

# Windows for life



➤ Bespoke windows and doors for  
new build and extensions

**VELFAC®**  
WINDOWS FOR LIFE



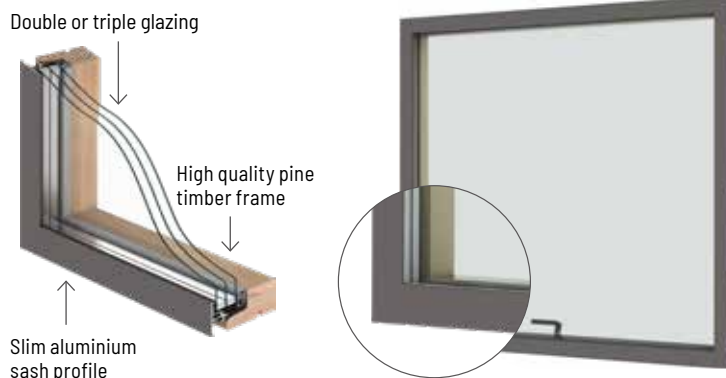
# Discover all the benefits of VELFAC composite windows and doors

## What does a VELFAC composite window look like?

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

Inside the frame the glass panes are separated by a cavity filled with argon - which has an insulating effect.

The combination of our windows elements, insure optimal energy performance and life expectancy of up to 60 years.



## 5 good 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 windows and a life time expectancy of up to 60 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.

# 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.



Technical information about VELFAC windows and doors

### Opening functions

#### > 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.



#### > 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.



#### > 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



#### > 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.



#### > 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.

With VELFAC, you can choose the ideal colour for your new windows and you can specify different colours for internal and external frames.

The external frames can be finished in any RAL colour, granite or metallic. VELFAC Standard RAL colours come at no additional costs.

## VELFAC standard colours\*



\*Overview of RAL standard colours:  
All colours are available in gloss and matt finish.  
Wood = standard colour available for internal wood also

## Key features

- > Wide range of standard colours
- > Granite or Metallic available as special finish options



# 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 Decór

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

# Let daylight in



➤ Conventional window



➤ VELFAC 200

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



A kitchen window with a view of a stable and a white horse. The window is part of a modern kitchen with a white countertop and a sink. The view outside shows a wooden stable building, a white horse, and a person standing next to it. The text "Let energy in - and save on heating" is overlaid on the left side of the window.

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.





High performance glazing  
is standard with VELFAC.



#### Key features

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



The wood used in VELFAC products is FSC® certified, sourced from northern european forests.

## 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 60 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 5 years for our casement, entrance and bifold doors.

### Key features

- > No need to paint
- > A lifetime of up to 60 years
- > 12-year warranty on windows



> Our windows and doors are tested to the extreme - watch our video

# Invest in your family security



VELFAC window frames are proven to be safe and secure.

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 uninvited guests.

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



More info about VELFAC Secured by Design product range



The mark of responsible forestry  
FSC® C101947

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