



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.



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.

PANEL DOORS

The right choice

ALLAN BROTHERS



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PANEL DOORS

The first choice



ALLAN BROTHERS



Panel Doors

This small range of doorsets is designed with a Scandinavian influence. Their clean lines, no nonsense looks and enhanced security make them the ideal choice for the rear entrance to the smartest dwelling.

Construction

	Door	Frame
Stiles	116 x 56mm	92 x 56mm
Head	116 x 56mm	92 x 68mm
Middle Rail	162 x 56mm	N/A
Bottom Rail	162 x 56mm	N/A
Sole	N/A	Aluminium

Special low level thresholds are provided as standard for wheelchair access in accordance with: Dept. of Environment & Welsh Office, Access & Facilities for Disabled People, Approved Document M 1999 Edition and Scottish Executive Technical Standards, Access & Facilities for Dwellings Pt. Q, Amended December 1999. Examples of some styles are shown below:

Manufactured as standard from laminated redwood for stability and strength, these doorsets give a clean, fresh look to any entrance way they are used in. All timber is double vacuum preservative treated after all machining has been completed, enabling us to give a thirty year warranty against timber degradation. Bottom rails are drained as standard.

If required, we can make our panel doors from a range of timbers, including many hardwood species.

Sizes

Standard size is 900mm wide x 2,100mm high including frame.

However, non-standard sizes are available within the following parameters:

Width: 800 to 995mm (incl. frame)

Height: 2,000 to 2,300mm (incl. frame)

By adding sidelights and/or fanlights, virtually any opening size can be accommodated.

Security

Each mortice and tenon door is hung on heavy duty steel hinges. The door and frame are rebated and secured with a 3-point locking system. They are also security glazed. This combination gives a high level of resistance to forced entry.



All doors are hung on heavy duty steel hinges for extra security

Styles

Three different styles of panel doors are available as standard:



ORKNEY

SHETLAND

SKYE

The Orkney comprises a glazed top light and a composite timber bottom light.

The Shetland comprises glazed upper and lower lights with a timber mid-rail separating them.

The Skye is full height glazed.

Doors that open in are supplied as standard, but doors that open out are available on request.

Ironmongery

A 3-point locking system is recommended and is provided as standard.

Brassed handles, as shown below, are supplied as standard. However, a variety of other styles and finishes are available on request.

Letter plates can also be supplied upon request.



High performance low level weather bar (Open in door)



Standard handle and locking mechanism

Finishes

As standard, doorsets are supplied with an attractive, protective, water-based stain. This is suitable for on site finishing in either microporous wood stain or paint.

Semi finished and fully factory finished door sets are also available in a wide range of colours, and are recommended to increase product life. Please ask for further information.

Glazed Panel

Glazed panels in both the doors and sidelights are all factory fitted with 22mm (4/14/4) double glazed sealed units to give good insulation. Clear Low E glass is fitted as standard, although obscure and specialist glazing units, such as bronze anti-sun and argon filled, can be fitted on request.

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

Timber Panel

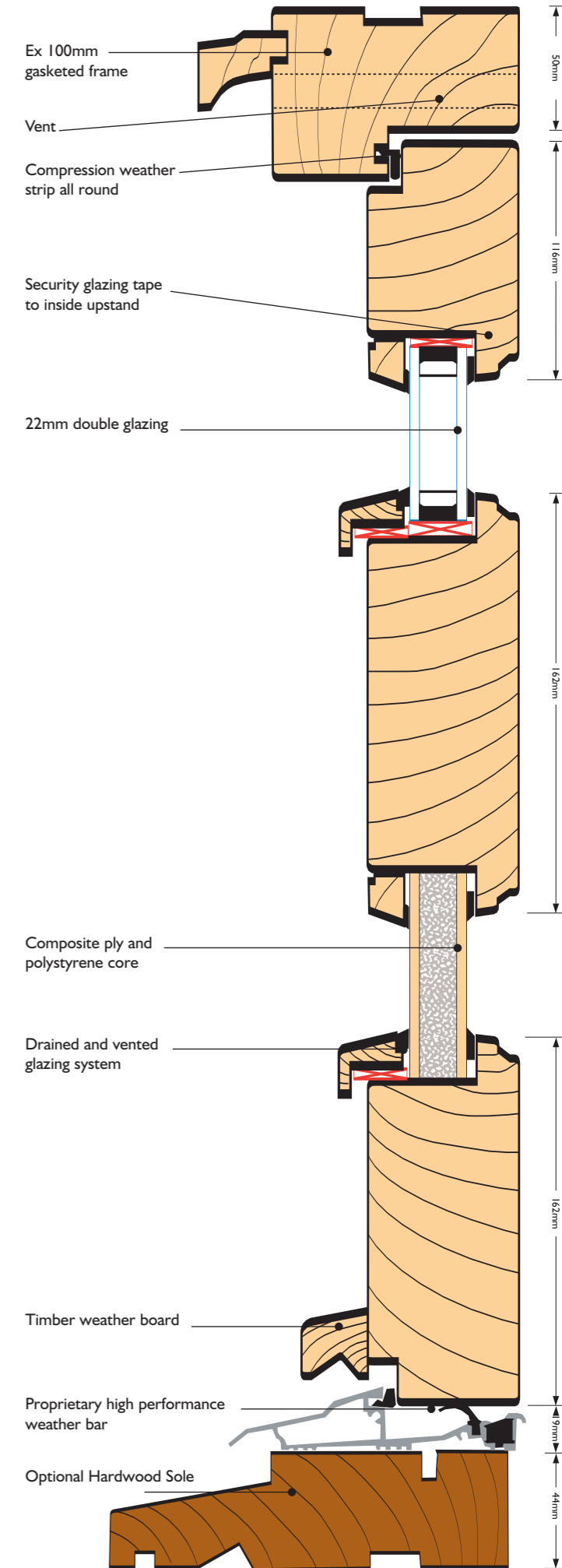
The composite timber panel consists of two Scandinavian pine plywood sheets, between which a polystyrene core is sandwiched. This combination gives a high level of insulation. The outer ply skin is grooved to give a tongued and grooved effect.

Other Technical Information

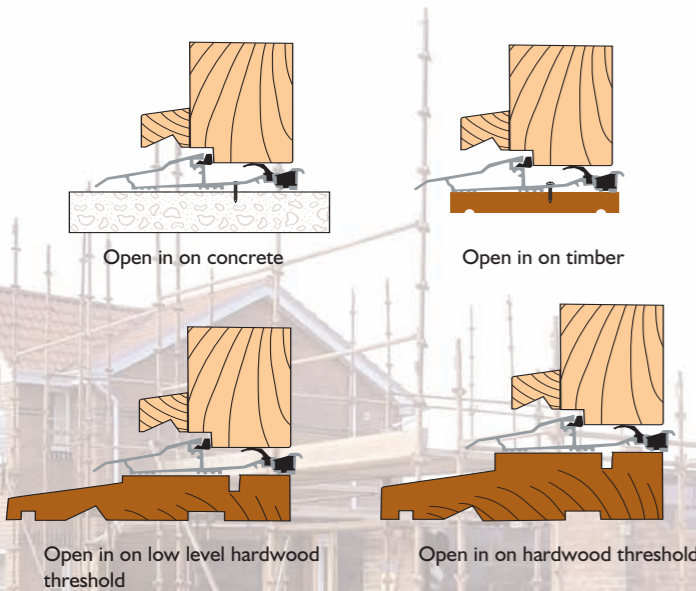
Allan Brothers provides a full technical back-up service covering all aspects of product and glazing performance.

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.



Vertical Section - 'Orkney' style open in door



Horizontal Section (Open in door)