

REV	DATE	DESCRIPTION
01	21.05.20	Materials Conditions Submission

KEY PLAN

INFORMATION

PROJECT  
115-119 Goldhurst Terrace

DRAWING TITLE  
Window Details in Brick Wall

SCALE  
1:10 @ A3

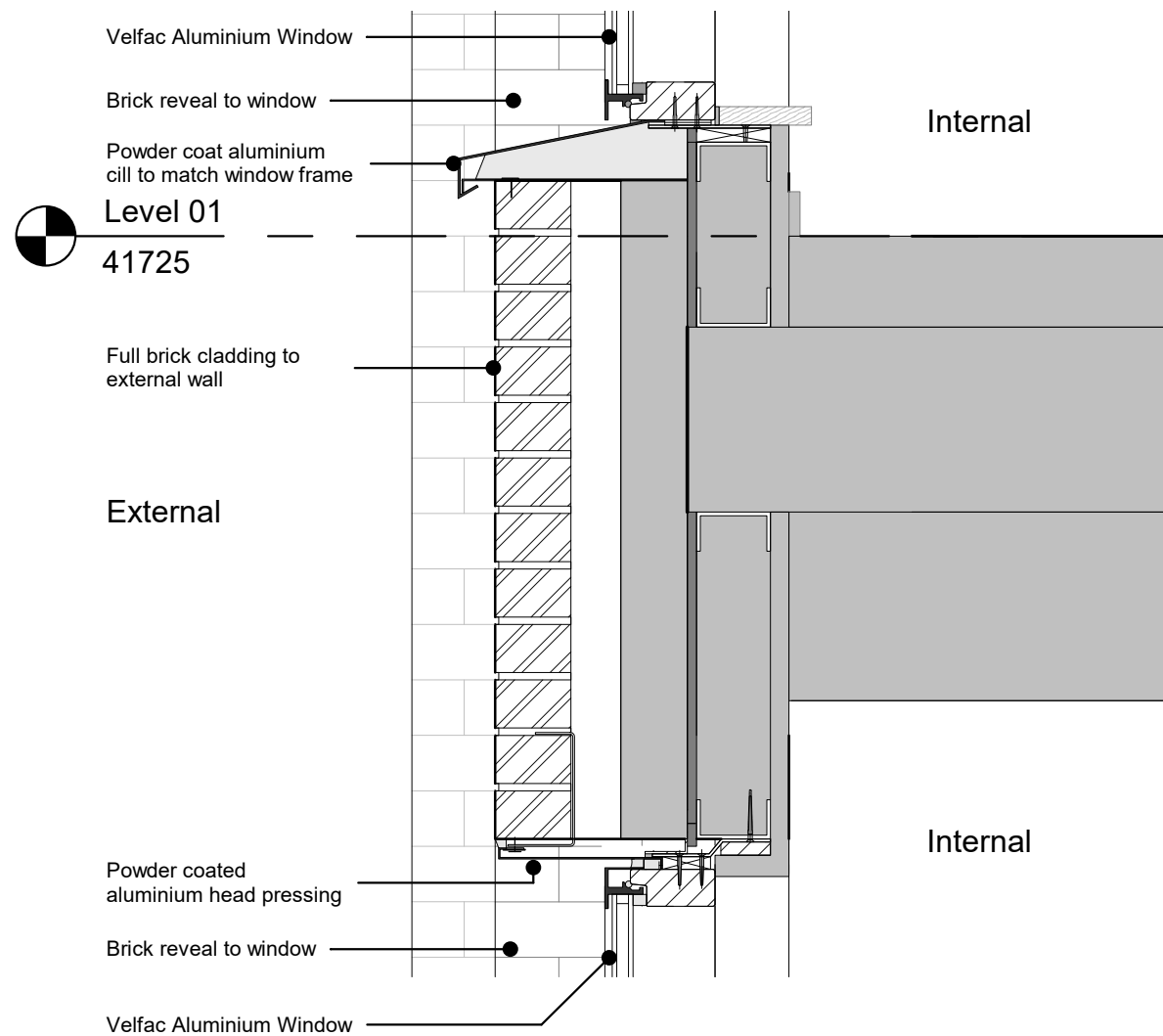
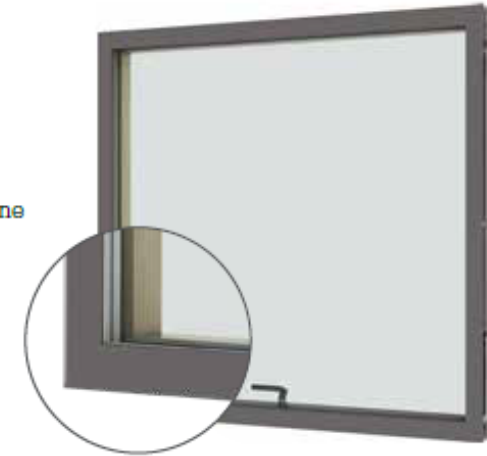
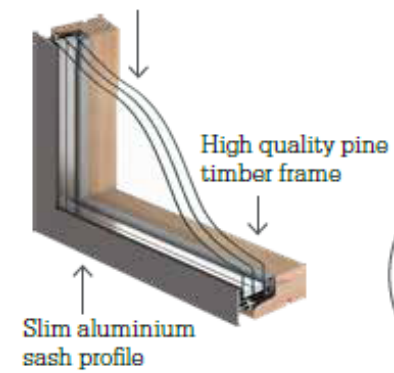
DRAWING NUMBER  
SK-20

PLANNING

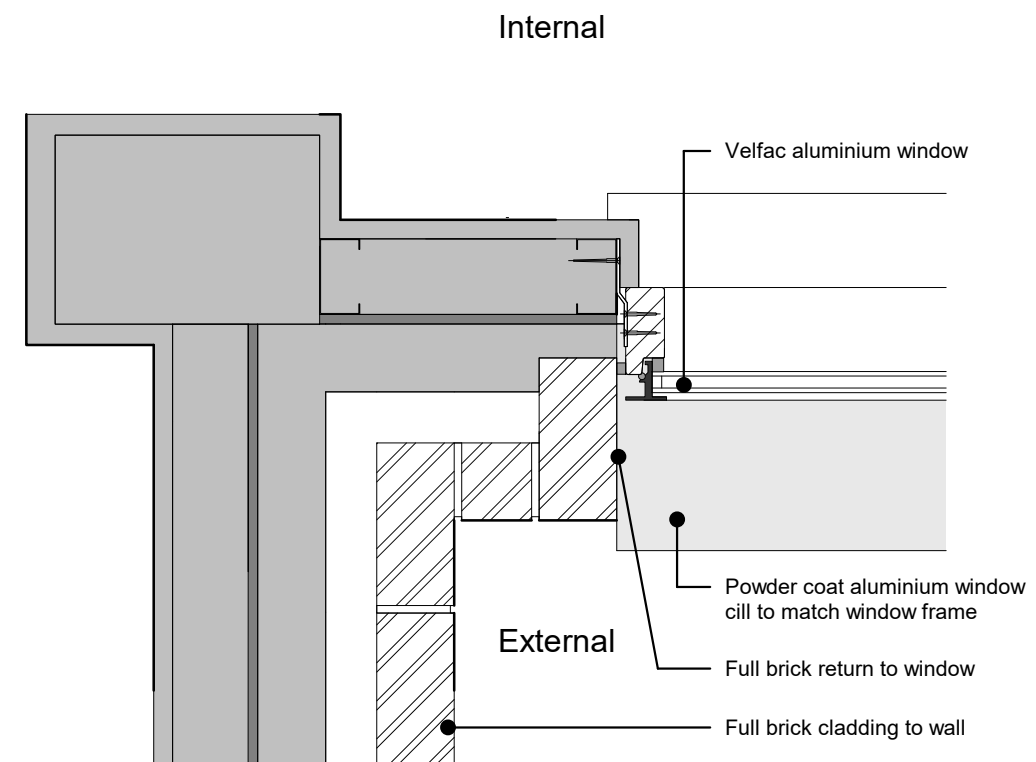
REV  
01

What does a VELFAC composite window look like?

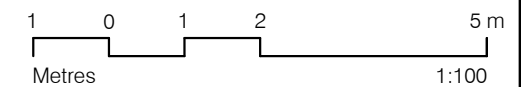
Double or triple glazing



1 | Window Head and Cill Detail in Brick Wall  
Scale 1 : 10



2 | Window Jamb Detail in Brick Wall  
Scale 1 : 10





# WINDOWS FOR LIFE

Bespoke windows and doors for new build,  
extensions and renovations



**VELFAC®**



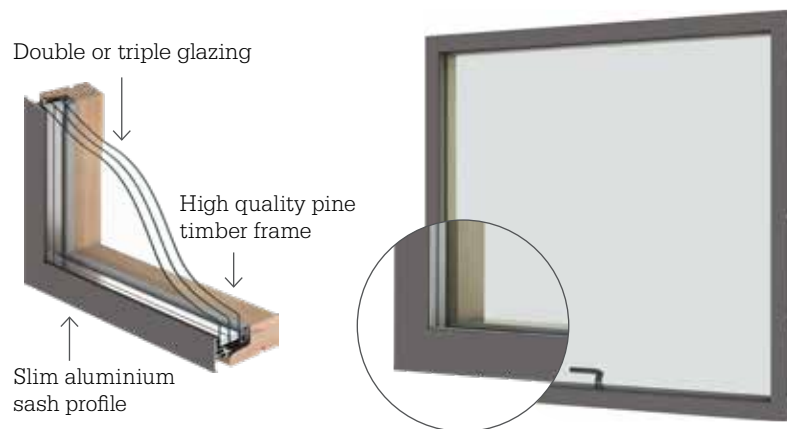


# DISCOVER ALL THE BENEFITS OF VELFAC COMPOSITE WINDOWS AND DOORS

VELFAC offers high quality composite windows and doors that combine low energy performance with elegant and contemporary design.

The VELFAC frame design brings together the best of both worlds - the character of internal wood and the durability and low maintenance of external aluminium.

What does a VELFAC composite window look like?



5 great reasons to choose VELFAC composite windows and doors

## Choose your own window features

All VELFAC windows and doors are tailor made. You can specify size and shape, mix and match hundreds of frame colours, and choose from a variety of handle functions and surface finishes. Choose between click vents or fully concealed electric openers to let in fresh air.

## Save on heating

Windows play a crucial role in reducing a building's energy consumption to the lowest level possible. Save on heating with our energy efficient windows, supplied with low energy glazing as standard.

## Reduce the use of artificial lighting

The VELFAC slim frame design not only looks good but also lets up to 50% more natural light into your home, reducing the need for artificial lighting. Natural light has also been proven to have a positive psychological effect on people who are exposed to it.

## 12 year warranty

We offer a comprehensive 12-year warranty on our VELFAC 200 range and a life time expectancy of up to 50 years. Our composite wood/aluminium windows are practically maintenance free – so put aside the paint brush and enjoy life.

## Feel safe at home

Invest in your family security and feel safe at home. VELFAC offers a range of products certified by Secured By Design, the flagship initiative to 'design out crime' from the Association of Chief Police Officers.



# VELFAC BESPOKE WINDOWS AND DOORS

All VELFAC windows and doors are tailor made so they can be designed to meet your tastes and needs thanks to our bespoke service. Our team of experts is dedicated to meeting all requirements and will offer you the help and advice needed to create a beautiful and stylish property.

The VELFAC 200 system is characterised by elegant clean lines and can also be created in many different shapes. As a result, you can specify a window that suits your building style and architecture or create a feature by combining different shapes and sizes.

Windows and doors retain a uniform appearance, whether they open or not, further enhancing the uncluttered feel optimised by the contemporary design. Not only will you experience more daylight, your home will also have a timeless appearance that you can enjoy year after year.

## Key features

- Tailor made products
- Slim frame
- Timeless contemporary design



## Shaped Windows

Add more personality to your home with shaped windows

# MANY OPENING FUNCTIONS ONE SIGHTLINE APPEARANCE

Fixed, guided or fully reversible... you can specify your window combinations and also how you want them to open without compromising on design.

VELFAC windows and doors all feature a modern, uniform slim frame design, so it doesn't matter which opening function you choose, you will always have the same beautiful sash appearance.



## ► FIXED CASEMENT

Ideal for maximising internal light and making the most of attractive views. Fixed windows have the same slim profile as opening sashes in order to deliver a uniform appearance.



## ► SIDE HUNG

Side hung windows open up to 90°. This allows the windows to fully open, and enables these units to be used as part of a fire escape strategy.



## ► SIDE GUIDED

When opened, the hinge side of the sash moves towards the middle to create an opening that allows the glass to be cleaned from the inside.



## ► TOP GUIDED

When opened, the sash provides a ventilation gap at the head. Adjustable friction ironmongery allows many different choices of opening positions. This is ideal for kitchens or bathrooms where there may be obstructions, such as worktops or taps, as the handle is positioned at the bottom of the window frame.



## ► TOP HUNG FULLY REVERSIBLE

The sash can be rotated up to 170° to allow cleaning from the inside. The window can be reversed to the cleaning position where an automatic catch keeps the window in place.



## ► GLASS TO GLASS CORNER WINDOWS

An ideal way to make the most of external views, without the disruption of corner posts, and to maximise natural light internally.



# DETAILS THAT MAKE THE DIFFERENCE

Mix and match hundreds of frame colours and surface finishes. Choose between click vents or fully concealed electric openers to let in fresh air.

With VELFAC, you can choose the ideal colour for your new windows, and you can specify different colours for internal and exterior frames at no extra cost.



## Key features

- Full range of RAL Colours
- Glossy or Matt
- Granite or Metallic

## ACCESSORIES

Customise your windows and doors with VELFAC accessories.

### Handles:



Standard espagnolette



Espagnolette with child-lock



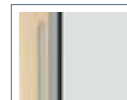
Espagnolette with lock



Espagnolette with cylinder lock

- All espagnolettes can be supplied with a lock and key for extra security or with a child-lock button.

### Ventilation:



Click vent



Standard restrictor



Lockable restrictor



WindowMaster motor

- The fully concealed, anodized click vent helps improve ventilation and the indoor climate.
- Restrictors limit opening of the window to about 50cm. They need to be released before the window can be opened completely.
- The WindowMaster motor can be computer controlled and used in natural ventilated projects or where windows are inaccessible.

### Others:



VELFAC maxi-handle



Acoustic trickle vent

- The warm and non-slip surface of the maxi-handle makes opening the window easier for those with an infirm grip.
- The acoustic trickle vent achieves a sound reduction value without compromising internal ventilation.



# HIGH PERFORMANCE GLAZING OPTIONS

With VELFAC you can not only customise window colour, shape and accessories, but also the ideal glass to meet performance demands and to satisfy privacy needs. Our team of experts can advise on the best glass options for your home.

## ■ VELFAC STANDARD

Provides a light, pleasant interior and a clear view of the external environment. Choose between double or triple glazing depending on the age of your home or your energy efficiency needs.

## ■ VELFAC SOUND

Effective glazing is fundamental to noise control – VELFAC SOUND glazing provides a range of strategies for acoustic control without compromising the beauty of the VELFAC frame.

## ■ VELFAC SUN

Is designed to reduce solar gain and glare, and is ideal for south or west facing facades, or large areas of glass. VELFAC SUN reflects up to 60% of the sun's heat while allowing plenty of natural light to enter the interior.

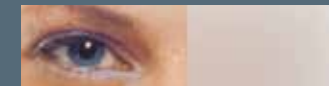
## ■ VELFAC SAFETY

Choose VELFAC SAFETY glazing in areas where glazing is at risk from human impact (safe breakage) or where glazing is required to form a physical barrier between levels (containment).



## ■ VELFAC DÉCOR

opaque glass can be used in areas where privacy is required. It is available in five different designs: Satin, Pacific, Carré, Cotswold, or Matt Lam (glass laminated with a matt foil to give a sandblasted appearance).



Satin



Pacific



Carré



Cotswold



Mat Lam



# BRING THE OUTSIDE IN WITH VELFAC DOORS



If you want to make more of your outside space, enhance a fabulous view, or simply maximise natural light, VELFAC doors provide beautiful, secure and flexible solutions.

Multi-point locking brings peace of mind, and ensures the door closes tightly, eliminating draughts. Door construction also delivers excellent low energy performance.

VELFAC doors are the ideal complement to your VELFAC windows. Finished to match frame colours, inside and out, a VELFAC door features the same uniform sightlines that make VELFAC windows so distinctive, allowing a seamless transition from door to window.

Install VELFAC doors on their own, or with VELFAC window units to create stunning entrance features to add character and style to your house.





### Casement Doors

- The casement door may be used as an exit to a garden, balcony or terrace, for example from a living room or bedroom. The door can be divided by glazing bars or infill panels chosen to complement the overall building design.



### Sliding Casement Doors

- The sliding door takes up very little room and is specially designed for narrow terraces and balconies to optimise the space available. VELFAC sliding doors are available with standard (72mm) or low (25mm) threshold.



### Bi-fold Doors

- If you want to make more of your outside space, enhance a fabulous view, or simply maximise natural light, the VELFAC bi-fold door provides a beautiful and flexible solution.









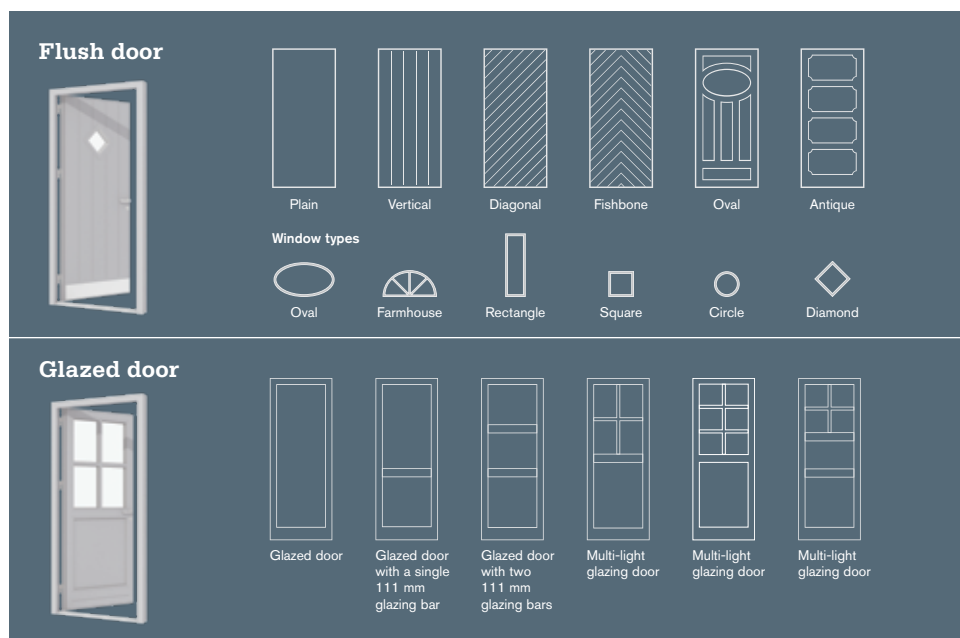
# WELCOME HOME

A front door is your home's face to the outside world. It gives it personality and a distinctive touch. A VELFAC door combines contemporary style with all the high performance features you would expect of a door built to VELFAC standards.

VELFAC access doors are available in two types:

- **Flush doors** – constructed from wood and aluminium, flush doors are available in a number of external designs and can incorporate a range of glass apertures. External profiling can also be specified for added detail and interest.
- **Glazed doors** – also featuring a wood and aluminium construction, glazed doors provide maximum daylight. They are available in a wide range of panel configurations - and glazing bar options – resulting in an impressive variety of glazing designs.

## ■ inspiration / door combinations:





# LET ENERGY IN – AND SAVE ON HEATING

VELFAC windows are specifically designed to generate more energy than they lose – reducing heating bills and CO<sub>2</sub> emissions.

Our most energy efficient composite windows meet the energy requirements of today and tomorrow by actively generating more energy within the home – in the form of light and heat – than they lose. Ideal for all types of houses, both low carbon and traditional, VELFAC energy efficient windows feature low-energy glazing as standard, as either double or triple glazing.

VELFAC 200 ENERGY is triple glazed to maximise energy efficiency. You can easily combine it with the double glazed VELFAC 200 window system without any visible difference to your façade.

Our windows can reduce your heating needs while also helping maintain a better indoor climate, saving potentially hundreds of pounds in energy bills.

## Key features

- Reduce your energy bills
- Shrink the carbon footprint of your house
- Improve indoor climate and quality of life



HIGH PERFORMANCE  
GLAZING IS STANDARD  
WITH VELFAC





WINDOWS AND  
DOORS WITH  
HIGH ENERGY  
PERFORMANCE



# LET DAYLIGHT IN

VELFAC is characterised by slim profiles which give your home an elegant look and let in more light.

VELFAC windows and doors combine beauty, strength and function with an unrivalled focus on detail. Our signature frame is both slim and elegant, a design which not only looks good but which also lets significantly more natural light into your house than a traditionally styled alternative, increasing the feeling of light and space within a room.

This natural light reduces the need for artificial lighting and encourages a feeling of well-being, and can have a positive impact on the apparent size of the interior.

Even smaller rooms can appear larger if they have an ample supply of natural light.

## Key features

- Slim frames
- Up to 50% more daylight entering the interior
- Uniform appearance, regardless of opening function



► Conventional window



► VELFAC 200

# LONG LIFESPAN LOW MAINTENANCE

All it takes to maintain our windows is regular cleaning and oiling once a year! VELFAC windows are virtually maintenance free, and have an expected lifetime of up to 50 years.

Once installed, a VELFAC window virtually takes care of itself, and only needs regular cleaning with soap and water and oiling of the hinges and handle once a year.

We are so sure about the quality and durability of our products **that we offer a comprehensive product warranty of 12 years** for our windows and casement doors and 5 years for our entrance and bifold doors. This covers all aspects of the units including the frame, glass, handle mechanisms and seals.

## Key features

- ▶ No need to paint
- ▶ A lifetime of up to 50 years
- ▶ 12-year warranty



THE WOOD USED  
IN VELFAC  
PRODUCTS IS FSC®  
CERTIFIED, SOURCED  
FROM NORTHERN  
EUROPEAN FORESTS







## INVEST IN YOUR FAMILY SECURITY

New windows are a big investment and it is important that you know that the windows you choose will offer the best protection possible. It's all about security by choosing windows that minimize the risk of unwanted guests.

VELFAC window frames are proven to be safe and secure.

For example, VELFAC window construction reduces the risk of forced entry by placing glazing beads on the inside, with the result that glass cannot be removed from the outside.

## FEEL SAFE AT HOME

VELFAC offers a range of products certified by Secured by Design, the flagship initiative to 'design out crime' from the Association of Chief Police Officers (ACPO).

To gain Secured by Design accreditation, VELFAC windows have met stringent security standards with the result that VELFAC products have been awarded 'Police Preferred Specification' status.

This requirement is designed to ensure windows and doors resist physical attack by a casual or opportunist burglar by being sufficiently robust and fitted with appropriate hardware. The testing process consists of attempted forced entry using common burglary tools, plus a mechanical loading of the windows and door to gain entry.

### Secured by Design



### Official Police Security Initiative

#### Key features

- 'Police Preferred Specification' status
- Feel safe in your own home
- Reduce the risk of forced entry

# VELFAC AND VELUX WINDOWS FOR YOUR ENTIRE HOME

Sister companies VELFAC and VELUX provide window solutions for the entire house – from wall to roof.

VELFAC and VELUX supply their complementary ranges of high-quality windows to customers across the globe. Both are subsidiaries of VKR Holding, the worldwide group of companies dedicated to the supply of products and materials designed to bring daylight, fresh air and a better environment into people's everyday life.

Together, VELFAC and VELUX design and manufacture an extensive selection of stylish, high quality products which can transform both contemporary and traditional homes.

Windows from VELFAC and roof solutions from VELUX combine to bring light and energy into the home, while the wide variety of shapes, sizes and styles available complement and enhance the beauty of any building.



## VELFAC ON DISPLAY

Come and see VELFAC windows on display – and meet representatives of the VELFAC team at the following venues:

### ► Kettering

VELFAC Direct  
1400 Montagu Court  
Kettering Parkway, Kettering  
NN15 6XR  
T: 01536 313552  
(Please call for appointment)

### ► Swindon

Visit our permanent display at the National Self Build & Renovation Centre in Swindon.

National Self Build &  
Renovation Centre  
Lydiard Fields  
Great Western Way, Swindon  
SN5 8UB  
T: 0845 2234455  
www.nsbrc.co.uk  
(The centre is open from 10am-5.30pm from  
Monday to Saturday except Tuesday)

### ► Glenrothes

In co-operation with VELUX, VELFAC systems are on display at the VELUX Showroom in Glenrothes.

### VELUX

Woodside Way  
Glenrothes, Fife  
KY7 4ND  
T: 01592 778 225  
(The centre is open from 9.00am - 4.30pm Monday  
to Thursday and 9.00am - 4.00pm on Friday)

VELFAC and VELUX also attend various exhibitions throughout the UK. For the full list of exhibitions and to get a free ticket please visit

<http://velfac.co.uk/exhibitions>

# CONTACT VELFAC

VELFAC Direct LTD

T: **01536 313 552**

F: 01223 897 101

E – Sales Enquiries:

**directestimating@VELFAC.co.uk**



## LOOKING FOR NEW WINDOWS? Follow 5 easy steps.

### ASK FOR A QUOTE:

Ask us for advice and a no obligation quote. You can get in touch with VELFAC by phone, web, email or visiting our showroom.

### SPECIALIST ADVICE:

A member of the VELFAC Sales team will contact you to offer guidance regarding the best option for your project in terms of energy, acoustic and security features.

### PLACE YOUR ORDER:

When you are happy with your specification, pay only 10% of the total cost to secure your order.

### MANUFACTURE AND DELIVERY:

The VELFAC Post-Order Team will then progress your order – manufacture and delivery takes between 9 and 12 weeks.

### INSTALLATION & WARRANTY:

Your new VELFAC windows will arrive with a comprehensive product warranty, and you can manage installation yourself or use a VELFAC Approved Joiner. If you use one of our Approved Joiners, installation is then guaranteed for 6 years.





The mark of  
responsible forestry  
FSC® C101947



VELFAC Direct  
1400 Montagu Court  
Kettering Parkway, Kettering  
NN15 6XR  
T: 01536 313552  
F: 01223 897101  
E: [post@VELFAC.co.uk](mailto:post@VELFAC.co.uk)  
W: [www.VELFAC.co.uk](http://www.VELFAC.co.uk)



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