

ALLAN EST.
1811 BROS.

Craftsmen of Timber Windows & Doors

Crafting in timber since 1811.



Allan Bros. The longest established window company in the UK.

Just as you can tell something of the history and heritage of a good piece of timber from its knot and grain you get a strong sense of the things that inspire and drive Allan Bros today from the story of our past.

James and Thomas Allan began their apprenticeship in wood craftsmanship, under the watchful eye of their father William over 200 years ago, in the year Britain's mad King George III stepped down from the throne and only four years before Wellington finally defeated Napoleon at the Battle of Waterloo.

The two brothers took over the company on the death of their father in 1843.

Together they embarked on a programme of steady expansion and gradually acquired more land until their Berwick factory covered an impressive eight acres. Right from the very beginning James and Thomas shared a passion and determination to create the very best in timber windows. This clarity of vision is the bed-rock on which today's Allan Bros has based its commitment to unsurpassed quality.



Finished to perfection. Beautiful windows, built to last. Just like your home.

All the tradition you demand and expect – British-made timber windows carefully constructed by craftsmen in the historic walled town of Berwick, Northumberland – but also backed up by the latest modern technology to achieve a flawless finish, and then fitted by our recommended installation network of craftsmen and technicians.

Some local families have seen entire generations of fathers and sons, mothers and daughters, work at Allan Bros, often at the same time. And today we are proud to say we have over a thousand years of experience within our current expert workforce.

We aim to ensure, at every stage of the process, working with Allan Bros is the perfect customer experience.

Our timber window frames are given not one, not two, but three complete coats of specialised paint, with dual-colour as a unique option. The glass itself comes with various glazing options, these include a choice of high-specification, purpose-built double-glazed units. Each completed window comes with extensive warranties to give all our customers total peace of mind.

Allan Bros are now part of and backed by the Inwido Group, this allowed us, in 2014, to open a brand new showroom in Braintree for the convenience of our many customers based in the South of England.



ALLAN EST 1811 **BROS.**

Craftsmen of Timber Windows & Doors

Crafting in timber since 1811.

ENVIRONMENT

All of the Redwood timber we use is sourced from certified Forest Stewardship Council® (FSC®) forests in Northern Scandinavia. So you can be sure that timber used to make your windows has come from a sustainable and responsibly managed source. And, our windows are also carbon neutral, which means they absorb more CO₂ from the atmosphere than they produce – saving three-quarters of a tonne of CO₂* on average per house – so they are good for you and the environment.

Allan Bros can provide Window Energy Ratings (WER) so you can see for yourself just how energy-efficient they are. Our windows also surpass current UK Building Regulations and have U-values well in excess of the present requirements. We fit energy efficient 'Low-E' glazing to all of our windows as standard.

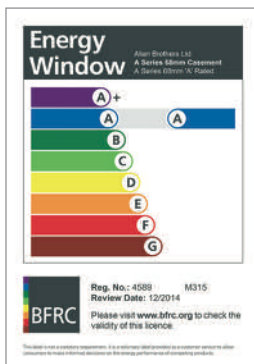
*CO₂ equivalent carbon dioxide.

PEACE OF MIND

Allan Bros timber windows are designed to look good and save money for years to come. Research has shown that even with low levels of maintenance they should last at least 60 years and with more regular care could last up to 80 years and more†.

Our windows are rigorously tested to the latest European and British safety and performance standards, accredited by independent third parties such as BM-TRADA Q-Mark and Secured by Design and backed by a comprehensive range of quality and performance warranties.

† WWA Window Estimate Service Life ISO 15686-8(2008), Life Cycle Assessment Research, Dr R Murphy, Imperial College London 2010.



The **Wood Window** Alliance



30 YEAR rot and fungal protection
10 YEAR ironmongery warranty
10 YEAR paint finish warranty
10 YEAR stained finish warranty
10 YEAR glazing failure warranty
10 YEAR manufacturing warranty



ALLAN BROS, Allan House, Ord Road, Berwick-upon-Tweed, Northumberland TD15 2XU TEL: 01376 334655
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ALLAN EST. 1811 BROS.

Craftsmen of Timber Windows & Doors

**We ARE
INWIDO**

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Total Window & Door Solutions.

WINDOW & DOOR SOLUTIONS



Our extensive range of products are designed to meet all the requirements of the different market sectors we supply. Our Engineered Redwood used in the production of our products is sourced from sustainable forests and carries the FSC® certification. By using Engineered timber we ensure a smooth finish without natural defects. This process eliminates the problems currently associated with knots and enables the product to be more stable. The majority of the range is also available in hardwood.

OUR TIMBER WINDOW RANGES



A Series

A high performance stormproof casement window available as side hung or top hung with the option of glazing bars to create classic designs.



System 2000

A Scandinavian style window, with a flush appearance on the outside, available in three operating modes for great flexibility.



H Type

A classic reversible top hung window system offering high performance and ease of use.



Dual Turn

A casement window with the appearance of a vertical sliding sash that operates like a top hung reversible window.



Vertical Sliding Sash

A modern version of the traditional vertical sliding window incorporating modern thinking and design features to meet future requirements.



Vertical Slide & Tilt

Our vertical slide and tilt window has been developed to meet the needs of modern day life, combining elegance with practicality.

OUR ALUMINIUM CLAD WINDOW RANGES



IV-UNI Tilt & Turn

Windows which open from the side or tilt inwards from the bottom for the ultimate flexible solution. Also available in timber.



Horizont

Aluminium clad window range for even longer service life and reduced maintenance available in top hung and side hung.



Delta Combi Al

A composite window and door system providing the complete package for larger projects.

OUR DOOR RANGES



Scotdoor

Traditional British styling providing exceptional security and weather performance.



French Door and Sliding Patio Door

Elegant patio doors designed to complement our high performance windows and manufactured to the same exacting standards.



ALLAN EST. 1811 BROS.

Craftsmen of Timber Windows & Doors

			Timber Options						Glazing		Sash / Leaf Operation							
Product	Type of Product	Frame depth (mm)	Eng. Redwood	Grandis	Meranti	Oak	Alu-Clad	Double Glazed	Triple Glazed	Opens	RH Side Hung	LH Side Hung	Top Hung	Fully Rev	Fixed Pane	Tilt & Turn	Notes	
Timber																		
A Series - Window	Casement	68 or 92	X	X				X	X	Out	X	X	X		X			
System 2000 - Window	Casement	92	X	X				X	X	Out	X	X	X	X	X			
H Type - Window	Casement	92	X	X				X	X	Out				X	X			
Dual Turn - Window	Casement	140	X	X				X		Out	Bottom	Bottom		X	X			
Vertical Sliding Sash - Cords & Weights	Sliding Sash	168	X	X				X		Slide/In	Simplex	Simplex						
Vertical Sliding Sash - Spiral Balance	Sliding Sash	168	X	X				X		Slide								
Vertical Sliding Sash - Slide & Tilt	Sliding Sash	145	X	X				X		Slide/In								
A-Series French Doors (Double)	French Doors	92	X	X				X	X	In/Out		X						
A-Series Door (single)	Ext. Doorset	92	X	X				X	X	In/Out	X	X						
Scotdoor - Entrance Doors	Ext. Doorset	92		Composite				X		In/Out	X	X						
Optiwood Lift & Slide Patio Doors	Sliding Patio	114	X					X	X	Slide	R Slide	L Slide						
Timber or Alu-Clad																		
IV Uni Thermo 80 Window	Tilt & Turn	80	X			X	X	X	X	In	X	X				X		
IV Uni Thermo 80	Tilt & Slide	80	X			X	X	X	X	Tilt-Slide	R Slide	L Slide				X		
IV Uni Thermo 80	Balcony Door	80	X			X	X	X	X	In	X	X				X		
IV Uni Thermo 80	Balcony Door	80	X			X	X	X	X	In	Double					X	First Leaf Only	
IV Uni Elite 92 Window	Tilt & Turn	92	X		X	X	X		X	In	X	X				X		
IV Uni Elite 92	Tilt & Slide	92	X		X	X	X	X	X	Tilt-Slide	R Slide	L Slide				X		
IV Uni Elite 92	Balcony Door	92	X		X	X	X	X	X	In	X	X				X		
IV Uni Elite 92	Balcony Door	92	X		X	X	X	X	X	In	Double					X	First Leaf Only	
Thermo HS Sliding Patio Doors	Sliding Patio	On request	X		X	X	X	X	X	Slide	R Slide	L Slide						
EcoSlide Patio Doors	Sliding Patio	72 or 92	X				X	X	X	Slide	R Slide	L Slide						
Alu-clad only																		
Delta Combi Al Window	Casement	100/115/130/145	X		X	X	X		X	Out	X	X	X	X	X			
Horizont Window	Casement	124	X				X	X	X	Out	X	X	X	X	X			
Horizont Terrace Doors	Terrace Door	124	X				X	X	X	In/Out	R Open	L Open						
Horizont Terrace Doors	Terrace Door	124	X				X	X	X	In/Out	Double							
Horizont Sliding Patio Doors	Sliding Patio	124	X				X	X	X	Slide	R Slide	L Slide						
Horizont Entrance Doors	Ext. Doorset	124	X				X	X	X	In/Out	R Open	L Open						
Horizont Entrance Doors	Ext. Doorset	124	X				X	X	X	In/Out	Double							
Horizont Stable Door	Ext. Doorset	124	X				X	X	X	Out	R Open	L Open						
Horizont Plank Door	Ext. Doorset	124	X				X	X	X	In/Out	R Open	L Open		Aluminium Clad to Outer Frame ONLY				
Horizont Plank Door	Ext. Doorset	124	X				X	X	X	In/Out	Double			Aluminium Clad to Outer Frame ONLY				

Note: All products are fully factory finished and all doors are provided as 'Doorsets' including Frame, Door, Glazing, Handles and locking system.

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The 1811 Sliding Sash Collection.

WINDOW RANGE



THE 1811 SLIDING SASH COLLECTION

offers both traditional Cords and Weights windows and the more modern Spiral Balance.

Both these styles come in a variety of sizes which means, combined with a wide range of tailoring options, Allan Bros can create the very best window solution for you.

They are available with arched frames, decoration bars, a choice of four horn types, as well as coming with extensive hardware options. All the timber we use is FSC® certified and the range is carbon neutral.

The standard specification is internally beaded and double glazed. It comes with a choice of bead profiles, Lambs Tongue or Ovolo, and externally can have a simulated putty profile.

For those customers who need specific conservation requirements, Allan Bros also offers an alternate specification with through bars of just 24mm and double glazing as standard. They can also be ordered as single glazed utilising a special putty option, which adds an extra aesthetic authenticity.

Available in the following options:

CORDS & WEIGHTS

SPIRAL BALANCE

SLIDE & TILT



30 YEAR rot and fungal protection

10 YEAR ironmongery warranty

10 YEAR paint finish warranty

10 YEAR stained finish warranty

10 YEAR glazing failure warranty

10 YEAR manufacturing warranty

ALLAN^{EST 1811} BROS.

Craftsmen of Timber Windows & Doors

The 1811 Sliding Sash Collection.

SPECIFICATION.

CORDS & WEIGHTS COLLECTION

WINDOW OPERATION

Traditional pulleys with heavy duty cords and weights enable sashes to slide up and down. Simplex fittings can be fitted to the bottom sash to allow it to open inwards on butterfly hinges, which facilitates cleaning.

- Both Sliding
- Both Fixed
- Top Sliding – Bottom Fixed
- Top Fixed – Bottom Sliding
- Top Sliding – Bottom LH Simplex
- Top Sliding – Bottom RH Simplex

THERMAL PERFORMANCE

Whole Window can achieve – 1.4W/m²k

SIZE AND DIMENSIONS (mm)

Allan Bros products are bespoke, therefore can be manufactured to any size – within engineering limitations and health & safety legislation.

	CORDS & WEIGHTS
Frame Depth	160
Frame Head	56x160
Frame Jamb	110x160
Frame Cill	83x160
Frame Mullion	183x160
Frame Transom	N/A
Sash Head	58x58
Stiles	58x58
Bottom Rail	68x58
Optional Horns	4 Options

Traditional pulleys with heavy duty cords and weights enable sashes to slide up and down. Simplex fittings can be fitted to the bottom sash to allow it to open inwards on butterfly hinges, which facilitates cleaning.

CILLS (mm)

Standard – Flush

Optional – 25, 47, 62, 87

All timber used is FSC® Certified.

MATERIALS

Standard – Redwood - Finger Joint Laminated

Hardwood Option – Grandis

PERFORMANCE

Independently tested and accredited to BS6375 Part 1, 2 & 3.

COLOUR

Default colour – White RAL 9016

Dual colour finish – Any combination of RAL colour

Optional – Any RAL colour can be provided

Standard Allan Bros Stains:

Cypress, Teak, Mahogany & Walnut

GLAZING & GLAZING BARS

Double Glazed.

Internally Glazed.

24mm softcoat 'Low E' argon filled double glazed units (4/16/4), manufactured to BSEN1279.

Specialist glazing can be fitted on request.

Standard spacer bars – Black Swiss V.

Optional spacer bars – White, Gold, Bronze or Silver.

Timber beads to all four sides, secured by Allan Bros fixing system.

Beading profiles – Lambs Tongue or Ovolo.

Bonded glazing bars 20 or 25mm.

A range of leaded designs are available.

9mm lead is standard for rectangular and diamond lead designs.

IRONMONGERY

Pulleys: Gold coloured wheel pulleys with mirror finish face plates.

Fasteners: One gold coloured non-locking fastener is fitted to the meeting rails and two gold coloured hook lifts to the lower sash rail.

Security and Ventilation: One face fixed travel stop and strike plate which allows the window to be left open to a fixed height without compromising security or safety.

Simplex fittings: Can be fitted to assist with cleaning the sash from the inside. We provide hinged batten rods as standard.

Optional – Unhinged.

Optional finishes – Polished Chrome or Satin Chrome.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood.

Standard (plastic) – XS16 or Tryk vent – White or Brown.

Optional (Aluminium) – TV90 – White, Brown, Polished Chrome, Gold, SAA.

All comply with current UK building regulations.

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

Technical information, including detailed drawings, guidelines for installation, storage and operating & maintenance instructions, is available on our website.

SPECIFICATION FOR CONSERVATION REQUIREMENTS

WINDOW OPERATION

Traditional pulleys with heavy duty cords and weights enable sashes to slide up and down. Simplex fittings can be fitted to the bottom sash to allow it to open inwards on butterfly hinges, which facilitates cleaning.

- Both Sliding
- Both Fixed
- Top Sliding – Bottom Fixed
- Top Fixed – Bottom Sliding
- Top Sliding – Bottom LH Simplex
- Top Sliding – Bottom RH Simplex

THERMAL PERFORMANCE

Whole Window can achieve – 1.7W/m²k

SIZE AND DIMENSIONS (mm)

Allan Bros products are bespoke, therefore can be manufactured to any size – within engineering limitations and health & safety legislation.

	CORDS & WEIGHTS
Frame Depth	134
Frame Head	56x134
Frame Jamb	95x134
Frame Cill	83x134
Frame Mullion	183x134
Frame Transom	N/A
Sash Head	56x45
Stiles	56x45
Bottom Rail	68x45
Optional Horns	4 Options

The windows are supplied with 80mm wide inside facings and 95mm outside facings to form an open pulley box to suit reveal openings. Boxed mullions with continuous head and soles, 13mm wide to suit 6 inch imperial stone mullions, are standard. Wider fittings can be made to order. External mullion plates can be provided.

A narrower outside facing is also available for straight reveals.

GLAZING & GLAZING BARS

Double Glazed. Internally Glazed.

24mm softcoat 'Low E' argon filled double glazed units (4/16/4), manufactured to BSEN1279.

Specialist glazing can be fitted on request.

Standard spacer bars – Black Swiss V.

Optional spacer bars – White, Gold, Bronze or Silver.

Timber beads to all four sides, secured by Allan Bros fixing system.

Beading profiles – Lambs Tongue or Ovolo.

A range of leaded designs are available.

9mm lead is standard for rectangular and diamond lead designs.

IRONMONGERY

Fasteners: One gold coloured non-locking fastener is fitted to the meeting rails and two gold coloured hook lifts to the lower sash rail.

Security and Ventilation: One face fixed travel stop and strike plate which allows the window to be left open to a fixed height without compromising security or safety.

Simplex fittings: Can be fitted to assist with cleaning the sash from the inside. We provide hinged batten rods as standard.

Optional finishes – Polished Chrome or Satin Chrome.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood.

Standard (plastic) – XS16 or Tryk vent – White or Brown.

Optional (Aluminium) – TV90 – White, Brown, Polished Chrome, Gold, SAA.

All comply with current UK building regulations.

OTHER TECHNICAL INFORMATION

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SPECIFICATION FOR CONSERVATION REQUIREMENTS

WINDOW OPERATION

Sashes slide by means of partially hidden pre-tensioned springs.

- Both Sliding
- Both Fixed
- Top Sliding – Bottom Fixed
- Top Fixed – Bottom Sliding

THERMAL PERFORMANCE

Whole Window can achieve – 1.7W/m²k

SIZE AND DIMENSIONS (mm)

Allan Bros products are bespoke, therefore can be manufactured to any size – within engineering limitations and health & safety legislation.

	SPIRAL BALANCE
Frame Depth	134
Frame Head	56x134
Frame Jamb	56x134
Frame Cill	83x134
Frame Mullion	N/A
Frame Transom	N/A
Sash Head	56x45
Stiles	56x45
Bottom Rail	68x45
Optional Horns	4 Options

CILLS (mm)

Standard – Flush

Optional – 25, 47, 62, 87

MATERIALS

Standard – Redwood - Finger Joint Laminated

Hardwood Option – Grandis

All timber used is FSC® Certified.

PERFORMANCE

Independently tested and accredited to BS6375 Part 1, 2 & 3.

COLOUR

Default colour – White RAL 9016

Dual colour finish – Any combination of RAL colour

Optional – Any RAL colour can be provided

Standard Allan Bros Stains:

Cypress, Teak, Mahogany & Walnut

GLAZING & GLAZING BARS

Double Glazed. Externally Glazed.

Max glass area – 0.75m².

Max width or height of glass – 1000mm.

14mm softcoat 'Low E' argon filled double glazed units (4/6/4), manufactured to BSEN1279.

Optional – Obscure glass can be fitted upon request.

Optional – Specialist putty can be applied during installation.

Standard spacer bars – Black Heritage Spacers.

Solid glazing bars – 24mm.

A range of leaded designs are available.

9mm lead is standard for rectangular and diamond lead designs.

IRONMONGERY

Fasteners: One gold coloured non-locking fastener is fitted to the meeting rails and two gold coloured hook lifts to the lower sash rail.

Security and Ventilation: One face fixed travel stop and strike plate which allows the window to be left open to a fixed height without compromising security or safety.

Optional finishes – Polished Chrome or Satin Chrome.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood.

Standard (plastic) – XS16 or Tryk vent – White or Brown.

Optional (Aluminium) – TV90 – White, Brown, Polished Chrome, Gold, SAA.

All comply with current UK building regulations.

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

Technical information, including detailed drawings, guidelines for installation, storage and operating & maintenance instructions, is available on our website.

CILLS (mm)

Standard – Flush

Optional – 25, 47, 62, 87

All timber used is FSC® Certified.

MATERIALS

Standard – Redwood - Finger Joint Laminated

Hardwood Option – Grandis

PERFORMANCE

Independently tested and accredited to BS6375 Part 1, 2 & 3.

COLOUR

Default colour – White RAL 9016

Dual colour finish – Any combination of RAL colour

Optional – Any RAL colour can be provided

Standard Allan Bros Stains:

Cypress, Teak, Mahogany & Walnut

GLAZING & GLAZING BARS

Double Glazed.

Externally Glazed.

Max glass area – 0.75m².

Max width or height of glass – 1000mm.

14mm softcoat 'Low E' argon filled double glazed units (4/6/4), manufactured to BSEN1279.

Optional – Obscure glass can be fitted upon request.

Optional – Specialist putty can be applied during installation.

Standard spacer bars – Black Heritage Spacers.

Solid glazing bars – 24mm.

A range of leaded designs are available.

9mm lead is standard for rectangular and diamond lead designs.

IRONMONGERY

Fasteners: One gold coloured non-locking fastener is fitted to the meeting rails and two gold coloured hook lifts to the lower sash rail.

Security and Ventilation: One face fixed travel stop and strike plate which allows the window to be left open to a fixed height without compromising security or safety.

Simplex fittings: Can be fitted to assist with cleaning the sash from the inside. We provide hinged batten rods as standard.

Optional – Unhinged.

Optional finishes – Polished Chrome or Satin Chrome.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood.

Standard (plastic) – XS16 or Tryk vent – White or Brown.

Optional (Aluminium) – TV90 – White, Brown, Polished Chrome, Gold, SAA.

All comply with current UK building regulations

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

Technical information, including detailed drawings, guidelines for installation, storage and operating & maintenance instructions, is available on our website.



SPIRAL BALANCE COLLECTION

WINDOW OPERATION

Sashes slide by means of partially hidden pre-tensioned springs.

- Both Sliding
- Both Fixed
- Top Sliding – Bottom Fixed
- Top Fixed – Bottom Sliding

THERMAL PERFORMANCE

Whole Window can achieve – 1.4W/m²K

SIZE AND DIMENSIONS (mm)

Allan Bros products are bespoke, therefore can be manufactured to any size – within engineering limitations and health & safety legislation.

	SPIRAL BALANCE
Frame Depth	160
Frame Head	56x160
Frame Jamb	56x160
Frame Cill	83x160
Frame Mullion	183x160
Frame Transom	N/A
Sash Head	58x58
Stiles	58x58
Bottom Rail	68x58
Optional Horns	4 Options

CILLS (mm)

Standard – Flush

Optional – 25,47,62,87

MATERIALS

Standard – Redwood - Finger Joint Laminated

Hardwood Option – Grandis

All timber used is FSC® Certified.

PERFORMANCE

Independently tested and accredited to BS6375 Part 1, 2 & 3.

COLOUR

Default colour – White RAL 9016

Dual colour finish – Any combination of RAL colour

Optional – Any RAL colour can be provided

Standard Allan Bros Stains:

Cypress, Teak, Mahogany & Walnut

The 1811 Sliding Sash Collection.

SPECIFICATION.

SLIDE & TILT

WINDOW OPERATION

Sashes slide by means of pre-tensioned springs on either side. Sashes can be tilted inwards to facilitate cleaning.

- Both sashes Slide & Tilt
- Fixed top, Slide & Tilt bottom
- Top sliding, Bottom Fixed
- Both Fixed

THERMAL PERFORMANCE

Whole window can achieve – 1.4W/m²k

SIZE AND DIMENSIONS (mm)

Allan Bros products are bespoke, therefore can be manufactured to any size - within engineering limitations and health & safety standards.

	SLIDE & TILT
Frame Depth	145
Frame Head	56x145
Frame Jamb	63x145
Frame Cill	68x145
Frame Mullion	N/A
Frame Transom	N/A
Sash Head	56x58
Stiles	53/63x58
Bottom Rail	81x58
Optional Horns	Yes

CILLS (mm)

Standard – Flush

Optional – 25, 47, 62, 87

MATERIALS

As standard – Redwood - Finger Joint Laminated

Hardwood option – Grandis

All timber used is FSC® Certified.

PERFORMANCE

Tested independently and approved to BS 6375

Part 1, Part 2 and Part 3.

Security - Certified to PAS 24.

COLOUR

Default colour – White RAL 9016

Standard Allan Bros Stains:

Cypress, Teak, Mahogany & Walnut

Optional – Any RAL colour can be provided

GLAZING & GLAZING BARS

Double Glazed

28mm Softcoat 'Low E' argon filled double glazed units (4/20/4) - manufactured to BSEN1279.

Specialist glazing can be fitted on request.

Standard spacer bars - Silver.

Optional spacer bars - White, Gold, Bronze or for thermal efficiency, Black Swiss V.

As standard, timber beads to all four sides. Beading secured by Allan Bros fixing system.

Bonded glazing bars 25mm

Solid glazing bars 40 & 56mm

A range of leaded designs are available.

9mm lead as standard for rectangular and diamond lead designs.

IRONMONGERY

Fasteners: One gold coloured locking sash lock is fitted to the meeting rails with matching tilt latch knobs and two hook lifts to the lower sash.

Security and Ventilation: One face fixed travel stop and strike plate fitted with detachable key which allows the window to be left open to a fixed height without compromising security or safety.

Optional finishes – Polished Chrome or Satin Chrome.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood.

Standard (plastic) – XS16 or Tryk vent – White or Brown.

Optional (Aluminium) – TV90 – White, Brown, Polished Chrome, Gold, SAA.

All comply with current UK building regulations

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

Technical information, including detailed drawings, guidelines for installation, storage and operating & maintenance instructions, is available on our website.



The 1811 Sliding Sash Collection.

WINDOW RANGE.



CORDS & WEIGHTS



SPIRAL BALANCE



SLIDE & TILT



Scan here for full Technical Spec including sectional drawings



Scan here for full Technical Spec including sectional drawings



Scan here for full Technical Spec including sectional drawings

STANDARD CERTIFICATION



STANDARD CERTIFICATION



STANDARD CERTIFICATION



AVAILABLE AS AN OPTION



ALLAN BROS, Allan House, Ord Road, Berwick-upon-Tweed, Northumberland TD15 2XU TEL: 01376 334655
EMAIL: enquiries@allanbrothers.co.uk WEB: www.allanbrothers.co.uk/trade

ALLAN EST. 1811 **BROS.**

Craftsmen of Timber Windows & Doors

We ARE
INWIDO

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A-Series.

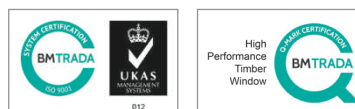
CASEMENT WINDOWS



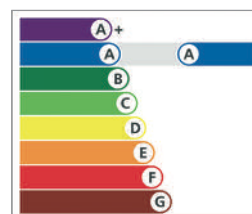
The A-Series is a high performance stormproof casement window available as side hung or top hung with the option of glazing bars to create classic designs.

Our range of high performance A-Series windows are hung on friction hinges, externally beaded and have a decorative internal moulding on both sash and frame to enhance appearance.

STANDARD CERTIFICATION



AVAILABLE AS AN OPTION



- 30 YEAR rot and fungal protection
- 10 YEAR ironmongery warranty
- 10 YEAR paint finish warranty
- 10 YEAR stained finish warranty
- 10 YEAR glazing failure warranty
- 10 YEAR manufacturing warranty

ALLAN^{EST 1811} BROS.

Craftsmen of Timber Windows & Doors

A-Series.

CASEMENT WINDOWS

Scan here for full
Technical Spec including
sectional drawings



WINDOW OPERATIONS

Outward opening

- Left Hand Side Hung
- Right Hand Side Hung
- Top Hung
- Fixed Sash
- Fixed Pane

Multi compartment frames incorporating different operations are available, see technical spec for details.

THERMAL PERFORMANCE

Whole window can achieve – 1.4W/m²K

SIZE AND DIMENSIONS (mm)

Allan Bros products are bespoke, therefore can be manufactured to any size - within engineering limitations and health & safety standards.

Frame Depth	68	92
Frame Head	68x68	68x92
Frame Jamb	56x68	56x92
Frame Cill	68x68	68x92
Frame Mullion	68x68	68x92
Frame Transom	68x68	68x92
Sash Head	70x59	70x59
Stiles	70x59	70x59
Bottom Rail	70x59	70x59

CILLS (mm)

Standard 25, 47, 62, 87

Optional 114, 140 – not covered by warranty

MATERIALS

As standard – Redwood - Finger Joint Laminated

Hardwood option – Grandis

All timber used is FSC® Certified.

PERFORMANCE

Independently tested and accredited to BS6375 Part 1 & 2. Meets the criteria for Exova BM Trada's High Performance Timber Window Scheme.

- Dual weather strip for improved weather and thermal performance.
- 'A' BFRP window energy rating is available as an option.
- 'A' rated on the BRE Green guide.
- CE marked - EN 14351-1

SECURITY

Independently tested and certified to PAS 24 meeting the requirements of Secured by Design – offered as an option.

COLOUR

Default colour – White RAL 9016

Standard Allan Bros stains – Cypress, Teak, Mahogany & Walnut.

Optional – Any RAL colour can be provided.

GLAZING & GLAZING BARS

Double or Triple Glazed.

Glazing rebates 46x18mm.

28mm Softcoat 'Low E' argon filled double glazed units (4/20/4) Triple glazed units (4/8/4/8/4).

Sealed units manufactured to BSEN1279.

Specialist glazing can be fitted on request.

Standard spacer bars – Silver.

Optional spacer bars – White, Gold, Bronze or for thermal efficiency, Black Swiss V.

As standard, fully drained and vented timber bottom bead (Alloy optional) with timber beads to top and sides.

Beading secured by Allan Bros fixing system.

All windows are security glazed to meet the requirements of PAS24.

Bonded glazing bars 25, 40, 56mm.

Solid glazing bars 56mm.

A range of leaded designs are available. 9mm as standard for rectangular and diamond lead designs.

IRONMONGERY

Hinges

Stainless steel adjustable friction hinges, allow opening to 60°.

Optional – Restrictor available to limit initial opening to under 100mm in accordance with BS8213 Part 1. Egress hinge which allows opening to 90° meets regulations for emergency access.

Handles and locks

Standard – Espagnolette locking system with lockable handles, default white. Also available in Polished Chrome, Satin Chrome, Gold, Brown and Black.

Optional – Black Monkey Tail handles.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood. Standard (plastic) - XS16 or Tryk vent White or Brown.

Optional (Aluminium) TV90.

White, Brown, Polished Chrome, Gold, or SAA. All comply with current UK building regulations.

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

Technical information, including detailed drawings, guidelines for installation, storage and operating & maintenance instructions, is available on our website.

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Dual Turn.

WINDOWS



This casement is designed to replicate the fenestration of a traditional Vertical Sliding Sash window. It offers the elegance of a period window with the practicality of a modern casement.

With a wide range of sizes and glazing finishes the Dual Turn will meet most criteria.

STANDARD CERTIFICATION



AVAILABLE AS AN OPTION



30 YEAR rot and fungal protection

10 YEAR ironmongery warranty

10 YEAR paint finish warranty

10 YEAR stained finish warranty

10 YEAR glazing failure warranty

10 YEAR manufacturing warranty

ALLAN EST 1811 **BROS.**

Craftsmen of Timber Windows & Doors

Dual Turn.

WINDOWS

Scan here for full
Technical Spec including
sectional drawings



SASH OPERATIONS

- Outward Opening
- Fully reversible
- Fixed Sash
- Bottom - Right or Left hand hung can open inwards or outwards for fire escape.

SASH SPLIT

Standard - 50/50, 40/60, 33/66
Specific sash splits available upon request.

THERMAL PERFORMANCE

Whole window can achieve – 1.5Wm²K

SIZE AND DIMENSIONS (mm)

Allan Bros products are bespoke, therefore can be manufactured to any size (within engineering limitations and health & safety standards).

Frame Depth	140
Frame Head	68x140
Frame Jamb	68x140
Frame Cill	68x140

TOP SWING - FULLY REVERSIBLE

A canopy hinge is used to fully reverse the sash horizontally through 180° for ease of cleaning. It also incorporates a restrictor and anti-blow back mechanism.

Sash Head	68x56
Stiles	68x56
Bottom Rail	68x56

CILLS (mm)

Standard – 25, 47, 62, 87

MATERIALS

As standard – Redwood - Finger Joint Laminated

Hardwood option – Grandis

All timber used is FSC® Certified.

PERFORMANCE

Independently tested and accredited to BS6375
Part 1, 2 & 3

SECURITY

Independently tested and certified to PAS 24 meeting the requirements of Secured by Design - offered as an option.

COLOUR

Default colour – White RAL 9016

Standard Allan Bros stains – Cypress, Teak, Mahogany & Walnut.

Optional – Any RAL colour can be provided.

GLAZING & GLAZING BARS

Double Glazed.

Glazing rebates 40x20mm.

22mm Softcoat 'Low E' argon filled double glazed units (4/14/4).

As an option Specialist glazing can be fitted to meet Secure By Design requirements.

Standard spacer bars - Silver.

Optional spacer bars - White, Gold, Bronze or for thermal efficiency, Black Swiss V.

As standard, timber beads all round. Beading secured by Allan Bros fixing system.

All windows are security glazed to meet the requirements of PAS24.

Bonded glazing bars 25mm.

Solid glazing bars 56mm.

Horns are available to top sash.

IRONMONGERY

Hinges

Top Swing - Fully Reversible

A canopy hinge is used to fully reverse the sash horizontally through 180° for ease of cleaning. It also incorporates a restrictor and anti-blow back mechanism. Each sash operates independently.

Handles and locks

Standard - Non locking fasteners.

Optional - Espagnolette locking system with lockable handles - default white. Also available in Polished Chrome, Satin Chrome, Gold, Brown and Black.

Fire Escape

On certain sizes the bottom sash can be fitted with a side hung, inward opening sash, this allows the Dual Turn to be used for fire egress purposes - compliant with current regulations.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood. Standard (plastic) - XS16 or Tryk vent White or Brown.

Optional (Aluminium) TV90.

White, Brown, Polished Chrome, Gold, or SAA.

All comply with current UK building regulations.

OTHER TECHNICAL INFORMATION

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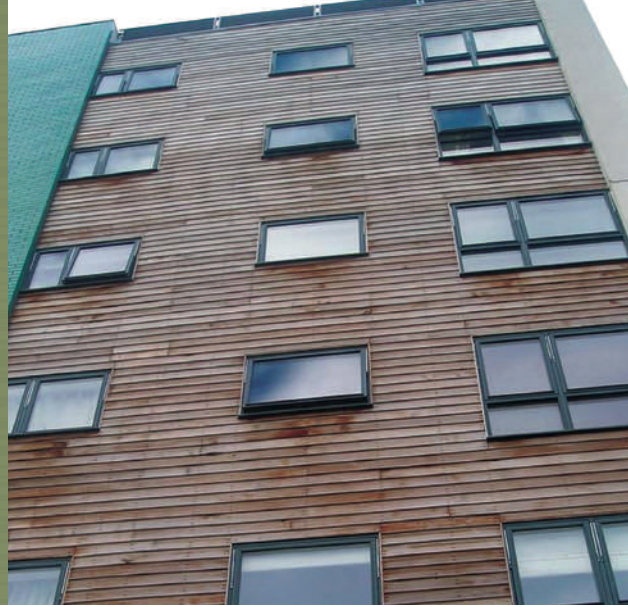
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H-Type.

CASEMENT WINDOWS



First introduced in the UK by Allan Bros in 1979, this window system has since been improved through both design and experience and now offers a tried and proven high performance product.

Recent improvements are both design and performance related and can include an attractive internal moulding on both sash and frame as well as an improved glazing system.

STANDARD CERTIFICATION



AVAILABLE AS AN OPTION



- 30 YEAR rot and fungal protection
- 10 YEAR ironmongery warranty
- 10 YEAR paint finish warranty
- 10 YEAR stained finish warranty
- 10 YEAR glazing failure warranty
- 10 YEAR manufacturing warranty

ALLAN^{EST 1811}BROS.
Craftsmen of Timber Windows & Doors

H-Type.

CASEMENT WINDOWS

Scan here for full
Technical Spec including
sectional drawings



WINDOW OPERATIONS

Outward opening

- Top Swing Fully Reversible
- Fixed Sash
- Fixed Pane

Available with or without infill panels various designs available.

THERMAL PERFORMANCE

Whole window can achieve – 1.4W/m²K

SIZE AND DIMENSIONS (mm)

Allan Bros products are bespoke, therefore can be manufactured to any size - within engineering limitations and health & safety standards.

Frame Depth	92
Frame Head	68x92
Frame Jamb	68x92
Frame Cill	68x92
Frame Mullion	82x92
Frame Transom	82x92
Sash Head	56x66.5
Stiles	56x66.5
Bottom Rail	56x66.5

CILLS (mm)

Standard – 25, 47, 62, 87

Optional 114, 140 – not covered by warranty

MATERIALS

As standard – Redwood - Finger Joint Laminated

Hardwood option – Grandis

All timber used is FSC® Certified.

PERFORMANCE

Independently tested and accredited to BS6375 Part 1 & 2

SECURITY

Independently tested and certified to PAS 24.

COLOUR

Default colour – White RAL 9016

Standard Allan Bros stains – Cypress, Teak, Mahogany & Walnut.

Optional – Any RAL colour can be provided.

GLAZING & GLAZING BARS

Double or Triple Glazed.

28mm Softcoat 'Low E' argon filled double glazed units (4/20/4) Triple glazed units (4/8/4/8/4).

Sealed units manufactured to BSEN1279. Specialist glazing can be fitted on request.

Standard spacer bars - Silver.

Optional spacer bars - White, Gold, Bronze or for thermal efficiency, Black Swiss V.

As standard, fully drained and vented alloy bottom bead (Timber optional) with timber beads to top and sides.

Beading secured by Allan Bros fixing system.

All windows are security glazed to meet the requirements of PAS24.

Bonded glazing bars 25, 40, 56mm.

Solid glazing bars 56mm.

IRONMONGERY

Hinges

Top Swing - Fully Reversible

A top swing hinge is used to fully reverse the sash horizontally through 180° for ease of cleaning. It also incorporates a restrictor.

Standard specification meets the requirements of PAS 24 – enhanced security for windows.

Handles and locks

Standard – Espagnolette locking system with lockable handles, default white.

Also available in Polished Chrome, Satin Chrome, Gold, Brown and Black.

Optional Black Monkey Tail handles.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood. Standard (plastic) - XS16 or Tryk vent White or Brown.

Optional (Aluminium) TV90.

White, Brown, Polished Chrome, Gold, or SAA.

All comply with current UK building regulations.

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

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Craftsmen of Timber Windows & Doors

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System 2000.

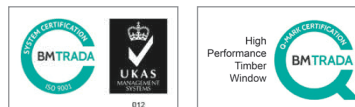
WINDOWS



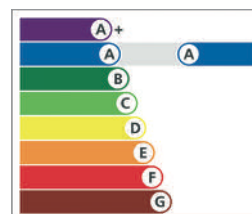
System 2000 is an advanced suite of outward opening flush casement windows.

With a choice of hinges they offer various modes of operation from a common section. This gives specifiers the flexibility to use multi-compartment frames incorporating different options without compromising the external appearance of the building.

STANDARD CERTIFICATION



AVAILABLE AS AN OPTION



30 YEAR rot and fungal protection
10 YEAR ironmongery warranty
10 YEAR paint finish warranty
10 YEAR stained finish warranty
10 YEAR glazing failure warranty
10 YEAR manufacturing warranty

ALLAN^{EST 1811} BROS.

Craftsmen of Timber Windows & Doors

System 2000.

WINDOWS

Scan here for full
Technical Spec including
sectional drawings



WINDOW OPERATIONS

Outward opening

- Left Hand Side Hung
- Right Hand Side Hung
- Top Swing Fully Reversible
- Top Hung Projecting
- Fixed Sash
- Fixed Pane

Multi compartment frames incorporating different operations are available, see technical spec for details.

THERMAL PERFORMANCE

Whole window can achieve – 1.4Wm²K

SIZE AND DIMENSIONS (mm)

Allan Bros products are bespoke, therefore can be manufactured to any size - within engineering limitations and health & safety standards.

Frame Depth	92
Frame Head	68x92
Frame Jamb	68x92
Frame Cill	68x92
Frame Mullion	82x92
Frame Transom	82x92
Sash Head	56x66.5
Stiles	56x66.5
Bottom Rail	56x66.5

CILLS (mm)

Standard – 25, 47, 62, 87

Optional 114, 140 – not covered by warranty

MATERIALS

As standard – Redwood - Finger Joint Laminated

Hardwood option – Grandis

All timber used is FSC® Certified.

PERFORMANCE

Independently tested and accredited to BS6375 Part 1 & 2. Meets the criteria to achieve Exova BM Trada's High Performance Timber Window Scheme.

SECURITY

Independently tested and certified to PAS 24 meeting the requirements of Secured by Design - offered as an option.

COLOUR

Default colour – White RAL 9016

Standard Allan Bros stains – Cypress, Teak, Mahogany & Walnut.

Optional – Any RAL colour can be provided.

GLAZING & GLAZING BARS

Double or Triple Glazed.

Glazing rebates 47x20mm.

28mm Softcoat 'Low E' argon filled double glazed units (4/20/4) Triple glazed units (4/8/4/8/4).

Sealed units manufactured to BSEN1279. Specialist glazing can be fitted on request.

Standard spacer bars Silver.

Optional spacer bars – White, Gold, Bronze or for thermal efficiency, Black Swiss V.

As standard, fully drained and vented timber bottom bead (Alloy optional) with timber beads to top and sides.

Beading secured by Allan Bros fixing system.

All windows are security glazed to meet the requirements of PAS24.

Bonded glazing bars 25, 40, 56mm.

Solid glazing bars 56mm.

A range of leaded designs are available. 9mm as standard for rectangular and diamond lead designs.

IRONMONGERY

Hinges

Top Swing - Fully Reversible

A top swing hinge is used to fully reverse the sash horizontally through 180° for ease of cleaning. It also incorporates a restrictor and anti-blow back mechanism.

Available in a specification that meets the requirements of PAS 24 – enhanced security for windows.

Top Hung, Project Hinges

Outward opening sash on flush fitting hinges to accommodate a smaller sash.

Side Hung, Projecting Hinges

Outward opening sash on heavy duty friction stays, allowing opening to 88° for ease of cleaning. Available in a specification that meets the requirements of PAS 24 – enhanced security for windows.

Handles and locks

Standard – Espagnolette locking system with lockable handles, default white. Also available in Polished Chrome, Satin Chrome, Gold, Brown and Black.

Optional Black Monkey Tail handles. Key locking restrictors.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood. Standard (plastic) - XS16 or Tryk vent White or Brown.

Optional (Aluminium) TV90.

White, Brown, Polished Chrome, Gold, or SAA.

All comply with current UK building regulations.

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

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ALLAN EST 1811 **BROS.**

Craftsmen of Timber Windows & Doors

Thermo HS, Thermo HS Alu.

WINDOW SYSTEMS

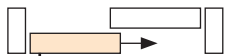


Our THERMO HS range fulfils the desire for large glazed spaces in residential properties. These high performance hoisted sliding doors are manufactured from Engineered Redwood, meranti or oak, with aluminium-clad options also available.

The Thermo HS can be easily opened and adjusted, with either simple manual operation or a fully automated system. Various configurations and opening methods are available, including an impressive corner system with no central post.

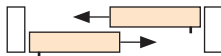
- 30 YEARS timber protection
- 10 YEARS ironmongery guarantee
- 10 YEARS paint finish guarantee
- 10 YEARS stain finish guarantee
- 10 YEARS glazing guarantee
- 10 YEARS manufacturing warranty

ALLAN^{EST 1811}BROS.
Craftsmen of Timber Windows & Doors



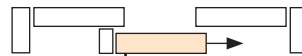
Type A

Width	1500-6600mm
Height	1400-2800mm (higher available after checking with Allan Bros)



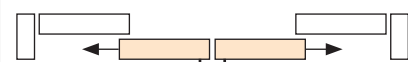
Type D

Width	1500-6600mm
Height	1400-2800mm (higher available after checking with Allan Bros)
Note: Possible only with Thermo HS system	



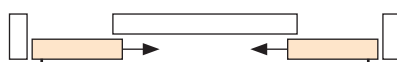
Type G-2

Width	2100-10000mm
Height	1400-2800mm (higher available after checking with Allan Bros)



Type C

Width	2900-13100mm (higher available after checking with Allan Bros)
Height	1400-2800mm (higher available after checking with Allan Bros)



Type K

Width	2900-10000mm (higher available after checking with Allan Bros)
Height	1400-2800mm (higher available after checking with Allan Bros)

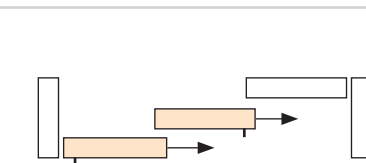


Type L

Width	4100-19700mm
Height	1400-2800mm

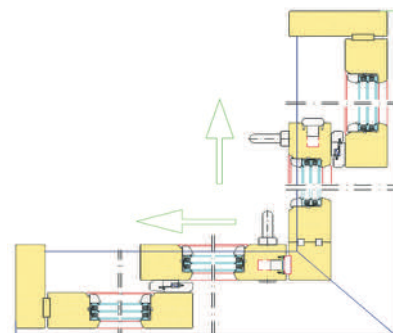
Fixedlight

Width	500-3400mm (higher available after checking with Allan Bros)
Height	500-2800mm (higher available after checking with Allan Bros)



Type E

Width	2100-9900mm
Height	1400-2800mm (higher available after checking with Allan Bros)



Corner Slider with Flying Mullion

Width	1500-6600mm
Height	1400-2800mm (higher available after checking with Allan Bros)

STANDARD FINISHED SECTIONS

Max. sash weight – 400kg

Frame Head	188x56mm (206x56mm when alu clad version)
Frame Jambes	188x56mm (206x56mm when alu clad version)
Threshold	190x65mm
Lowered Threshold	190x55mm (285 or 295x90mm for Type E and L)
Sash Head and Stiles	100x80mm (86x92mm when alu clad version)
Sash Bottom Rail	153x80mm (159x92mm when alu clad version)

PERFORMANCE

Fully tested according EN 14351-1:2006+A1:2010 (CE marked) – water tightness, U-value, acoustic, load bearing capacity, air permeability, wind resistance, operating forces.

Thermal: whole window values $U_w=1,33W/m^2K$ with 2-glazed unit and $U_w=0,98$ with 3-glazed unit.

CONSTRUCTION

All timber used in the manufacture of Thermo HS is harvested from well managed forests. Allan Bros are proud to only use softwood that is FSC® certified timber.

Working with a natural material such as wood means taking our environmental responsibilities very seriously. We do this by conserving resources and selecting wood at the highest available quality. We then scan the wood to identify any imperfections. The timber corner joints are doubled tenoned; and the sliding leaf is mounted inside within the frame.

TIMBER

Available in Engineered Redwood, Meranti or Oak.

GLAZING

Glazing beads located inside, timber only version including bottom aluminium powder coated or anodized drip cup outside.

Glass – available double and triple glazed units. Min. glass thickness 24mm, max. 42mm

GLAZING BARS

Various bars available: stick on bars, inside glass bars, glass dividing bars.

IRONMONGERY

All sliding and espagnolette systems are manufactured from high grade materials that provide high mechanical performance, which comply with all the latest standards.

Additional possibilities: marine grade finish of fittings, remote control system.

RESTRICTED OPENING

The opening leaf can be left partially open in a restricted position by rotating the handle back into the closed position at any point along the sliding track. Night vent position also available.

WEATHERSTRIPS

The sealing between the sash and frame is achieved by a highly durable weatherstrip. This weatherstrip is compressed by the sash onto the frame rebate thus ensuring maximum weather tightness when subjected to severe weather conditions.

FACTORY FINISH

Our doors are supplied fully finished using water based paints and stains and are preserved with an environmentally friendly biodegradable protection treatment against rot and mould.

After assembly, all our doors are then primed and sanded before they are finished with a flawless coating of paint.

Our doors and window systems are available in all standard RAL colours, as well as our standard colour range. Any internal and external colour combination is possible and some stain options.

The external standard RAL colours have a standard sheen level of 30% gloss.

VENTILATORS

Ventilators are available on request.

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

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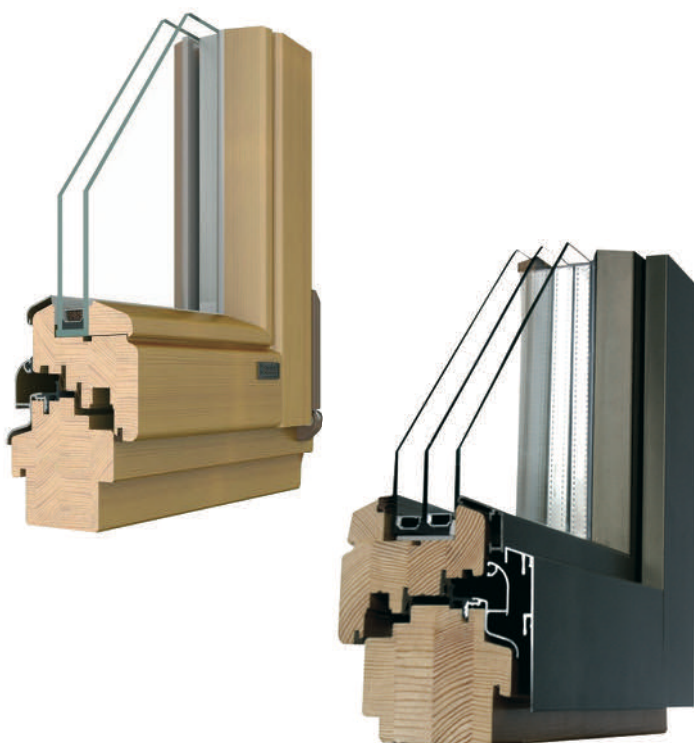
Craftsmen of Timber Windows & Doors

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IV-UNI.

WINDOWS & BALCONY DOORS



The IV-UNI system is a high performance range of Tilt and Turn windows and doors manufactured from Engineered Redwood, oak or meranti. Available in Timber and Timber/Aluminium Clad.

All windows and doors are made to your specific requirements and are supplied fully finished for a quality look and feel.

This system offers four section profiles which can be combined to provide the best solution for the design of the building.

STANDARD CERTIFICATION



AVAILABLE AS AN OPTION



30 YEARS timber protection
10 YEARS ironmongery warranty
10 YEARS paint finish warranty
10 YEARS stain finish guarantee
10 YEARS glazing guarantee
10 YEARS manufacturing warranty

ALLAN^{EST 1811} BROS.

Craftsmen of Timber Windows & Doors

IV-UNI windows & balcony doors.

SPECIFICATION.

SPECIFICATIONS

The IV-UNI Tilt and Turn window system is available in Timber, Timber/Aluminium Clad.

Each of these are available in 2 profiles; Thermo 80 and Elite 92 to deliver a flexible system which can be tailored to specific requirements for thermal efficiency and sound reduction, however demanding.

Thermo 80 will accept glass unit thickness up to 42mm, Elite 92 will accept up to 54mm thickness.

SYSTEM CONFIGURATIONS

- Tilt and Turn
- Turn Only
- Tilt Only
- Tilt and Slide
- Lift and Slide

SIZES

The recommended minimum and maximum overall frame sizes are:

Width	Min 490mm - Max 1500mm
Height	Min 675mm - Max 2500mm
Maximum area for sash	2.5m ²

PERFORMANCE

Tested independently and have reached and exceeded the requirements for:

BS 6375-Pt 1:2009 Performance of windows and doors - weather tightness.

BS 6375-Pt 2:2009 Performance of windows and doors - operation and strength.

BS 7950:1997 Specification for enhanced security performance of windows for domestic applications.

Thermal u-values of 1.2Wm²K - 0.8Wm²K are available.

Sound Reduction: Windows are available with sound reduction of typically 32 Rw db up to 42 Rw db, others also available.

WHOLE WINDOW U-VALUE

0.8 W/m²k

WIND RESISTANCE - 80IV

C4 = 1600PA

WATER TIGHTNESS - 80IV

E1050 - 1050PA

THERMO 80

FRAME/SASH MATERIAL	TIMBER (mm)	TIMBER /ALU CLAD (mm)
Frame Head	80x83	91.5x91
Frame Jambs	80x83	91.5x91
Frame Cill	80x78	91.5x111
Frame Mullion	80x110 (or 124)	91.5x126 (or 140)
Frame Transom	80x97	91.5x140
Sash Head	80x80	91.5x85
Sash Stiles	80x80	91.5x85
Sash Bottom Rail	80x80	91.5x85

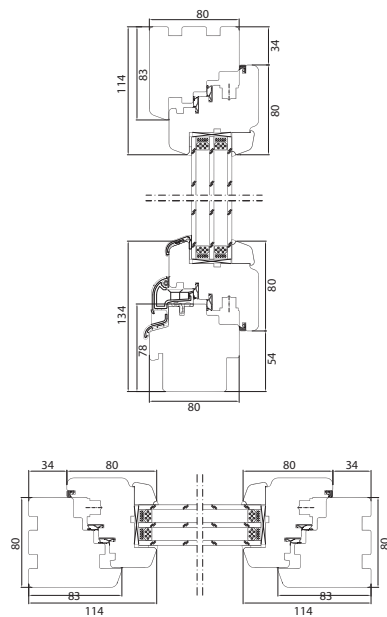


ELITE 92

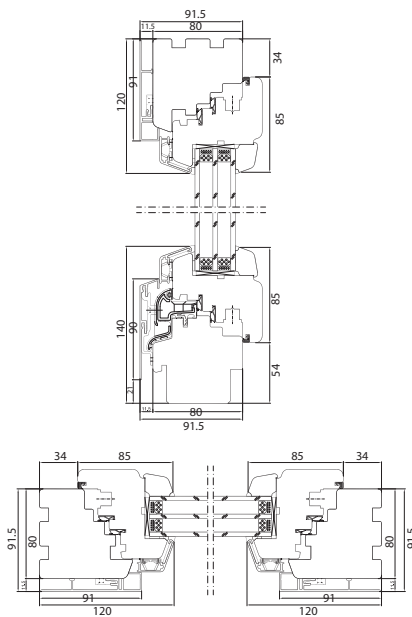
FRAME/SASH MATERIAL	TIMBER (mm)	TIMBER /ALU CLAD (mm)
Frame Head	92x83	103.5x91
Frame Jambs	92x83	103.5x91
Frame Cill	92x78	103.5x111
Frame Mullion	92x110 (or 124)	103.5x126 (or 140)
Frame Transom	92x97	103.5x140
Sash Head	92x80	103.5x85
Sash Stiles	92x80	103.5x85
Sash Bottom Rail	92x80	103.5x85



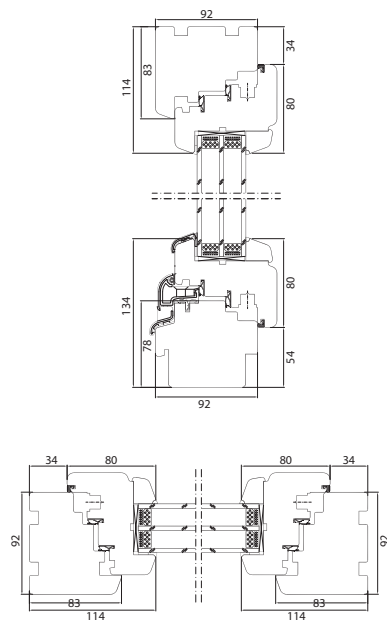
TIMBER



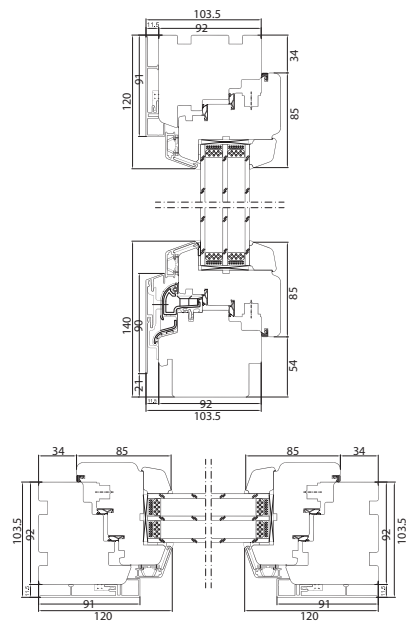
TIMBER/ALUMINIUM



TIMBER



TIMBER/ALUMINIUM



IV-UNI.

WINDOWS & BALCONY DOORS

CONSTRUCTION

All timber used in the manufacture of IV-UNI windows is harvested from well managed forests and is FSC® certified.

Using the most advanced production techniques, the windows are manufactured using laminated and finger jointed sections of carefully chosen timber. This eliminates knots and other imperfections, reduces wastage and increases the rigidity and quality of timber, providing a high quality finish to the product. All timber is preservative treated before assembly.

GLAZING

(AVAILABLE DOUBLE OR TRIPLE GLAZED)

The internal glazing bottom rebate in all openings has a system to allow water to drain and air to circulate. The internal glazing beads are fixed using a concealed nailing system.

Glazing unit sizes are 24-54mm depending on the profile chosen.

GLAZING BARS

Glazing bars, transoms and mullions can be added into the frame to form different glazed or sashed configurations. Combined with a variety of Add-On Bars you can create various designs within the glazing areas.

IRONMONGERY

We use a range of ironmongery obtained from the best manufacturers making sure that they comply with all the latest standards.

All hinges and espagnolette systems are manufactured from high grade materials that provide high mechanical performance.

RESTRICTORS

Window restrictors are available upon request.

WEATHERSTRIPS

The sealing between the sash and frame is achieved by three continuous weatherstrips. This is compressed by the sash onto the frame rebate thus ensuring maximum weather tightness when subjected to severe weather conditions. Test reports are available on request.

FACTORY FINISH

We preserve all our windows and doors with a protection treatment against rot and mould.

In addition to our standard colour range, our IV-UNI window range is available in any RAL colour. We can offer a choice of combinations of different paint colours of the interior and exterior surfaces and also provide paint and stain combinations. Mixed stain colours are not possible.

The external aluminium cladding has a polyester powder coating (minimum 60 micron thickness) in standard RAL colours, excluding metallics. Standard gloss is 30%, with optional 77% gloss available upon request.

VENTILATORS

A range of ventilators, through the frame head or sash, are available in white, brown, gold or SAA.

CILLS

Timber and aluminium cill extensions are available on request.

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

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ALLAN EST. 1811 **BROS.**

Craftsmen of Timber Windows & Doors

we ARE
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Horizont.

WINDOWS & DOORS



Horizont is a high performance range of flush casement windows and doors. Available in numerous styles from sash and outward opening windows to entrance, terrace and sliding patio doors. This durable range is manufactured from Engineered Redwood with an aluminium clad face.

Our windows and doors are supplied fully finished and made to your specific requirements, including special shapes.

STANDARD CERTIFICATION



The mark of
responsible forestry

- 30 YEARS timber protection
- 10 YEARS ironmongery guarantee
- 10 YEARS paint finish guarantee
- 10 YEARS stain finish guarantee
- 10 YEARS glazing guarantee
- 10 YEARS manufacturing warranty

ALLAN^{EST 1811} BROS.

Craftsmen of Timber Windows & Doors

Horizont.

WINDOWS & DOORS

CONFIGURATIONS AND SIZES

RECOMMENDED SIZES	MIN WxH (mm)	MAX WxH (mm)
Windows – outward opening		
Side Hung (Butt Hinged)	328x378	873x1668
Side Swing 90°	398x468	873x1668
Top Guided	408x368	1568x1568
Top Hung Reversible	408x688	1568x1568
Fixed Frame	226x226	2400x2400
Fixed Sash	358x568	2400x2400
Doors – Inward & outward opening		
Entrance Doors	418x1673	1118x2293
Terrace Doors	788x1728	2178x2293
Sliding Patio Doors	1398x1378	4198x2400

THERMAL PERFORMANCE

Whole window can achieve – U-value = 1,30
Whole door can achieve – U-value = 1,33

SIZE AND DIMENSIONS (mm)

Standard Finished Sections including Aluminium Clad	
Frame Depth	124
Frame Head	124x50
Frame Jamb	124x50
Frame Cill	124x50
Frame Mullion	112x60
Frame Transom	112x60
Sash Head	68x56
Sash Stiles	68x56
Sash Bottom Rail	68x56

PROFILE

Softline or Classic.

ALUMINIUM CILLS (mm)

Optional – 60, 85, 110, 135, 160, 185, 210

WEATHER-STRIPS

A weather-strip is compressed by the sash onto the frame rebate ensuring maximum weather tightness.

MATERIALS

Engineered Redwood with Aluminium Cladding.

All timber used is FSC® certified.

PERFORMANCE

Independently tested and exceeded the requirements for:

- BS6375-Pt 1:2009 Performance of windows and doors – Weather Tightness.
- BS6375-Pt 2:2009 Performance of windows and doors – Operation and Strength.
- Sound Reduction – glass typically 31-38 Rw dB.

COLOUR

Default colours:

External cladding – Graphite Grey RAL7016

Internal timber – White RAL 9010

Optional:

Any RAL colour can be provided.

Stains available on request.

GLAZING & GLAZING BARS

Double or Triple Glazed

24mm Clear Float 'Low E' argon filled double glazed units (4/16/4) Triple glazed units (4/14/4/14/4).

Specialist glazing can be fitted on request.

Standard spacer bars – Black Swiss V.

Bonded glazing bars – 25, 42 or 60mm

Solid glazing bars – 60mm

IRONMONGERY

Hinges – Windows

Standard – stainless steel friction hinges

Side Hung – stainless steel butt hinges

Side Swing – Egress hinge which allows opening to 90°

Restrictors

Reversible windows have a restrictor built into the hinge (child safety restriction 100mm) and fully reversible restriction for cleaning (no brake). All other configurations have restrictors as an option.

Handles and Locks Windows

Standard – stainless steel friction hinges

Handles available lockable and non-lockable – default colour silver, also available in Gold and White.

FACTORY FINISH

All products are sold fully factory finished. They are treated with environmentally friendly biodegradable protection treatment against rot and mould.

After assembly, all windows and door frames are primed and sanded before painting.

The external aluminium cladding has a polyester powder coating (minimum 60 micron thickness).

VENTILATORS

Vents can only be fitted in the side frame of windows and outward opening doors, usually on the hinge side. Inward opening doors can have a vent in the top rail with a canopy outside.

Default – Silver

Optional – White or Gold.

OTHER TECHNICAL INFORMATION

Allan Bros provide a full technical back-up service covering all aspects of products and glazing performance.

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ALLAN EST 1811 **BROS.**

Craftsmen of Timber Windows & Doors

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Scotdoor Range.

EXTERNAL DOORSETS



Scotdoors are entrance doors that combine tried and proven Scandinavian technology with traditional British styling to give exceptional performance against the weather and a high level of resistance to forced entry.

Scotdoors are supplied as fully assembled doorsets and include frame, door, glazing, locks and handles. This enables them to be installed quickly and accurately, keeping fixing costs to a minimum and speeding up construction programmes.

STANDARD CERTIFICATION



AVAILABLE AS AN OPTION



30 YEAR rot and fungal protection

10 YEAR ironmongery warranty

10 YEAR paint finish warranty

10 YEAR stained finish warranty

10 YEAR glazing failure warranty

10 YEAR manufacturing warranty

ALLAN ESTD 1811 **BROS.**

Craftsmen of Timber Windows & Doors

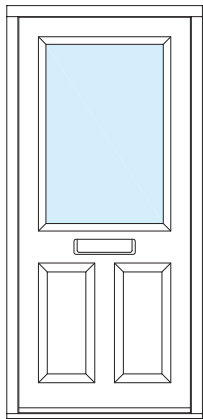
SCOTDOOR range with security and style.

Below is our standard range of Scotdoors, you will notice that the 'Calder' and the 'Forth' are Right Hand hung, the design will be reversed if they are ordered as Left Hand hung (ie the glass panel will be moved to the right).

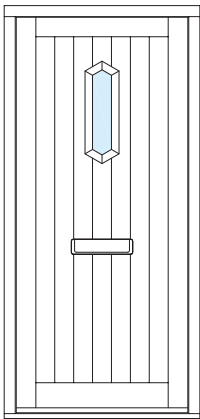
Although all doors are shown with a letterbox, this is not standard, however, this can be supplied as an option.



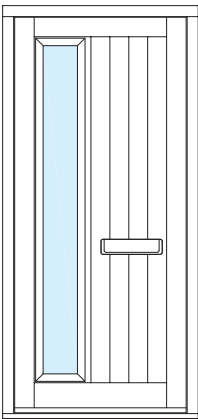
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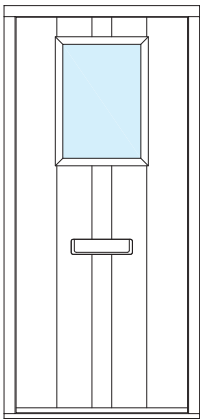
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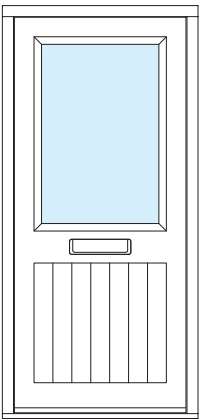
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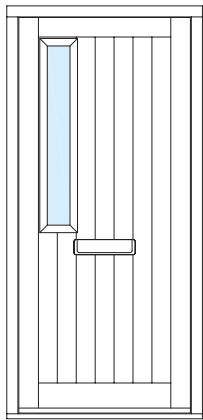
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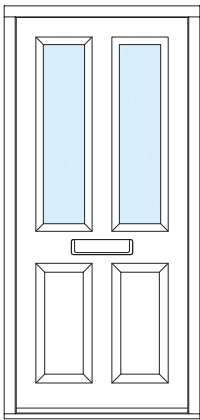
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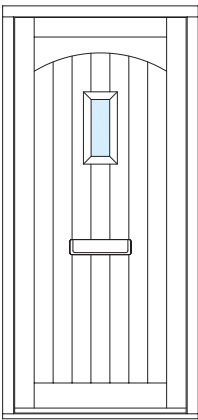
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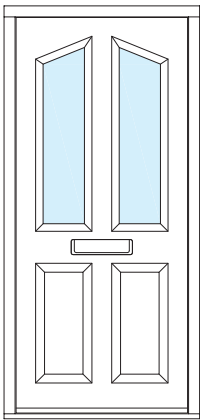
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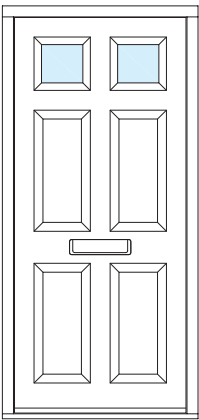
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LOMOND



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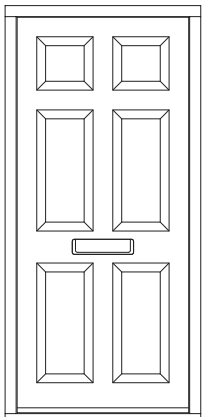




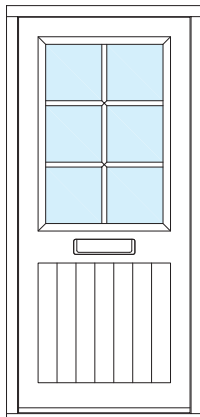
TAILORED TO YOUR SPECIFICATION

Our experienced CAD team can specify and design to your own specifications, alternatively customise one of our standard range – add bars, change the shape or size of glass panels, have grooves instead of bolections etc. Each design will be considered individually and providing it is within engineering limitations and Health & Safety standards a price will be given.

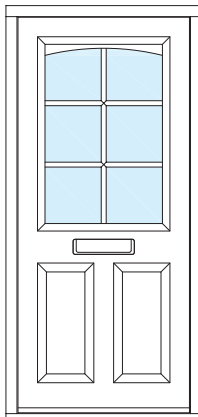
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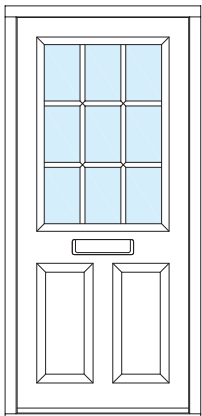
EARN



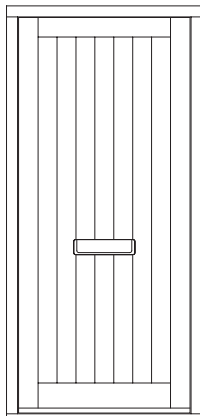
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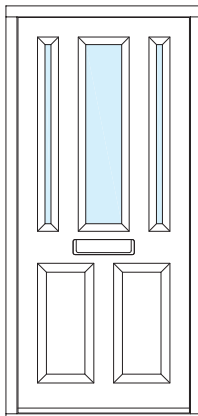
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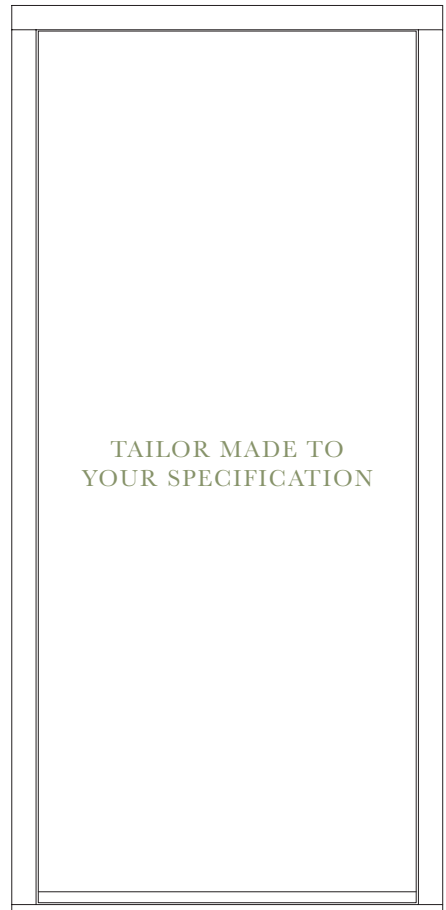
TROMLEE



TWEED



TAILOR MADE TO
YOUR SPECIFICATION



Scotdoor Range.

EXTERNAL DOORSETS

DOOR OPERATION

Standard – Open in

Option – Open out

- Right Hand Hung
- Left Hand Hung

THERMAL PERFORMANCE

Can achieve 1.0 to 1.2W/m²k

SIZE (mm) SINGLE LEAF DOOR

Min – 800 x 2000

Max – 1080 x 2126

Standard size for new build 950 x 2100

Frame Depth	92
Frame Head	56x92
Frame Jamb	56x92

Aluminium threshold with optional timber sub-sole.

THRESHOLD

As standard – low level thresholds for wheelchair access in accordance with: Approved Document M England & Wales and the Scottish Building standards section 4.

CILLS (mm)

Standard – 25, 47, 62, 87

Optional – 114, 140 – not covered by warranty

CONSTRUCTION & MATERIALS

Frame

As standard – Redwood - Finger Joint Laminated Hardwood option – Grandis

Door

The composite door has a bonded sandwich construction providing a high degree of stability, with the aluminium plates acting as an effective moisture barrier.

The insulating core gives an exceptional U-Value as low as 0.95W/m²k. This significantly reduces the effect of temperature differential which is the main cause of door failure.

SECURITY

Independently tested and certified to PAS 24, meeting the requirements of Secured by Design – offered as an option.

3 Point locking system

Security Glazing

Security Handle

Any alteration from standard spec may negate PAS 24 certification. Please check.

COLOUR

Default colour – White RAL 9016

Standard Allan Bros Stains:

Cypress, Teak, Mahogany & Walnut

Optional – Any RAL colour can be provided

GLAZING & GLAZING BARS

Double Glazed

28mm clear soft-coat 'Low E' argon filled double glazed units.

Specialist glazing can be fitted on request.

Standard spacer bars – silver

Optional spacer bars – White, Gold, Bronze or for thermal efficiency, Black Swiss V

Bonded glazing bars 25mm

IRONMONGERY

Hinges

Hung on 3 heavy duty adjustable security steel hinges.

Handles and locks

Security handles and Kite-marked Euro cylinder lock barrels are fitted as standard.

Colour Options - Polished Chrome, Satin Chrome, Gold, White or Black.

Door furniture

Optional - Letter plates, Spy-holes, numbers and Security chains.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

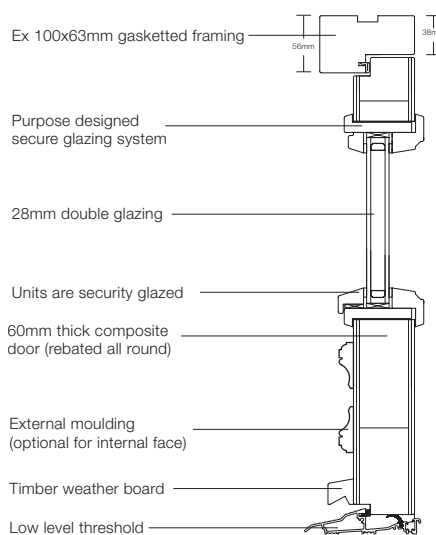
All Allan Bros coatings are water based, therefore, environmentally friendly. After base-coat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

OTHER TECHNICAL INFORMATION

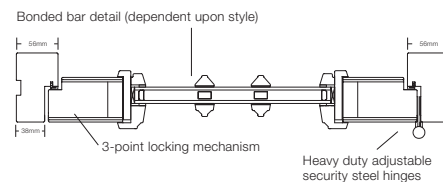
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Vertical Section (Open in Scotdoor)



Horizontal Section (Open in Scotdoor)

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ALLAN BROS. EST. 1811

Craftsmen of Timber Windows & Doors

French Doors.

EXTERNAL DOORSETS



The A-Series French doors complement our range of high performance windows and doors, designed and manufactured to the same exacting standard.

These external doorsets are supplied fully assembled and include frame, door(s), glazing, locks and handles.

STANDARD CERTIFICATION



AVAILABLE AS AN OPTION



30 YEAR rot and fungal protection

10 YEAR ironmongery warranty

10 YEAR paint finish warranty

10 YEAR stained finish warranty

10 YEAR glazing failure warranty

10 YEAR manufacturing warranty

ALLAN ESTD 1811 **BROS.**

Craftsmen of Timber Windows & Doors

French Doors.

EXTERNAL DOORSETS

Scan here for full
Technical Spec including
sectional drawings



DOORSET

This comprises of Frame, door(s), glazing, locks and handles.

DOOR OPERATION

- Single Door Right Hand or Left Hand Open In
- Single Door Right Hand or Left Hand Open Out
- Double Doors Open In
- Double Doors Open Out

Available with or without infill panels various designs available.

THERMAL PERFORMANCE

Whole door can achieve – 1.5Wm²K

GENERAL GUIDE WIDTHS

Single door – min 600mm max 1036mm
Double doors – min 1200mm max 2000mm

SIZE AND DIMENSIONS (mm)

Frame Depth	92
Frame Head	68x92
Frame Jamb	56x92
Sash Head	116x59
Stiles	116x59
Bottom Rail	162x59

Aluminium threshold, with optional timber sub-sole.

THRESHOLD

As standard - low level thresholds for wheelchair access in accordance with: Approved Document M England & Wales and the Scottish Building standards – section 4.

CILLS (mm)

Standard – 25, 47, 62, 87
Optional 114, 140 – not covered by warranty

MATERIALS

As standard – Redwood - Finger Joint Laminated
Hardwood option – Grandis
All timber used is FSC® Certified.

SECURITY

Independently tested and certified to PAS 24 meeting the requirements of Secured by Design - offered as an option. 59mm door leaf thickness, security hinges, concealed multi-point espagnolette with dead bolt, concealed shotbolts to the slave leaf and security glazing.

Any alteration from the standard spec may negate PAS 24 accreditation, please check

COLOUR

Default colour – White RAL 9016

Standard Allan Bros stains – Cypress, Teak, Mahogany & Walnut.

Optional – Any RAL colour can be provided.

GLAZING & GLAZING BARS

Double or Triple Glazed.

Glazing rebates 46x18mm. 28mm Softcoat 'Low E' argon filled double glazed units (4/20/4) Triple glazed units (4/8/4/8/4). PAS 24 requires laminated glass.

Sealed units manufactured to BSEN1279.

Specialist glazing can be fitted on request.

Standard spacer bars – Silver.

Optional spacer bars – White, Gold, Bronze or for thermal efficiency, Black Swiss V.

As standard, fully drained and vented timber beads to top and sides. Beading secured by Allan Bros fixing system.

All windows are security glazed to meet the requirements of PAS24.

Bonded glazing bars 25, 40, 56mm.

Solid glazing bars 56mm.

A range of leaded designs are available. 9mm as standard for rectangular and diamond lead designs.

IRONMONGERY

Hinges

Fully adjustable security hinges, which allow any final adjustment to be done easily by fitters.

Handles and locks

Security handles and Kite-marked Euro cylinder lock barrels are fitted as standard.
Colour Options - Polished Chrome, Satin Chrome, Gold, White or Black.

FACTORY FINISH

All products are sold fully factory finished. They are treated with an organic preservative after all machining to ensure complete protection across all faces.

All Allan Bros coatings are water based, therefore, environmentally friendly. After basecoat, components have end grain sealer applied. Opaque colours use stain blocking primer. Top coats are high build breather paints.

VENTILATORS

Vents are concealed within the frame head, eliminating the need for an unsightly and vulnerable external hood. Standard (plastic) - XS16 or Tryk vent White or Brown.

Optional (Aluminium) TV90.

White, Brown, Polished Chrome, Gold, or SAA.

All comply with current UK building regulations.

OTHER TECHNICAL INFORMATION

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ALLAN EST 1811 BROS.

Craftsmen of Timber Windows & Doors

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ALLAN EST. 1811 BROS.

Craftsmen of Timber Windows & Doors

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