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BLAIRS

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Company Information

Blairs is one of the UK's leading designers and manufacturers of bespoke timber windows and doors.

Our outstanding reputation has been established over many years by blending the traditions of skilled craftsmanship with leading edge technology, to produce quality products in high volumes.

Experience

Blairs manufactures a range of bespoke timber windows and doors that supports all market sectors, from exceedingly complex architectural and heritage products, to the demanding specifications required for modern domestic dwellings.

At Blairs, all of our windows and doors are designed using a perfect balance of fine craftsmanship and modern production techniques. It's an approach that allows us to fulfil the most exacting of projects, from stately homes to towerblocks, from major new housing developments to the refurbishment of listed 18th Century mills.

Working alongside architects and specifiers, we create bespoke glazing solutions for new builds, refurbishments and heritage projects alike. Tested to withstand the harshest climates, our windows are made using only the finest timber and highest quality fittings.

In addition, Blairs operates to two internationally recognised standards with the implementation of a Quality and Environmental Management System which has been accredited to BS EN ISO 9001 and BS EN ISO 14001 respectively. Blairs is also a fully accredited Secured by Design manufacturer.

We constantly evaluate the performance of our products, seeking wherever possible to introduce new ideas and new specifications, always careful to match our designs to your budget.

One of the firm's particular strengths is our ability to create high quality modern windows that comply with stringent heritage and conservation regulations. Here, looking great is no longer enough; it has to look authentic too.

By accurately recreating historical designs, our skilled craftsmen can create windows to the precise specifications for each building, whether using standard sections or creating a suitable design fresh from the drawingboard. Even shaped work such as radius and gothic heads or bowed on plan causes no problem for our team.

At Blairs, we don't believe our job is finished once we've fulfilled your order. Our commitment to customer service means that you'll receive strong after-sales support, including technical advice on installation and maintenance. It's simply another reason why we're so highly regarded by clients in the UK.

Blairs is a company whose extensive range of windows and doors is matched only by its impressive track record. So whether you need a high volume standard design or a specialist bespoke solution, the Blair's name is your guarantee of strength, beauty and durability.

Behind our company

Our People

It is no profit to have learned well, if you neglect to do well. Publilius Syrus 100BC

Outstanding customer service is provided by outstanding companies, and outstanding companies employ outstanding people.

At Blairs we have recruited an outstanding generation to manage and work in our business, our ambition is nothing less than providing the best package of product and service available in the UK market. Everyone takes a pride in what they do, placing the customer at the centre of everything that we do.

We value people, we value learning, but we also value commitment, loyalty and hard work, these may be values which are not as fashionable as they once were, but these are values very much in vogue at Blairs.

Lifelong learning and training are important features of life at Blairs, since knowledgeable people strengthen their companies. 60% of us are qualified to degree level or to tradesman level. We reintroduced a vibrant apprenticeship scheme, during the 1990's when most companies were abandoning such investment in the future. We see this as our commitment to future generations of employees and customers.



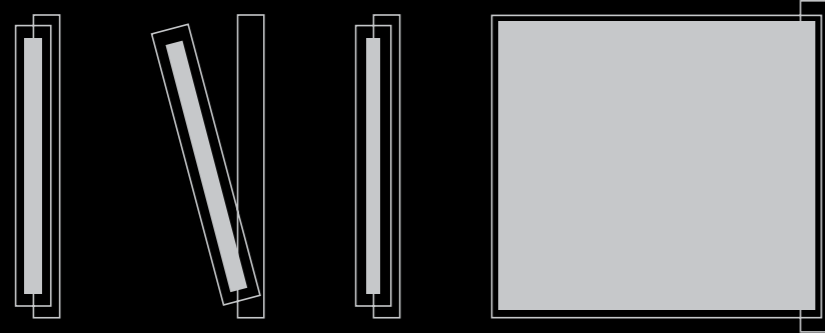
Tilt & Turn Windows & Doors

The Blairs Tilt and Turn window and door range encapsulates our vision of world class design, innovation and precision engineering in timber windows and doors. The hardware system is completely concealed within the frame resulting in aesthetically pleasing clean modern sight lines. The window has a double gasket system which improves thermal, acoustic and weather performance.

The incorporation into the design of a vortex decompression chamber in the sash and frame profile guarantees best performance for water tightness. The window and door range is able to withstand wind speeds of up to 140mph and has been tested to BS 6375 for weather performance and BS 7950 for enhanced security. The Tilt and Turn Window and Door range is supplied with Secured By Design as standard.



The Tilt and Turn Window provides safe and secure ventilation in the locked tilt position. The Tilt and Turn range is manufactured only in engineered timber and uses the highest quality hardware to ensure the highest levels of weather resistance and security.



Tilt & Turn Specification

Sashes:

Inward opening for ventilation and cleaning. The hinge mechanism provides two separate Actions: 1. Bottom hung for ventilation 2. Side Hung for cleaning.

Safety:

The hinge mechanism operates as Tilt before Turn for increased safety.

Performance:

The window is tested to BS 6375 Weather Testing and BS 7950 Enhanced Security.

Glazing:

The glass rebates accept double glazing units to 28mm overall. All windows are supplied factory glazed.

Fire Escape:

Operating the sash in the Side Hung mode can provide a clear opening to comply with the fire regulations in suitably sized windows.

Timber:

Engineered Softwood.

Treatment:

All permeable timber treated to comply with BS 5589.

Joints:

Combed joints to frames and sashes.

Glue:

Conforms with BS EN 204 Group D3 or DIN 68602 B4. Water resistant PVA glue.

Gasket:

Full compression seal.

Paint/Stain:

All windows are supplied fully factory finished.

Window Recommended Sizes:

Minimum 540mm wide x 580mm high (overall).
Maximum 1506mm wide x 2025mm high (overall).

Door Recommended Sizes:

Minimum 540mm wide x 2050mm high (overall).
Maximum 1250mm wide x 2500mm high (overall).

Multi-Pane Sashes:

Standard astragals/glazing bars with matching glazing beads.

We reserve the right to alter any of the details or information contained in this specification.

Window Type Standard Features:

- Tilt & Turn Sash
- Fixed Sash
- Deadlight

Standard Detail:

- Glass Unit - 28mm
- Handle Type - Locking
- Vent - Trim Vent 425mm
- Airflow - 4105mm²
- Sill Drip - 55mm

Factory Options:

- Bead - Splayed
- Fire Escape Non-Locking System - fixed safety restrictor
- Vent - Trim Vent 250mm, Trim Vent 695mm or No Vent
- Airflow - 2060mm², 6958mm²
- Sill Drip - 80mm or No Sill Drip
- Glazing Bar - 50mm Timber to sashes only or Pressure Bonded Astragals to sashes only

Test Certificates:

- BS 6375 Weather Testing
- BS 7950 Enhanced Security

Door Type Standard Features:

- Right Hand Hinge Leaf
- Left Hand Hinge Leaf

Standard Detail:

- Glass Unit - 28mm
- Handle Type - Security Handle
- Threshold - Timber
- Sill Drip - 55mm

Factory Options:

- Bead - Splayed
- Threshold - Low Profile Document M Compliant
- Sill Drip - 80mm or No Sill Drip
- Glazing Bar - T50 or PBA

Door Panel Configurations:

- Single Glazed Panel
- Two Glazed Panels

- Three Glazed Panels or Single Glazed Panel over two timber Panels
- Four Glazed or Timber Panels
- Six Glazed or Timber Panels

Test Certificates:

- PAS 23 Weather
- PAS 24 Enhanced Security

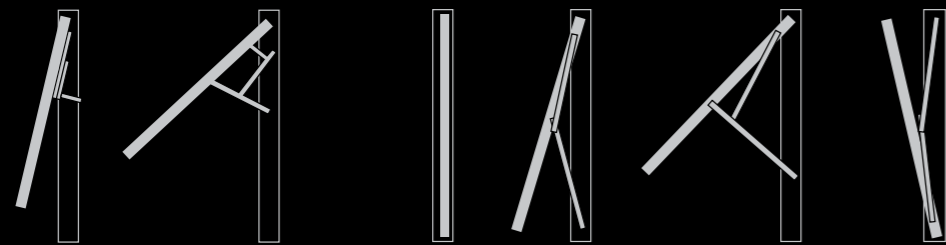


Enhanced Casement

The Blairs Enhanced Casement range provides a modern, tailor made replacement for the old fashioned casement style of window. Suitable for a wide range of applications, it will look great in both domestic and commercial environments. The enhanced casement range includes canopy action, side slide, side hung and top hung windows. An accredited Secured by Design product is also available.



Our Enhanced Casement range is available with all four major functions enabling easy access for cleaning and providing high security. The enhanced casement range is the very essence of modern technology combined with tradition.



Top Hung

Canopy Action

Side Hung

Side Slide



Enhanced Casement Specification

Range:

Canopy action
 Top hung
 Side hung on friction stays
 Side slide
 Fixed sash
 Deadlights
 Complex shapes and sizes.

Performance:

This window is tested to BS 6375 for weather. This window can also be supplied as Secured by Design, conforming to BS 7950.

Glazing:

The glass rebates accept glazing units to a recommended thickness of 24mm overall. Glass is fixed by timber glazing beads. Factory glazing is recommended.

Fire Escape:

Suitably sized Enhanced Casement windows will comply with Fire Escape window requirements.

Timber:

Top quality Hardwood and European Redwood.

Treatment:

All permeable timber treated to comply with BS 5589.

Joints:

Combed joints to frames and sashes.
 Fixed with non-ferrous concealed fasteners.

Glue:

Conforms with BS EN 204 Group D3 or DIN 68602 B4. Water resistant PVA glue.

Gasket:

Full compression seal.

Paint/Stain:

Factory finishing is recommended to ensure consistency of film build. Factory finishing is essential for SBD variations.

Recommended Sizes:

Minimum 306mm wide x 622mm high (overall).
 Maximum 1596mm wide x 1656mm high (overall).

Multi-Pane Sashes:

Standard astragals/glazing bars with matching glazing beads.

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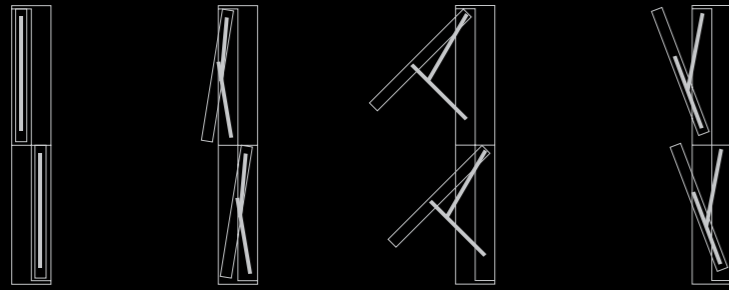


Double Swing Windows

Blairs is almost certainly unique in that we hold a design patent for a completely new kind of window. Created by our Technical Director, the Double Swing has the handsome appearance of a traditional sash and case with the convenience of a reversing mechanism on both sashes for easy cleaning. The Double Swing range includes both a standard version and a fire escape window.



The Double Swing combines the aesthetic appeal of the traditional sash and case with all the convenience of a casement product. Modern hardware and engineering meets traditional aesthetic detail.



Double Swing Window Specification

Sashes:

Both sashes are reversible for internal cleaning. An initial opening restrictor, and reverse position locks are incorporated in the hinge mechanism.

Performance:

The window is tested to B.S. 6375.

Glazing:

The glass rebates accept glazing units to a recommended thickness of 24mm overall. Glass fixed by timber glazing beads. Factory glazing recommended.

Horns:

The upper sash can have no horns or standard splayed horns. Two patterns of moulded horns are also available as an extra cost option.

Fire Escape:

Suitable sized standard Double Swing windows will comply with Fire Escape requirements. To achieve the minimum clear opening size with smaller windows, choose the Double Swing Fire Escape variant with its inward opening lower sash.

Timber:

Top quality Hardwood and European Redwood.

Treatment:

All permeable timber treated to comply with BS 5589.

Joints:

Combed joints to frames and sashes.

Glue:

Conforms with BS EN 204 Group D3 or DIN 68602 B4. Water resistant PVA glue.

Gasket:

Full compression seal.

Paint/Stain:

Factory finishing is recommended to ensure consistency of film build.

Recommended Sizes:

Minimum 590mm wide x 920mm high (overall).

Maximum 1610mm wide x 3000mm high (overall).

Multi-Pane Sashes:

Standard astragals/glazing bars can be included to sub-divide each sash.

Sash Split:

The proportion of the top sash to the bottom sash heights can be varied, in 100mm increments, to meet approximate requirements; 40/60, 50/50 etc.

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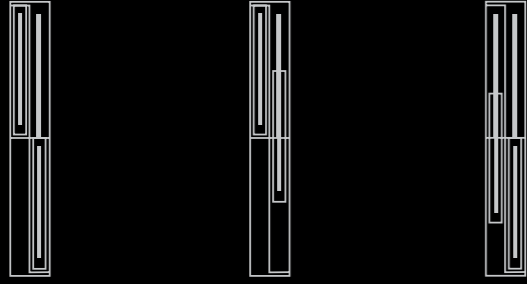


Sash & Case Windows

A popular British window for over two centuries, the Sash and Case is finding a new lease of life thanks to modern materials and innovative designs. The Blairs sash and case window has become the industry's benchmark and we now manufacture more than any other UK supplier. This window incorporates 24mm glazing units as standard which allows it to comply with part J/L of the building regulations.



The most traditional of products, our Sash and Case window combines traditional appeal and hardware with modern touches and engineering. A true classic!



Sash & Case Window Specification

Sashes:

Top and bottom sashes vertically sliding (57mm thick).

Performance:

All Sash & Case windows are fitted with a full draught stripping system as standard and are tested to B.S. 6375.

Case:

Increased box section construction with rebated internal, and scalloped external facings. Pockets cut for weights and pulley wheels are fitted as standard.

Glazing:

The standard rebate accepts glazing units to a recommended thickness of 24mm. Factory glazing is recommended.

Horns:

The upper sash can have no horns or standard splayed horns. Two patterns of moulded horns are also available as an extra cost option.

Fire Escape:

Windows of an appropriate size may be suitable for fire escape.

Timber:

Top quality Hardwood and European Redwood.

Treatment:

All permeable timber treated to comply with BS 5589.

Joints:

Combed joints to sashes.

Glue:

Conforms with BS EN 204 Group D3 or DIN 68602 B4. Water resistant PVA glue.

Paint/Stain:

Factory finishing is recommended to ensure consistency of film build.

Recommended Sizes:

Minimum 430mm wide x 850mm high (daylight).
Maximum 1600mm wide x 3000mm high (daylight).

Sash Split:

The proportion of top sash to lower sash can be varied to meet requirements exactly, e.g. 40/60.

Multi-Pane Sashes:

Standard astragals/glazing bars can be included to sub-divide each sash.

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Doors

Doors and screens. Our top of the range external doors are manufactured in hardwood only and are the perfect complement to our range of windows.

Every Blairs screen is designed to harmonise with both our doors and our windows, and is manufactured and supplied using standard sections to make specification and installation simple.



Our Doors are manufactured only in hardwood and combine modern manufacturing with a traditional look. Blairs' luxury door range is the ultimate statement in style and elegance and compliments our windows perfectly.

Doors Specification

Window Type:

- Right Hand Hinge Leaf
- Left Hand Hinge Leaf
- Deadlight
- Fixed Leaf
- Double

Standard Detail:

- Glass Unit - 24mm
- Threshold - Timber
- Vent - None
- Sill Drip - 55mm

Factory Options:

- Bead - Splayed
- Threshold - Low Profile
- Sill Drip - 80mm or No Sill Drip
- Glazing Bar - PBA, Finebar or T50

Sizes Limitations:

Operational - Minimum 540mm wide x 1850mm high. Maximum 1200mm wide x 2450mm high.

Fixed Sash - Minimum 540mm wide x 1850mm high. Maximum 2800mm wide x 2800mm high.

Deadlight - Minimum 320mm wide x 320mm high. Maximum 2800mm wide x 2800mm high.

Notes:

Leaf cannot weigh more than 70kg.

We reserve the right to alter any of the details or information contained in this specification.



Bespoke Products

Blairs is the established specialist in providing bespoke glazing solutions. Using standard sections or designs fresh from the drawingboard our entire range can incorporate shaped work, including bowed on plan, as well as radius and gothic heads. We provide window types with a one off application. If you need a product that has not been designed yet, ask us, that is one of the qualities that makes us unique.

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