastically cuts down depletion of the world's valuable resources and subsequently, the use of recycled windows material offer commercial clients an opportunity to demonstrate a positive environmental commitment.

All parts of the window are fully recyclable at the end of the window life including PVCu profile, glass, hardware, steel/aluminium reinforcement and gasket.



Sustainability

With some of the UK's best thermal efficiency performance results and the use of recycled post-consumer materials in some products, VEKA windows and doors help reduce waste and consumption of resources, and improve your project's carbon footprint.



Low Maintenance

The high quality PVCu materials used in our products result in windows and doors that are very low maintenance in turn reducing costs for the end client.

Discover VEKA

We know what we're good at and that's where we apply our focus. We're knowledgeable and we use our expertise to design, develop and extrude quality PVCu systems. It's earned us a heritage of stable and measured growth, producing leading, popular and reliable products.



Heritage

VEKA has been leading the global development of PVCu window systems for 55 years, through design, innovation and customer focus. With subsidiaries in over 40 countries across Europe, Asia, and America, VEKA is the world's largest manufacturer of extruded PVCu products. Headquartered in Germany and family owned since 1969, VEKA has retained the culture that created its success, offering a heritage of quality, efficiency, reliability, and stability to its partners.

VEKA plc is the UK arm of the company, known for its VEKA, Halo, and OMNIA profile systems, as well as its use of recycled PVCu. Each one sets a high standard in the industry for both technical performance and design. Our German heritage backed by British craftsmanship means that quality is embedded deep in our ethos and our ongoing commitment to product development means we'll continue to evolve as technology and the market evolve.



People

Our technical team are on hand to provide support whenever you need it. They are only a phone call or an email away and can assist with CAD design, as well as BIM, prototyping and wind load or energy calculations so you can make sure you're specifying the perfect window for your project.

Our technical team aren't scientists in white coats. They're straight talking, experienced people that have had years of working with PVCu products. Over the years they've extruded, fabricated, installed, dismantled and inspected. With this knowledge comes a depth of understanding – not just about products – but about the people who live with our products every day.



Quality

Our products are of outstanding quality. All of our products meet BSI Kitemark standards, hold ten year guarantees and we're certified to ISO 9001:2015. We look to conform to PAS24 and achieve the highest possible U-value ratings. But what's more important to us is that our products meet our own exacting standards.

We rigorously apply testing and quality controls to the highest possible values to ensure our profile maintains a consistently high performance level.



Choice

From our systems comes immense choice – but intelligent choice. From these you can offer a portfolio of products for residential, commercial or public sector projects, products that are in high demand.

In developing our Variations colour range, we not only focused on getting the colour and texture of every foil just right, we also looked at how we could deliver you the products you need, on a lead time that works for your project. It's only a small detail – but one that means we carry the largest UK stock holding – £8 million worth covering over 5500 SKUs.



Innovation

There's always a better way of doing things, a product that hasn't been invented, a new technology to be discovered, a new way of working. There's always an improved and more efficient way. It's this culture that has steered us for 55 years. Innovation is in our DNA, with a history driven by our knowledge and experience, from the first ever A-rated window, to a pioneering approach to recycling.

Our product range and service offering continues to evolve, setting the standard by which others are measured. What inspires our innovation? Well you do. Together, we'll shape future living spaces one window, door or home at a time.

Set Standards. Choose VEKA.



The services we offer



**VEKA
Recycling**

VEKA Recycling, the UK's first PVCu recycling facility has grown into Europe's most advanced Recycling Centre.

Our dedicated recycling facility, based in Wellingborough, processes end-of-life PVCu windows and doors with an annual recycling capacity of 25,000 tonnes. The average PVCu window has a lifespan of at least 35 years and can be recycled up to ten times – VEKA Recycling is effectively helping create windows with a 350-year lifespan.

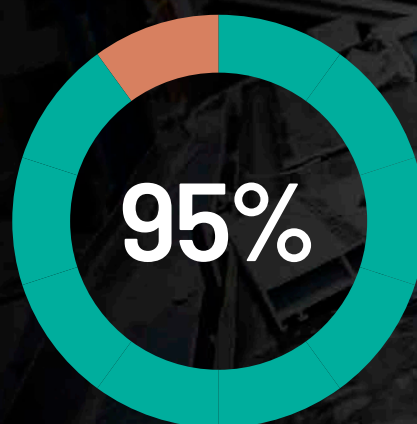
Recycling PVCu drastically cuts down depletion of the world's valuable resources and subsequently, the use of recycled windows material offer commercial clients an opportunity to demonstrate a positive environmental commitment. All parts of the window are fully recyclable at the end of the window life including PVCu profile, glass, hardware, steel/aluminium reinforcement and gasket.

In 2024 VEKA
Recycling processed over

**68,300
tonnes**
of PVCu
across Europe.

In 2024 VEKA
Recycling diverted

**1.35
million**
frames from landfill
in the UK.



Approximately 95% of the
PVCu waste collected by
VEKA is recycled



**Closing the loop on
PVCu recycling**

We are proud to close the loop on PVCu recycling. We use the latest technologies to create pelletised PVCu which is passed onto approved extruders to make new building products, including new PVCu windows. VEKA's latest ReCore range uses grey recycled PVCu in the core of its products, like the ReCore Cill above.

Supply chain & customer service

At VEKA, our supply chain is designed for efficiency, reliability, sustainability, and our customer service team is there to help for any query or order. Operating from our advanced manufacturing and distribution facility in Burnley, Lancashire, we serve customers nationwide.



World-Class On Time In Full

A company that consistently achieves 95% or higher on-time delivery and complete order fulfillment is considered World-Class, and at VEKA performance consistently exceeds 98%. This requires a sophisticated supply chain with robust forecasting, inventory management, and real-time tracking. It also involves strong supplier collaboration, optimised logistics, and continuous improvement.



Customer Service - The First Line Of Contact

Our friendly and helpful customer service team are on hand Monday - Friday to help with all your orders, queries and questions, ensuring a smooth process from order to delivery.



VEKA commercial support

VEKA delivers more than just high-performance PVCu systems, we offer comprehensive support for every stage of your commercial project. From healthcare to high-rise, our solutions meet the demands of modern construction, combining durability, thermal efficiency, and security with smart, specification-ready design.



With decades of hands-on industry experience, our experienced technical team understand both the products and the practical challenges you face.

Digital tools like WinDoPlan and NBS Source make specifying easier than ever, giving you instant access to product data, U-values, and location-specific performance figures. VEKA's systems are also available as BIM objects to streamline collaborative working and ensure accuracy from the outset. With trusted products and expert support, VEKA is your reliable partner for delivering sustainable, regulation-compliant solutions, backed by 55 years of innovation and industry leadership.

Testing laboratory & accreditations



Meeting Standards, Supporting Success

In addition to our in-house testing facility where we make sure our products meet and exceed British standards, we have an onsite Technical Team who are here to provide support whenever you need and Technical Service Engineers who can help with set up and queries offsite.



BSI Kitemark

The BSI Kitemark is an invaluable mark of quality for all sorts of products, but particularly materials and hardware for the construction industry. It's of paramount importance that specifiers, contractors and end users can place complete trust in the fabric of their buildings and we're proud that for over 20 years, all our VEKA plc products have carried that instantly recognisable sign of confidence.



PAS 24 & Secured By Design

As part of our commitment to providing high-security products for our partners, our systems are rigorously tested to meet PAS 24 standards. When fabricated in line with VEKA plc manuals, they can also be approved under the Secured by Design scheme - the Police Preferred Specification for enhanced security.



ISO 9001:2015, ISO 50001 and ISO 14001:2015

Our factory at VEKA plc in Burnley, Lancashire has achieved accreditations meeting British standards for quality and environmental management. We are certified to Quality Management System ISO 9001:2008 in the design and manufacture of PVCu window and door components and extrusion and to Environmental Management System ISO 14001:2004 in the design and manufacture of PVCu window and door systems.

Building regulations & warranty

Building Regulations



When correctly fabricated our windows and doors meet building regulation requirements across the United Kingdom and Ireland.

WinDoPlan can be used to calculate thermal values and wind loads, and the VEKA Technical Team are available to help with any additional building regulation advice.

Warranty



The VEKA profile has a warranty of 10 years from the date on the profile, as set out in the terms and conditions of sale. This shows that the quality of the VEKA profile is high, and that the profile will maintain its shape and be resistant to the effects of weathering as per BS EN 12608.

Exposure categories & testing guidance



Testing Guidance

What is a U-Value?

A U-value is the measurement of heat transferred from one side of a window (or door) to the other. The lower the U-value, the less heat that would be lost through the door or window. The notional value is 1.2 for new builds and 1.4 for existing dwellings. These are calculated for the whole building (walls and windows etc.). For example, a 1.6 u-value for a window is allowable but this needs to be made up elsewhere. The Black & White guide, available on the VEKA UK website, gives specifications for our windows to meet these requirements and how to achieve the U-values in this guide.



Energy loss (W/m²K-value)

What are Energy Ratings?

Energy ratings are different to U-values. It usually works that there is a trade-off between the two. Energy ratings incorporate G-values, U-values, and air permeability, and they are calculated based on regulation windows (fixed next to opener).

What is a G-Value?

G-Values are used to measure how much heat is transmitted through a window from the sun's rays.

Exposure Categories

Exposure categories are specified by the design wind load, and define the classifications required for a specific area. WinDoPlan allows you to calculate the wind load for your project, with a map detailing the windspeed differences across the UK.

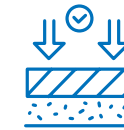
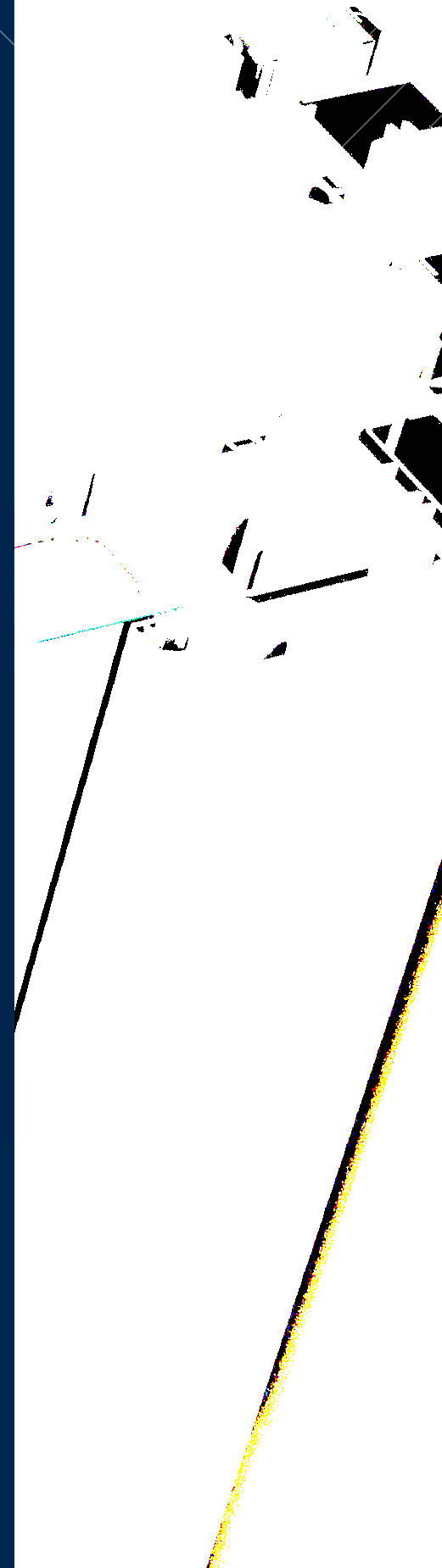
What we can do for you



WinDoPlan

WinDoPlan

- ✓ Exclusive to VEKA and free to use
- ✓ Digital planning and tendering tool
- ✓ Create product specific U-Values
- ✓ Calculate glass area and location specific wind loads
- ✓ Quick access to live technical information
- ✓ PDF, DWG and DXF file downloads



Extensive Testing

We offer an indicative in-house testing facility for all of our windows and doors.

We work closely with hardware and component manufacturers to ensure that our products not only meet, but exceed all

British standards including security, weather testing or cyclic testing.



NBS Source

VEKA windows and doors are available on NBS (National Building Specification) Source.

You can find all the information for your specification from an expansive catalogue of systems.

Enables a quick and easy addition to digital design specifications.



BIM Objects

Our windows and doors are available as BIM objects through WinDoPlan

This provides all the relevant information for your specification and project requirements.



CAD Design

We can provide a wide range of technical information to assist specifiers including:

- ✓ Feasibility drawings
- ✓ CAD blocks
- ✓ Cross section details

For additional support email

technical@veka.com

Our colour range



Feinstruktur

Style with strength

Feinstruktur [*fine structure*] is a decorative foil that offers the very best of both worlds; the practicality of a durable premium finish, with a finely-textured surface that mirrors the sophistication of powder-coated aluminium.

Bold and beautiful

You may be seduced by its sophisticated look, but the real beauty of Feinstruktur is in the innovative technology built into the decorative foil. Tested to VEKA's industry-leading standards, it boasts a high degree of resilience that resists scratches and repels fingerprints and dirt. It also withstands harmful UV rays, extremes of temperature, and exposure to chemicals and cleaning agents. The result is easy maintenance and effortless elegance. For beautiful windows and doors, whatever life throws at them.



Hard wearing and robust

Feinstruktur has a very hard-wearing surface that offers protection against knocks, scratches, and stresses during transportation, installation, and life in the home.



Reduced thermal absorption

The infrared-reflecting pigments of Feinstruktur significantly reduce thermal absorption, keeping the frame free from warping or twisting so it maintains its shape.



Resists harsh chemicals

This durable and elegant finish is resistant to chemicals, including cleaning agents and alcohol. Cleaning is effortless and any hard to remove dirt can be removed with ease.



Sustainable and recyclable

Feinstruktur is made from sustainable raw materials and is fully recyclable, creating a high quality product that you know can be recycled.

A Palette for Modern Living

Eight contemporary colours that harmonise with every style of architecture.

Feinstruktur is available in a range of sophisticated shades to create a stunning impression for contemporary or traditional spaces – inside and out. Beautiful and bold, the palette reflects the latest colour trends while complementing an array of different façades and materials.

01

Anthracite Grey

02

Black

03

Slate Grey

04

Quartz Grey

05

Basalt Grey

06

Silver Grey

07

Umber

08

Traffic White

Ex-stock colour range

Our full range of 18 ex-stock colours is available across all systems. If a colour isn't stocked for a specific product, it can be made to order.*

White

Ref

White

Nearest RAL

9010

Cream

Ref

Crem

Nearest RAL

9001

Chartwell Green

Ref

CGrn

Nearest RAL

6019

Pebble Grey

Ref

PbbI

Nearest RAL

7032

Feinstruktur - Black

Ref

BlckFS

Nearest RAL

9005

Rosewood

Ref

Rose

Nearest RAL

8017

Agate Grey

Ref

Agte

Nearest RAL

7038

Irish Oak

Ref

Ioak

Nearest RAL

1011

Beck Brown

Ref

Blck

Nearest RAL

8022

Slate Grey

Ref

Site

Nearest RAL

7015

Claystone

Ref

Clay

Nearest RAL

-

Golden Oak

Ref

Goak

Nearest RAL

8001

To request an ex-stock swatch book email salesenquiry@veka.com

*Feinstruktur and SPECTRAL are only available on bevelled or flat surfaces.

98%

of our orders are fulfilled from stock. Our delivery promise for stocked items is

order on day 1, delivery on day 3.

All the colours in our Variations ex-stock range, share the same lead time as our standard profile.

Basalt Grey

Ref

Bslt

Nearest RAL

7012

Silver Grey

Ref

Silv

Nearest RAL

7001

Anthracite Grey

Ref

Anth

Nearest RAL

7016

Feinstruktur - Anthracite

Ref

AnthFS

Nearest RAL

7016

SPECTRAL - Anthracite Grey

Ref

Anth*

Nearest RAL

7016

MTO colour range

In addition to our ex-stock colour range, we also have a collection of Made-to-Order Colours on an extended lead time. Together with the ex-stock colours there are 44 colour options in total, covering different finishes from woodgrain to matt options.

Monument Oak

Ref MOak
Nearest RAL 7006

SPECTRAL - Platinum Grey

Ref Plat*
Nearest RAL 8017

SPECTRAL - Graphite

Ref Grap*
Nearest RAL 9011

Feinstruktur - Basalt Grey

Ref BsltFS
Nearest RAL 7012

SPECTRAL - Umbra

Ref Umbr*
Nearest RAL -

Ulti Matt Black

Ref UBlk
Nearest RAL 9011

Feinstruktur - Slate Grey

Ref SltFS
Nearest RAL 7015

Ginger Oak

Ref Ging
Nearest RAL 1001

Feinstruktur - Umber

Ref UmbrFS
Nearest RAL -

Feinstruktur - Traffic White

Ref WhiteFS
Nearest RAL 9016

Anteak

Ref AnTK
Nearest RAL 7048

Feinstruktur - Silver Grey

Ref SilvFS
Nearest RAL 7001

Light Ivory

Ref Livy
Nearest RAL 1015

Dark Green

Ref DGrn
Nearest RAL 6009

Dark Red

Ref DRed
Nearest RAL 3011

Regency A

Ref Rgcy
Nearest RAL 8017

Light Oak

Ref LOak
Nearest RAL 8008



To request an MTO
swatch book email
salesenquiry@veka.com

*Feinstruktur and SPECTRAL are only
available on bevelled or flat surfaces.

Feinstruktur - Quartz Grey

Ref QuarzFS
Nearest RAL 7039

Mountain Pine

Ref MPne
Nearest RAL 1011

Steel Blue

Ref SBlu
Nearest RAL 5011

Siena PN

Ref Snna
Nearest RAL 8028

Natural Oak

Ref NOak
Nearest RAL 1002

Balmoral

Ref Balm
Nearest RAL 7030

Windsor

Ref Wind
Nearest RAL 1019

Walnut V

Ref WInt
Nearest RAL 8028



Our product range

OMNIA

From detail comes beauty

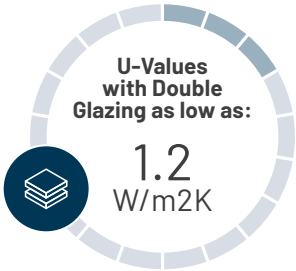
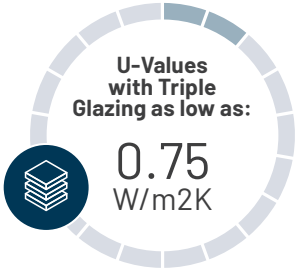
Slim. Elegant. Stylish.
With a sleek profile
and a flush fit.
Inside and out.

Everything about OMNIA is beautifully designed. Corners that emulate traditional timber joints. Trims and beadings that echo contemporary styles. Clean, uncluttered lines that are elegant and understated. From Casement and Tilt & Turn windows, to Residential and French doors. All with more glass and less frame. So you can bring light and air into your home. Beautifully.



Casement Window

The OMNIA Casement Window is a part of a pioneering suite of double flush double rebated windows and doors.



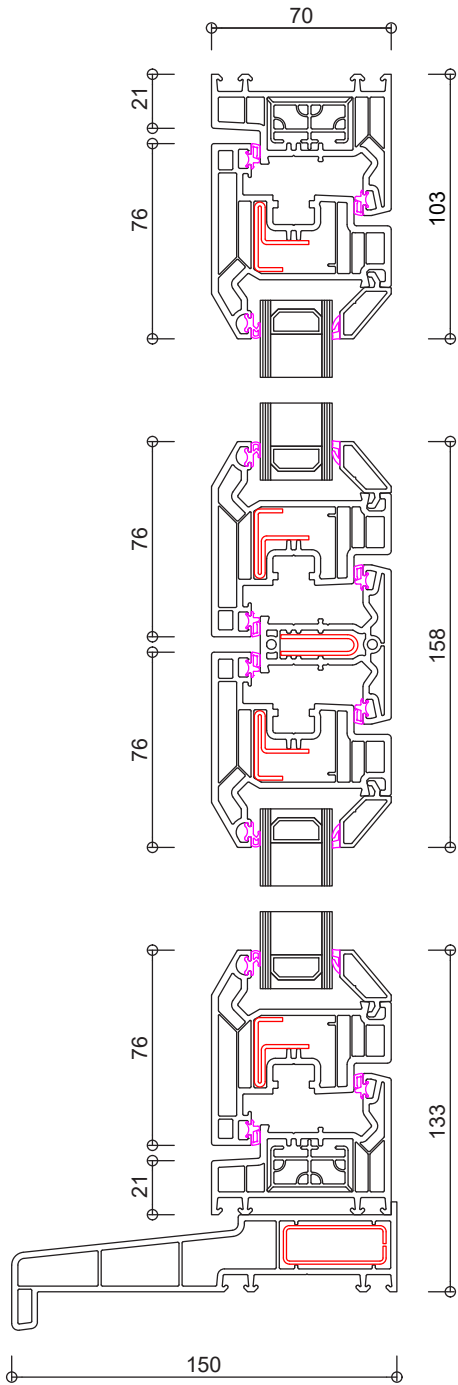
Test Results

Window type: Top hung	
Max sash sizes (wxh)	1500mm x 1500mm
Air permeability	Class 4
Water tightness	Class 9A
Resistance to wind	A5
Exposure category	2000

Window type: Side hung	
Max sash sizes (wxh)	850mm x 1600mm
Air permeability	Class 4
Water tightness	Class 9A
Resistance to wind	A5
Exposure category	2000



Technical Drawing



Features and Benefits

- Modern casement aesthetic**
Clean lines and sleek profile suitable for both traditional and contemporary styles.
- Traditional timber-style corners**
For those seeking a classic, authentic look with the durability of modern materials.
- Zero sight-line mullion**
OMNIA's zero sight-line mullion creates a stunning expansive visual effect that stands out from the standard options in the market.
- Ultra compatibility**
Compatibility with premium fixtures and fittings as well as high quality hardware complements the OMNIA system, ensuring smooth operation and lasting performance.

Maximum sash sizes
Top hung: 1500mm (w) x 1500mm (h)
Side hung: 850mm (w) x 1600mm (h)
Fixed light: 3000mm (w) x 3000mm (h)

Outer frames
55mm and 67mm outer frames

Mullions
62mm and 84mm mullions

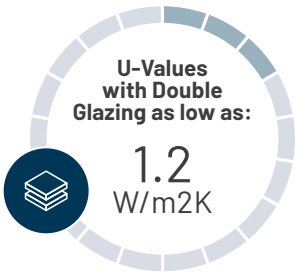
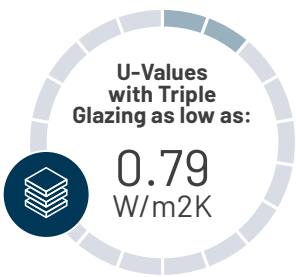
Sash
76mm T or Z sash

Glazing beads	
• 10mm bevelled	• 28mm rebated
• 28mm bevelled	• 36mm bevelled
• 28mm sculptured	• 40mm bevelled
• 28mm putty	• 44mm bevelled

Ancillaries
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

Tilt & Turn Window

The OMNIA Tilt and Turn window combines sleek aesthetics with practical performance in a double flush, double rebated design.



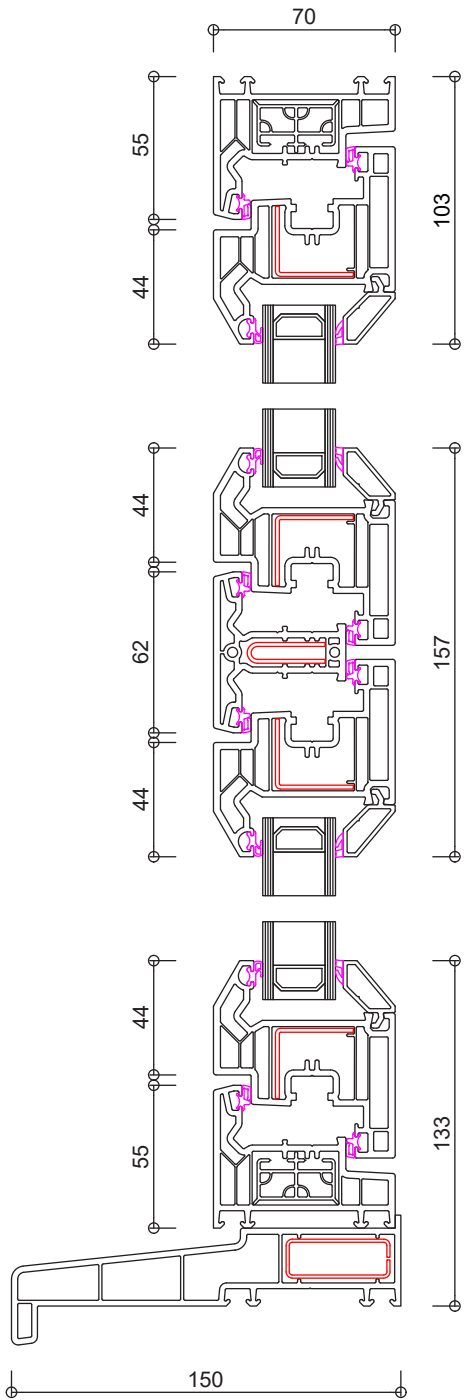
Available in a large assortment of colours and woodgrain options from the Variations range

Test Results

Window type: Top hung	
Max sash sizes (wxh)	1200mm x 2100mm
Air permeability	Class 4
Water tightness	Class 9A
Resistance to wind	A5
Exposure category	2000+



Technical Drawing



Features and Benefits

- Improved ventilation**
Bringing together the demand for flush with the dual functionality of tilt & turn for improved ventilation.
- Rider block mechanism**
Helping maintain the integrity of profile during fabrication and installation.
- Effortless installation**
Designed for quick installation with a flawless finish.
- Aluminium aesthetic**
When foiled in Feinstruktur, OMNIA double flush windows combine the benefits of PVCu with the look of Aluminium.

Maximum sash sizes
Tilt & Turn: 1200mm (w) x 2100mm (h)

Outer frames
55mm and 67mm outer frames

Mullions
62mm and 84mm mullions

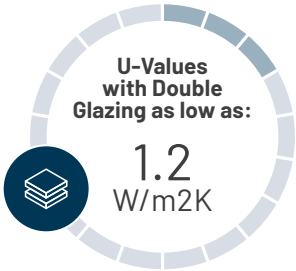
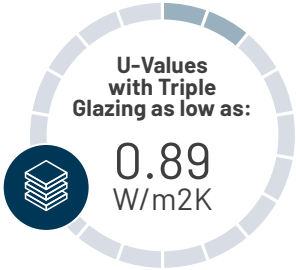
Sash
76mm sash

- Glazing beads**
- 10mm bevelled
 - 28mm bevelled
 - 28mm sculptured
 - 28mm putty
 - 28mm rebated
 - 36mm bevelled
 - 40mm bevelled
 - 44mm bevelled

Ancillaries
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

Residential & French Doors

OMNIA doors offer the perfect balance of style, security, and performance—built on a robust double flush, double rebated platform.

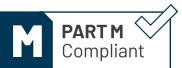
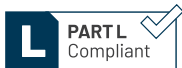


Available in a large assortment of colours and woodgrain options from the Variations range

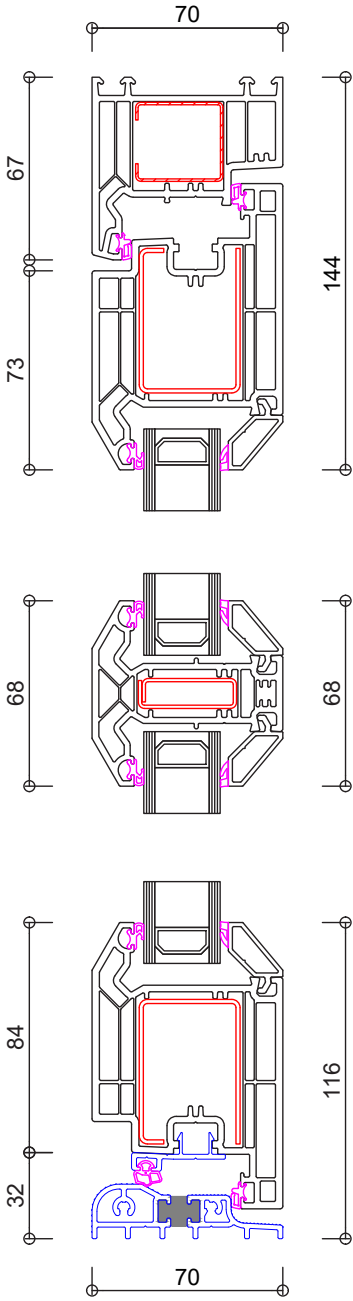
Test Results

Door type: Single leaf	
Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 2
Water tightness	Class 7A
Resistance to wind	1200
Exposure category	1200

Door type: Double Leaf	
Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 2A
Water tightness	Class 4A
Resistance to wind	1200
Exposure category	1200



Technical Drawing



Features and Benefits



Double flush doors
OMNIA doors complete the full suite of double flush options.



Shadow lines
Co-extruded PCE gasket creates shadow line for ease and speed in fabrication.



Secure smooth-glide operation
Created for effortless and secure door movement.



Aluminium style
Create the aluminium door look with Feinstruktur in 8 on-trend colours.

Maximum sash sizes	
Residential: 1122mm (w) x 2122mm (h)	
French Door: 1122mm (w) x 2122mm (h)	
Outer frames	
55mm, 67mm outer frames	
Mullions	Midrail
N/A	115mm midrail
Sash	
105mm door sash	
Glazing beads	
• 28mm putty bead	• 32mm bevelled
• 28mm sculptured	• 36mm bevelled
• 28mm bevelled	• 40mm bevelled
• 32mm sculptured	• 44mm bevelled
Ancillaries	
Frame extensions, cills and weathering trims	
Range of coupling options	
Range of bay pole options	

Casement windows

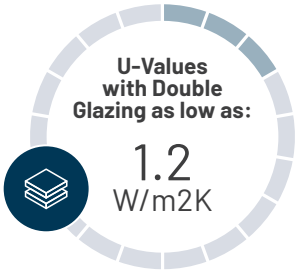
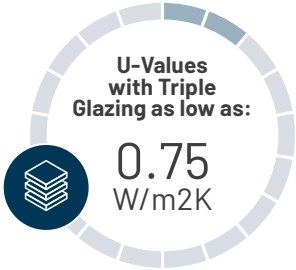
Unlimited options for ultimate flexibility.

VEKA Casement Windows offer unlimited options for personalisation with different glazing, sash and opening style choices for maximum flexibility. Available in a choice of 70mm bevelled or sculptured profile systems.



Casement Window

The M70 casement window offers a contemporary look with slimmer sightlines and leading thermal performance.



Test Results

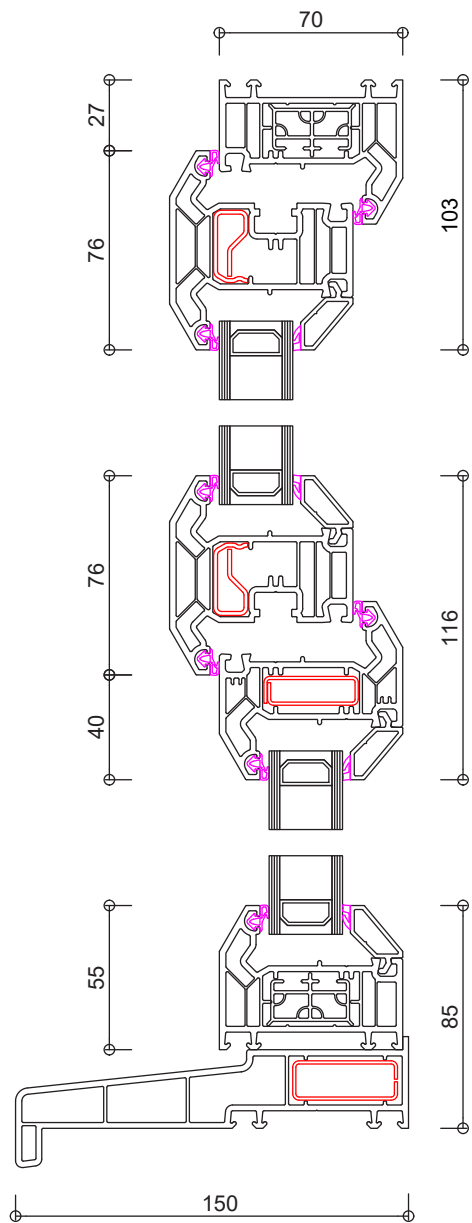
Window type: Top hung reinforced	
Max sash sizes (wxh)	1400mm x 1400mm
Air permeability	Class 4
Water tightness	Class 8A
Resistance to wind	AE2400 Pa
Exposure category	2000+

Window type: Fixed light reinforced	
Max sash sizes (wxh)	3000mm x 3000mm
Air permeability	Class 4
Water tightness	Class E1050
Resistance to wind	AE2400 Pa
Exposure category	2000+

Window type: Side hung reinforced	
Max sash sizes (wxh)	800mm x 1550mm
Air permeability	Class 2
Water tightness	Class 7A
Resistance to wind	A4
Exposure category	1600



Technical Drawing



Features and Benefits

- Clean, modern aesthetic**
The M70 bevelled design gives a crisp, angular look that suits contemporary architecture and new-build homes.
- Slim sightlines**
Designed with a narrow frame profile, M70 allows more natural light into the room while maximising the glazed area.
- High energy efficiency**
With multi-chambered profiles and the option to incorporate triple glazing, M70 helps achieve excellent thermal insulation values.
- Low maintenance PVCu**
The durable PVCu construction resists warping, rotting, and fading, requiring minimal upkeep over time.

Maximum sash sizes	
Top hung:	1400mm (w) x 1400mm (h)
Side hung:	800mm (w) x 1550mm (h)
Fixed light:	3000mm (w) x 3000mm (h)

Outer frames	
55mm, 67mm and 80mm outer frames	

Mullions	
68mm or 82mm mullions	

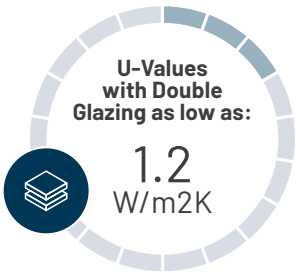
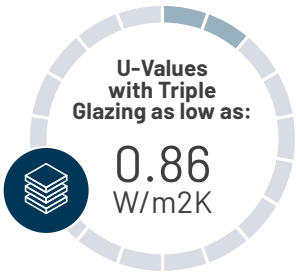
Sash	
76mm casement sash	

Glazing beads	
• 28mm bevelled	• 40mm bevelled
• 28mm sculptured	• 44mm bevelled
• 36mm bevelled	

Ancillaries	
Frame extensions, cills and weathering trims	
Range of coupling options	
Range of bay pole options	

Casement Window

The Matrix Fully Sculptured Casement Window delivers the traditional look and feel of quality timber, with proven performance of PVCu.



Test Results

Window type: Top hung reinforced	
Max sash sizes (wxh)	1400mm x 1400mm
Air permeability	Class 3
Water tightness	Class E1050
Resistance to wind	AE2400 Pa
Exposure category	2000+

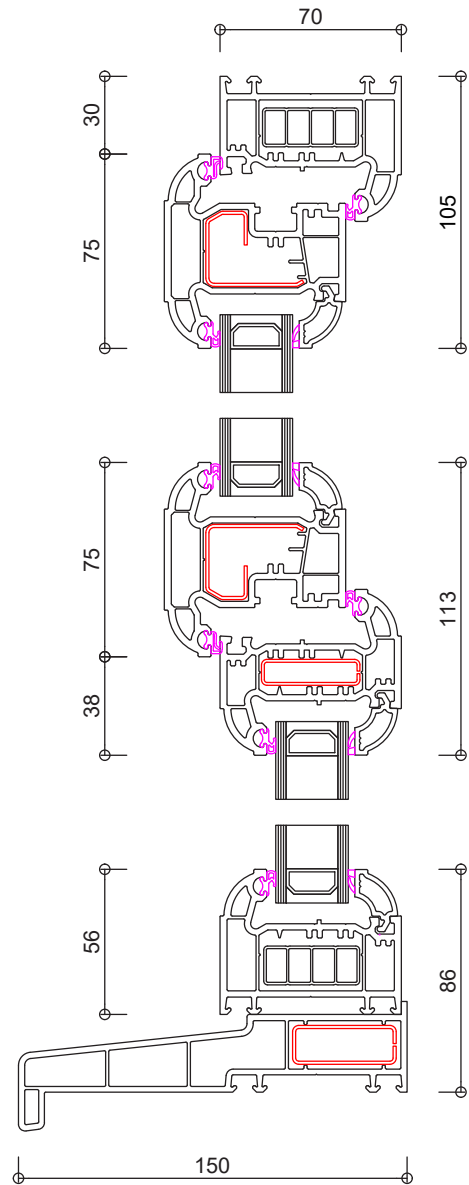
Window type: Side hung reinforced	
Max sash sizes (wxh)	700mm x 1300mm
Air permeability	Class 2
Water tightness	Class 7A
Resistance to wind	AE2400 Pa
Exposure category	2000+

Window type: Side hung reinforced	
Max sash sizes (wxh)	800mm x 1550mm
Air permeability	Class 4
Water tightness	Class 6A
Resistance to wind	A3
Exposure category	1200

Window type: Fixed light reinforced	
Max sash sizes (wxh)	3000mm x 3000mm
Air permeability	Class 4
Water tightness	Class E1050
Resistance to wind	AE2400 Pa
Exposure category	2000+



Technical Drawing



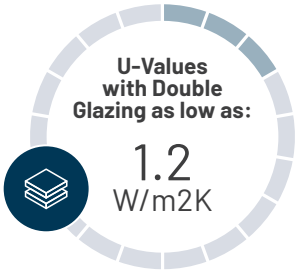
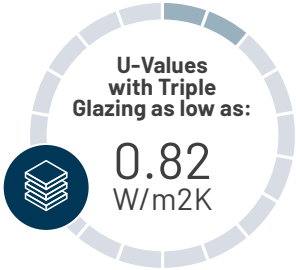
Features and Benefits

- Elegant sculptured profile**
With a curved design, this delivers a high-end, aesthetic ideal for both traditional and modern homes.
- Outstanding thermal performance**
Multi-chambered profiles help achieve excellent U-values and energy efficiency, especially when paired with high-performance glazing.
- Wide range of finishes**
Available in an extensive palette of colours and woodgrain foils, enabling greater design freedom to match interior and exterior styles.
- Excellent weather performance**
Protecting the home from the elements, and fitting all building requirements.

- Maximum sash sizes**
Top hung: 1400mm (w) x 1400mm (h)
Side hung: 800mm (w) x 1550mm (h)
Fixed light: 3000mm (w) x 3000mm (h)
- Outer frames**
56mm, 70mm and 85mm outer frames
- Mullions**
64mm or 86mm mullions
- Sash**
75mm casement sash
- Glazing beads**
 - 24mm sculptured
 - 28mm sculptured
 - 32mm sculptured
 - 36mm sculptured
 - 40mm bevelled
- Ancillaries**
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

Casement Window

The Halo Rustique Casement Window combines the authenticity of a traditional sculptured window, with modern performance.



Test Results

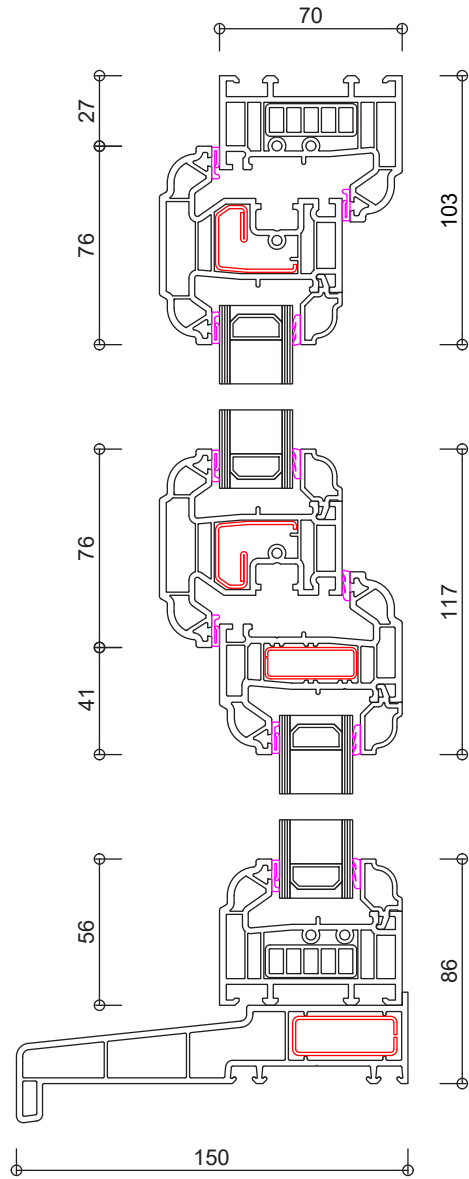
Window type: Top hung reinforced	
Max sash sizes (wxh)	1400mm x 1400mm
Air permeability	Class 3
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200

Window type: Side hung reinforced	
Max sash sizes (wxh)	800mm x 1550mm
Air permeability	Class 4
Water tightness	Class 8A
Resistance to wind	A4
Exposure category	1600

Window type: Fixed light part reinforced	
Max sash sizes (wxh)	3000mm x 3000mm
Air permeability	Class 4
Water tightness	Class E750
Resistance to wind	A4
Exposure category	1600



Technical Drawing



Features and Benefits

- Traditional sculptured finish**
A fully sculptured profile that offers a softer, more decorative appearance, ideal for period homes or traditional aesthetics.
- Excellent acoustic insulation**
The multi-chambered profile offers strong soundproofing benefits, perfect for properties in noisy areas.
- Versatile design options**
Available in a wide range of colours, foils, and glazing options, for greater design flexibility and customisation.
- Enhanced security**
Compatible with high-security locking systems and accredited by PAS 24, helping meet modern security standards.

Maximum sash sizes	
Top hung:	1400mm (w) x 1400mm (h)
Side hung:	800mm (w) x 1550mm (h)
Fixed light:	3000mm (w) x 3000mm (h)

Outer frames	
56mm, 72mm and 84mm outer frames	

Mullions	
70mm or 95mm mullions	

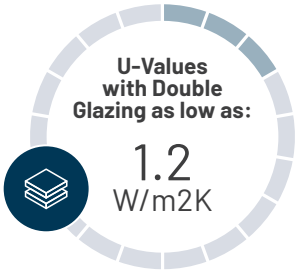
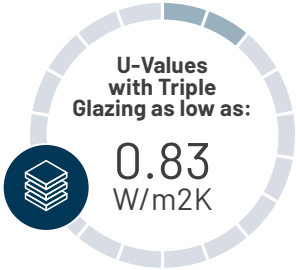
Sash	
75mm casement sash	

Glazing beads	
• 24mm sculptured	• 36mm bevelled
• 28mm sculptured	• 40mm bevelled
• 32mm sculptured	

Ancillaries	
Frame extensions, thermal inserts, cills and weathering trims	
Range of coupling options	
Range of bay pole options	

Casement Window

The System 10 Casement Window offers a clean, contemporary appearance with a modern bevelled design.



Test Results

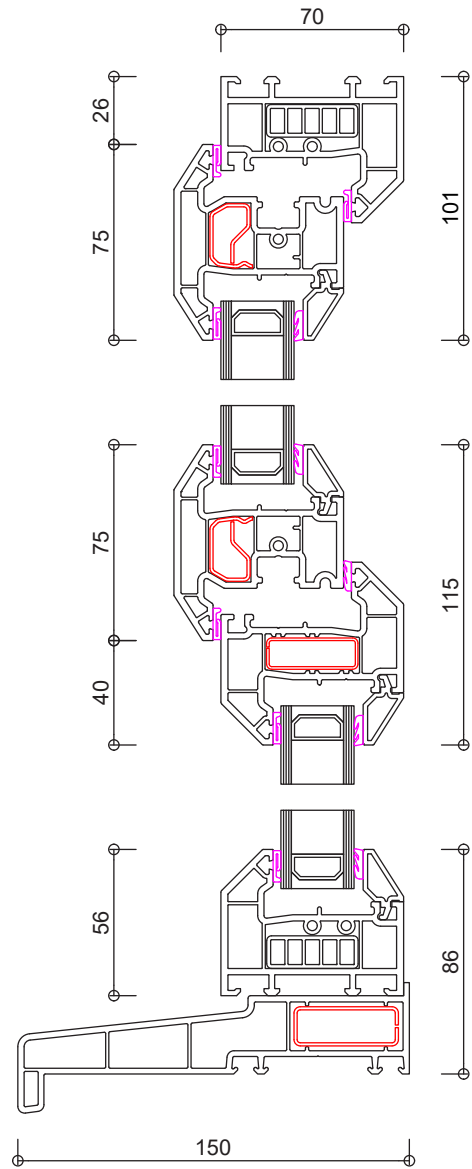
Window type: Top hung reinforced	
Max sash sizes (wxh)	1400mm x 1400mm
Air permeability	Class 3
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200

Window type: Side hung reinforced	
Max sash sizes (wxh)	800mm x 1550mm
Air permeability	Class 4
Water tightness	Class 8A
Resistance to wind	A4
Exposure category	1600

Window type: Fixed light part reinforced	
Max sash sizes (wxh)	3000mm x 3000mm
Air permeability	Class 4
Water tightness	Class E750
Resistance to wind	A4
Exposure category	1600



Technical Drawing



Features and Benefits

- Clean, bevelled design**
Featuring a simple bevelled edge for a crisp, understated look—well-suited to both new-build and replacement markets.
- Ease of fabrication & installation**
Compatible with a range of ancillaries and reinforcement options for efficient production and fitting.
- Robust performance**
Built to meet high standards of strength, weather resistance, and security.
- Flexible configuration**
Can be integrated with Halo Rustique allowing for more customised designs.

Maximum sash sizes
Top hung: 1400mm (w) x 1400mm (h)
Side hung: 800mm (w) x 1550mm (h)
Fixed light: 3000mm (w) x 3000mm (h)

Outer frames
56mm, 72mm and 84mm outer frames

Mullions
70mm or 95mm mullions

Sash
75mm casement sash

Glazing beads	
• 24mm sculptured	• 32mm sculptured
• 24mm bevelled	• 32mm bevelled
• 28mm sculptured	• 36mm bevelled
• 28mm bevelled	• 40mm bevelled

Ancillaries
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

FlushSash windows

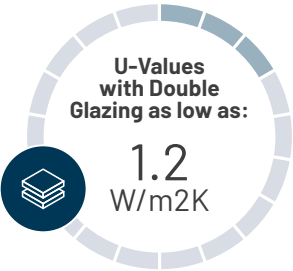
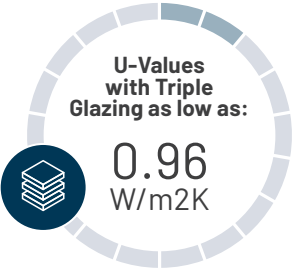
FlushSash, the perfect PVCu solution for homeowners who wish to retain their home's beautiful period styling combined with the benefits of cutting-edge, modern hardware and materials.

FlushSash windows mimic the look of traditional timber frames, offering classic, understated style. Thanks to their authentic aesthetics, they have even been specified in controlled conservation areas. FlushSash can be tailored to virtually any home, whether it be heritage and elegant or cool and contemporary; a range of colour and woodgrain options, and a suite of specially selected hardware allows you to truly personalise your windows to your style.



FlushSash Casement Window

The Halo Rustique FlushSash Casement Window delivers a traditional look with modern performance.



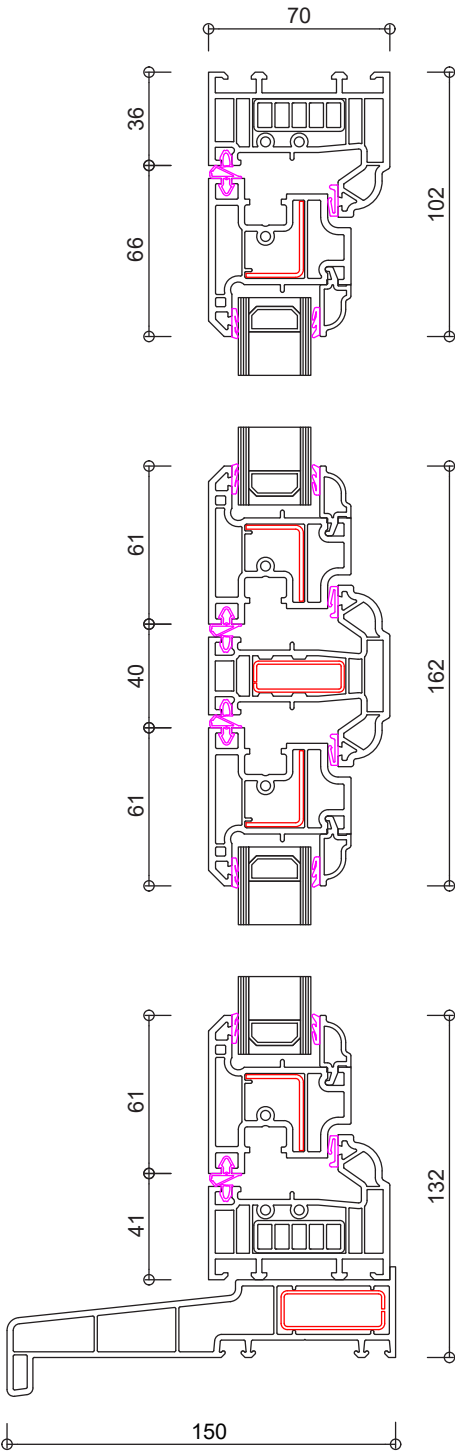
Test Results

Window type: Side hung reinforced	
Max sash sizes (wxh)	620mm x 1270mm
Air permeability	Class 4
Water tightness	Class 9A
Resistance to wind	A4
Exposure category	1600

Window type: Top hung	
Max sash sizes (wxh)	1380mm x 1380mm
Air permeability	Class 3
Water tightness	Class 7A
Resistance to wind	BE2400
Exposure category	2400



Technical Drawing



Features and Benefits



Decorative sculptured frame
Combines flush sash styling with a traditional ovolo outer frame—ideal for adding charm and character.



Authentic heritage appeal
Perfect for homeowners looking to replicate period window styles with modern materials.



Thermal & acoustic performance
Multi-chamber design supports excellent energy savings and sound insulation.



Wide range of finishes
Available in a selection of classic colours and woodgrain foils to complement older or character properties.

Maximum sash sizes
Side hung: 620mm (w) x 1270mm (h)
Top hung: 1380mm (w) x 1380mm (h)

Outer frames
56mm, 72mm and 84mm outer frames

Mullions
70mm or 95mm mullions

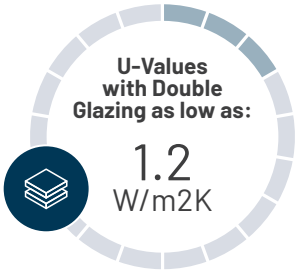
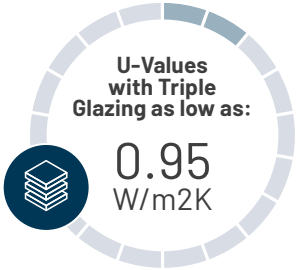
Sash
61mm FlushSash

Glazing beads
• 28mm sculptured
• 32mm sculptured

Ancillaries
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

FlushSash Casement Window

The System 10 FlushSash Casement Window brings the traditional look of timber with the benefits of PVCu.



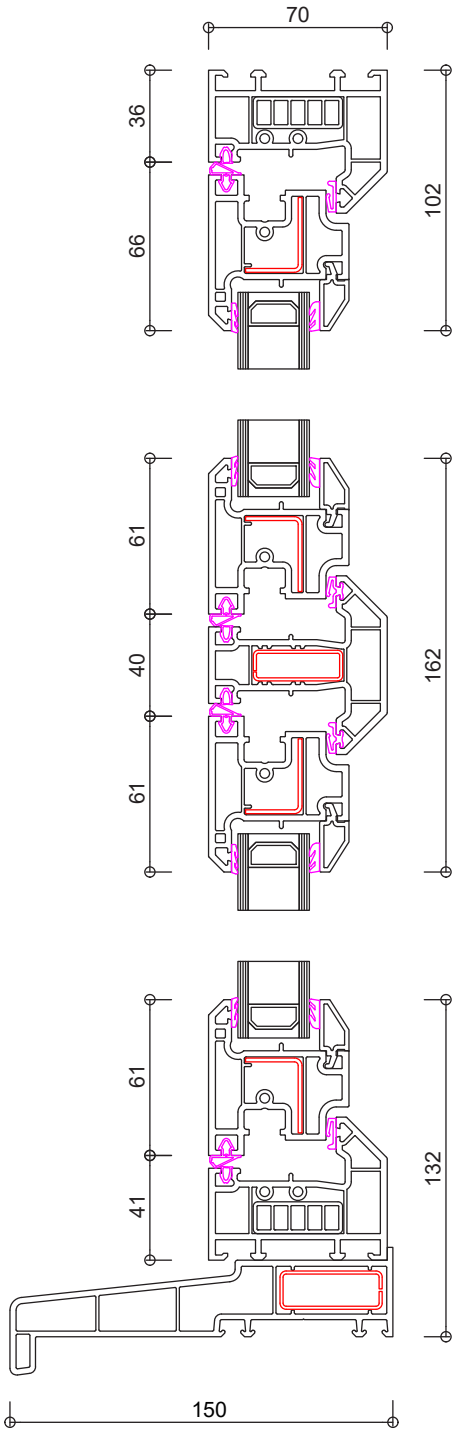
Test Results

Window type: Side hung reinforced	
Max sash sizes (wxh)	620mm x 1270mm
Air permeability	Class 4
Water tightness	Class 9A
Resistance to wind	A4
Exposure category	1600
Window type: Side hung	
Max sash sizes (wxh)	846mm x 1746mm
Air permeability	Class 3
Water tightness	Class 7A
Resistance to wind	BE2400
Exposure category	2400

Window type: Top hung	
Max sash sizes (wxh)	1380mm x 1380mm
Air permeability	Class 3
Water tightness	Class 7A
Resistance to wind	BE2400
Exposure category	2400



Technical Drawing



Features and Benefits

- Crisp, bevelled appearance**
Clean bevelled edges create a modern flush look, ideal for contemporary residential designs.
- Minimalist flush finish**
The sash sits level with the frame for a simple, symmetrical appearance from the outside.
- Energy-efficient core**
Engineered for strong thermal performance using multi-chambered profiles and high-spec glazing.
- Flexible & practical design**
Compatible with a wide range of VEKA ancillaries and easy to fabricate and install.

Maximum sash sizes
Side hung: 620mm (w) x 1270mm (h) / 846mm (w) x 1746mm (h)
Top hung: 1380mm (w) x 1380 (h)

Outer frames
56mm, 72mm and 84mm outer frames

Mullions
70mm mullion

Sash
61mm FlushSash

Glazing beads

- 28mm sculptured
- 28mm bevelled

Ancillaries
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

Tilt & Turn windows

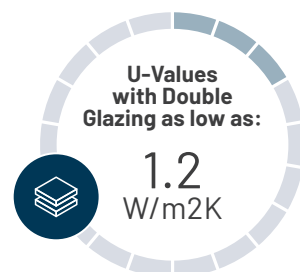
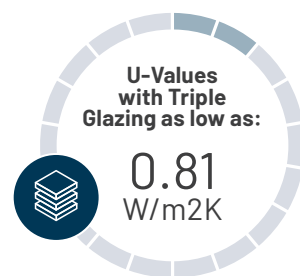
Breathing
versatility and
security into
your home.

Achieve the ultimate calming, comfortable atmosphere in your home with tilt & turn windows. Tilt & turn windows provide the ideal solution for homes where window safety and window access may be an issue. Its four locking points deliver outstanding security, coupled with pleasingly clean lines for easy upkeep and exceptional style.



Tilt & Turn Window

The M70 Tilt & Turn window offers a contemporary look with slimmer sightlines and leading thermal performance.



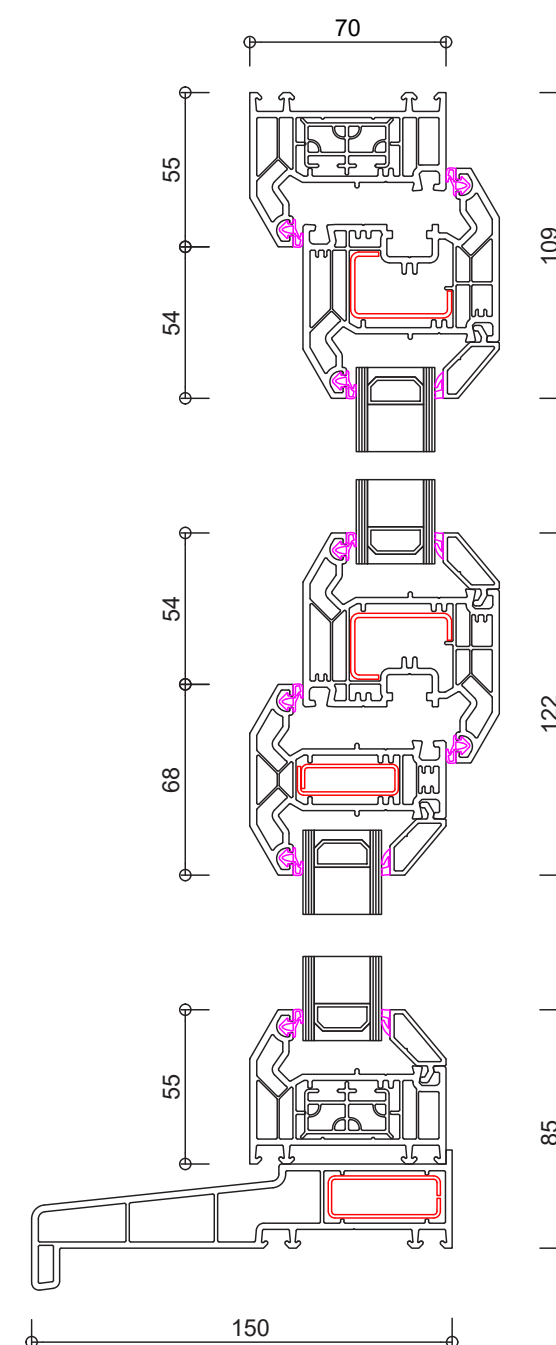
Test Results

Window type: Tilt & Turn

Max sash sizes (wxh)	1600mm x 1600mm
Air permeability	Class 3
Water tightness	Class 9A
Resistance to wind	AE2400
Exposure category	2000+



Technical Drawing



Features and Benefits



Modern bevelled design

Crisp, clean sightlines create a contemporary look ideal for new-builds and minimalist styles.



Dual-action opening

Offers safe, secure ventilation with the tilt function and full inward opening for easy cleaning and access.



Slimmer sightlines, more light

Narrow profiles maximise glass area, improving natural light and outside views.



Energy efficient performance

Multi-chambered design supports excellent thermal insulation, helping to lower energy bills.

Maximum sash sizes

Tilt & Turn: 1600mm (w) x 1600mm (h)

Outer frames

55mm, 67mm and 80mm outer frames

Mullions

68mm or 82mm mullions

Midrail

115mm

Sash

82mm tilt & turn sash

Glazing beads

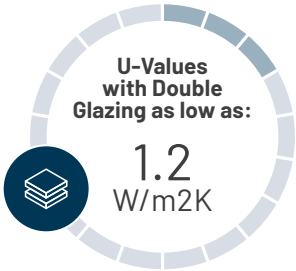
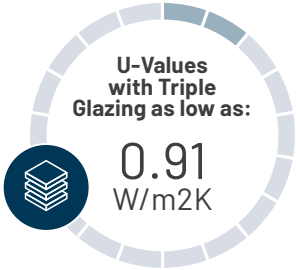
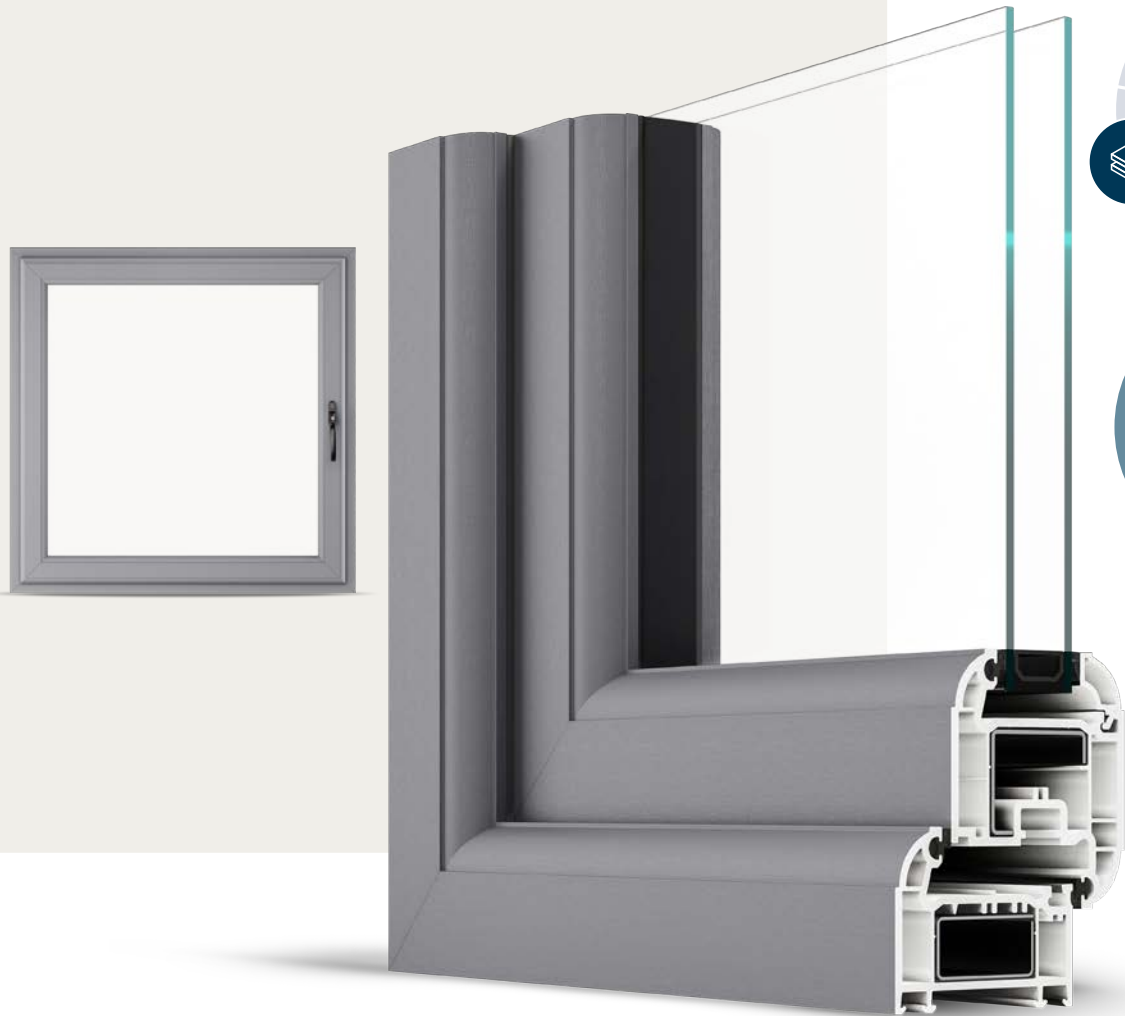
- 28mm bevelled
- 28mm sculptured
- 36mm bevelled
- 40mm bevelled
- 44mm bevelled

Ancillaries

Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

Tilt & Turn Window

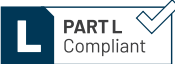
The Matrix Fully Sculptured Tilt & Turn Window delivers the traditional look and feel of quality timber, with proven performance of PVCu.



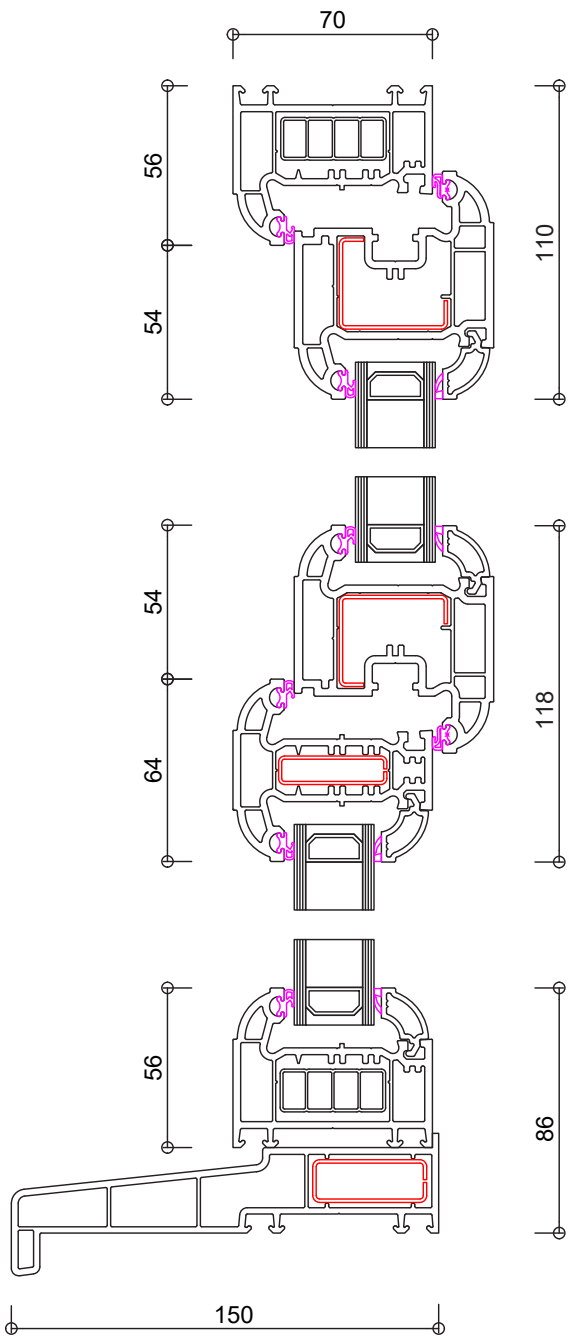
Available in a large assortment of colours and woodgrain options from the Variations range

Test Results

Window type: Tilt & Turn	
Max sash sizes (wxh)	1600mm x 1600mm
Air permeability	Class 3
Water tightness	Class 8A
Resistance to wind	AE2400
Exposure category	2000+



Technical Drawing



Features and Benefits

- 

Elegant sculptured profile
The sculptured design adds a soft, decorative touch—ideal for both classic and premium contemporary settings.
- 

Versatile dual-opening
Tilt for secure ventilation or turn fully inwards for easy cleaning.
- 

Strong thermal efficiency
Multi-chambered profiles deliver excellent insulation and help reduce energy cost
- 

Extensive colour options
Available in a wide choice of foils and finishes to complement any project.

Maximum sash sizes
Tilt & Turn: 1600mm (w) x 1600mm (h)

Outer frames
55mm, 70mm and 85mm outer frames

Mullions
64mm or 86mm mullions

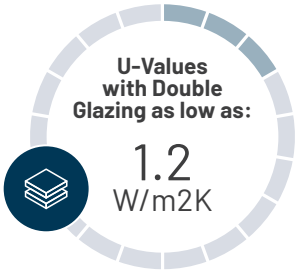
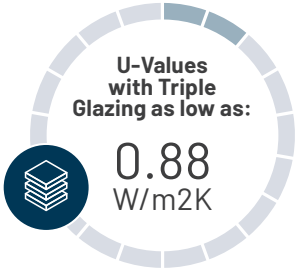
Sash
80mm tilt & turn sash

- Glazing beads**
- 24mm sculptured
 - 28mm sculptured
 - 32mm sculptured
 - 36mm sculptured
 - 40mm bevelled

Ancillaries
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

Tilt & Turn Window

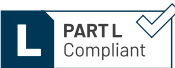
The Halo Rustique Tilt & Turn Window combines the authenticity of a traditional sculptured window, with modern performance.



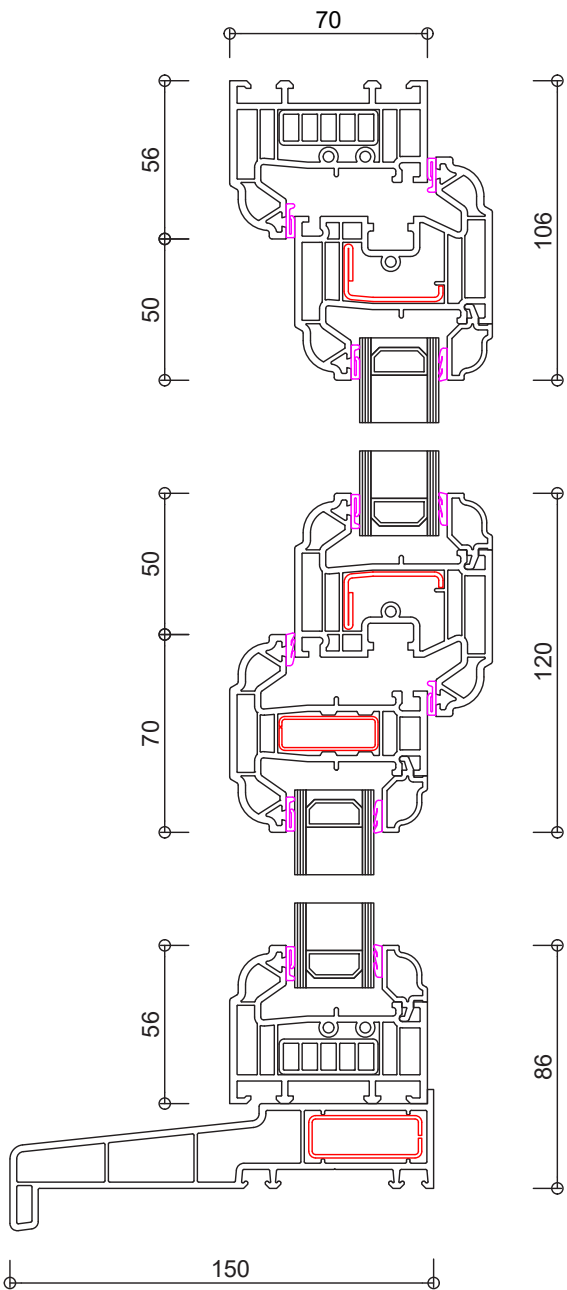
Available in a large assortment of colours and woodgrain options from the Variations range

Test Results

Window type: Tilt & Turn	
Max sash sizes (wxh)	1414mm x 1414mm
Air permeability	Class 4
Water tightness	Class E1050
Resistance to wind	A4
Exposure category	1600



Technical Drawing



Features and Benefits



Traditional sculptured profile
Sculptured detailing gives a softer, more classic appearance—perfect for heritage and character properties.



Safe & practical functionality
Combines inward-turning access with tilt ventilation, ideal for upper floors or high-rise applications.



Strong thermal & acoustic insulation
Delivers effective energy efficiency and helps reduce outside noise.



Versatile aesthetic options
Wide range of colours, woodgrain foils, and glazing choices to suit both traditional and bespoke designs.

Maximum sash sizes
Tilt & Turn: 1414mm (w) x 1414mm (h)

Outer frames
56mm, 72mm and 84mm outer frames

Mullions
70mm or 95mm mullions

Sash
79mm tilt & turn sash

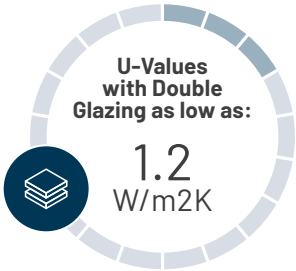
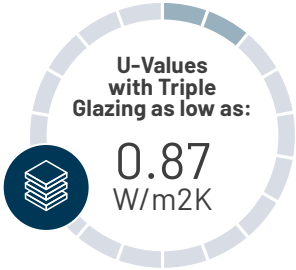
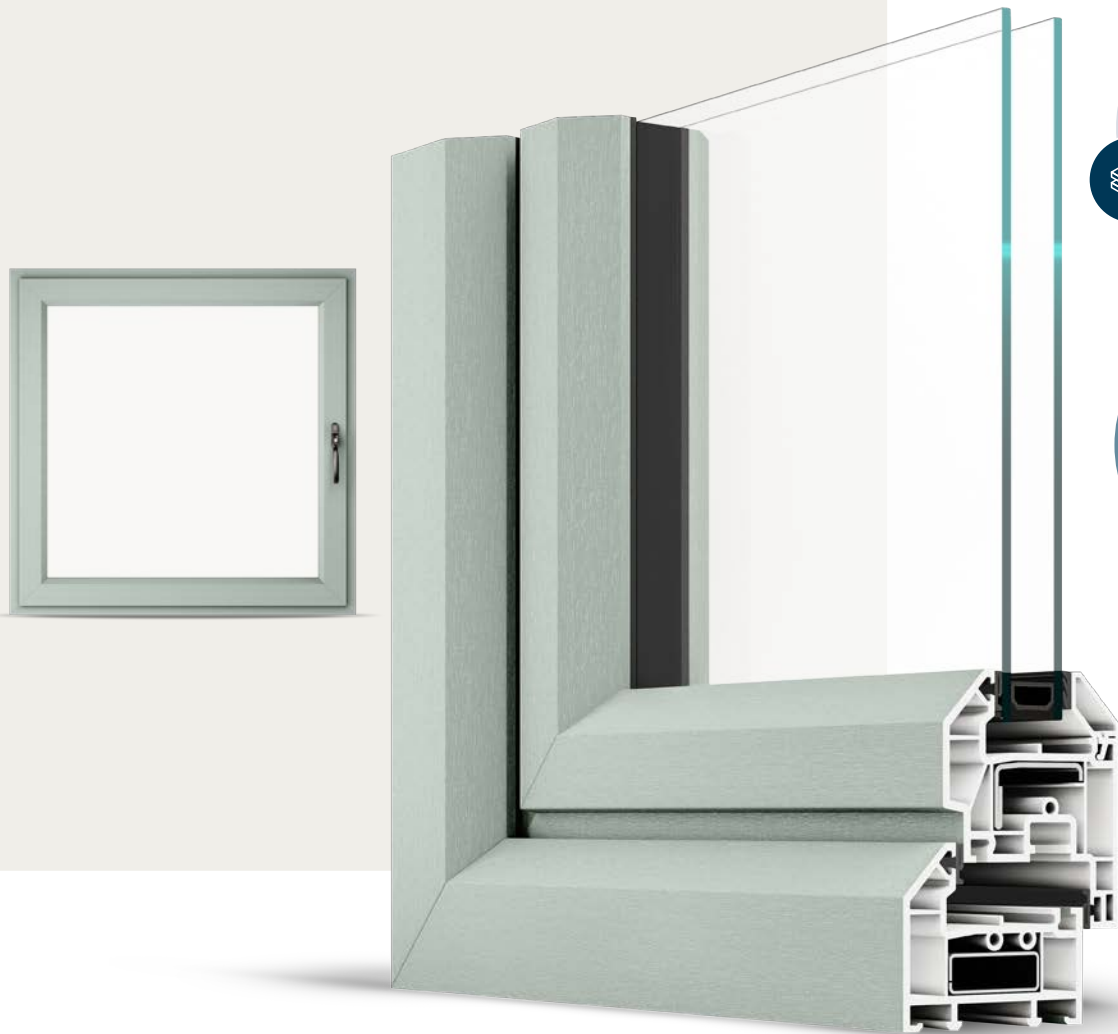
Glazing beads

• 24mm sculptured	• 36mm bevelled
• 28mm sculptured	• 40mm bevelled
• 32mm sculptured	

Ancillaries
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

Tilt & Turn Window

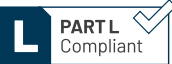
The System 10 Tilt & Turn Window offers a clean, contemporary appearance with a modern bevelled design.



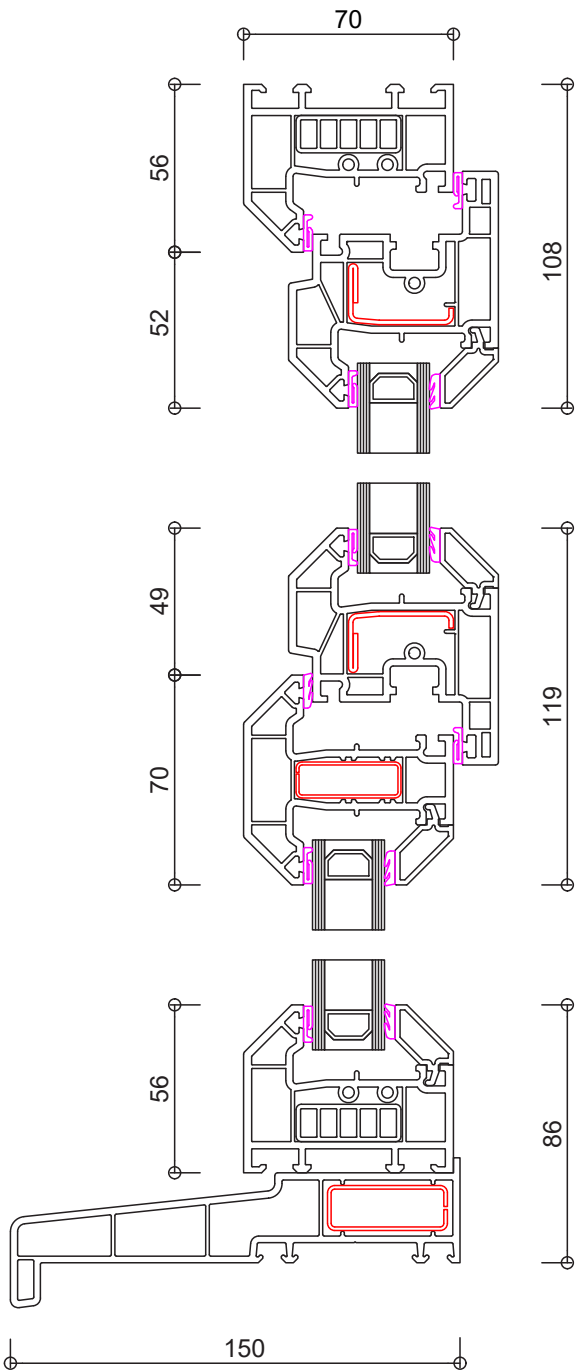
Available in a large assortment of colours and woodgrain options from the Variations range

Test Results

Window type: Tilt & Turn	
Max sash sizes (wxh)	1414mm x 1414mm
Air permeability	Class 4
Water tightness	Class E1050
Resistance to wind	A4
Exposure category	1600



Technical Drawing



Features and Benefits



Modern bevelled appearance
Clean, bevelled lines offer a sharp, contemporary look that suits modern builds.



Smart ventilation & access
Tilt-in function allows airflow without compromising security; full turn makes maintenance simple.



Robust & secure design
Engineered for strength and weather resistance, with PAS 24 compliance.



Flexible & installer-friendly
Designed for ease of manufacturing and installation, with compatibility with Rustique.

Maximum sash sizes
Tilt & Turn: 1414mm (w) x 1414mm (h)

Outer frames
56mm, 72mm and 84mm outer frames

Mullions
70mm or 95mm mullions

Sash
79mm tilt & turn sash

Glazing beads

• 24mm sculptured	• 32mm sculptured
• 24mm bevelled	• 32mm bevelled
• 28mm sculptured	• 36mm bevelled
• 28mm bevelled	• 40mm bevelled

Ancillaries
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

Fully reversible windows

180 degrees of clarity.

Open up new levels of visibility, cleanliness, and style with fully reversible windows. The perfect choice for apartments or flats from the ground floor up.

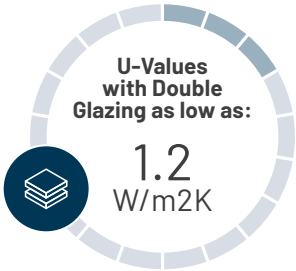
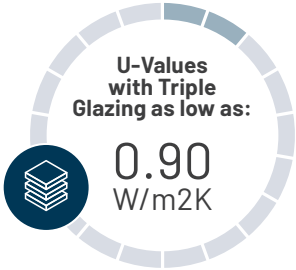
This style is a sleek alternative to sliding or tilting windows. You'll encounter satisfying access to both sides of the window through a fully rotating panel designed to facilitate effortless cleaning and ease of use.

Enjoy the full advantage of your reversible windows as they shield you from external noise and fill your home with fresh air and sunlight.



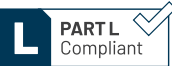
Fully Reversible Window

The VEKA Fully Reversible window is ideal for multi-story properties, for safe, easy, and secure cleaning of external glass from the inside.

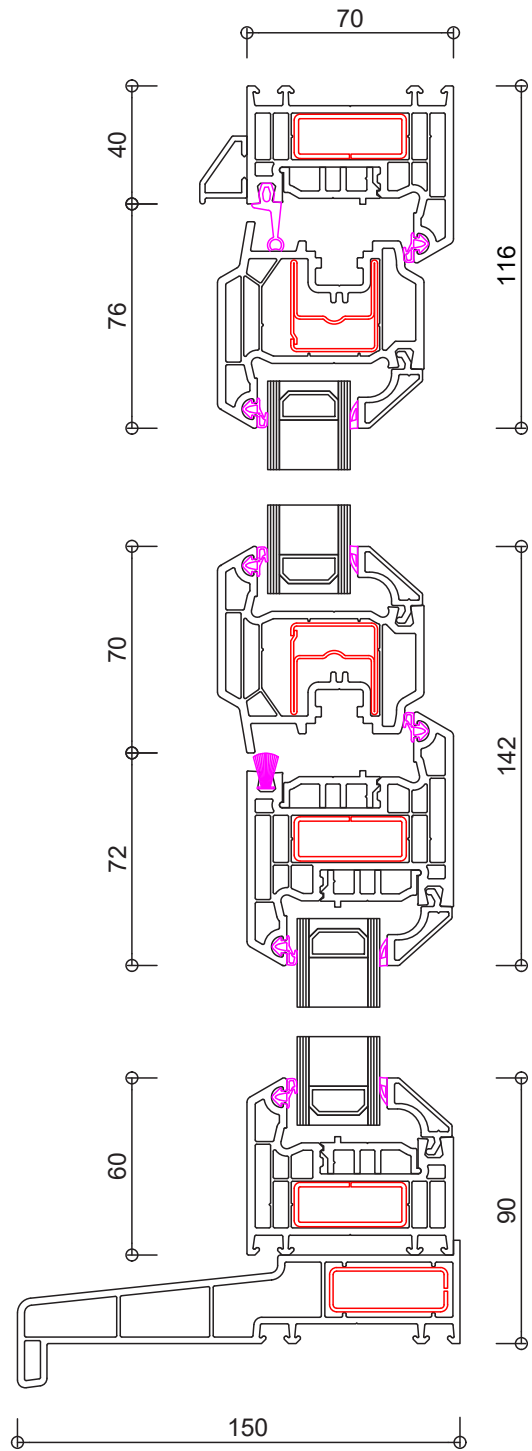


Test Results

Window type: Top hung	
Max sash sizes (wxh)	1308mm x 1308mm
Air permeability	Class 2
Water tightness	Class E1050
Resistance to wind	AE2400
Exposure category	2000+



Technical Drawing



Features and Benefits



Full rotation for easy cleaning
The sash rotates 180° externally, allowing safe cleaning of the outer pane from inside—ideal for high-rise or hard-to-access locations.



Slim, modern profile
Clean sightlines and a contemporary bevelled design make it visually suited for both residential and commercial projects.



Strong weather performance
Engineered for enhanced wind and water resistance, supporting compliance in exposed or high-rise environments.



Secure & practical ventilation
Features secure intermediate ventilation positions without compromising safety or performance.

Maximum sash sizes
Fully Reversible: 1400mm (w) x 1400mm (h)

Outer frames
60mm outer frame

Mullions
76mm T mullion
86mm T & Z mullions

Sash
70mm reversible sash

Glazing beads

• 28mm bevelled	• 40mm bevelled
• 28mm sculptured	• 40mm sculptured
• 36mm bevelled	• 44mm bevelled
• 36mm sculptured	

Ancillaries
Frame extensions, cills and weathering trims
Range of coupling options
Range of bay pole options

Vertical sliders

Vertical Sliders are amongst the most coveted window styles, not only due to their aesthetics, but also due to their historical association with style and wealth.

They are of course the default choice for heritage buildings, addressing the need to replace draughty hard to maintain windows with those that bear a close resemblance, but can withstand the demands of modern living.



Vertical Slider

The Imagine Vertical Slider carries the beauty of a classic design combined with performance.

U-Values with Double Glazing as low as:

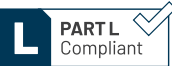
1.2 W/m2K

Available in a large assortment of colours and woodgrain options from the Variations range

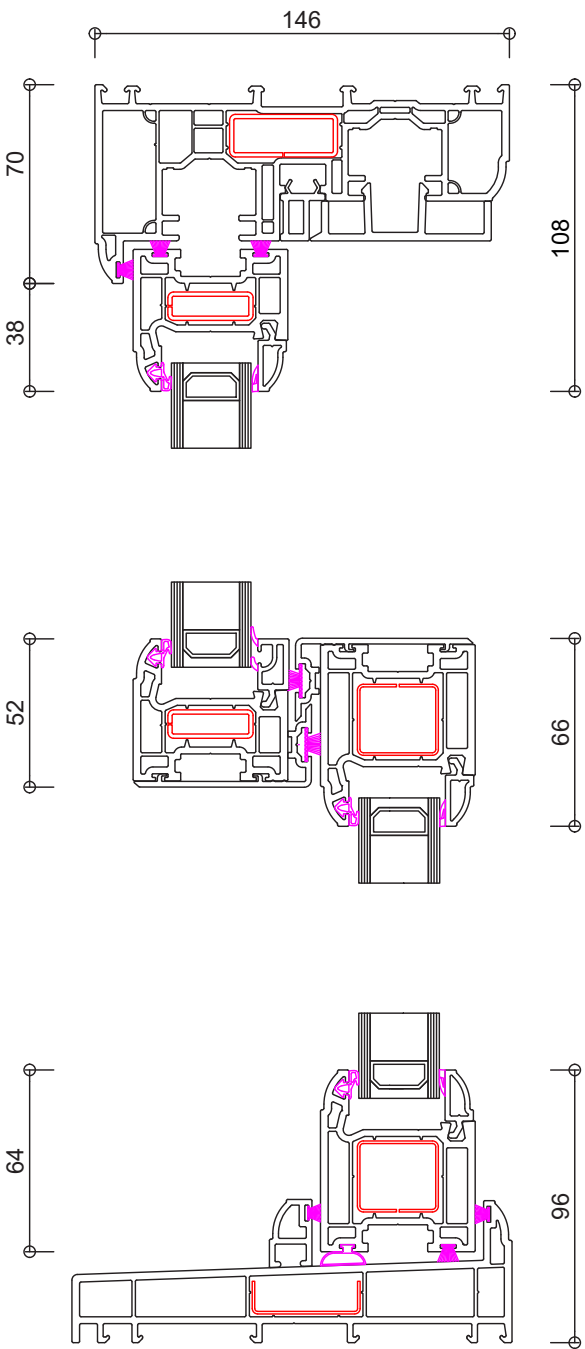


Test Results

Window type: Vertical Slider	
Max sash sizes (wxh)	1400mm x 2450mm
Air permeability	Class 4
Water tightness	Class 7A
Resistance to wind	BE2400
Exposure category	2400



Technical Drawing



Features and Benefits

- Authentic timber-look styling**
Designed to replicate traditional sash windows with run-through horns, deep bottom rails, and sculptured detailing—ideal for heritage or conservation settings.
- Modern performance, classic design**
Delivers the look of timber with the benefits of PVCu—low maintenance, high durability, and improved thermal efficiency.
- Smooth slide & tilt operation**
Both sashes slide vertically and tilt inwards for easy cleaning and ventilation – ideal for upper floors.
- Flexible design options**
Available in a wide range of heritage colours and woodgrain foils, with options like Georgian bars or sash horns for a bespoke finish.

Maximum sash sizes
Vertical slider: 1400mm (w) x 2450mm (h)

Outer frames
146mm outer frame

Sash
50mm upper sash
64mm lower sash
105mm lower sash bottom rail

Glazing beads

- 28mm sculptured
- 28mm square

Ancillaries
Frame extensions, cills and weathering trims
Coupling option
Bay pole option

Residential & French doors

Where beauty meets function.

A stylish way to access your home and create the feeling of more space, Residential and French doors are an elegant threshold between your interior space and the great outdoors.

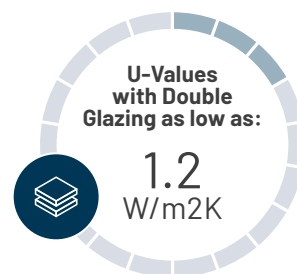
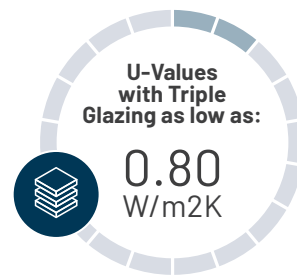
Framing your outside space while protecting your home from the elements, the doors come in a range of colours and woodgrain finishes to exquisitely complement the style and type of home you inhabit.

And with the possibility of combining your French doors with sidelights and windows, this choice is equal parts functional and beautiful.



Residential & French Doors

M70 Residential and French Doors offer a stunning and functional product for any type of building.



Available in a large assortment of colours and woodgrain options from the Variations range

Test Results

Door type: Single leaf

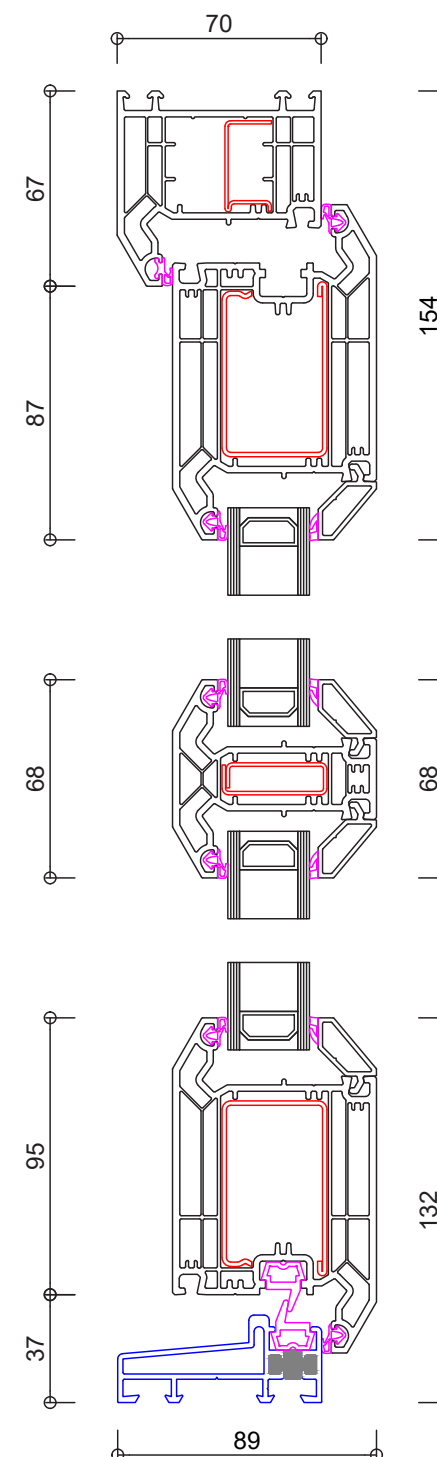
Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 4
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200

Door type: Double leaf

Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 3
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200



Technical Drawing



Features and Benefits



Modern bevelled styling

Clean, angular profiles deliver a contemporary aesthetic ideal for modern homes and extensions.



Slim sightlines

Narrow profiles maximise glazing area and natural light while maintaining strength and security.



Strong thermal performance

Multi-chambered design helps achieve low U-values and meet building regulations.



Versatile configurations

Available as single or double (French) doors, with inward or outward opening options and a wide choice of finishes.

Maximum sash sizes

Residential: 1122mm (w) x 2122mm (h)

French Door: 1122mm (w) x 2122mm (h)

Outer frames

55mm, 67mm and 80mm outer frames

Mullions

68mm, 76mm & 82mm T & Z mullions

Midrail

115mm midrail

Sash

115mm door sash

Glazing beads

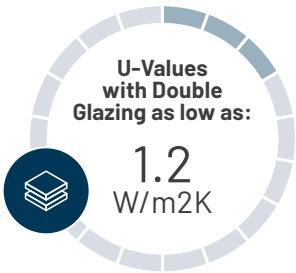
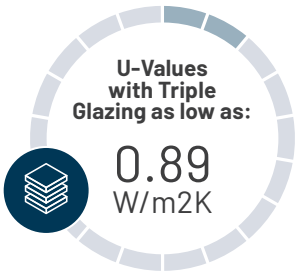
- 28mm bevelled
- 28mm sculptured
- 36mm bevelled
- 40mm bevelled
- 44mm bevelled

Ancillaries

- Frame extensions, cills and weathering trims
- Range of coupling options
- Range of bay pole options

Residential & French Doors

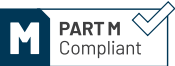
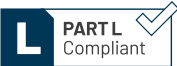
The Matrix Fully Sculptured Residential and French Doors deliver a traditional look and feel, with proven performance of PVCu.



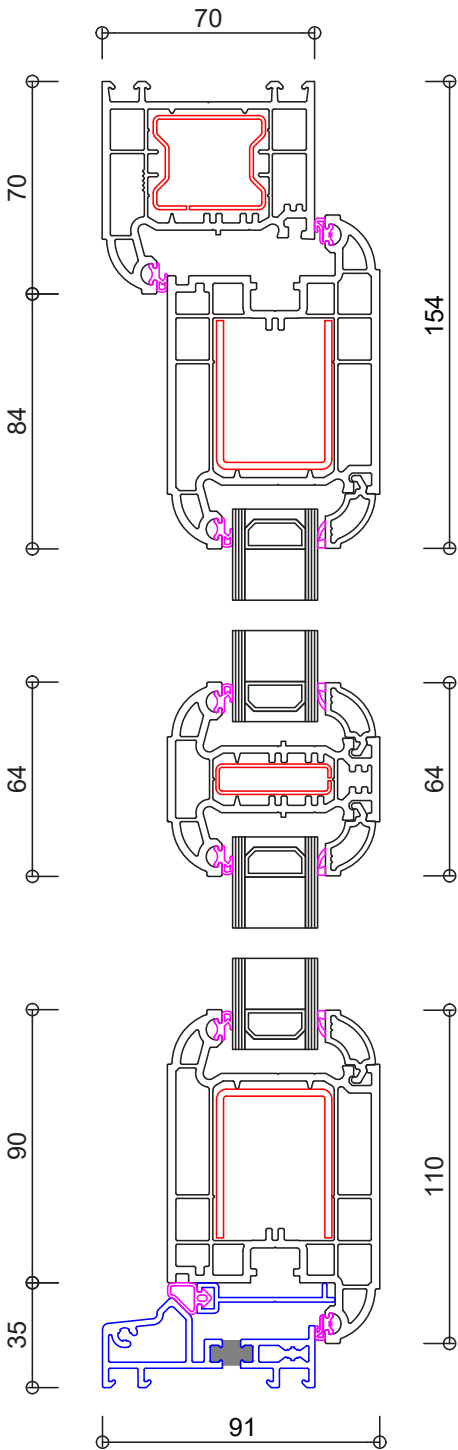
Test Results

Door type: Single leaf	
Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 4
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200

Door type: Double leaf	
Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 3
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200



Technical Drawing



Features and Benefits



Elegant sculptured design
Soft sculptured curves offer a refined, decorative look – perfect for traditional homes and premium projects.



Secure & durable
Compatible with high-security locking systems and reinforced where needed to meet safety standards.



Versatile configuration options
Ideal for new build or retrofit, and easy to configure as single or double doors without performance compromise.



Customisable styling
Wide range of colour foils, glazing options, and features like Georgian bars and low thresholds.

Maximum sash sizes

Residential: 1122mm (w) x 2122mm (h)

French Door: 1122mm (w) x 2122mm (h)

Outer frames

56mm, 70mm and 85mm outer frames

Mullions

64mm & 86mm T & Z mullions

Midrail

110mm midrail

Sash

95mm slim door sash

110mm door sash

Glazing beads

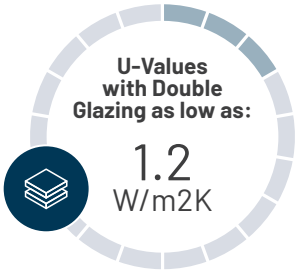
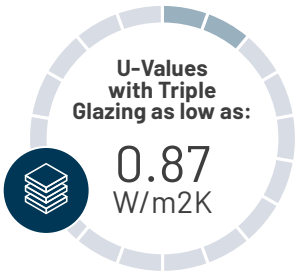
- 24mm sculptured
- 28mm sculptured
- 32mm sculptured
- 36mm sculptured
- 40mm bevelled

Ancillaries

- Frame extensions, thermal inserts, cills and weathering trims
- Range of coupling options
- Range of bay pole options

Residential & French Doors

The Halo Rustique Residential and French Doors combine the authenticity of a traditional sculptured door, with modern performance.



Available in a large assortment of colours and woodgrain options from the Variations range

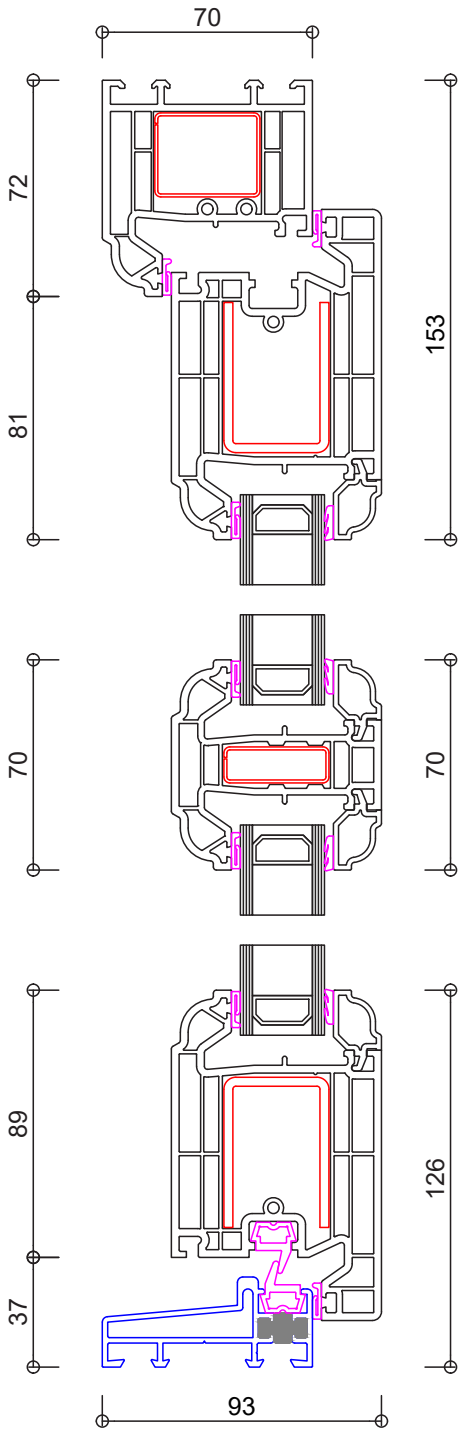
Test Results

Door type: Single leaf	
Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 4
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200

Door type: Double leaf	
Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 3
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200



Technical Drawing



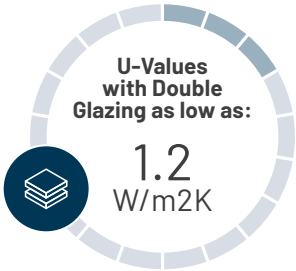
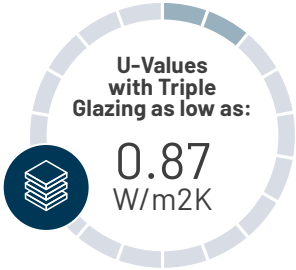
Features and Benefits

- Heritage-inspired profile**
Fully sculptured frames replicate the look of traditional timber, adding character and warmth.
- Robust & reliable hardware**
Compatible with industry-standard locking systems and hinge options for long-lasting performance.
- Excellent thermal and acoustic insulation**
Ideal for improving comfort and energy efficiency in both urban and rural settings.
- Flexible design options**
Available in a wide range of colours, woodgrain foils, and decorative glazing styles to suit heritage or bespoke designs.

Maximum sash sizes	
Residential: 1122mm (w) x 2122mm (h)	
French Door: 1122mm (w) x 2122mm (h)	
Outer frames	
56mm, 72mm and 84mm outer frames	
Mullions	Midrail
70mm & 95mm T & Z mullions	116mm midrail
Sash	
95mm door sash	
110mm door sash	
Glazing beads	
• 24mm sculptured	• 36mm bevelled
• 28mm sculptured	• 40mm bevelled
• 32mm sculptured	
Ancillaries	
Frame extensions, thermal inserts, cills and weathering trims	
Range of coupling options	
Range of bay pole options	

Residential & French Doors

The System 10 Residential and French Doors offer a clean, contemporary appearance with a modern bevelled design.



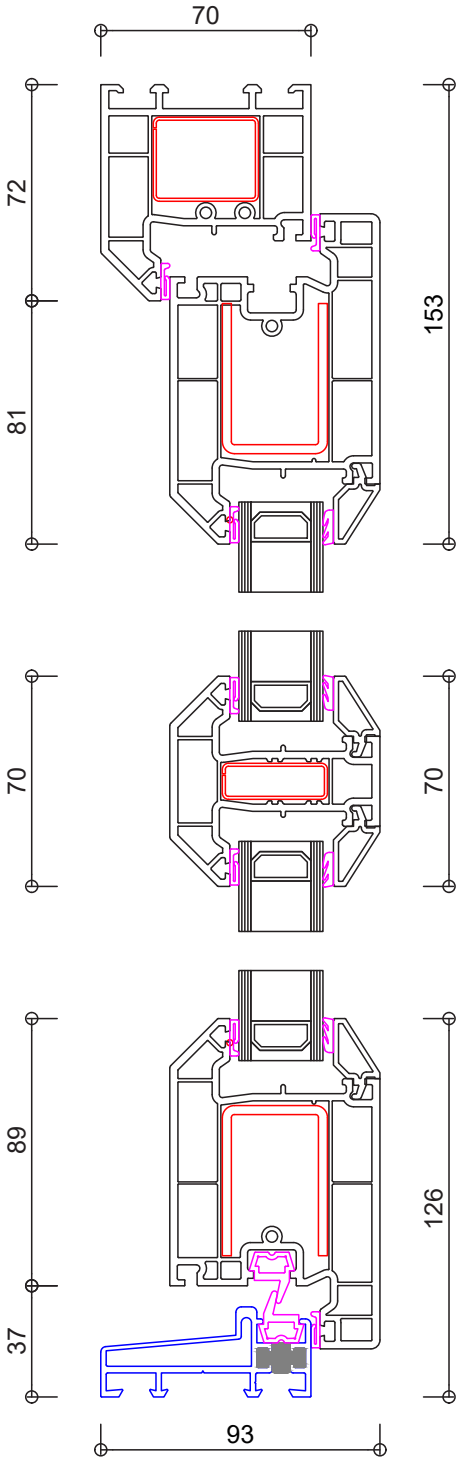
Test Results

Door type: Single leaf	
Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 4
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200

Door type: Double leaf	
Max sash sizes (wxh)	1122mm x 2122mm
Air permeability	Class 3
Water tightness	Class 7A
Resistance to wind	A3
Exposure category	1200



Technical Drawing



Features and Benefits

- Simple, bevelled design**
Clean lines offer a crisp, understated look for modern properties or commercial applications.
- Weatherproof & secure**
Strong frame construction and compatibility with multi-point locks ensure high levels of security and resistance to the elements.
- French doors**
Combining wide opening with security and reliability, ideal for patios and balconies.
- Multiple configuration options**
Suitable for residential or commercial use, with colour-matched ancillaries available.

Maximum sash sizes
Residential: 1122mm (w) x 2122mm (h)
French Door: 1122mm (w) x 2122mm (h)

Outer frames
56mm, 72mm and 84mm outer frames

Mullions	Midrail
70mm & 95mm T & Z mullions	116mm midrail

Sash
95mm door sash
110mm door sash

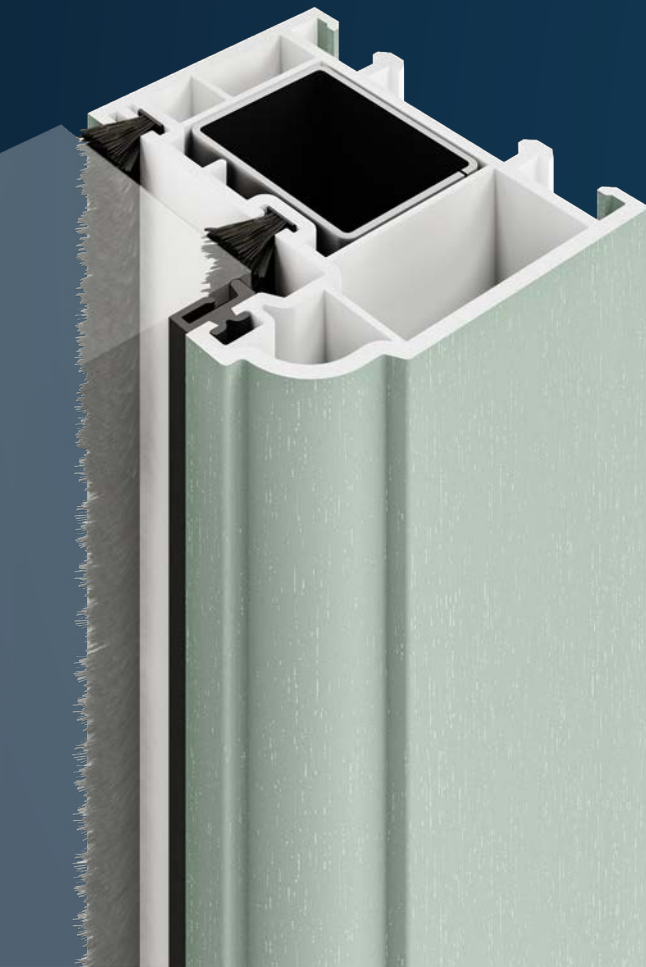
Glazing beads	
• 24mm sculptured	• 32mm sculptured
• 24mm bevelled	• 32mm bevelled
• 28mm sculptured	• 36mm bevelled
• 28mm bevelled	• 40mm bevelled

Ancillaries
Frame extensions, thermal inserts, cills and weathering trims
Range of coupling options
Range of bay pole options

Composite Door Outer Frames

VEKA & Halo Composite Door Outer Frames bring high performing profiles to your composite door.

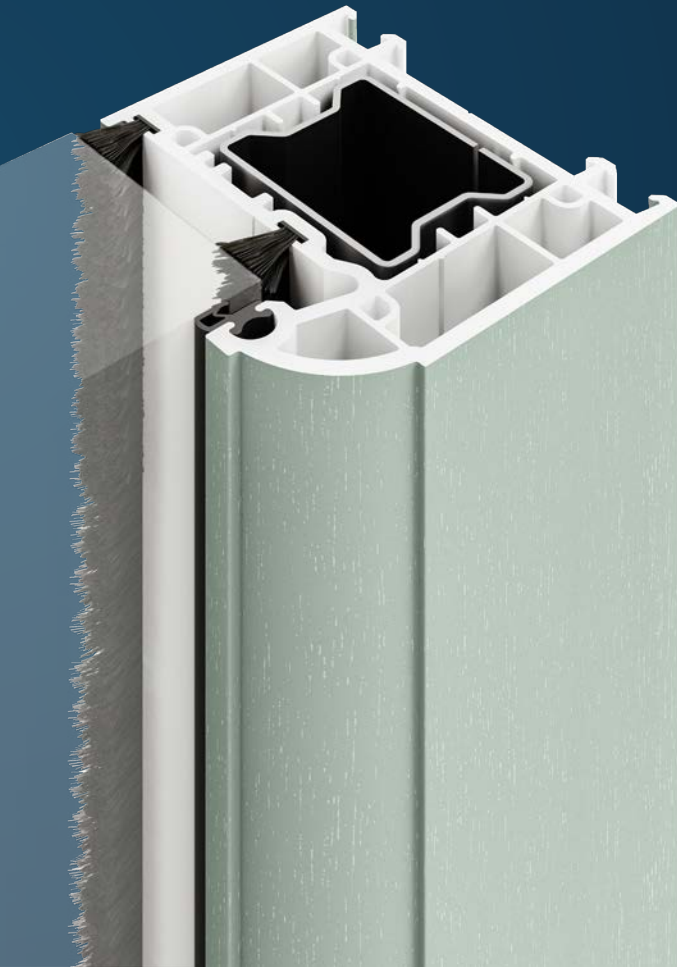
Halo Sculptured



Halo Bevelled



VEKA Sculptured



Features and Benefits



Sculptured or bevelled profile choice
Achieve any look to suit your requirements.

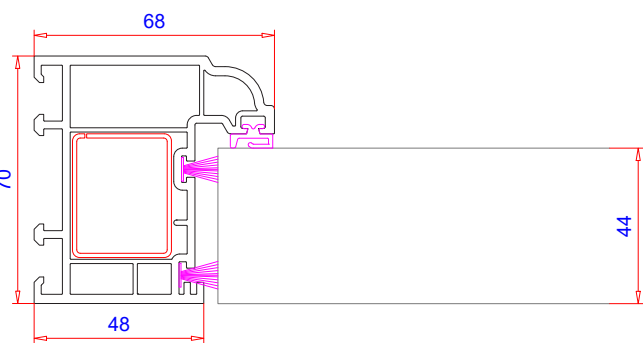


Triple seal
Improved weather performance to keep the outside out.

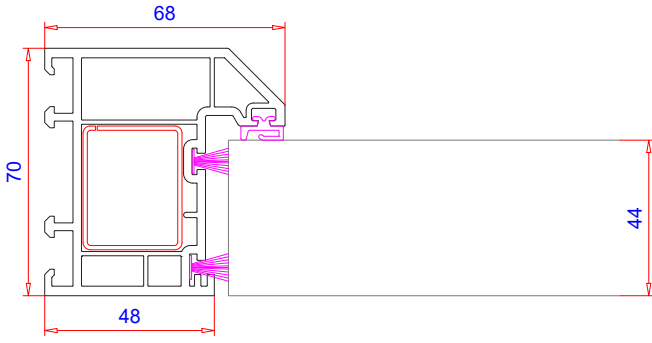


Colour range
With 8 ex-stock colours, and with MTO 44 colours in total, the colour choice is yours.

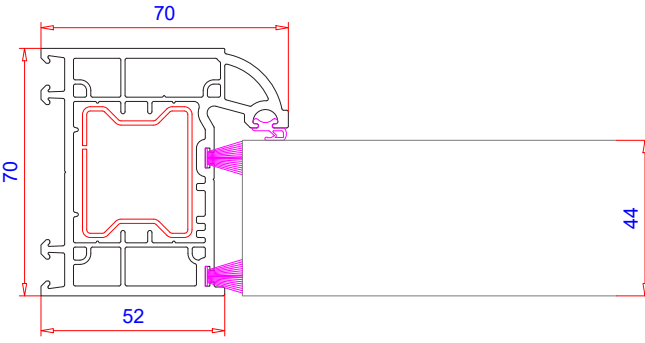
Technical Drawing



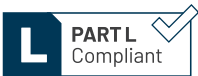
Halo outer frame



Halo outer frame



VEKA outer frame



Patio doors

Invite the outside in.

Upgrading your lifestyle has never felt more natural. Patio doors invite the outside in to create a new kind of lifestyle, bringing a fresher and lighter atmosphere to your home.

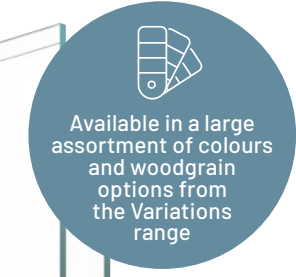
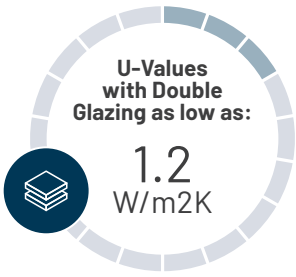
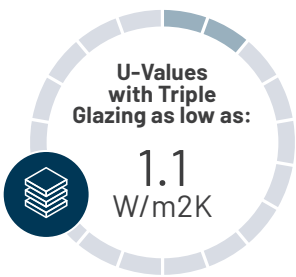
Sliding patio doors give you a greater sense of space and an uninterrupted view of nature. Their slim sight lines allow you to see less frame and more of your outside space.

Setting the standard for insulation and ease of use, our patio doors glide open effortlessly, to optimise your view and elevate your sense of wellbeing.



Bevelled / Sculptured

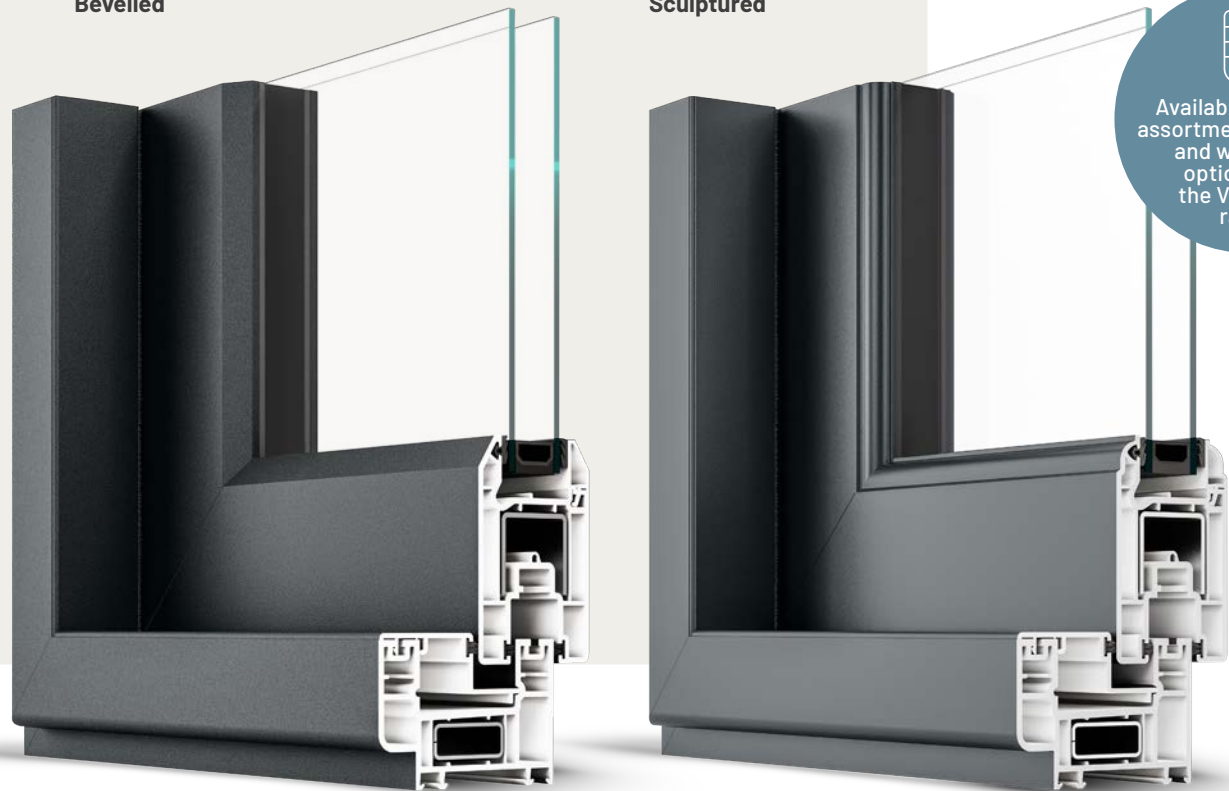
Imagine Patio Doors link together style and functionality, with clean lines and aesthetics.



Bevelled



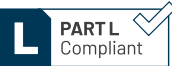
Sculptured



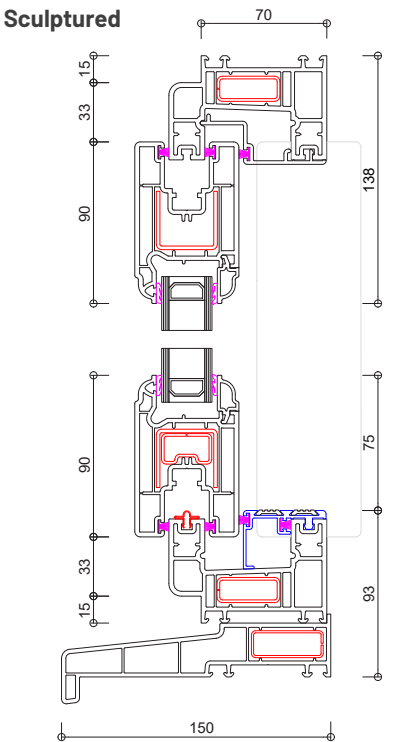
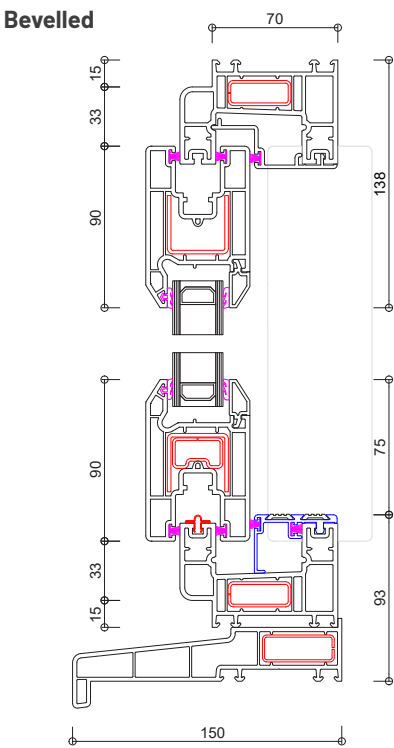
Test Results

Door type: Patio doorsets 2/3/4 pane	
Max sash sizes (wxh)	1053mm x 2074mm
Air permeability	Class 3
Water tightness	Class 5A
Resistance to wind	A3
Exposure category	1200

Door type: Patio doorsets 2/3/4 pane	
Max sash sizes (wxh)	1503mm x 2329mm
Air permeability	Class 2
Water tightness	Class 3A
Resistance to wind	A2
Exposure category	800



Technical Drawing



Features and Benefits



Slimline aesthetics with maximum glass area
Narrow interlock design enhances natural light and outside views—ideal for modern homes and garden rooms.



Effortless sliding action
Precision-engineered track and rollers ensure smooth, quiet sliding with minimal effort.



Advanced security options
PAS 24-accredited with anti-lift design and multi-point locking for peace of mind.



Flexible configurations
Available in 2, 3, or 4-pane layouts with colour-matched ancillaries and optional mid-rails or fixed lights.

Maximum sash sizes	
Patio doorsets 2/3/4:	1053mm (w) x 2074mm (h)
Patio doorsets 2/3/4:	1503mm (w) x 2329mm (h)

Outer frames	
	58mm outer frame

Midrail	
	116mm bevelled / sculptured midrail

Sash	
	90mm bevelled / sculptured door sash

Glazing beads	
	• 28mm bevelled
	• 28mm sculptured
	• 32mm bevelled

Ancillaries	
	Frame extensions and cills

Specialist products

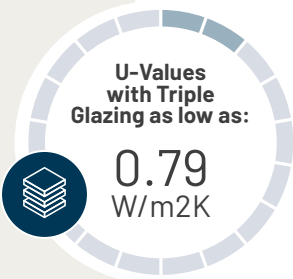
**Engineered
through innovation.**

VEKA understands that specific requirements need specific solutions, and the following pages show a diverse product offering from Passivhaus solutions to smoke ventilation solutions.



Passivhaus

Softline 82 - Passivhaus exceeds requirements for energy efficiency, thermal insulation, and airtightness, making it ideal for use in both residential and commercial Passivhaus projects.

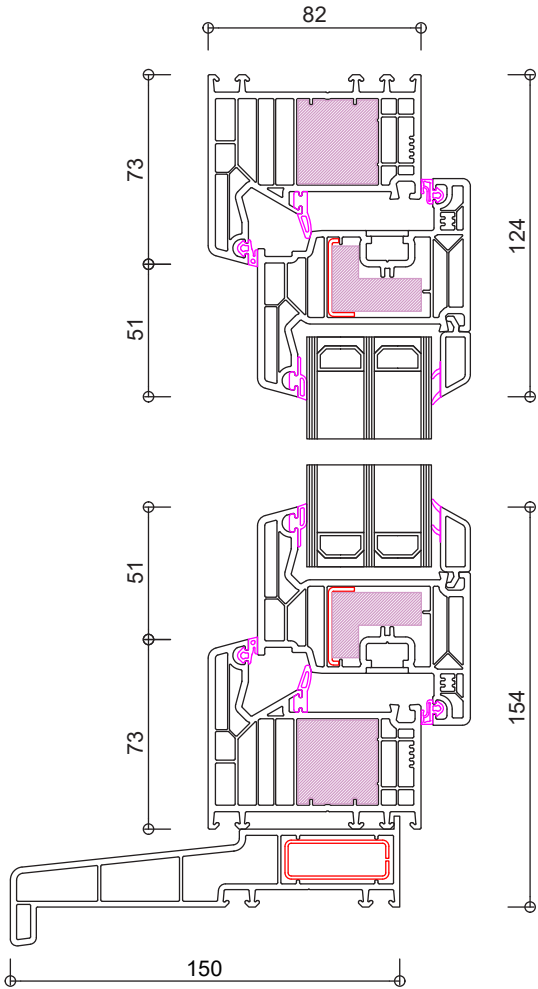


Test Results

Window type: Tilt & Turn	
Max sash sizes (wxh)	1000mm x 2100mm
Air permeability	Class 4
Water tightness	Class 9A
Resistance to wind	BE2400
Exposure category	2000



Technical Drawing



Features and Benefits



Passivhaus Certified
Tested and proven to meet the strict requirements of Passivhaus, ensuring minimal energy loss and optimal thermal performance.



Advanced Thermal Insulation
With a depth of 82mm and a multi-chamber profile, it provides exceptional insulation, reducing thermal bridges and preventing heat loss.



Triple Glazing
Designed with triple glazing, ensuring even greater energy efficiency and noise reduction.



Airtightness & Noise Insulation
Precision-engineered with a centre seal to deliver maximum airtightness, it prevents noise, drafts, and moisture infiltration for long-lasting performance.

Maximum sash sizes
Tilt & Turn: 1000mm (w) x 2100mm (h)
Outer frames
73mm outer frame
Mullions
94mm T mullion
Sash
84mm Z sash
Glazing beads
• 48mm bevelled
Ancillaries
Frame extensions and cills

Natural Smoke Heat Exhaust Vents (NSHEV)

UKCA marked according to BS EN 12101-2

NSHEVS are a smoke ventilation system used in buildings for clearing smoke and heat from core areas like stairwells and corridors to help people escape safely from buildings in the event of a fire.

They work by opening the window automatically when triggered by a smoke detector or fire alarm system.

Features and Benefits

Fully tested solution

NSHEV systems must be UKCA marked and tested against BS EN 12101-2, to ensure the system operates as intended every time with proven levels of reliability under demanding conditions.

Seamless integration

The VEKA and WindowMaster NSHEV solution works with M70 and System 10 window systems, with minimal changes required for those already fabricating these. VEKA has partnered with WindowMaster, who are experts at automatic ventilation solutions, and who can support alongside VEKA in the set-up of this fully tested solution.



VEKA M70 EN12101-2

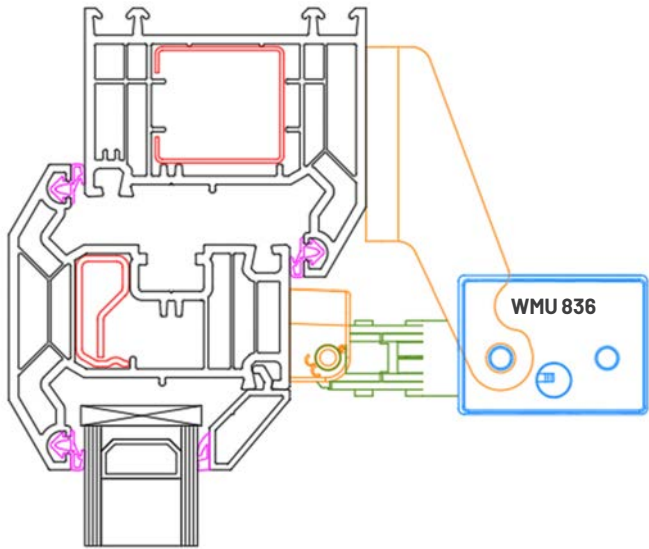
Test Results

Outer Frame	101309 67mm(h)
Sash	103365
Opening Vent Ref. No.	WMU842 and WMU 836
Bracket Kit No.	WAB 836I and WAB 836E

System parameters

Window Type:	Always Bottom Hung
Max Outer Frame Size:	1484mm(w) x 1484mm (h)
Max Sash Size:	1406mm(w) x 1406mm (h)
Max Sash Weight:	70kg

Technical Drawing



HALO SYSTEM 10 EN12101-2

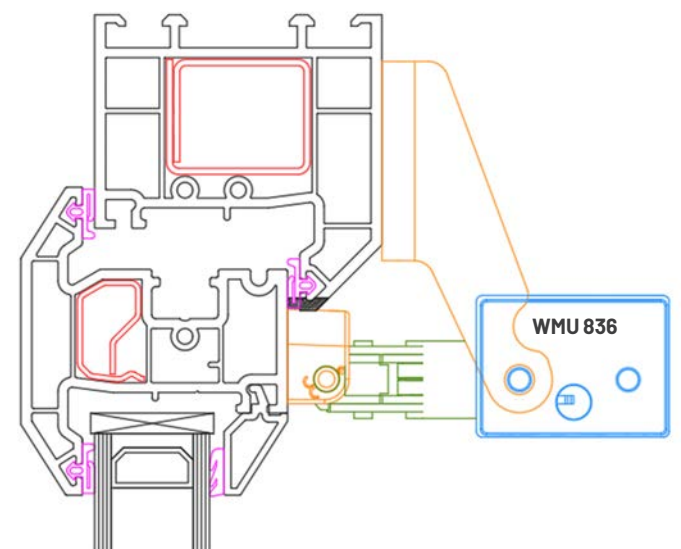
Test Results

Outer Frame	701502 72mm(h)
Sash	703508
Opening Vent Ref. No.	WMU842 and 836
Bracket Kit No.	WAB 836I and WAB 836E

System parameters

Window Type:	Always Bottom Hung
Max Outer Frame Size:	1484mm(w) x 1484mm (h)
Max Sash Size:	1400mm(w) x 1400mm (h)
Max Sash Weight:	70kg

Technical Drawing



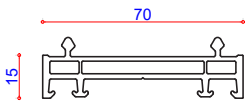
Ancillaries



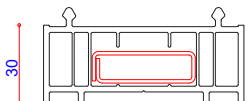
Ancillaries

We have a full range of ancillaries available alongside our window and door profiles, from cills and thermal inserts, to frame extensions and Georgian bars.

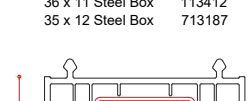
If you have any ancillary requirements you can contact us for more information.



114026
15mm Frame Extension



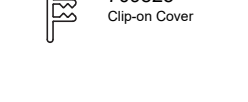
114061
30mm Frame Extension
36 x 11 Steel Box 113412
35 x 12 Steel Box 713187



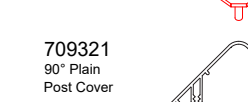
114062
45mm Frame Extension
35 x 28 Steel Box 713191



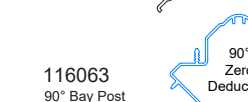
709825
Clip-on Cover



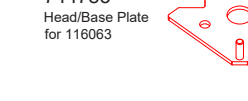
709300
Fixing Retainer



744783
Head/Base Plate for 116063



709321
90° Plain Post Cover



709162
90° Sculptured Post Cover



116063
90° Bay Post



744783
Head/Base Plate for 116063



744551
Head Plate for 116065

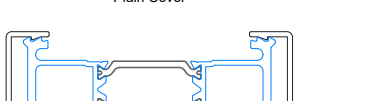
116065
150° Bay Post



113112
Vertical Dogbone Coupler
116012
Covering Profile



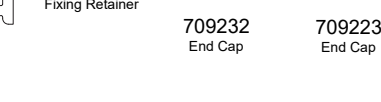
115117
20mm Vertical Aluminium Coupler
716323
Plain Cover



704811
20mm Thermally Broken Vertical Aluminium Coupler
716323
Plain Cover



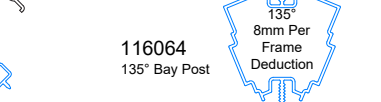
709317
Weather Bar



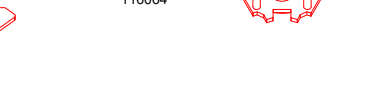
709192
Weather Bar



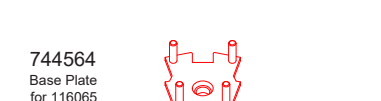
744550
Head Plate for 116064



709167
Plain Post Cover



709168
Sculptured Post Cover



116064
135° Bay Post



744544
Base Plate for 116064



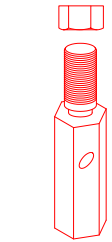
709165
150° Plain Post Cover

709166
150° Sculptured Post Cover

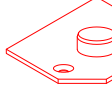
744564
Base Plate for 116065

Used in conjunction with head/base plates for load bearing applications.

M16 x 1.5mm
Tight Thread Nut
(Non-VEKA Part)



744556
Transfer Stud



744557
Load Transfer Base Plate



709824
External Georgian / Astragal Bar



709191
External Georgian / Astragal Bar



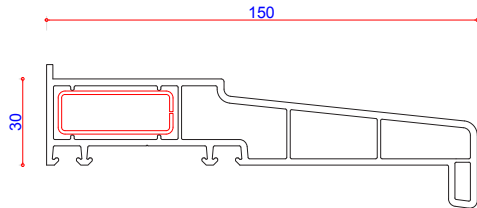
109130
34mm External Georgian / Astragal Bar
2mm x 30mm Tape (For 34mm Bar)
146106.000100 White
146106.001000 Black



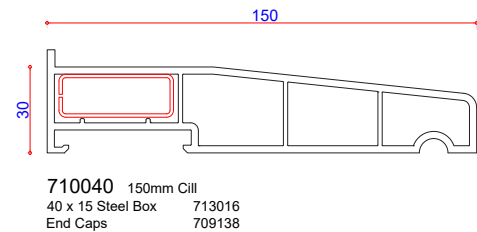
709189
External Georgian / Astragal Bar



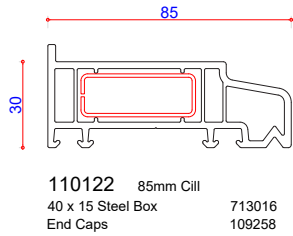
709122
External Georgian / Astragal Bar



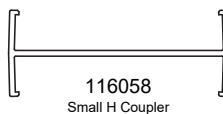
110103 150mm Cill
40 x 15 Steel Box End Caps 713016 109089 109006
Straight Coupler 135 Coupler 109010 109084



710040 150mm Cill
40 x 15 Steel Box End Caps 713016 709138



110122 85mm Cill
40 x 15 Steel Box End Caps 713016 109258



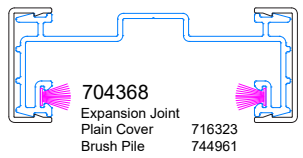
116058
Small H Coupler



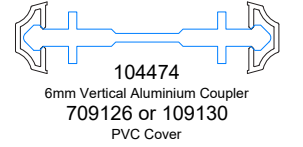
116030
Concealed Vertical Coupler



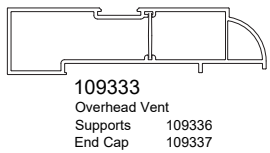
116217
2mm Vertical Coupler



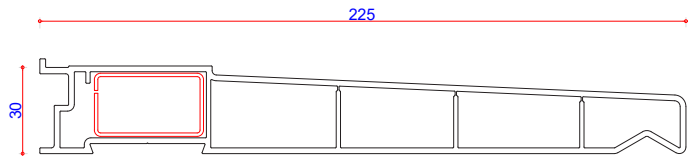
704368
Expansion Joint Plain Cover Brush Pile
716323 744961



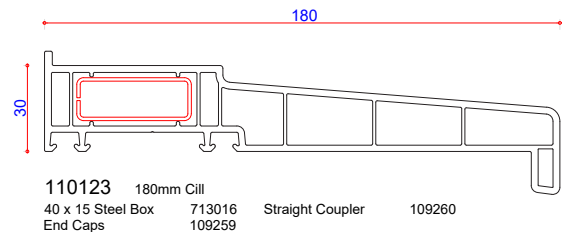
104474
6mm Vertical Aluminium Coupler
709126 or 109130
PVC Cover



109333
Overhead Vent Supports End Cap
109336 109337



110084 225mm Cill
38 x 22 Steel Box End Caps 113175 109914
Straight Coupler Back Plate 109915 109916



110123 180mm Cill
40 x 15 Steel Box End Caps 713016 109259
Straight Coupler 109260

744549
Head Plate for 704801



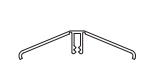
709168
Sculptured Post Cover
110° - 145°



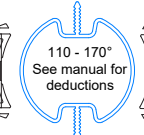
709167
Plain Post Cover
110° - 145°



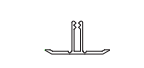
709166
Sculptured Post Cover
146° - 170°



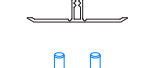
709165
Plain Post Cover
146° - 170°



704801
Variable Bay Pole
110 - 170°
See manual for deductions



109059
Adapter



709164
Post Cover Small
110° - 145°



709163
Post Cover Small
146° - 170°



744543
Variable Base Plate

102

103

Ancillaries



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