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. A hardwood option is also available.

The range is constructed from generously proportioned timber sections.

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 secured using Allan Brothers’ fixing system to enhance product integrity and appearance.

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

Specialist glass units, including 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. An anti blow back device is also available.

Locking is via a single handle on espagnolette bolts. Locking brown or white coloured handles are supplied as standard. Non locking handles are also available.

When fitted with the requisite ironmongery, our H-Type Window has been independently tested to and meets the criteria of BS7950: 1997 Specification for enhanced security performance. A copy of the test report is available on request.

FACTORY FINISH
Allan Brothers’ products are treated with preservative after all machining. This is applied by means of a double vacuum process in accordance with BS8417 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
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.

All ventilators comply with current building regulations: Approved Document F England & Wales and Scottish Building Standards Section 3.

OTHER TECHNICAL INFORMATION
Allan Brothers provide 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.

SPECIFICATIONS
Standard finished sections are:

Frame Head  92x68mm
Frame Jambs  92x68mm
Frame Sole    92x68mm
Sash Top Rail 66.5x56mm
Sash Stiles   66.5x56mm
Sash Bottom Rail 66.5x56mm

SIZES
The following chart shows the available sizes:

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<th>Height (mm)</th>
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<td>587</td>
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<td>685</td>
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Certain sizes comply with regulations for fire access and egress.

PERFORMANCE
Tested independently and approved to BS6375 Part 1, the following ratings were achieved:

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

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