



Royal Exchange, Kingston

ADVANCED **COMPOSITE** WINDOW SYSTEMS

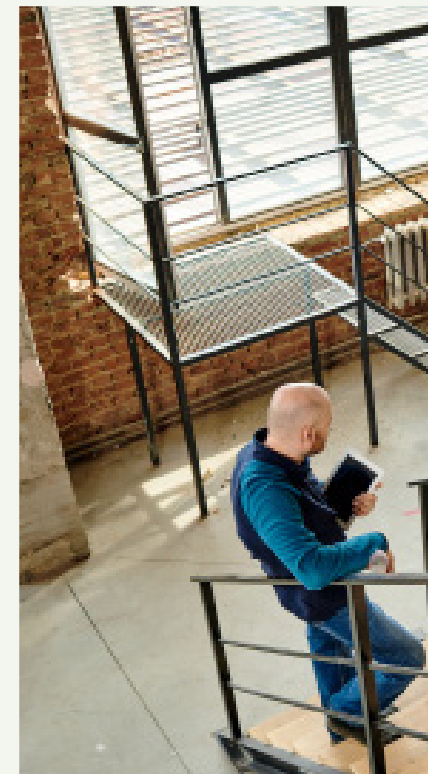
COMMERCIAL APPLICATIONS

ADVANCED COMPOSITE MATERIAL

The Leiab window is constructed from bonded aluminium and pine, a strong and durable wood that is known for its high-strength, warmth and beauty. This species is a well established renewable source and understandably an excellent choice for building construction materials.

This unique composite design means that Leiab have created an almost maintenance-free window with an unbeatable lifespan. At the same time they have also constructed a window system in which different aluminium and wood profiles can be combined in a large number of options.

There are several window systems available which can match any specification required, regardless of whether it involves an office complex in a modern design or an early 20th century building, Leiab have a style to suit your project.





EWS INNOVATION

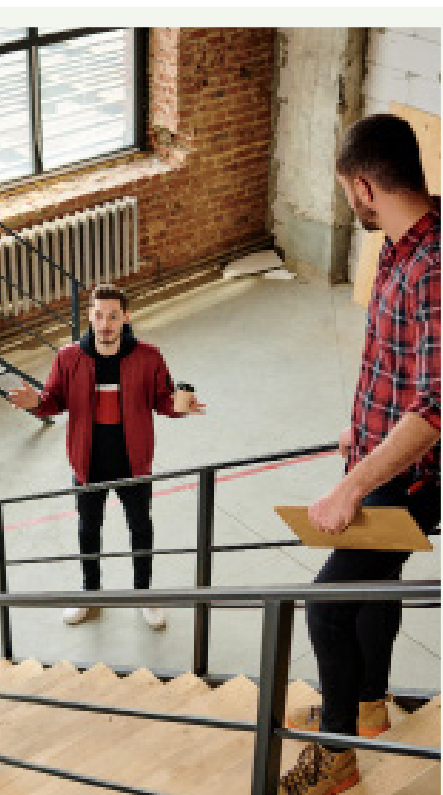
EWS's mission is to provide our clients with leading architectural systems that offer a solution for every eventuality. Our products are innovative, energy efficient and environmentally sustainable.

EWS is a major force in the UK fenestration industry. We offer architects, contractors, developers, installers and clients a wide range of innovative profiles for curtain walling, doors, windows, facades and specialist applications. In short we have a product for every application.

Fenestration, more than any other element of a building's architecture, will determine its character and complete the design. We therefore compose these elements with care and consideration. It is here we define the buildings period with appropriate detail, and unify the overall design with correct proportion and scale.

We have passion for traditional architecture and detail, applying this to all our product design. When designing we consider window setbacks for depth and weather protection, discreet concealment of ventilation, equal glazing sight lines and well balanced section sizes.

EWS has a commitment to ongoing product development with a full complement of accreditations. Our partners have accreditations such as ISO 9001 and IIP, Kitemark, Q-Mark, Secured By Design and Window Energy Rating (WER) approval.



EWS WINDOWS AND DOORS

The preferred choice for commercial applications

When it comes to selecting the right windows and doors for your commercial projects, you'll want to strike the optimum balance between energy efficiency, acoustic, security, weather performance, durability, low maintenance, colour and great looks.

Reliability is also important. Time is of the essence when it comes to managing large projects, with tight schedules at each stage. On time, in full deliveries and efficient installation are key criteria.

Our systems partners have been manufacturing window and door profile for the domestic, public and commercial sectors for many years. Together we have a strong and knowledgeable network of fabricators and installers providing the best in quality, on-time delivery and installation.

Facts about our product

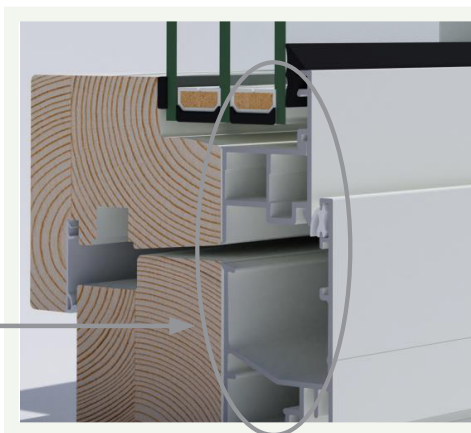
- The manufacturing materials are sourced from suppliers who have sustainable environmental policies.
- Low maintenance requirements without resorting to harmful waterproofing methods.
- Long life span and generous warranties.
- High delivery precision.
- Ingenious design engineering unique for every project resulting in cost reductions.
- LEIAB is a solid company with a triple-A credit rating for many years.

THE LEIAB COMPOSITE WINDOW SYSTEM

Advanced Swedish Design

The advantages of our product

- LEIAB's construction is unique. The bonded aluminium/wood ensures that moisture is never in contact with the wood and rain water is led out through the concealed weep holes.
- The interior faces have a smooth wooden finish with a choice of our standard close-grained Scandinavian pines or woods of your choice with a finish to suit your tastes.
- We offer you a choice of four window models where you can combine the frame and sash to create 16 different exteriors, and four interiors. All to ensure that you find the right style for your property.
- Every millimetre is standard at no additional cost. This allows the fitting to be both faster and much more efficient.
- Glazing to your specification. Triple glazing, 2+1, 3+1 or double frame.
- High performance – energy savings and sound reduction products. U-value from 0,8 and sound reduction up to 69 dB.
- A wide range of options – handles, trickle vents, integrated blinds etc.
- Robust ironmongery from Winkhaus who are well represented in the UK.
- SBD certified. PAS 24:2022



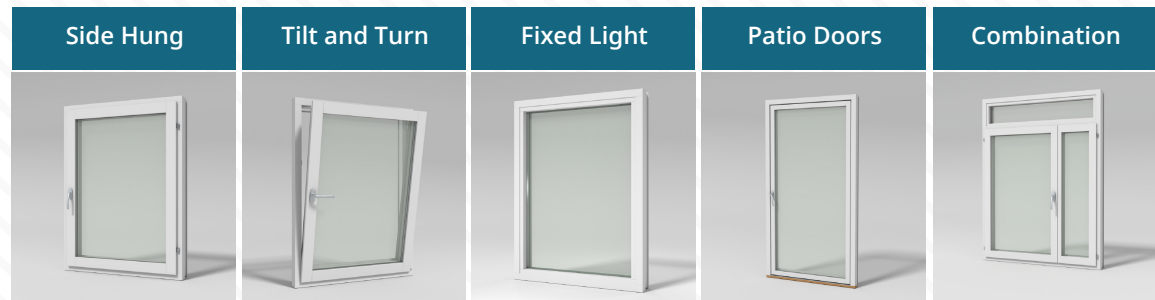
ROYAL COMPOSITE

The newest model with a clean cut design



Royal is our latest model and has a clean cut design, with the most prominent feature being the concealed weep holes. This latest model design features less prominent weep holes in darker shades.

The challenge was not only in the design, with concealed weep holes and vents, but we also wanted to be able to meet the market's demands that we make large and therefore heavy windows, whilst still maintaining Leiab's superior quality that ensures a long service life.



HAGA COMPOSITE

A pen stroke changed everything

Design-wise, Haga has a somewhat softer image than Stil . The difference is a single stroke of the pen on the drawing which provided an additional five millimetres to the depth of the frame. The little step on the exterior of the frame represents a big difference in terms of design, which produced a more modern impression and one which has bowled over many an architect!

As a result of its softness and modern feel, Haga has often been chosen when constructing new buildings, for example housing.



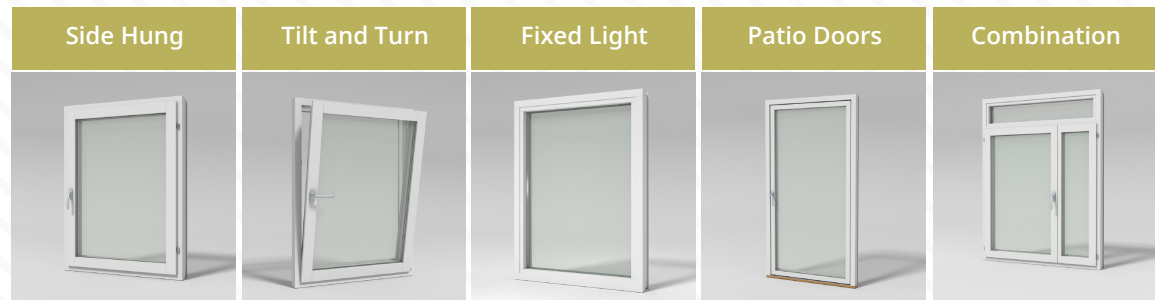
STIL COMPOSITE

As popular now as then



Stil is the model that has been present since the outset – it has never become out-of-date. In terms of design Stil is characterised by a smooth exterior in which frame, sash and glass are placed in the same web.

The purity of style and impression of simplicity fits well with modern design. However, even when trends are running in another direction, Stil remains just as much in fashion. In a functional building from the mid 1950s this window feels absolutely right!





Tilt and Turn and Parallel Opening

- Traditional tilt and turn system
- With the parallel opening system the sash can be moved 4 mm inwards for ventilation. The sash can also be entirely opened once the handle is in the service position.

Life Span and Warranties

- 70-year life expectancy and 10-year warranty.
- All LEIAB products are third-party audited.

Part M

- Compliant with Part M such as handle at the bottom.

Environmentally Friendly

- All LEIAB windows are true composite windows with no need of environmentally harmful repellent chemicals on the timber, as the timber is not in contact with rain water or moisture.



Inward Opening

- All LEIAB windows can be serviced from the inside including reglazing i.e. no need for lifts, scaffolds or external access.
- All window ironmongery is securely fitted to the internal timber face. There is no risk an open sash can fall outwards from the building.

Factory and LEIAB Headquarters

- All LEIAB products are manufactured in our own plant which houses one of the largest and most modern window factories in Sweden, and that has a manufacturing capacity of 3,500 windows weekly. Today's annual sales of £30m expect to grow to at least £50m. See more about LEIAB Window on www.leiab.co.uk.
- A high degree of automation provides both a high consistent product quality, with a high efficiency, that means we can offer all customers high quality products at competitive prices.
- You are welcome to visit us in Mariannelund, Sweden, situated 3 hours driving from Stockholm or Gothenburg.

EWS FINISHES

TIMBER



- Leiab manufacture using high density European Pine sourced from sustainable forests..
- The profiles are manufactured using a finger jointing/laminating process guaranteeing form stability after engineering the timber profiles.
- The manufacturer has Certificates for: FSC, Nordic scantlings and PEFC. They are 3rd Party audited.
- Timber preservatives are not required with the Leiab Composite Design.

EXTERNAL FINISH



- Leiab use polyester powders manufactured by IGP in Switzerland.
- The colours can be selected from the RAL scale as well as the NCS S scale.
- The gloss finish in accordance with project requirements.
- On large projects bespoke colours can be provided after your colour swatches.
- The coaters are Qualicoat Certified and use a chrome-free process.

INTERNAL FINISH



- Water based paints are used.
- All timber surfaces are primed.
- The window and door frames receive two coats and the sashes three coats.
- These paints are supplied by Sherwin - Williams.
- The profiles can be decorated using the RAL scale – gloss 30.

CASE STUDY

Hornsey Town Hall, London

| | |
|----------------------|--------------------------------|
| Client | Ardmore Construction Ltd |
| Project | New construction, 940 Products |
| Window Model | Stil |
| Year of Construction | 2020-2021 |

This landmark development includes an arts centre and hotel in the meticulously restored Town Hall, together with an improved public square and a newly built collection of studio, one, two and three bedroom apartments in the Town Hall grounds. The grounds of the Town Hall will also house a collection of 146 new homes, spread across two newly built blocks, a mews building and a carefully restored Broadway annex.



CASE STUDY

Welbourne Park, London

Project New construction, 780 products

Product Stil

Client United Living Ltd

Year of Construction 2020-2021

United Living will deliver 131 council-owned homes to be provided at council rents in partnership with LB Haringey. Welbourne is suited close to the area's probably most prominent landmark, the 60,000-plus capacity Tottenham Hotspur Stadium.

Leiab has successfully delivered 780 windows and patio doors for various properties within the Welbourne blocks.



CASE STUDY

Material Store, London

| | |
|----------------------|---------------------------------|
| Client | Interserve and Invest Mag Ltd |
| Project | New construction, 1700 Products |
| Window Model | Royal |
| Year of Construction | 2016-2018 |

Supplying windows and patio doors for approximately 190 apartment units in one of London's new exciting residential areas; The Material Store in Hayes. Comprising a total of 4 buildings, including an 11 storey high rise. The unique and challenging feature about this area, 5 kilometres from Heathrow Airport, and with railway lines running just outside the apartment units, we knew that we had to deliver maximum sound reductions in our window system while still maintaining a stylish design.



CASE STUDY

Royal Exchange, London

| | |
|----------------------|---------------------------------|
| Project | New construction, 1130 products |
| Product | Stil |
| Client | St George Ltd |
| Year of Construction | 2020-2021 |

A brand new development by St George, in the heart of historic Kingston upon Thames.

Leiab has successfully delivered more than 1100 windows and patio doors for various properties within the Royal Exchange blocks.



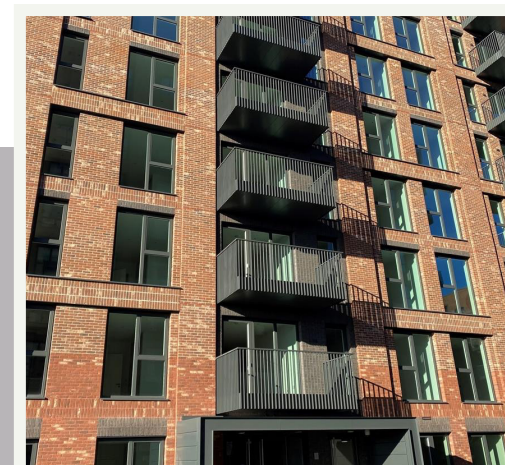
CASE STUDY

The Green Quarter, London

| | |
|----------------------|-----------------------------------|
| Client | St George and European Window Ltd |
| Project | New construction, 4500 Products |
| Window Model | Stil |
| Year of Construction | 2023-2024 |

Leiab has successfully delivered more than 4500 windows and patio doors for various properties within the Green Quarter area.

The Green Quarter is suited not far from the area's probably most prominent landmark, the 90,000-plus capacity Wembley Stadium.



TECHNICAL SUPPORT

Our Technical Team are at hand to help you specify the correct product for your project. They will guide you at each stage on the use of products, samples, drawings and specifications.

Our technical and design service includes:

- Product selection and application
- Technical review to confirm compliance with Building Regulations, including Document L
- Advice on exposure conditions
- Wind load calculations
- Framing construction and design solutions
- Generation of scheme drawings for tendering purposes
- Technical specification
- Window samples for client/authority approval



Specification is an essential part of the design process. A badly written specification can cause major problems for every member of the project team and can cost the client a great deal of money. A well written specification on the other hand can enhance project delivery and save money. EWS can help with all sizes of construction project, from inception to completion.



QUALITY ASSURANCE



ISO9001 • ISO14001



001

BS EN ISO 9001

Quality Management systems.

BS EN ISO 14001

Registered Environmental Management System.



KM 33904

PAS 24 - Windows



KM 57124

PAS 24 - Doors

PAS 24 SYSTEM SUPPLIER

General and enhanced security performance for windows and doors.



KM 25857
BS EN 12608

BS EN 12608

UpperGlass™ profiles for the fabrication of windows and doors, classification requirements and test methods.



CE MARKING

Meeting European standards and regulations.



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Audley retirement village, Cobham.

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COMMERCIAL APPLICATIONS