imagine

Vertical Slider



Modern Performance
Traditional Styling

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form meets function

The Imagine Vertical Slider carries all the beauty of a design classic, combined with the latest industry thinking.

The Imagine range was created to bring the VEKA and Halo range of products closer together, uniting them under a single product offer. So far we have seen the launch of the Imagine Bi-Fold Door and more recently the PAS 24 Patio Door. The latest addition to enhance the Imagine range is our next generation Vertical Slider.

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.

We are also seeing a rise in Vertical Sliders being specified in luxury new build developments, as architects and designers recognise not only the elegance of this traditional style, but also its superior ventilation performance. Colour has been introduced, providing an interesting modern twist and hardware has become an art form, underpinned by an underlying strength and security.

The new Imagine Vertical Slider holds a host of impressive features that not only add to its good looks, but also enhance the performance of the product as well as ease of fabrication and installation. From a fully sculptured 146mm outerframe and sculptured sash, to a co-extruded chamber, to an intelligent approach to coupling, these are just a handful of the many clever details that work together to create the most technically advanced Vertical Slider on the market.

In high *demand*

The Vertical Slider is enjoying a great revival, not just in heritage properties, but as a design choice in modern homes too. This is a promising shoot of growth in the midst of a relatively flat market.

Latest figures show that the sales of Vertical Sliders to the Home Improvement market increased by 32% to now take 10% market share of frames at 443,000 and this figure is predicted to keep rising.*

75% of windows are now replacements of replacements and homeowners are giving more consideration to their choice, willing to invest in enhancing features such as style, hardware and colour.

We are also seeing this trend within our own manufacturing, with over 40% of VEKA Vertical Sliders now foiled and around a third of those foiled both sides.

This brand new product offers all of the options demanded by today's consumer, together with the performance benefits of PVCu, giving you the perfect opportunity to compete in this attractive high value, high growth market.

*Palmer Market Research 2017



Let's start with the *frame*



A sculptured 146mm outerframe and sculptured sash frame provide the look of timber, with all the benefits of PVCu. Balanced, slim sightlines and a square travel stop cover, maximise light and provide an elegant timber-like aesthetic. Whilst the interlock between the top and bottom sash increases weather performance and security, providing customers with peace of mind.

Glazing: 28mm is the standard glazing option, but 32mm can easily be accommodated with alternative beading.



A sculptured outerframe and sculptured sash frame provide the look of timber, with all the benefits of PVCu.



Balanced, slim sightlines and a square travel stop cover, maximise light and guide the eye down the profile.



The option of mechanical joints to both sash and outerframe adds to the timber-like aesthetic.



An interlock between the top and bottom sash increases weather performance and security.



A flush fitting outerframe sits against existing plaster line, eliminating the need for trim or notching of plaster.

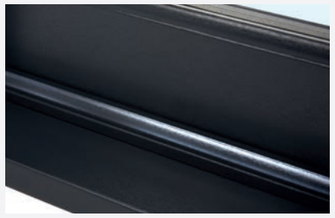
Two choices of *cill*



For a flawless look and a heritage feel, there are two choices of cill, 155mm stub or 200mm, giving your customers more choice. The 200mm cill provides more fitting options such as hanging tiles or deeper cavities. It also removes the need for a frame extension and standard cill combination.







The option of a cill bead not only enhances weather and security performance, it looks great too.

Dream in colour

The demand for laminated product is growing, offering not only increased sales opportunities, but also the case-study type projects we all dream of. The Imagine Vertical Slider has been developed with intelligent features that make the fabrication of laminated product, simpler and more cost effective.

The outer balance chamber is co-extruded in a black finish on all colour combinations, which means there's no need to mask and paint during fabrication. Time is saved, quality defects are reduced and the finish is more durable and professional.

It also makes a striking point of difference, complementing the gaskets and glass bar perfectly, even on a light coloured frame.



When working with a product that has a different colour and / or texture on the interior and exterior faces, the frame infill makes the two meet beautifully.

Clever
little details



Every functional detail has been considered. Tilt arms move freely without the risk of catching the outerframe, due to a greater clearance in the design, that doesn't impact on balance and sightlines.

A square bead makes fitting the cam catch keeps nice and easy.



A coupling nut can be used as an alternative and simpler way to connect profiles. This 'invisible' fixing sits between the outerframe of each window so there's no need to drill through the visible frame. A concealed coupling cover finishes the job off nicely, both inside and out.



When using frame to frame coupling screws, the frame infill can be used to conceal screw heads. Simply remove the frame infill for access.



A complementary bespoke cill coupler has been designed for a precise fit and ease of installation. Also the same reinforcement is used for the outerframe and cill for less stock holding.



Contemporary, classic *or heritage*

After performance, style is paramount. The new Imagine Vertical Slider has a range of optional features to create a contemporary, classic or heritage look, ensuring that the windows remain sympathetic to the building's age and character and increasing the number of applications and sales opportunities.

Sculptured Georgian bars, a choice of sash horn, the option of a deep base rail and the ability to add a woodgrain texture can all be used to create a number of authentic styles. Although there are design constraints associated with a building's exterior and its surroundings, personal style can be freely expressed by choosing a different coloured foil for the interior, complemented by an extensive choice of hardware.

Optional Features



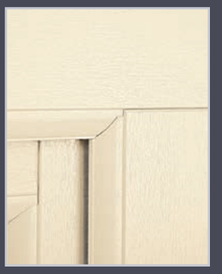
Georgian Bars

Available in two depths: 9mm or 11mm



Deep Base Rail

A deep base rail adds authenticity.



Colour and Texture

Choose from woodgrain textured or smooth colours from our Variations range. Matching mouldings are essential for a professional finish.



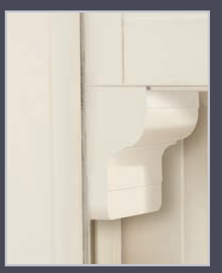
Sash Horns

Run through – flush



Sash Horns

Run through – lipped



Sash Horns

Plant – on



Two types of bay pole can be used; either fixed 90 degree or variable angle, to accommodate a variety of configurations

Classic

Many traditional British buildings include bay or bow windows within their architecture. In creating the Imagine Vertical Slider, ease of coupling has been considered by the introduction of a coupling nut. Two types of bay pole can be used; either fixed 90 degree or variable angle, to accommodate a variety of configurations and the inclusion of two cill options caters for different structures of masonry.

Contemporary

The window's simple, symmetrical appearance lends itself to a contemporary style, perfect for luxury new builds. The co-extruded chamber comes into its own when a two tone window is chosen, (different interior and exterior facing foils), particularly when working with high contrast combinations such as anthracite and white. A black chamber on a cream frame gives a contemporary edge to a traditional design.





With the Imagine Vertical Slider outerframe, you have the opportunity to use constant force balance springs which are competitively priced and allow you to offer shorter lead times

Hardware

A quick release tilt arm and pivot bar arrangement means that you can separate sashes for ease of installation and movement on site. Tilt restrictors limit movement when tilted inwards for easy cleaning. Sash restrictors limit upward movement of the bottom sash for safety, and secured ventilation.

Style

ERA hardware

The combination of high quality balances, gearing and a choice of hardware gives you the option of a standard or PAS 24 compliant security window supported by a lifetime mechanical guarantee. Twin springs provide assisted lift and smooth, easy operation as the dual action of the torsion and tension springs work together to give ERA balances their unique attributes. Beautifully crafted Fab&Fix hardware completes the look, with a choice of over ten perfectly matching finishes you can tailor the window to your specific requirements. Each piece of hardware is engineered for enhanced strength and durability, whatever your style preference and each one is finished in the Hardex coating for exceptional resilience and durability.

Caldwell hardware

Celebrating 130 years in business, Caldwell is one of the world's biggest and most respected hardware suppliers. Caldwell offers a vast and ever-growing product range that includes the highest performing class balances, capable of delivering 85% mechanical lift, as well as an extensive array of spiral balances, hybrid balances and other class-leading components with the option of PAS 24 compliance. Caldwell's outstanding product is backed by 32 engineers with over a century of sash window expertise between them.



High *performance*

Quality and Security

It goes without saying that all our products meet all the expected quality accreditations, but more importantly to us, they also meet the exacting standards of our in-house quality team.

As you would expect, Imagine Vertical Sliders have been rigorously tested to meet the appropriate British Standards for security and weather performance. We have performed these tests using a selection of standard hardware from ERA and Caldwell. Full details of the performance levels achieved will be published on our website after the next Kitemark release.

The Imagine Vertical Slider has been tested to both BS 6375 parts 1 and 2 for weather performance, as well as operating and strength characteristics, together with PAS 24 enhanced security performance requirements. Please contact a member of our Technical Team for test reports.

Thermal performance

The Imagine Vertical Slider is A rated as standard and achieves A+(12) at its top specification. Calculations for U-Values and Energy Ratings are in the table below.

Ask a member of our Technical Team about VEKA Group's window and door energy performance calculator – a BSI notified and BFRC certified tool. The calculator is unique to each fabricator and their products and allows for the generation of accurate SELs/DSELs in accordance with the BFRC and notified U-Values for CE Marking in accordance with EN 14351.

Product Specification	Reinforcement	Imagine Vertical Slider	
Double Glazed Best Rating	Full Steel	A+ (11)	1.4
Double Glazed Best U-value	Full Steel	B (-9)	1.3
Triple Glazed Best Rating	Full Steel	A+ (12)	1.2
Triple Glazed Best U-value	Full Steel	C (-18)	1.1

A+(12)
standard achieved by
the Imagine Vertical Slider
at its top specification

Ex-Stock *colours*

See The VEKA Group Variations colour range for all smooth and textured colour options

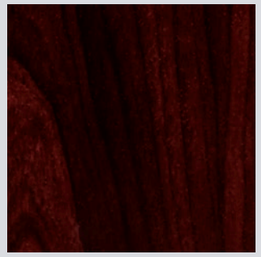
Colour	Sides	Base	Ref	RAL Colour
Anthracite Grey	1	White	Anth	7016
Cream	1	White	Crem	9001
Cream	2	White	Crem	9001
Golden Oak/Chry	1	White	GOak	8001
Golden Oak/Chry	2	Caramel	GOak	8001
Rosewood	1	White	Rswd	8015
Rosewood	2	Brown	Rswd	8015
White	2	White	Whte	9010

All colours have a Black co-ex (RAL 7021).


Anthracite Grey

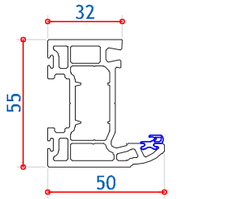
Cream

White

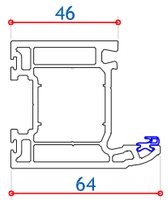

Rosewood


Golden Oak

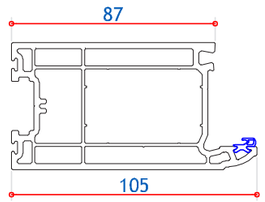
Main components
& Ancillaries wallchart



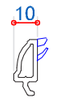
105032
50mm Upper Sash
Steel Box 113020
Aluminium Box 115010



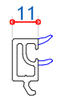
105033
64mm Lower Sash
Steel Box 113314
Aluminium Box 115275



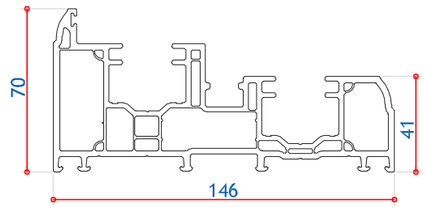
105034
105mm Lower Sash Bottom Rail
Aluminium Box 115287
Steel Box 113020



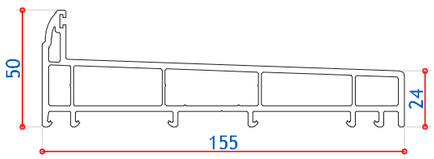
107169
Sculptured Glazing Bead



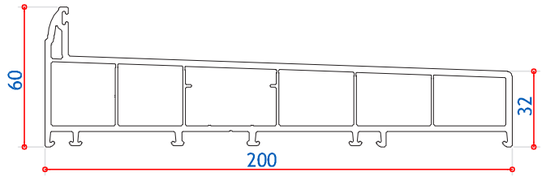
107118
Square Glazing Bead



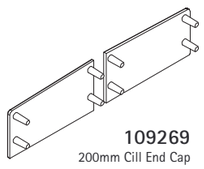
105411
70mm Outer Frame
Steel Box 113073



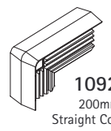
105037
155mm Cill Section
Steel U Channel 113321



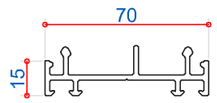
105410 200mm Cill Section
Steel Box 113073



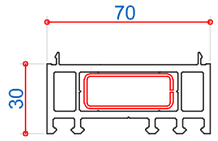
109269
200mm Cill End Cap



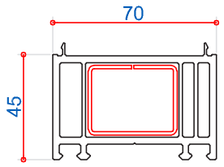
109270
200mm Cill
Straight Coupler



114039 15mm Frame Ext



114014
38 x 15mm Steel Box 113073



114202 45mm Frame Ext
38 x 30mm Steel Box 113271



109603
VS Anti Racking Block



109992
Upper Sash Packing Block



115119
Aluminium Box
Mechanical Joint 15.5 x 8



115120
Aluminium Box Mechanical Joint 31.5 x 26.5



115287
Aluminium Box
Mechanical Joint 47 x 30



105412
Bead Bar



105413
Frame Infill With Brush



105414
Frame Infill Without Brush



112279
3.5mm Weldable Gasket



112369
Bottom Rail Sealing Gasket



112365
8.5mm Brushpile Seal



112361
8mm Brushpile Seal (40mm lengths)

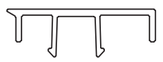


143070
Spring Balance Draught Stop

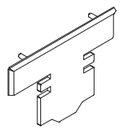


109043
Interlock Infill Bead

105038
Sash Cover/Interlock



105415
Infill Sash Stop



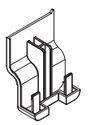
109268
Sash Stop End Cap



109386
Clip In Packer



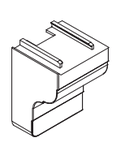
109167
Profile Cover Cap



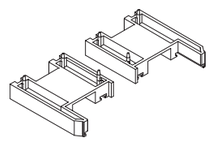
109991
Integrated Sash Horn



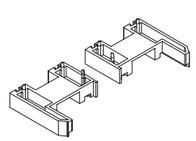
109102
Lipped Sash Horn



109990
Sash Horn Moulding



109996
Mechanical Joint End Cap Lower Sash



109092
Mechanical Joint End Cap Upper Sash



709191
Georgian Bar



709122
Georgian Bar



709189
Georgian Bar



709183
Cruciform Cover moulding for 709189 Georgian Bar

1mm x 16.5mm Tape
(for 20mm Georgian Bar)
744615.000100 White
744615.001000 Black

116030
Concealed Coupler

744703
Coupling Nut

709177
Coupling Nut Cover

744801
Coupling Nut Spanner

Available sizes
175, 200, 250 & 300mm
141428 Frame Fixing Bracket

744540
Rivet Nut

113020
Steel Box
30 x 10

113073
Steel Box
38 x 12

113314
Steel Box
25 x 29

113040
Steel Box
25 x 25

113321
Steel U
Channel 38 x 12

KEY:
- PVC
- Gasket
- Steel
- Aluminium

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Large format wallcharts are available to download from **www.veka.co.uk**

imagine

Our brand began with a vision.

To create inspiring living spaces that enhance the lives of people. Realising the potential of technology to create windows and doors that better lives. For the people that make them, for the people that fit them and for the generations of people that will enjoy them.

imagine is a VEKA Group brand.

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The company cannot accept any responsibility for colours or images shown in this brochure.
All information within this brochure is correct at time of going to print.

VEKA

FOR NOW
FOR THE FUTURE
FOR LIFE