



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.



'H' TYPE WINDOWS

The right choice

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.

ALLAN BROTHERS



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'H' TYPE WINDOWS

The first choice



ALLAN BROTHERS



'H' Type Windows

First introduced in the UK by Allan Brothers 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 include an attractive internal mould on both sash and frame and an improved glazing system.

Construction

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

The range is constructed from generously proportioned timber sections.

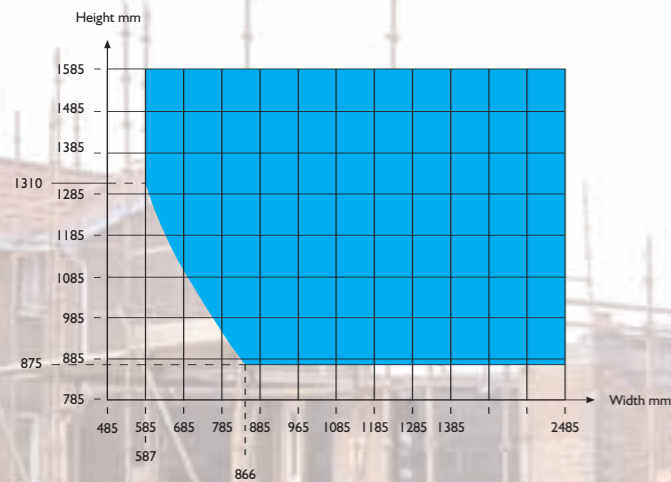
Standard finished sections are:

Frame Head - 92 x 68mm
 Frame Jambs - 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 (see the shaded area) comply with regulations for emergency access and egress

Performance

Allan Brothers' 'H' type window has been tested independently to BS 6375 Part 1 and has achieved the following ratings:

- Air Permeability : 600Pa
- Water Tightness : 300Pa
- Wind Resistance : 3,000Pa



Internal view showing mould on both sash and frame. (Note: non-standard brass handle is shown).

Glazing

Minimum glazing rebates of 47 x 20mm on the sash allows a fully drained and vented system with an end capped polyester coated aluminium bottom bead.

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

28mm (4/20/4) 'Low E' double glazed sealed units are factory fitted as standard.

Specialist glass units, including bronze anti-sun and leaded, can be fitted on request.

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

Ironmongery

Using the renowned Spilka hinge system, sashes are fully reversible but do not protrude into the room and therefore do not impinge on curtains or blinds.

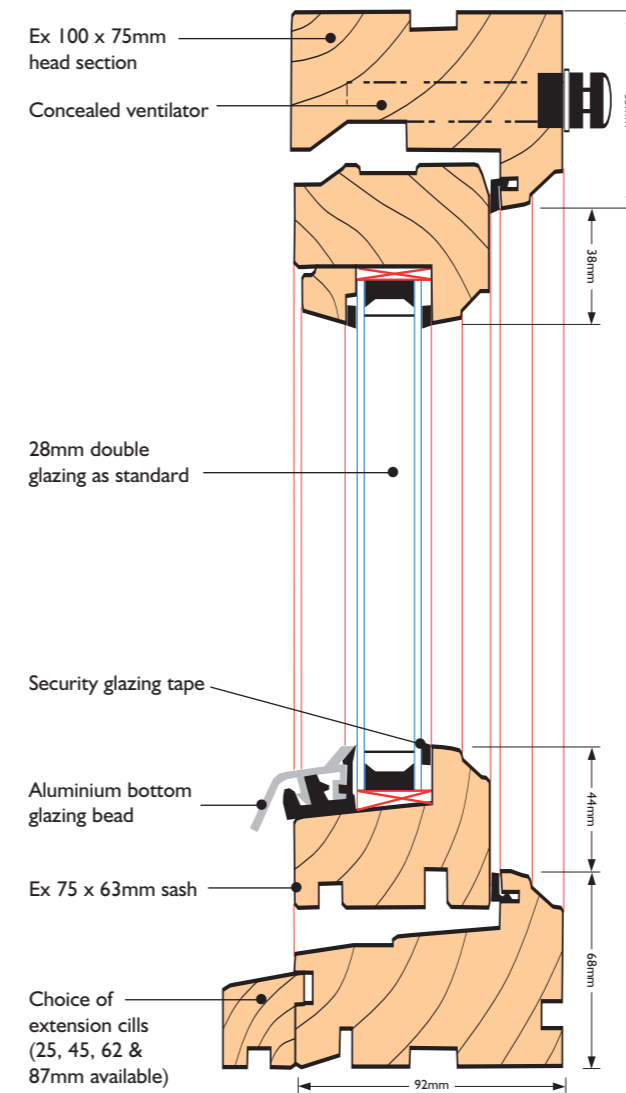
A safety restrictor is incorporated on hinges on all sashes.

Locking is via a single handle on espagnolette bolts. Brown coloured handles are supplied as standard, but a wide range of designs and finishes are available on request.

When fitted with the requisite ironmongery, our 'H' type window has been independently tested to and meets the criteria of BS 7590: 1997 Specification for enhanced security performance. A copy of the test report is available on request.



Spilka hinge with integral safety restrictor



Vertical section through opening light

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.

Ventilation

A range of ventilators can be fitted that comply with current Building Regulations.

Such ventilation is through the head and is concealed to eliminate unsightly and vulnerable external canopies. In addition, on request, the hinge can be modified to remain open in a position at approximately 100mm from closed, for ventilation purposes.

Other Technical Information

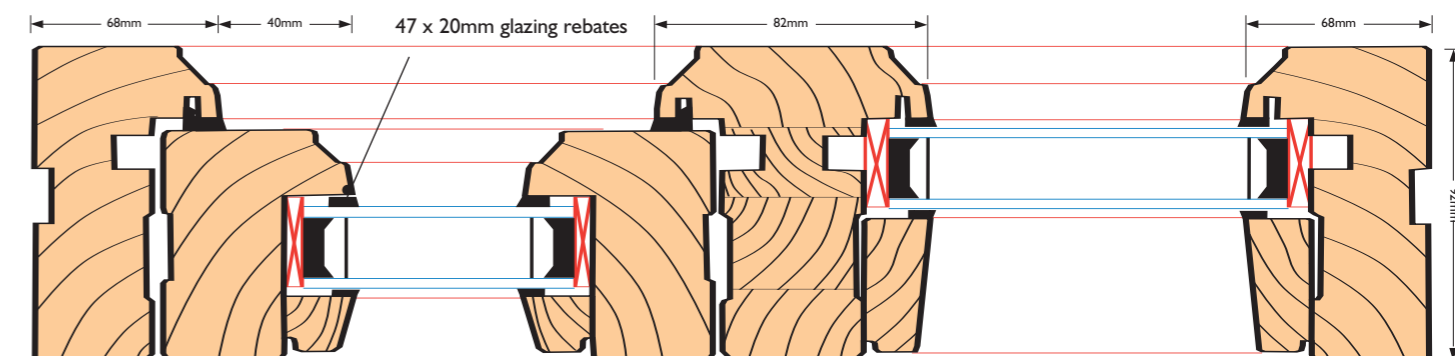
Allan Brothers provides a full technical back-up service covering all aspects of product and glazing performance.

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

Note: Section drawings herein are not to scale.



Sash fully reversed



Horizontal section showing typical opening and fixed light configuration