



The Company

Allan Brothers has been providing quality timber products since 1811 and is Britain's longest existing high performance joinery company.

We have a reputation for reliability, availability, high standards of design and craftsmanship and for consistently providing a value for money product and service.

Our range of high performance timber engineered products includes:-

- **Advanced Casement Windows**
- 'Scotdoors' External Doorsets
- Patio Doors - Sliding & French Style
- Panel Doors
- 'H' type Windows
- System 2000+ Windows
- Dual Turn Windows
- Vertical Sliding Sash Windows
- Timedor



All are highly robust, durable and secure, have excellent insulation properties, are easy to install, operate and clean and are long lasting and low maintenance.

Environmental Policy

Allan Brothers adopts a strong environmental policy. We use timber, the only truly renewable building material, give preference to suppliers who harvest their timber from well managed, sustainable forests, carefully treat products with preservative after all machining and use predominantly water-based coatings.



SYSTEM 2000+ WINDOWS

The right choice

SYSTEM 2000+ WINDOWS

The first choice



ALLAN BROTHERS



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System 2000+ Windows

System 2000+ is an advanced suite of windows designed by Allan Brothers to offer five modes of operation from a common section. This gives specifiers the flexibility to mix and match operations to suit their needs without compromising the external appearance of a building.



The six modes of operation are:

- Canopy Top Turn - fully reversible
- Top Hung - Butt hinges
- Top Hung - Reflex hinges
- Side Hung - Butt hinges
- Side Hung - Reflex hinges

Construction

As standard, the windows are made from quality redwood or hardwood.

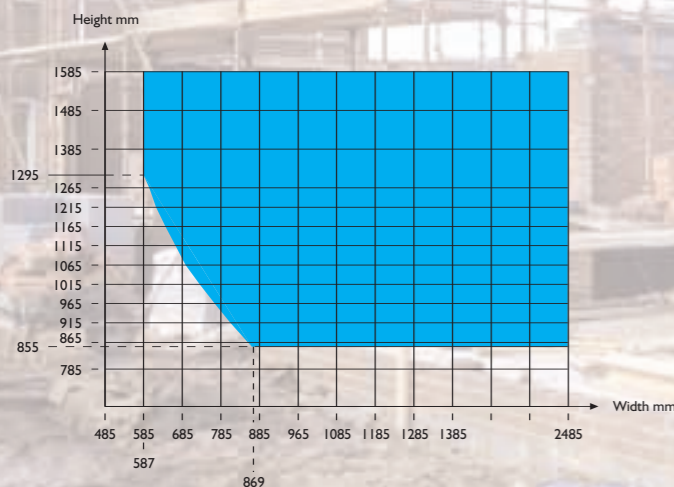
The range is constructed from generously proportioned timber sections.

Standard finished sections are:

- Frame Head - 92 x 68mm
- Frame Jamb - 92 x 68mm
- Frame Sole - 92 x 68mm
- Sash Head - 66.5 x 56mm
- Sash Stiles - 66.5 x 56mm
- Sash Sole - 66.5 x 56mm

Sizes

The following chart shows the available sizes: Certain sizes comply with regulations for fire access and egress.



Performance

The complete range of our System 2000+ windows have been tested independently and approved to BS 6375 Part 1, achieving the following ratings:

- Air Permeability: 600Pa
- Water Tightness: 300Pa
- Wind Resistance: 2,400Pa

Glazing

Using glazing rebates of 47 x 20mm, our System 2000+ windows incorporate 28mm double glazed units (4/20/4) as standard. The glazing system has a fully drained and vented alloy bottom bead with timber beads to top and sides as standard.

The beading is fixed using Allan Brothers' fixing system to enhance product integrity and appearance.

Specialist glazing can be fitted on request to give additional insulation and security.

A range of glazing bars and astragals are also available on request.

Ironmongery

Hinges

Canopy Top Turn - Fully reversible

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

Top Hung, Reflex Hinges

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

Side Hung, Reflex Hinges

Outward opening sash on heavy duty friction stays, allowing opening to 88° for ease of cleaning.

The whole System 2000+ range of windows are supplied with espagnolette locking as standard. Lockable handles are also standard, with an extensive range of styles and finishes available.



Decoration

Allan Brothers products are treated with preservative after all machining. This is applied by means of a double vacuum process in accordance with BS5589:1989 (or BS8417:2003) and NHBC recommendations.

Our water-based coatings are carefully formulated to seal the end-grain against moisture ingress, inhibit tannin stain and give the timber a quality look and feel.

Ventilators

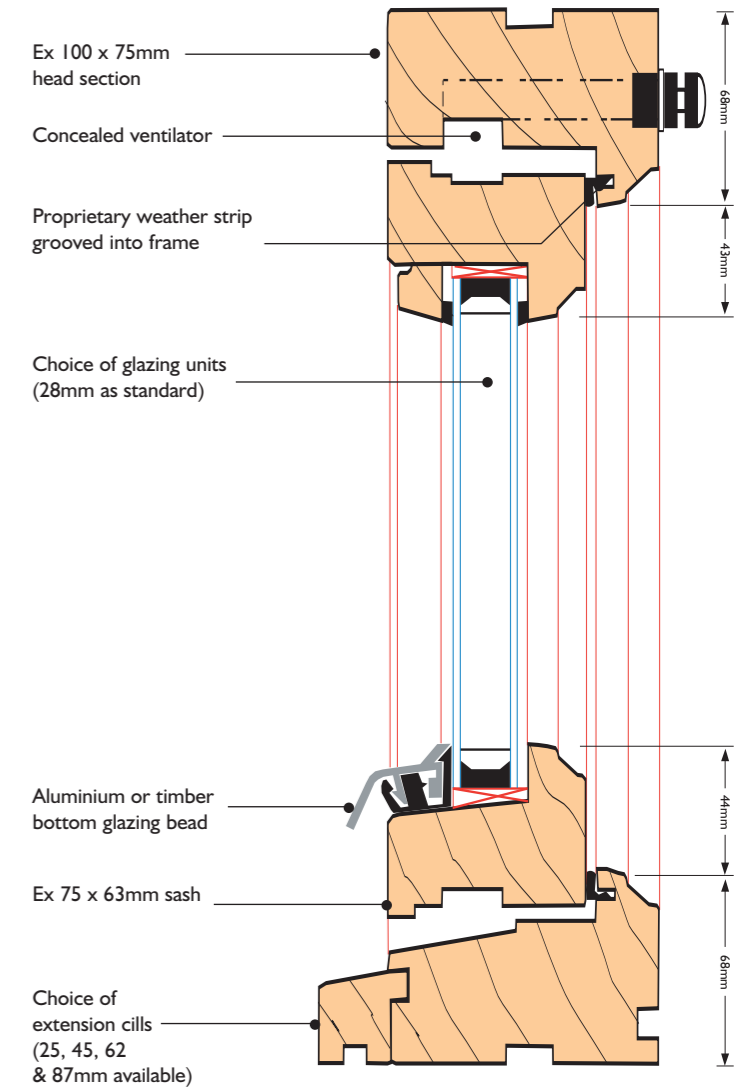
Ventilators are normally fitted within the frame head so that they are concealed, thereby eliminating the need for an unsightly and vulnerable external hood.

All ventilators comply with current building regulations: Dept. of Environment & Welsh Office, Building Regulations Approved Document F4 1995 Edition and Scottish Executive Technical Standards, Part K Amended December 1999.

Other Technical Information

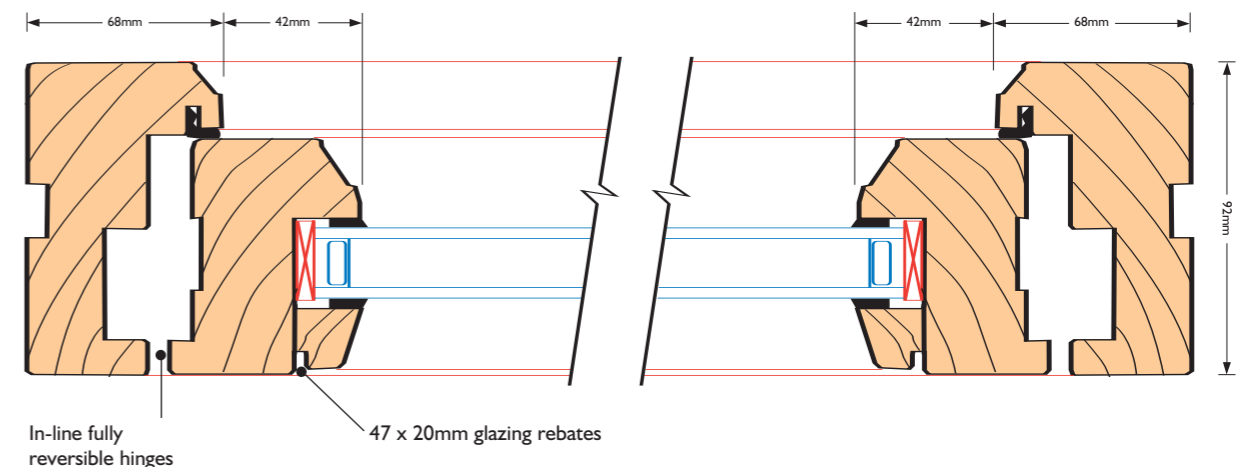
Allan Brothers provides a full technical back-up service covering all aspects of product and glazing performance.

Other technical information, including drawings, installation instructions and operating and maintenance instructions, is available on request.



Vertical Section

Note: Section drawings herein are not to scale.



Horizontal Section