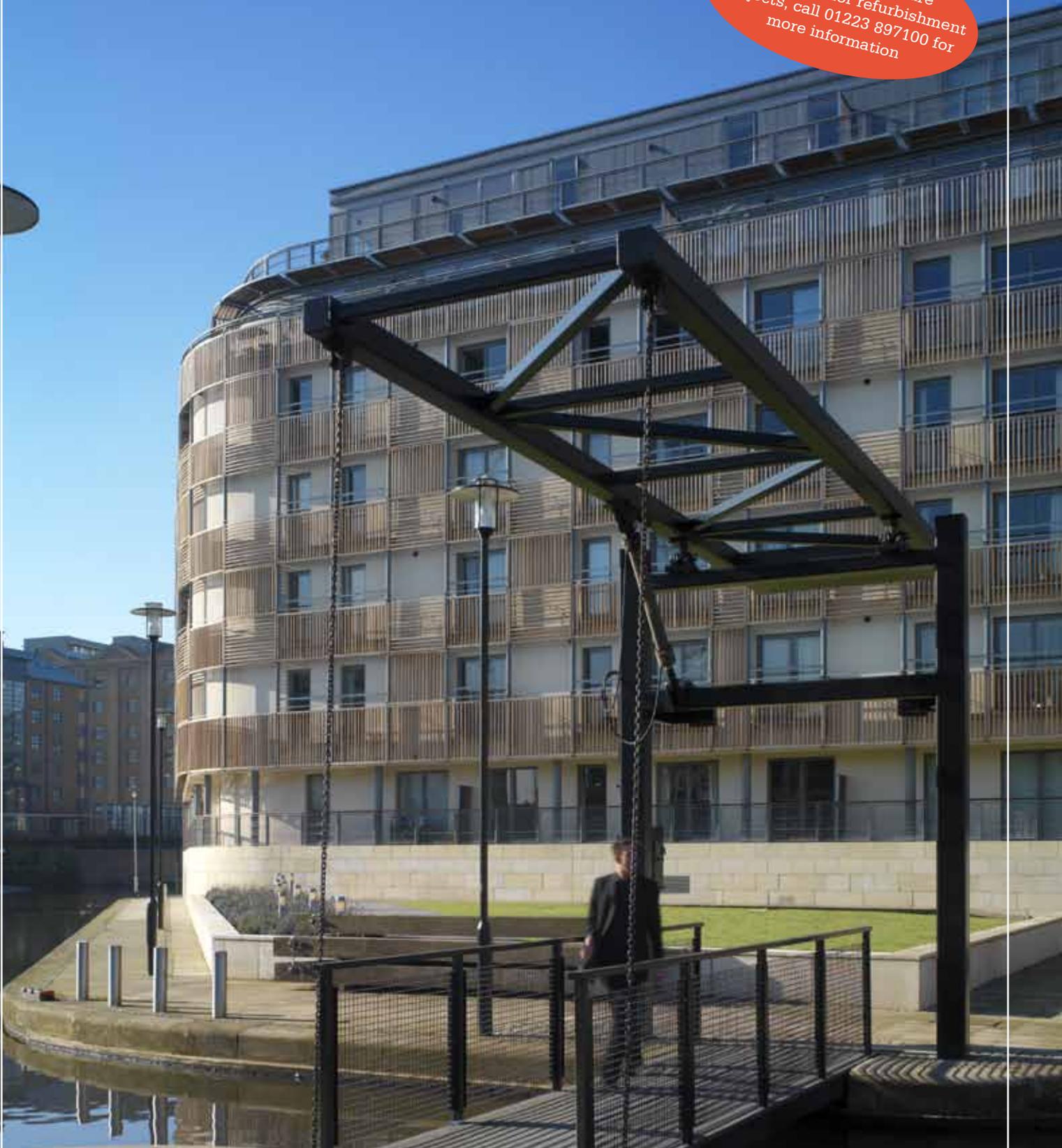


WINDOWS FOR LIFE

VELFAC windows are  
now available for refurbishment  
projects, call 01223 897100 for  
more information



**VELFAC** windows  
Design with confidence

**VELFAC**®



● St Wilfrid's Catholic School, Crawley  
● Cover - Vantage Quay - part of the regeneration of Piccadilly Basin, Manchester

# Form and Function

A window is a contradiction. It lets in air and light, yet also keeps in warmth. It must be easy to open, yet still remain secure. It provides a focal point, yet we want to look straight through it. The ideal window meets all these needs in one, stylish unit, which demonstrates quality in every aspect - in the clarity of the glass, the solidity of the frame, and the effortless glide of its opening movement.

**Design and industry expertise.** VELFAC glazing embodies both leading edge design and years of industry expertise. Our composite aluminium and wood framed windows are ideal for the architecture of today. Meeting and exceeding standards for energy use and security, VELFAC windows also offer slim sightlines embodied in a frame which requires almost minimal maintenance. A VELFAC window immediately delivers the highest quality, and will continue to do so for the rest of its life.

**Timeless design is priceless.** Whether in a ribbon run, window wall or as a single unit, VELFAC windows can provide a component to contemporary styling. Such versatility is an important asset and will add value to any building for decades to come.

Secured by Design

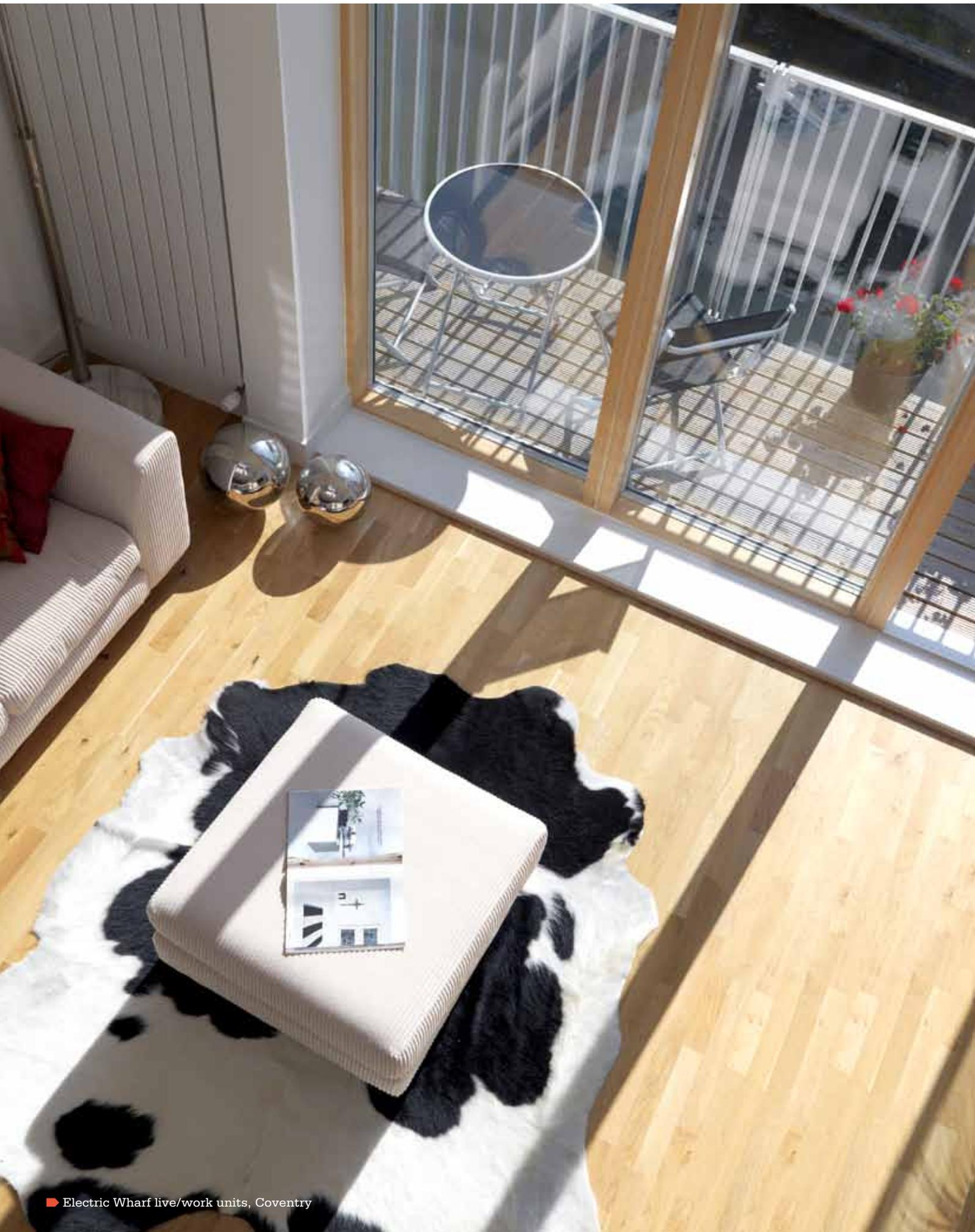


Official Police Security Initiative

► VELFAC has contributed to the learning environment in more than 600 schools across the UK.



► St Wilfrid's Catholic School, Crawley



Electric Wharf live/work units, Coventry

# Light for Life

The slim, elegant sightlines of a VELFAC window provide brighter interiors than a traditionally styled alternative, increasing the feeling of light and space within a room. This natural light 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. Extended views of the interior help to create the impression of space, and larger, wider views of the outside, connects us with the environment beyond. Simply by opening a window, you can bring in the sights and sounds of the outside world.

**Natural warmth.** Sunlight also complements natural wood. The signature VELFAC pine frame adds warmth and texture to the interior, whether the finish is a clear lacquer or paint. The combination of the internal wood frame and high performance low-energy glazing guarantees inner warmth, peace and quiet. And while relaxing, you can be reassured that all our timber is sourced from sustainable FSC or PEFC certified sources.





St Peter's College, Sunderland

# Realise Your Vision

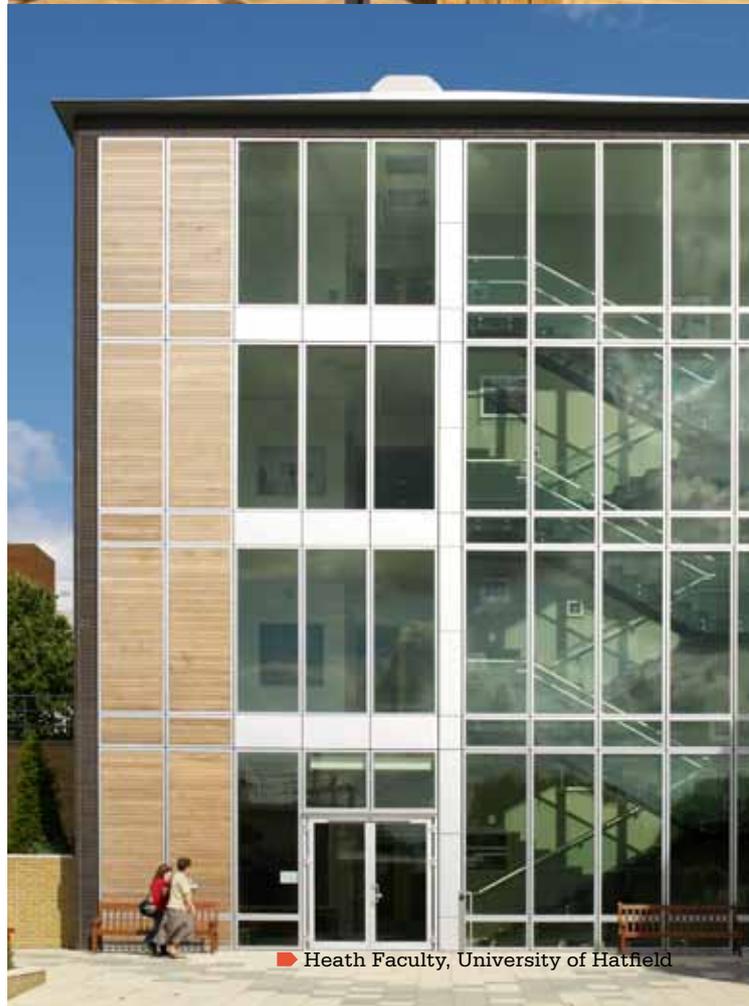
The VELFAC System invites architects to be as daring and imaginative as they wish. Dramatic architectural features or facades can be achieved by skilfully combining windows and panels. Striking variations in size, shape, colour and texture are realised, when the full flexibility of the system and array of materials is exploited.

**Stunning glazed features**, such as window walling, entrance halls, atria or stair wells, can be created, as opening and fixed lights have identical sightlines. Because our windows and screens are made using the same system, the visual appearance of all glazing in a project is maintained, providing a coherent aesthetic for the whole development.

**VELFAC panels** allow the opportunity to create entire facades with a particular feel or aesthetic. Use aluminium, enamel glass, laminate boarding, or cedar to provide a contrast to the glazing, or glazed look-alike panels to create visually unbroken screens.



▶ Ashburton Court refurbishment, Winchester



▶ Heath Faculty, University of Hatfield



Electric Wharf, Coventry - conversion of Victorian power station to offices and apartments

# Making more of refurbishment

With budgets under ever increasing scrutiny, refurbishment can offer a more cost effective method of delivering updated buildings. Using modern materials and techniques, renovation and refurbishment can deliver significant benefits and cost savings, meaning old - and not so old - buildings can be given a new lease of life.

**Refurbishment and renovation is a specialist field.** No two projects are alike - from the updating of a well used school or hospital facility, to the transformation of our Victorian industrial heritage into residential, leisure or retail spaces. Whatever the project, windows are often fundamental to success, revitalising internal and external finishes. Making the most of original architectural features becomes simple as VELFAC windows are manufactured to order, but this is just as relevant when simply replacing like with like, as no structural adjustments are needed to accommodate the new glazing.

**Making a real difference.** When replacing your old windows with VELFAC, you should expect an improvement in heat retention and energy efficiency, but we can also help to dramatically improve acoustic insulation, natural light, and reduce maintenance commitments.

**Bespoke service.** In order to ensure all refurbishment projects go as smoothly as possible, we carry out simple pre-order surveys to assess the existing windows, and a detailed post-order survey to qualify structural openings and strength. Detailed window specification - including window size, opening functions, glass type, finishes and fittings - and the particulars of delivery and installation are then agreed. We can then provide a sample window installation to ensure the specification and aesthetic is perfect.

► For more information about refurbishment and renovating projects, please call 01223 897100.



► After renovating

► Before renovating



After renovating - Ashburton Court refurbishment of 60s office building, Winchester



Before renovating



● Royal Holloway student accommodation, University of London



St. Anne's Care Home, Stoke Newington

# Affordable Quality

A low-maintenance long life is the best evidence a window can give of value for money. Reducing the maintenance and replacement requirements offers real savings over a building's life. Once installed, a VELFAC window virtually takes care of itself - all it needs is regular cleaning, and oiling of the hinges and handle once a year. The sash won't need painting or replacing during its working lifetime. This inherent durability also results in a window which is built to last - VELFAC windows have been assessed by leading construction industry consultants and a 40-50 year design life is expected, representing genuine value for money.

**Tried and tested.** Millions of VELFAC windows are installed across Europe and thousands of people test them every day. Despite our highly successful track record, we maintain a demanding testing programme to ensure our windows continue to satisfy all necessary regulatory standards. Through this regime and as clear evidence of the confidence we have in our products, we offer a comprehensive 12 Year Warranty - this confidence is based on sure knowledge that the materials used are of the highest quality and that our window construction is proven.





● The BREEAM Excellent rated Dragonfly House now occupied by DEFRA



## Peace of Mind

VELFAC recognises the need to limit our impact on the environment, and this philosophy lies at the heart of all that the company does. Making a choice of window can depend on many things, but we believe the major environmental considerations are as follows:

**Reduced energy consumption.** Our homes account for 27% of the total UK CO<sub>2</sub> emissions, and 52% of total UK energy consumption is directly attributable to buildings\*. Products used in the building fabric can significantly improve energy efficiency, and reduce running costs. Specifying windows with low U-values is the first part of your decision and VELFAC can reach U-values as low as 0.9W/m<sup>2</sup>K.

**Responsibly sourced materials.** It is then essential to consider how your windows are made, and what they are made from. VELFAC is committed to the use of raw materials from sustainable sources, maximising the use of recycled materials, and minimising the use of energy from non-renewable sources. For example, wood is sourced from FSC or PEFC accredited suppliers, 50% of the aluminium used in the production of VELFAC profiles comes from recycled sources, 85% of which is produced using hydro-electricity.

VELFAC windows can contribute to the environmental credentials of your project in many ways. For a copy of our Environment Statement, please visit [www.VELFAC.co.uk/Global/Environment](http://www.VELFAC.co.uk/Global/Environment) or call us for advice.

\* Source: BRE Green Book Live



■ The Innovation and Business Base (IBB), Butterfield Park, Luton

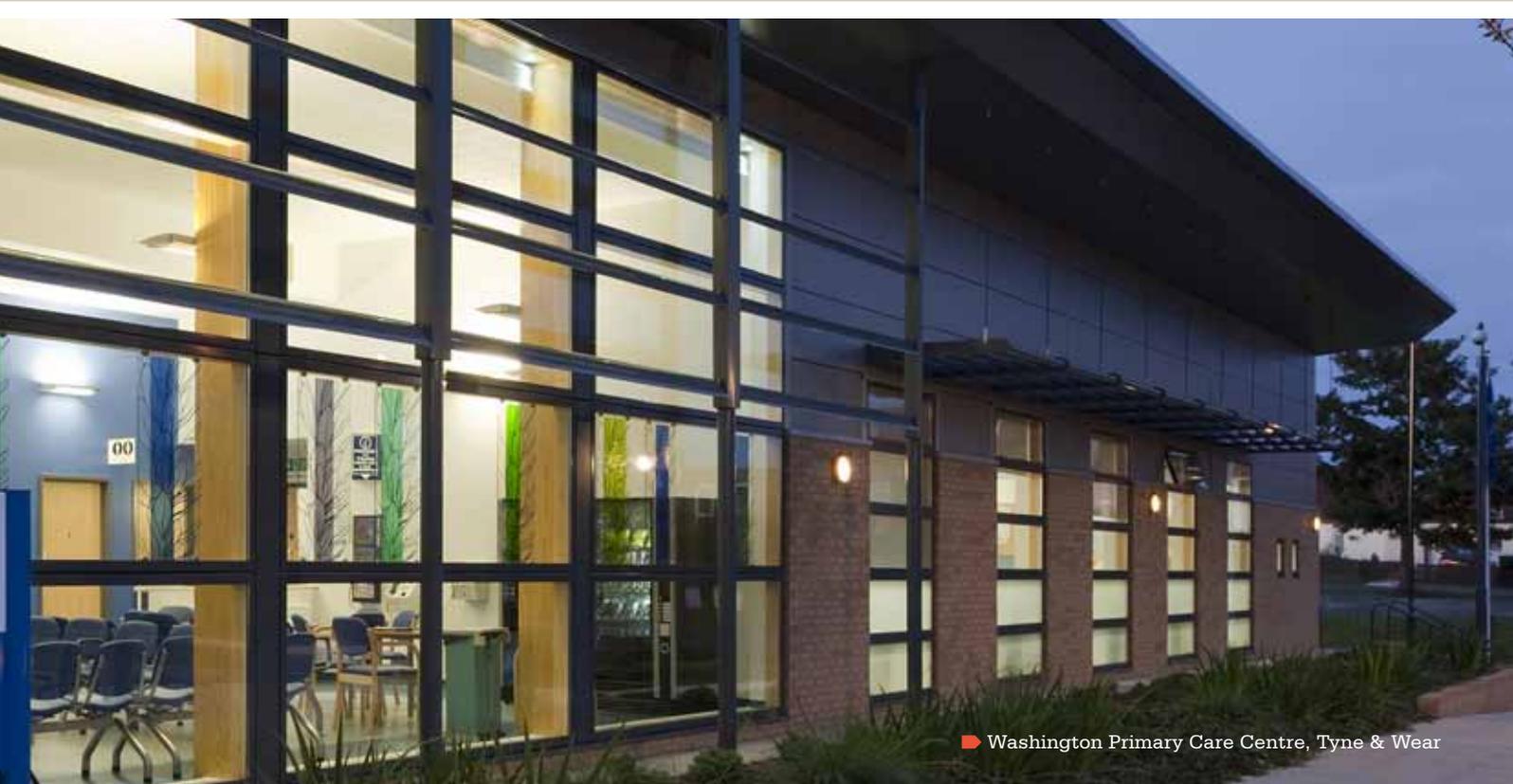
# Confidence in Experience

The VELFAC brand stands for more than just a window - it represents expertise and dedication to customer service. By deciding to choose a VELFAC window, our customers also receive expert advice on many design and installation issues. You can rely on dedicated support during the building phase, support which continues post-installation to ensure the windows keep their promise to deliver the highest quality over their life.

**Tailored advice.** Whether an educational building, residential development, office complex, or specialised facility such as a hospital, VELFAC experts understand what is required, helping architects to deliver their vision to the client. We can offer project specific guidance to maximise the benefits of your glazing and facades including:

- Thermal data for all window units and area weighted U-values for the whole project
- Natural ventilation including free air and dynamic free air calculations
- Acoustic solutions and supporting test documentation
- Solar control glazing and glass technical data sheets
- Structural engineering calculations where required
- Optimised window and entrance door security

**CWCT Partners.** As window and facade experts, VELFAC contributed to the CWCT Automated Facades Workshop and is a regular sponsor of its activities.



Washington Primary Care Centre, Tyne & Wear





# A Committed Partner

Quality and progression are part of our core values and are essential in the production of VELFAC windows and the service that we provide - from help with design, the logistics of packing and delivery, through to detailed project specific advice about window installation. These values also prove fundamental when forming long-lasting partnerships with our customers and suppliers.

Each individual project has a dedicated team to ensure that every aspect runs as smoothly as possible, and we have a highly skilled and experienced team in place that can provide support should any difficulties arise.

**After sales service.** A wide range of modifications and repairs are possible through VELFAC Customer Service, and all windows carry a unique identity tag to enable immediate tracing of spare parts. Our Service Engineers undergo a comprehensive training programme that equips them with interpersonal and problem solving skills, and in depth product knowledge.

We hope that our customer support team does exactly that - supports customers whatever their need, at whatever stage of the building process.



Back page - Anchor Iron Wharf, Greenwich London - new build residential



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 Official Police Security Initiative



Call or e-mail for a sample or full product catalogue

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