


Specification Guide
2019

A full technical
guide to all
VEKA UK Group
products





As the UK's largest systems company with over three decades of experience designing and extruding pioneering PVCu profile systems, our vision is that VEKA will be the brand of choice, based on a heritage of trust, efficiency and commitment.

To help us achieve our vision we believe that investing in our people, products and services is key to delivering the best customer experience in the industry at every point within our supply chain, from architects, specifiers, fabricators, installers, public and private sector clients to homeowners.





imagine

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About us.

We know what we're good at and that's where we apply our focus. We're the most knowledgeable brand in the industry 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 – the most specified systems in the world.

Heritage

VEKA has been leading the global development of PVCu window systems for 50 years, through design, innovation and customer focus. With subsidiaries in over 40 countries across Europe, Asia, America and Russia, 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 UK Group is the UK arm of the company; best known for the VEKA and Halo profile suites and the Infinity recycled PVCu system that have each set new standards in the industry for technical excellence as well as sheer good looks. 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. Of course 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 control to ensure our profile maintains a consistently high performance level. We offer a 10 year guarantee on all window and door profile and colour.

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 - £9 million worth covering 4000 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 50 years. We have a history of innovation 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.



What can we do *for you?*

Energy Performance Calculator

As part of our support package we provide fabricators and Independent Network installers with a BSI notified and BFRC certified window and door energy performance calculator; allowing suppliers to provide the right specification every time.

The calculator provides energy ratings and U-values to fabricators and installers enrolled on a certification scheme. All U-value calculations are notified in accordance with BS EN 14351-1 allowing windows and doors to be CE marked. If you are not enrolled on a scheme the certificate can be given to the client as indication of performance but is not admissible for regulations. The BFRC certified Window and Door Energy Performance Calculator provided by VEKA UK Group will only be valid if using approved VEKA steels and is based on type test results.

Wind Load Calculations

Wind can be highly destructive to buildings and it is imperative that the product specified is fit for purpose and suitable for the location.

We can provide wind load calculations to all our customers including fabricators, installers and specifiers. The service is provided free of charge and will assist with the specification and costing of commercial contract work. The calculations prove the capability of the design and that the components are able to withstand the imposed forces in accordance with British standards for the worst case wind speeds of the last 50 years.

Extensive Testing

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

BIM Objects

Our windows and doors are available as BIM objects providing you with all the relevant information for your specification and project requirements. We are committed to ensuring the successful delivery of BIM information to all parties through effective collaborative working.

As part of our commitment to assist our fabricators and specifiers, a series of 3D models are available for both the VEKA and Halo brands, complete with guidance documents. Visit our website www.veka.co.uk

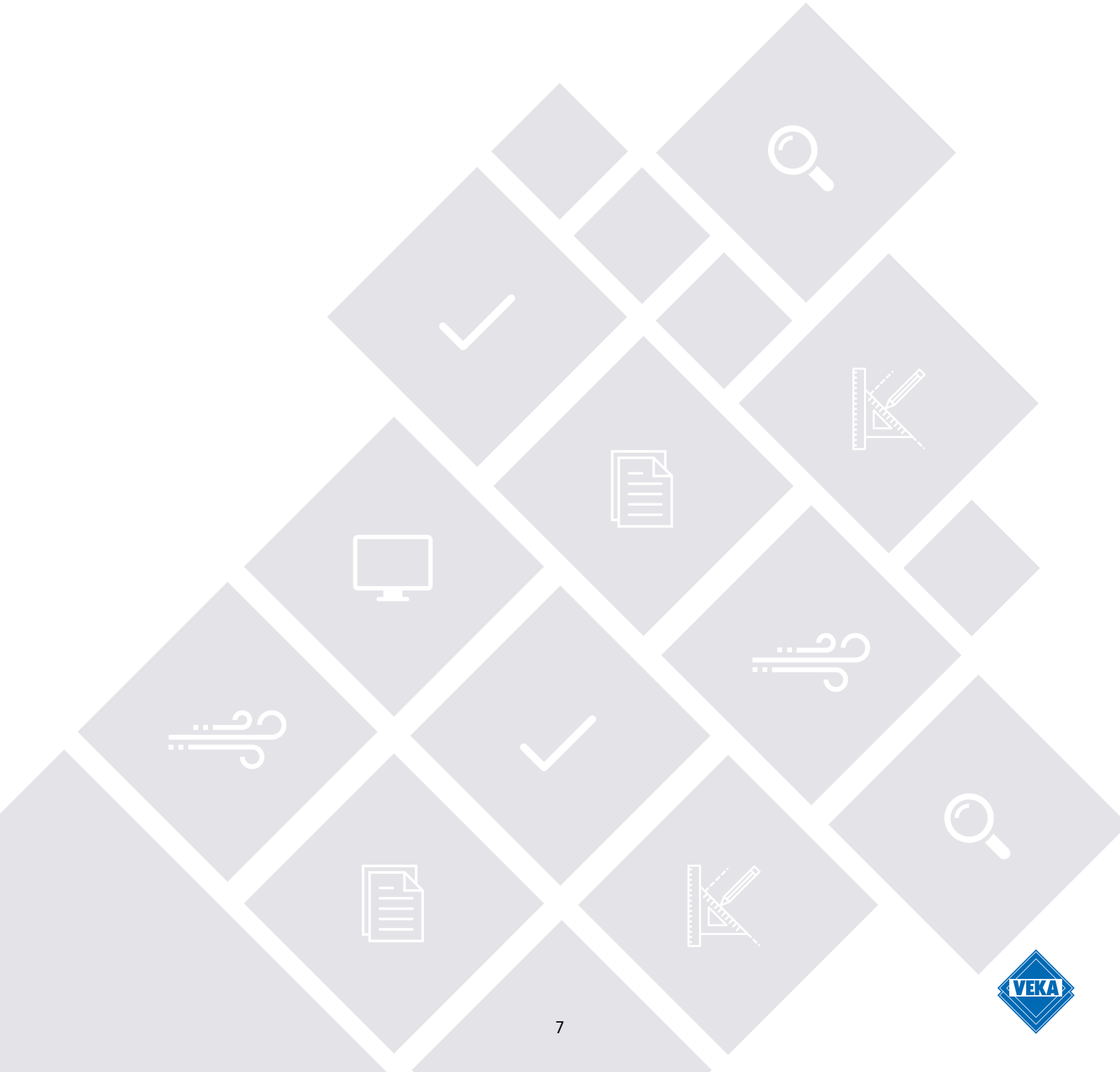
RIBA Product Selector

Our products are available using the RIBA Product Selector online directory. Here you will find an extensive range of information and a comprehensive catalogue of all systems suitable for all types of projects. The NBS Plus software will allow you to write an NBS specification document specific to the particular project you are working on.

CAD Design

We can provide a wide range of technical information including feasibility drawings, CAD blocks and cross section details to assist specifiers who are looking to use our systems on their projects.

For more information on our services or further assistance please visit veka.co.uk



Why choose PVCu

Energy Efficiency

At VEKA Group, 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 Infinity suite of recycled profiles has won awards and set many environmental firsts since its launch. Our TwinSash system boasts an industry leading U-value of just 0.38.

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.

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.

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.

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.



Recyclability

The average PVCu window has a lifespan of around 30–40 years and can be recycled up to ten times – VEKA Recycling are 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.



Testing laboratory
& accreditations





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 UK Group products have carried that instantly recognisable sign of confidence.



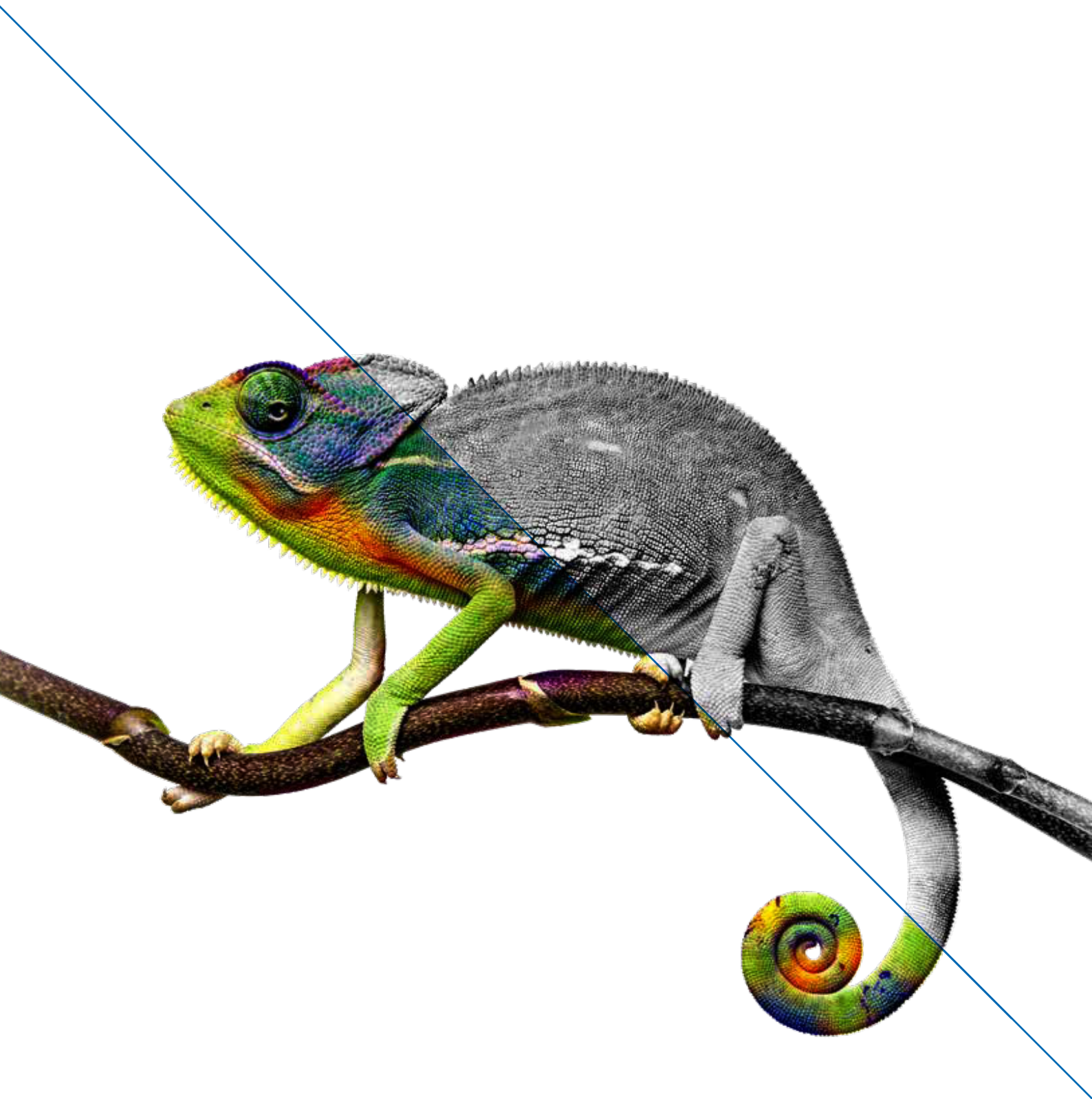
PAS 24 and Secured by Design

As part of our commitment to designing products that offer high level security for commercial clients, our products meet the stringent testing requirements of PAS 24, the Police Preferred Specification that is Secured by Design when fabricating following the VEKA UK Group manuals.



ISO 9001:2015, ISO 50,0001 and ISO 14001:2015

Our factory at VEKA UK Group 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.



Request a swatch
book for our full
colour and woodgrain
options

Variations

Colour and Woodgrain Options

The demand for coloured profile presents a huge opportunity, which is why we've made it easier for you to order it. We stock the colours you sell – 27 colour combinations from a palette of 14 ex-stock colours sharing the same lead time as our standard profile and available across our full product range, so you don't have to go wading through a big book of swatches and availability charts. You can't get simpler than that.

Colour has always played an important role in architecture. More than a simple decorating choice, it can influence opinion, stir emotion and communicate a style choice. Colour is now as accessible when choosing windows and doors as hardware, which is why we've seen such a rise in demand for laminated profile. In fact, it now makes up 40% of total sales at VEKA UK Group.

95% of our colour sales are ex-stock, but the Variations colour offer also includes a wider selection of less popular colours which can be requested made to order, typically with a 4-week lead time. Ask us for more information or a swatch book.



SPECTRAL

at a glance

SPECTRAL is an exclusive material developed by VEKA Group. The innovative surface uses ground breaking technology to create ultrasmooth, ultramatt finish that has unrivalled performance benefits.

Request a swatch
book for our full
range of SPECTRAL
colour options

VEKA

Exclusive to VEKA

Refined, elegant and durable



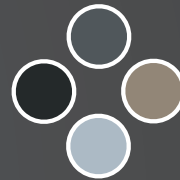
High resistance to UV light

Velvet like surface

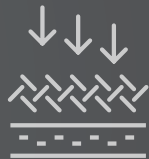


Anti fingerprint

10 YEAR guarantee



Available in four MTO colours



High resistance to scratches



High resistance to extreme weather

Innovative ultramatt technology



High resistance to harsh chemicals



Reflects less light than other matt surfaces



Can be used with other colours from the VEKA UK Group Variations range



Easy to clean



Fully recyclable



Product overview



Casement Windows

Casement Windows are a popular and versatile window style suitable for all commercial or residential buildings. Choose from a range of sash sizes and opening styles including side hung, top hung or multi-light. Additional features can be added including mock horns and Georgian bars. Casement Windows are available in a choice of 70mm bevelled or sculptured profile systems from VEKA and Halo.



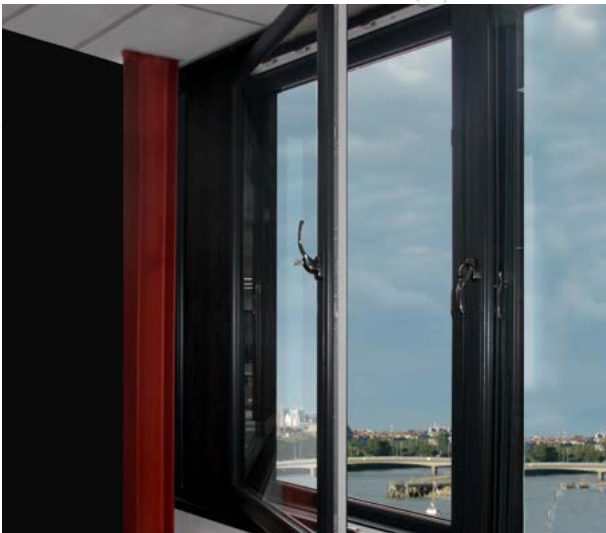
Tilt & Turn Windows

Tilt & Turn Windows are often used where there is a high rise element, or a requirement for cleaning to be carried out from the inside of the building. With a distinctive opening mechanism, they are opened by a quarter turn of the handle allowing secure ventilation at the top with a further quarter turn allowing the window to fully open inwards. Multiple fixed lights can be added around the window and it is available in a choice of 70mm bevelled or sculptured profile systems from VEKA and Halo.



FlushSash Windows

Crafted using VEKA Matrix Fully Sculptured, Halo System 10 or Halo Rustique profile systems, FlushSash sits true to the frame offering the traditional appearance of timber. The system is as versatile as it is beautiful and offers a range of optional features including mechanical or fully welded joints, heritage hardware and Georgian bars. FlushSash is available with slim sightlines and a concealed mullion, ideal for replicating windows requiring planning consent in conservation areas.



TwinSash Windows

TwinSash was the UK's first A-rated window and is renowned for offering unrivalled thermal and acoustic performance. TwinSash is perfect for Passive House applications or high urban noise areas, such as motorways, airports & railway stations where noise reduction is paramount. This unique window consists of two sashes joined by a deep outerframe, the result is an air-tight pocket, sandwiched between two thermally efficient sash frames. TwinSash can be opened inwards or outwards using a combination of Casement, Tilt & Turn or Parallel Openers and is compatible with both Halo System 10 and Rustique profile systems.



SmartSash Windows

SmartSash offers remarkable thermal performance using off the shelf glazing, hardware and other components. SmartSash windows are clever by design, most significantly no other UK based PVCu systems manufacturer offers such exceptional thermal performance using standard components. The system is compatible with Halo System 10 Casement, Tilt & Turn and Residential Doors. SmartSash is ideal when larger window sizes are required with glazed units up to 48mm and opening sashes up to 1500mm high and 2100mm wide.

Product overview continued



Fully Reversible Windows

The Fully Reversible Window is ideal for multi-story properties. The 180 degree reversible opening mechanism pivots within the axis of the frame without protruding into the room to allow easy, safe and secure cleaning of the external glass from the inside of the property.



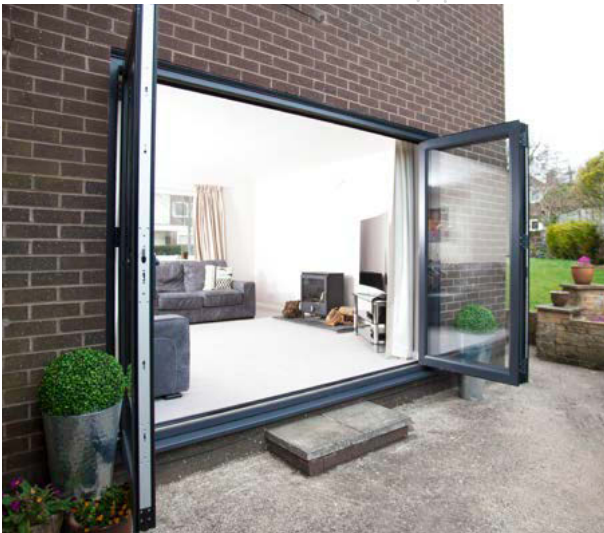
Imagine Vertical Slider

The Imagine Vertical Slider carries all the beauty of a design classic, combined with the latest industry thinking. Spring and spiral balances and a unique tilt facility allows the sashes to tilt inwards for easy cleaning of the outside glass. A range of features including the option for mechanical joints, two choices of cill, deep base rail, Georgian bars and run through horns that replicate traditional timber aesthetics make it ideal for heritage, contemporary or classic applications. Windows can be coupled together or to bay poles to accommodate a variety of configurations.



Residential and French Doors

Residential and French Doors can be specified with a choice of 70mm bevelled or sculptured profile systems from VEKA and Halo perfectly matching the windows. PVCu Doors are available in a variety of styles, can be inward or outward opening and have multiple glazing options providing a versatile solution for any type of building. PVCu and aluminium low threshold options are available to specify for easy-access and are compliant with local building regulations. VEKA and Halo also offer a composite door outerframe suitable for use with standard door slabs.



Imagine Bi-Fold Door

The Imagine Bi-Fold Door is ideal for both commercial and residential properties and can be specified as a room divider or as a wide opening to bring the outside in. Imagine Bi-Fold Door sashes glide along the rail, concertina and stow away using minimal space. Imagine Bi-Fold Doors have a completely flush finish and are available with a choice of 19 configurations, up to 7 sashes in width, bevelled or sculptured profile, mechanical or welded outerframe joints, inward or outward openings and a variety of thresholds allowing the door to be tailored to any specification. They can also be assembled on-site in difficult to access areas.



Imagine Flush Door

The Imagine Flush Door style is available for outward opening single or French Doors. With a completely flush finish, choice of bevelled or sculptured sashes, optional mid-rail* for letter plates and compliant with local building regulations for easy-access. The Imagine Flush Door is perfect for any residential or commercial property. Designed to compliment FlushSash windows.

*on bevelled product only.

Product overview continued



Imagine Patio Door

The Imagine Patio Door can be tailored to any application with a range of optional configurations including a choice of two, three or four pane styles, option for both doors to slide, internal or external sliding sashes and multiple thresholds including a low easy access option that is compliant with local building regulations. The Imagine Patio Door is available with a choice of bevelled or sculptured sashes and has been designed with a clever interlock for increased security.



Imagine Lift & Slide Door

The Imagine Lift & Slide Door is a style of patio door with a range of design and opening options ideal for both residential and commercial applications. It is perfect for floor-to-ceiling installations to make the most of the large glazed surfaces and features a contemporary bevelled profile design. The Imagine Lift & Slide Door can be specified with two, three or four pane opening sashes and fixed glazing. For ease of opening the door sashes lift and glide along the rails with a full turn of the handle.



SmartFold Door

The SmartFold Door system is an innovative product solution for a folding and sliding door with minimal intrusion into the living space. Each door sash can be moved individually anywhere along the concealed tracks with the option to stack the door sashes at either side of the frame, to be partially opened or closed allowing for a multitude of opening options. SmartFold has a contemporary bevelled design with the option of bevelled or sculptured glazing beads.



VEKAscreen

VEKAscreen is a screen walling system centred around an Aluminium mullion capable of large spans, while maintaining narrow sightlines and thermal efficiency. VEKAscreen is ideal for use in education, healthcare, commercial and mixed-use projects and can be specified with panels to match brand or school colours.

VEKA Windows and Doors are accredited by the British Standards Institute (BSI) and are PAS 24 ready.

All Imagine Doors are compatible with ERA's bespoke designed hardware and multi-point locks incorporated into the frame as standard with a comprehensive Five Star Guarantee.

Contents

VEKA UK Group Windows and Doors



imagine

VEKA.....24-43

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- M70 Tilt & Turn Window
- M70 Residential and French Doors
- M70 SmartFold Doors
- Matrix Fully Sculptured Casement Window
- Matrix Fully Sculptured Tilt & Turn Window
- FlushSash Casement Window
- Matrix Fully Sculptured Residential and French Doors

Halo.....44-77

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- System 10 SmartSash Casement Window
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- System 10 Parallel Opener
- System 10 Residential and French Doors
- System 10 SmartFold Doors
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- Vertical Slider
- Bevelled Bi-Fold Door
- Sculptured Bi-Fold Door
- Bevelled Flush Door
- Sculptured Flush Door
- Bevelled Patio Door
- Sculptured Patio Door
- Lift & Slide Patio Door

Specialist Products96-107

- VEKA Fully Reversible
- Halo Fully Reversible
- VEKAScreen
- Clip-on Cill



Introducing System 10

Offering complete versatility with a clean, contemporary appearance System 10 is a fully integrated 70mm system featuring a modern bevelled design. This technically advanced multi-chambered system has a variety of reinforcement options and thermal inserts for advanced performance, added security and thermal benefits.

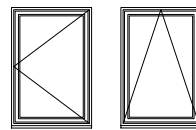
The suite can be integrated with the Rustique 70mm sculptured system.



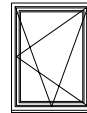
Available in a large
assortment of colours
and woodgrain options
from the popular
Variations range.

Products in this section:

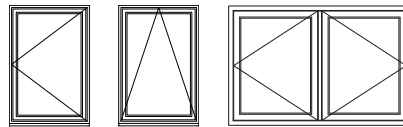
Casement Window and
SmartSash Casement Window



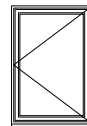
Tilt & Turn Window and
SmartSash Tilt & Turn Window



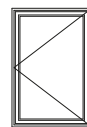
FlushSash Casement Window



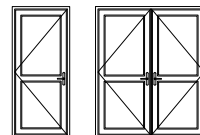
TwinSash Casement Window



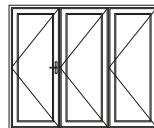
Parallel Opener



Residential and French Doors



SmartFold Door





Features

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

Finishes

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

Glazing beads

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

Ancillaries

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

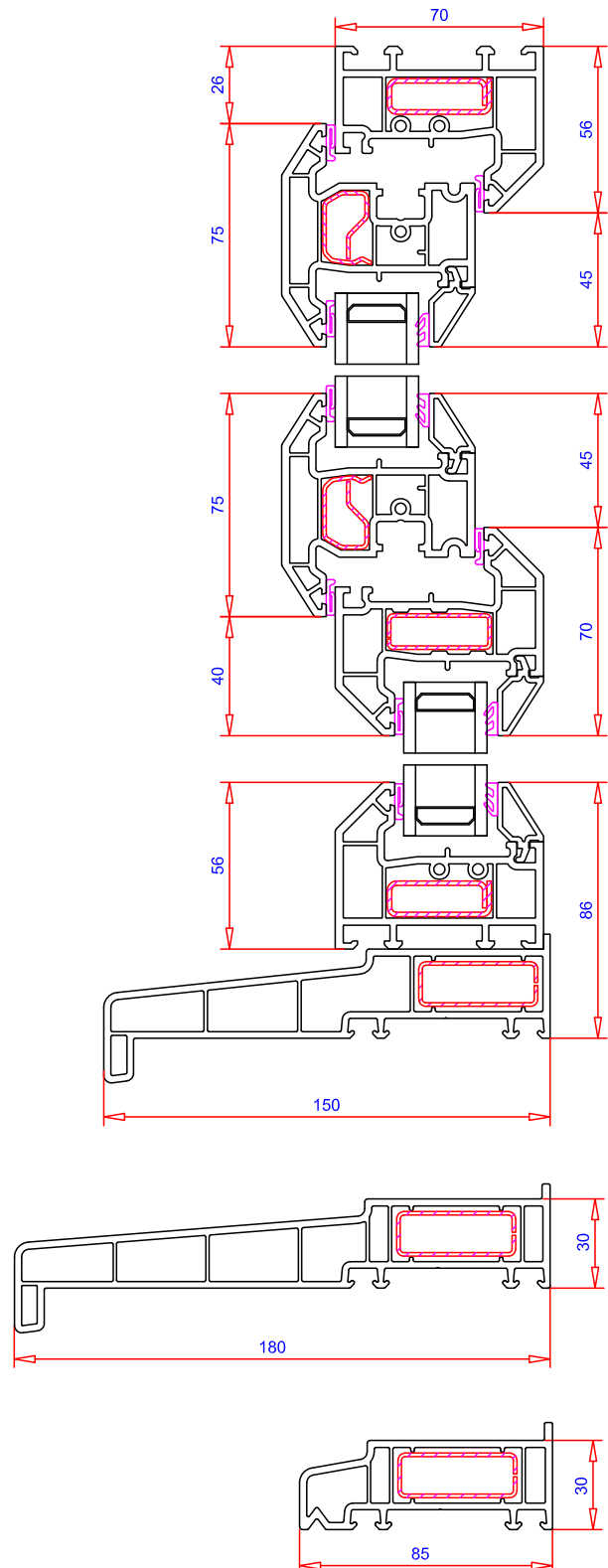
Thermal performance**

Achieves U-values as low as 1.3 W/m²K using double glazing
Achieves U-values as low as 0.95 W/m²K using triple glazing

* SPECTRAL is only available on bevelled or flat surfaces.

** Figures can vary dependent on specification.

Technical Drawing



System 10 Casement Window



Test Results

Window type	Max sash sizes (wxh)	Air permeability	Water tightness	Resistance to wind	Exposure category
Top hung reinforced	1400mm x 1400mm	Class 3	Class 7A	A3	1200
Side hung reinforced	800mm x 1550mm	Class 4	Class 8A	A4	1600
Fixed light part reinforced	3000mm x 3000mm	Class 4	Class E750	A4	1600



Features

Maximum sash sizes

Tilt & Turn: 1414mm (w) x 1414mm (h)

Outer frames

56mm, 72mm and 84mm outer frames

Mullions

70mm or 95mm mullions

Sash

Tilt & Turn sash

Finishes

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

Glazing beads

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

Ancillaries

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

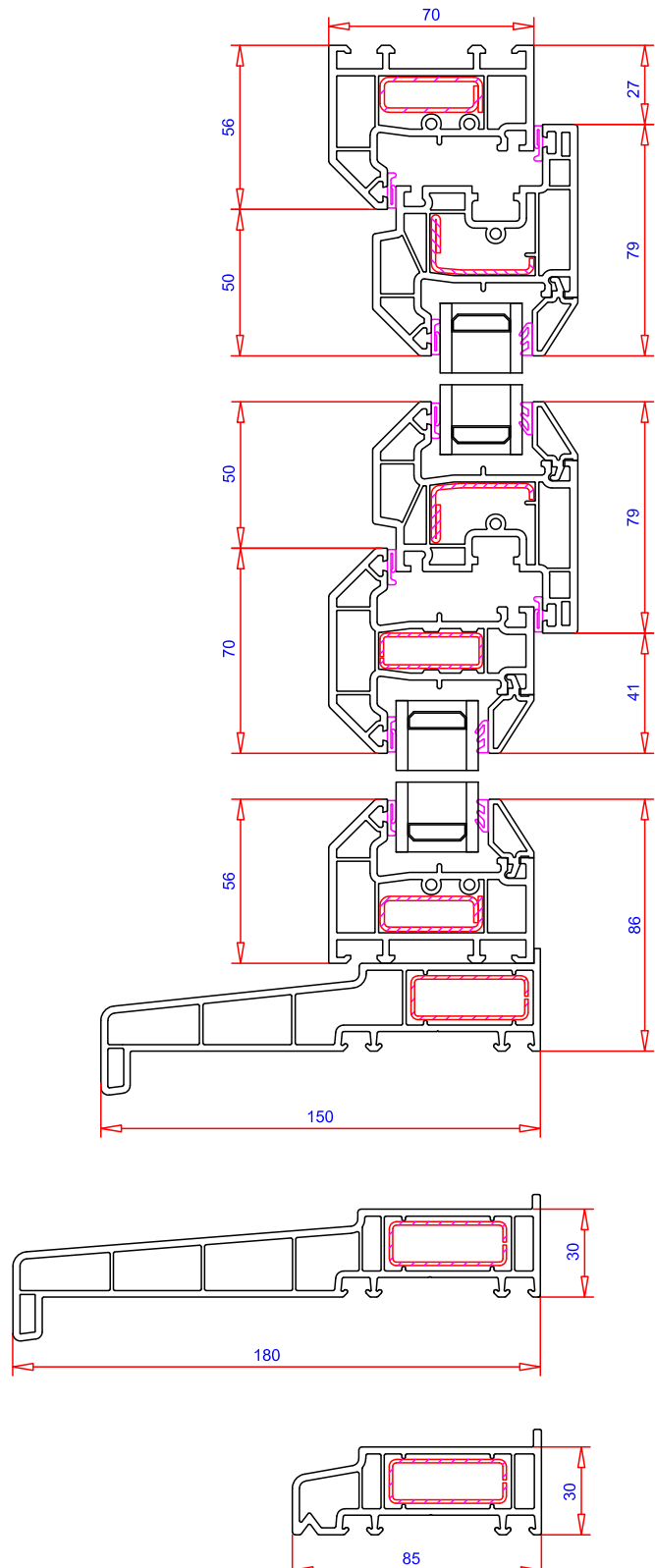
Thermal performance**

Achieves U-values as low as 1.3 W/m²K using double glazing
Achieves U-values as low as 1.0 W/m²K using triple glazing

* SPECTRAL is only available on bevelled or flat surfaces.

** Figures can vary dependent on specification.

Technical Drawing





System 10
Tilt & Turn
Window

Test Results

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



Features

Maximum sash sizes

Top hung: 1246mm (w) x 1446mm (h)

Side hung: 846mm (w) x 1746mm (h)

Fixed light: 3000mm (w) x 3000mm (h)

Outer frames

56mm, 72mm and 84mm outer frames

Mullions

70mm or 95mm mullions

116mm midrail

Sash

76mm casement sash

Finishes

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

Sash Glazing beads

28mm bevelled

36mm bevelled

40mm bevelled

44mm bevelled

48mm bevelled

*options also available for Duo glazing

Ancillaries

Frame extensions, cills and weathering trims

Range of coupling options

Range of bay pole options

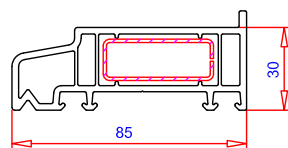
Thermal performance**

Achieves U-values as low as 1.3 W/m²K using double glazing

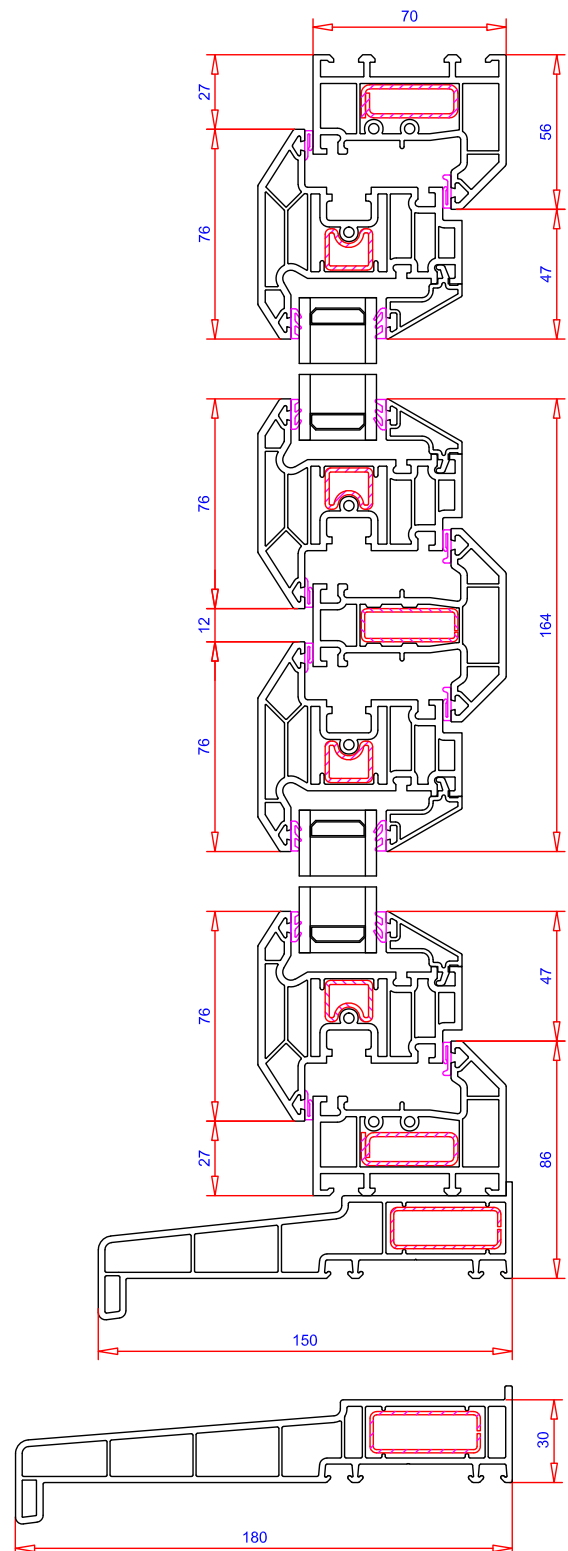
Achieves U-values as low as 0.91 W/m²K using triple glazing

* SPECTRAL is only available on bevelled or flat surfaces.

**Figures can vary dependent on specification.



Technical Drawing



System 10
SmartSash
Casement
Window



Test Results

Window type	Max sash sizes (wxh)	Air permeability	Water tightness	Resistance to wind	Exposure category
Top hung reinforced	1246mm x 1446mm	Class 4	Class E1050	AE2400	2400
Side hung reinforced	846mm x 1746mm	Class 4	Class E1050	AE2400	2400
Fixed light part reinforced	3000mm x 3000mm	Class 4	Class E750	A4	1600



Features

Maximum sash sizes

Tilt & Turn: 1414mm (w) x 1414mm (h)

Outer frame

56mm, 72mm and 84mm outer frame

Mullions

70mm or 95mm mullions
116mm midrail

Sash

81mm Tilt & Turn sash

Finishes

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

Sash Glazing beads

28mm bevelled
36mm bevelled
40mm bevelled
44mm bevelled
48mm bevelled

*options also available for Duo glazing

Ancillaries

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

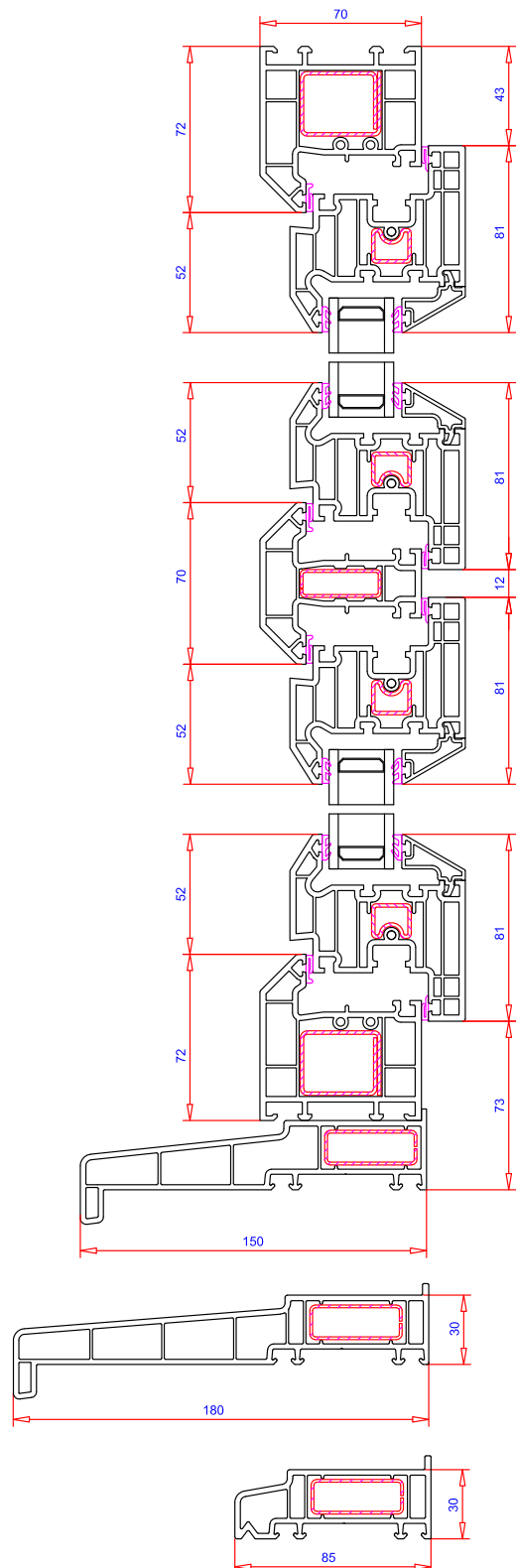
Thermal performance**

Achieves U-values as low as 1.2 W/m²K using double glazing
Achieves U-values as low as 0.89 W/m²K using triple glazing

* SPECTRAL is only available on bevelled or flat surfaces.

** Figures can vary dependent on specification.

Technical Drawing



System 10
SmartSash
Tilt & Turn
Window



Test Results

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



Features

Maximum sash size

Side hung: 620mm (w) x 1270mm (h)

Outer frames

56mm, 72mm and 84mm outer frames

Mullions

70mm or 95mm mullions

Sash

61mm flush sash

Finishes

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

Glazing beads

28mm bevelled
28mm sculptured
32mm bevelled
36mm bevelled

Ancillaries

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

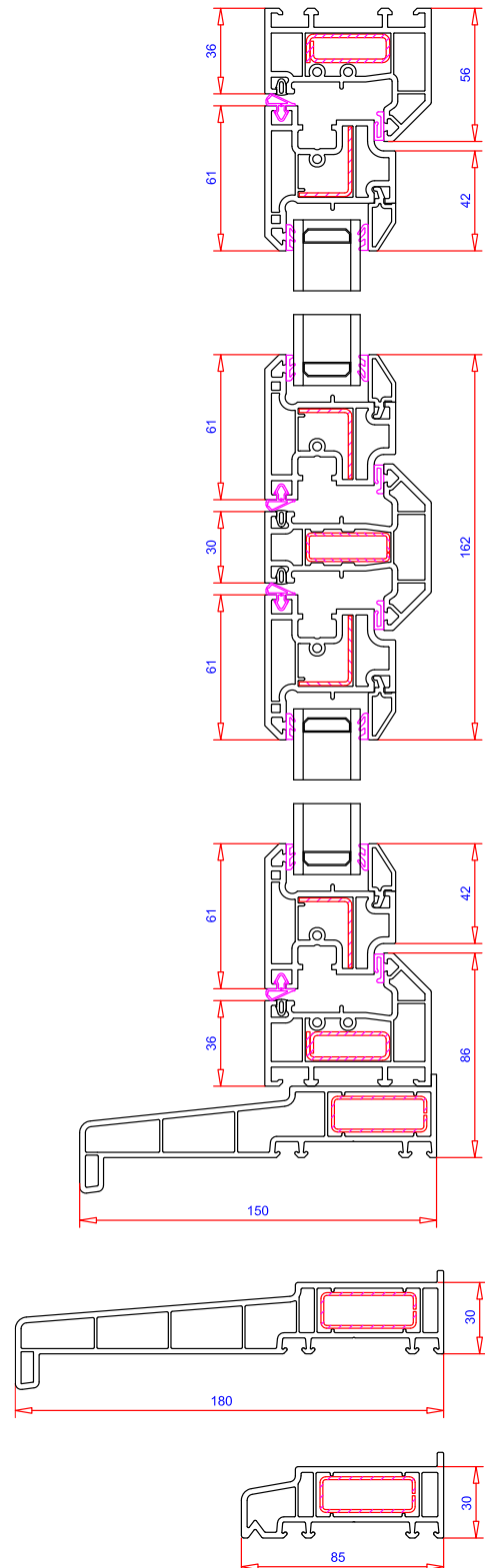
Thermal performance**

Achieves U-values as low as 1.3 W/m²K using double glazing
Achieves U-values as low as 1.1 W/m²K using triple glazing

* SPECTRAL is only available on bevelled or flat surfaces.

** Figures can vary dependent on specification.

Technical Drawing



System 10
FlushSash
Casement
Window



Test Results

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



Features

Maximum sash size

Top hung: 1250mm (w) x 1250mm (h)

Outer frame

56mm x 150mm outer frame

Mullions

70mm bevelled mullion

70mm sculptured mullion

Sash

75mm bevelled sash

76mm sculptured sash

95mm bevelled sash

95mm sculptured sash

Finishes

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

Sash Glazing beads

24mm sculptured

24mm bevelled

28mm sculptured

28mm bevelled

32mm sculptured

32mm bevelled

36mm bevelled

40mm bevelled

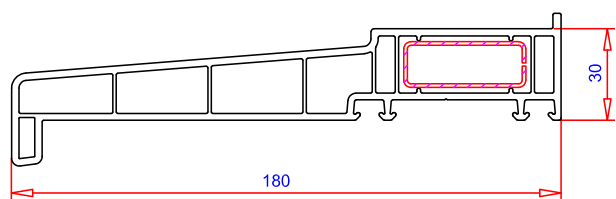
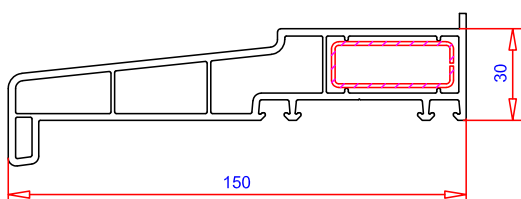
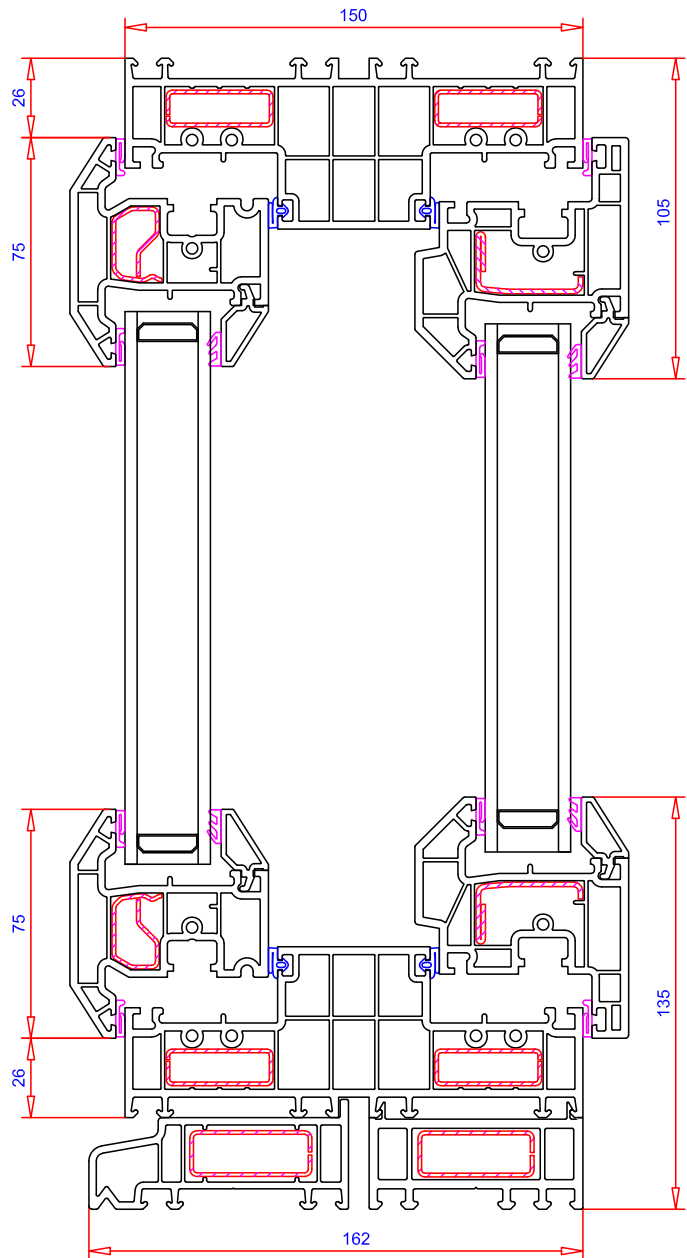
Ancillaries

Range of accessories

Thermal performance**

Achieves U-values as low as 0.62 W/m²K using double glazing

Technical Drawing



* SPECTRAL is only available on bevelled or flat surfaces.

** Figures can vary dependent on specification.

System 10
TwinSash
Window



TwinSash is the only A-rated window for noise reduction

Test Results

Window type	Max sash sizes (wxh)	Air permeability	Water tightness	Resistance to wind	Exposure category
TwinSash	1250mm x 1250mm	Class 4	Class 9A	AE2400	2400+



Features

Maximum sash size

Parallel opener: 1400mm (w) x 1550mm (h)

Outer frames

56mm, 72mm and 84mm outer frames

Mullions

70mm or 95mm mullions

Sash

75mm casement sash

Finishes

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

Glazing beads

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

Ancillaries

Frame extensions, cills and weathering trims
Range of coupling options

Thermal performance**

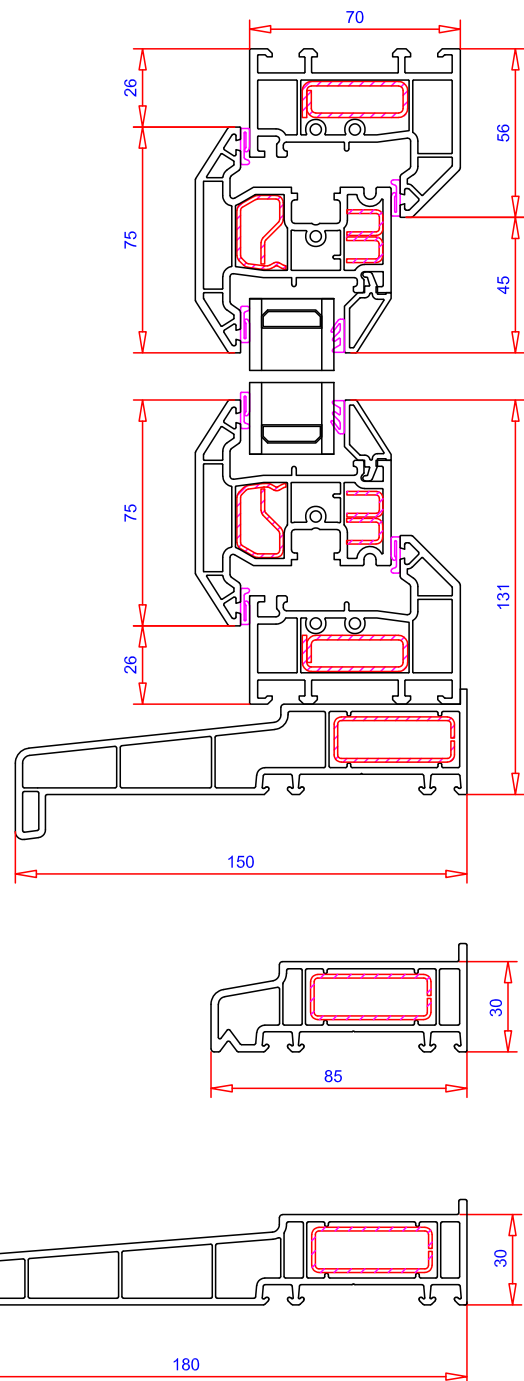
Achieves U-values as low as 1.3 W/m²K
using double glazing

Achieves U-values as low as 0.95 W/m²K
using triple glazing

* SPECTRAL is only available on bevelled or flat surfaces.

** Figures can vary dependent on specification.

Technical Drawing



System 10
Parallel
Opener



Test Results

Window type	Max sash sizes (wxh)	Air permeability	Water tightness	Resistance to wind	Exposure category
Parallel opener reinforced	1400mm x 1550mm	Class 3	Class 8A	A4	1600



Features

Maximum sash sizes

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

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

Outer frames

56mm, 72mm and 84mm outer frames

^as threshold only

Midrail

116mm midrail

Sash

110mm door sash

Finishes

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

Glazing beads

24mm sculptured

24mm bevelled

28mm sculptured

28mm bevelled

32mm sculptured

32mm bevelled

36mm bevelled

40mm bevelled

Ancillaries

Frame extensions, cills and weathering trims

Range of coupling options

Range of bay pole options

Thermal performance**

Achieves U-values as low as 1.3 W/m²K using double glazing

Achieves U-values as low as 1.1 W/m²K using triple glazing

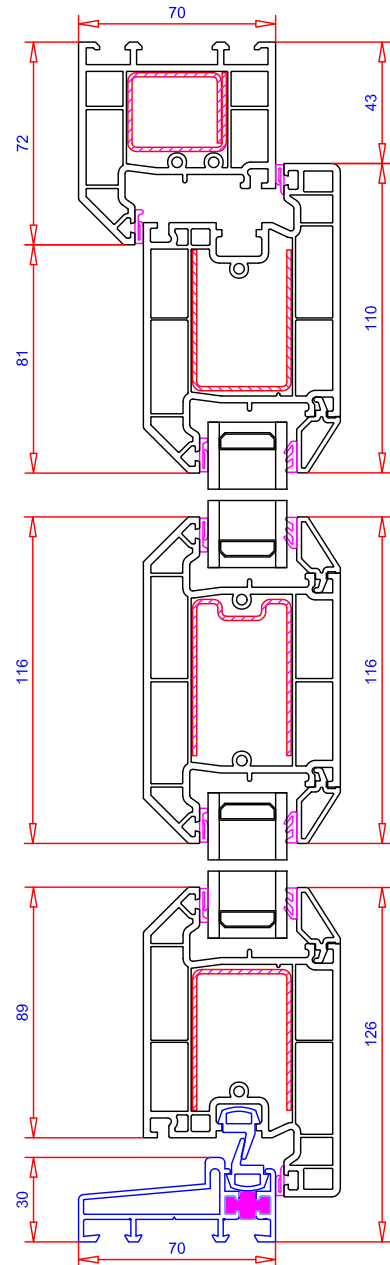
* SPECTRAL is only available on bevelled or flat surfaces.

** Figures can vary dependent on specification.

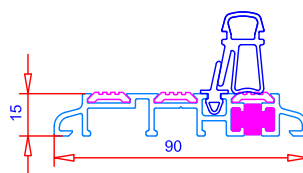
Note 1

Not available on French Doors

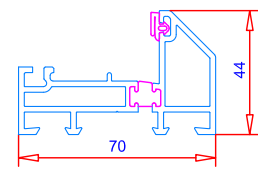
Technical Drawing



See Note 1



Part M Low Threshold
See Note 1



French Door Low Threshold

Specialist
Product

Introducing Fully Reversible Window

This fully integrated multi-bevelled system includes steel reinforcement for superior quality, security and energy efficiency.

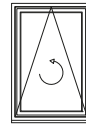
The Fully Reversible window is ideal for multi-story properties. The 180 degree reversible opening mechanism pivots within the axis of the frame without protruding into the room to allow easy, safe and secure cleaning of the external glass from the inside of the property.

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



Products in this section:

Fully Reversible Window





Features

Maximum sash sizes

Fully Reversible: 1400mm (w) x 1400mm (h)

Outer frame

60mm outer frame

Mullions

86mm T & Z mullions

Sash

70mm reversible sash

Finishes

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

Glazing beads

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

Ancillaries

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

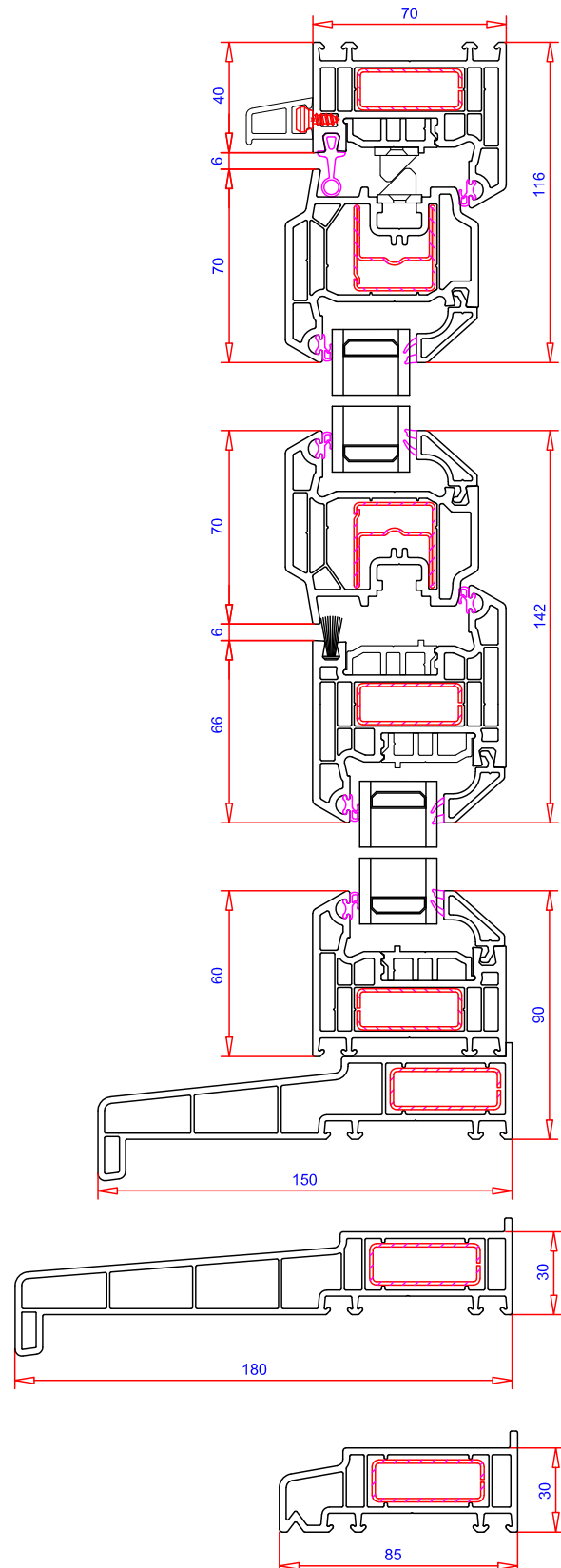
Thermal performance**

- Achieves U-values as low as 1.3 W/m²K using double glazing
- Achieves U-values as low as 0.93 W/m²K using triple glazing

* SPECTRAL is only available on bevelled or flat surfaces.

** Figures can vary dependent on specification.

Technical Drawing



VEKA Specialist
Product
Fully
Reversible
Window



Test Results

Window type	Max sash sizes (wxh)	Air permeability	Water tightness	Exposure category	Exposure category
Top hung	1308mm x 1308mm	Class 2	Class E1050	AE2400	2000+
Fixed light	3000mm x 3000mm	Class 4	Class 8A	AE2400	2000+



Features

Maximum sash sizes

Top hung: 1300mm (w) x 1300mm (h)

Outer frames

68mm outer frame

Mullions

84mm or 100mm mullions

Sash

68mm reversible sash

Finishes

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

Glazing beads

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

Ancillaries

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

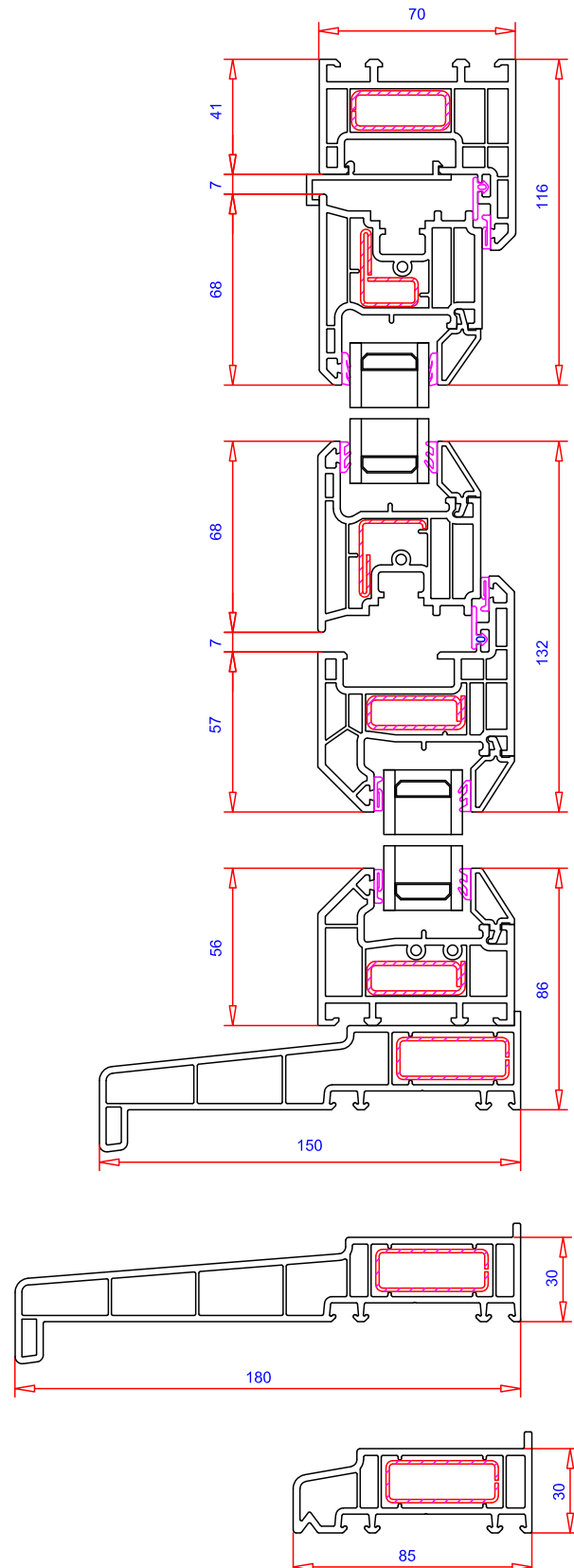
Thermal performance**

- Achieves U-values as low as 1.3 W/m²K using double glazing
- Achieves U-values as low as 0.99 W/m²K using triple glazing

* SPECTRAL is only available on bevelled or flat surfaces.

** Figures can vary dependent on specification.

Technical Drawing



Specialist
Product
Fully
Reversible
Window



Test Results

Window type	Max sash sizes (wxh)	Air permeability	Water tightness	Resistance to wind	Exposure category
Top swing reinforced	1300mm x 1300mm	Class 3	Class E1050	AE2400	2400

Clip- J74 Cill

Clip-on Cills are ideal for use in new build and off-site construction applications, avoiding exposing the cills of windows and doors to damage from on-site conditions and operations.

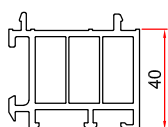
The two-part cill allows the 'nose' to be added at the end of the installation, when there is less going on and the likelihood of it being damaged has been drastically reduced.

Clip-on Cills are available in three sizes and are compatible with the following systems:

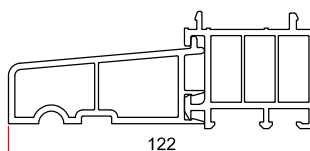
M70
Matrix Fully Sculptured
System 10
System 10 Parallel Opener
Rustique
FlushSash
SmartSash
VEKA Fully Reversible
Halo Fully Reversible

Available in a large variety of colours and woodgrain options from the popular Variations colour range.

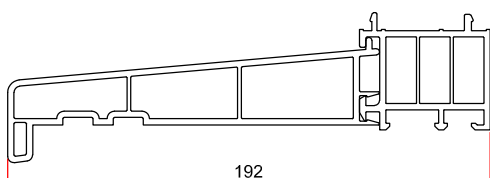
Clip-on Cill



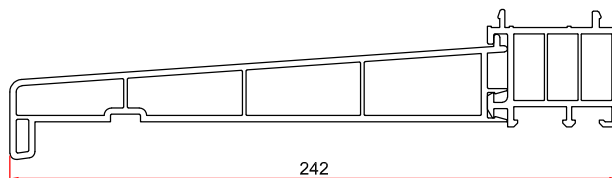
Cill adapter
710340



78mm cill 710305
End cap 709153



148mm cill 710303
End cap 709151



198mm cill 710304
End cap 709152

Responsible *manufacturing*

Our commitment to the community, to the environment and to our people isn't just a box ticking exercise for us; it's something that we genuinely care about. We are still a family owned company, a family who led a pioneering new way to recycle PVCu, who share our success with our communities and believe in investing in the welfare of our people.

We extend our environmental thinking beyond our products too: all our transport routes are carefully planned to cut mileage and reduce emissions in order to make every trip as efficient as possible.

We're very proud to have been awarded the International Standard ISO 50001 Energy Management Systems. This comes as a result of our outstanding energy saving efforts; 2018 alone saw enough energy saved to power 750 average houses for a year.

To show our commitment to the environment, we were among the first in the industry to move away from lead stabilisers in favour of the Calcium Organic alternative, and to be accredited to ISO 14001 (Environmental Management Systems Licence No EMS 59308).

VEKA Recycling

Since establishing its recycling activities in Germany in 1993, VEKA Group has led the way in the collection and recycling of discarded windows, doors, shutters and profile offcuts. VEKA Recycling is our dedicated facility for recycling PVCu window and door profiles. Located at Wellingborough, Northamptonshire, the facility accepts and converts UK virgin and end-of-life windows into re-usable polymer.

An attractive alternative to landfill or incinerators which is simple and convenient, VEKA Recycling provides bins into which any type of PVCu can be thrown; old or new, complete with gaskets, handles and reinforcements. This is then processed and re-manufactured into new products, including window profiles, cills, trims and also a range of products as diverse as cable management and construction products. Rubber, metals and other impurities are separated to enable re-manufacture as part of the most sophisticated process of its type installed anywhere in Europe.

VEKA Infinity

VEKA Infinity combines the highest levels of technology and style that you would expect from a VEKA window system, coupled with an environmental conscience, as Infinity profiles contain up to 80% recycled content, dependent on window style.

Extruded to BS EN12608 extrusion performance standards, Infinity maintains UV stability, cold impact classification and heat reversion to provide the performance of virgin profile, with the social benefits of a recycled product – a must for many projects in the commercial marketplace.



We were the first systems company to establish a closed-loop recycling system

We created the industry's first A-rated window

Our Infinity system was the first recycled window system to be fitted into a domestic property and the first recycled system to be chosen for a large scale social housing project

VEKA Group recycles 100,000 tonnes of PVCu each year



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SIDEY



**FOR NOW
FOR THE FUTURE
FOR LIFE**

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