

## Other Technical Information

- A 3-point locking system is provided as standard. Single point locking is available as an option and is provided as standard on all fire doors.
- Brassed handles, as shown right, are fitted as standard. Alternative styles and finishes are available on request, some of which are illustrated elsewhere in this brochure.
- Brassed letterboxes, door viewers and security chains are all available on request.



## Decoration

Our **Scotdoors** are supplied fully factory finished unless requested otherwise. The illustrated finishes - teak, mahogany and light oak - are only a few of the wide range available. Please ask for further details.

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.

Frames and sidelights are normally supplied with a base coat stain only, allowing on-site decoration to suit surrounding surfaces. A minimum of two further coats should be applied after installation.

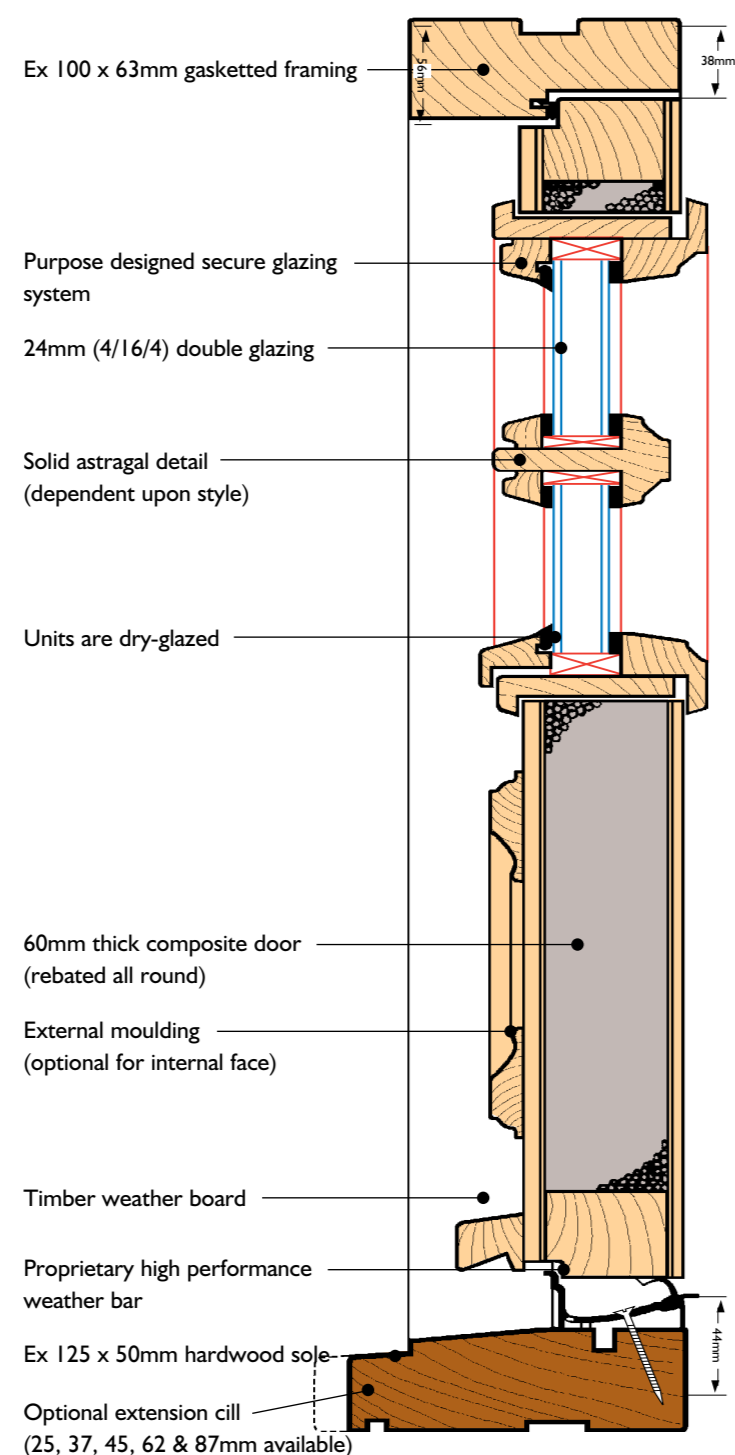
Alternatively, the frames and sidelights can be fully finished in our factory.

## Ironmongery

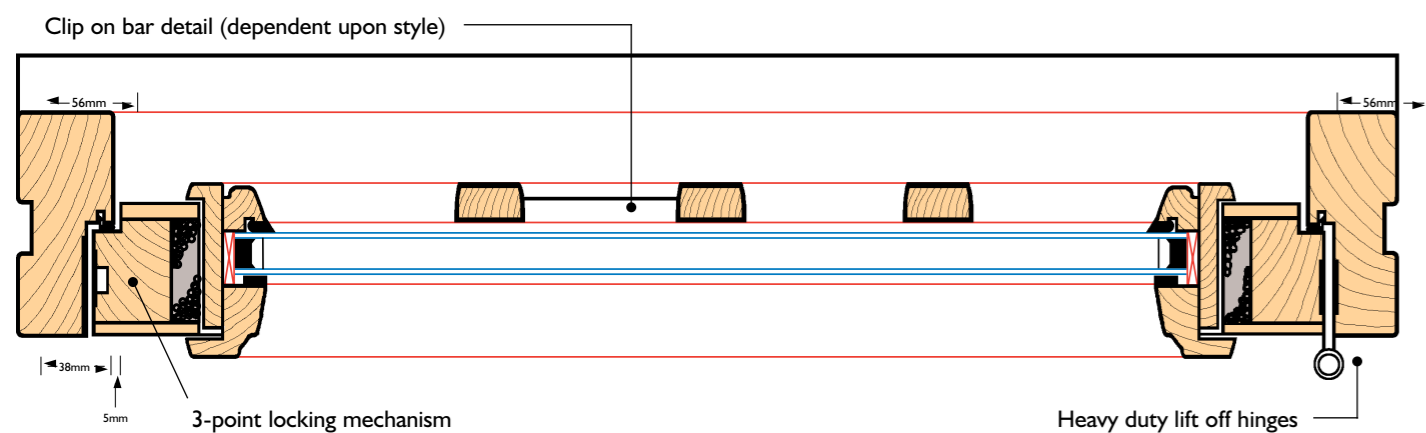
Allan Brothers provides a full technical back-up service covering all aspects of product and glazing performance.

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

Note: Section drawings herein are not to scale.



Vertical Section (Open in Scotdoor)



Horizontal Section (Open in Scotdoor)



## 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:-

- **'Scotdoors' External Doorsets**
- Patio Doors - Sliding & French Style
- Panel Doors
- 'H' Type Windows
- System 2000 Windows
- Dual Turn Windows
- Vertical Sliding Sash Windows
- Tilt & Turn Windows
- Advanced Casement Windows
- Conservatories

All are highly robust, durable and secure, have excellent insulation properties, are easy to fit, install, operate and clean and are 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.



**SCOTDOORS**  
*The right choice*



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**SCOTDOORS**  
*The first choice*



**ALLAN BROTHERS**



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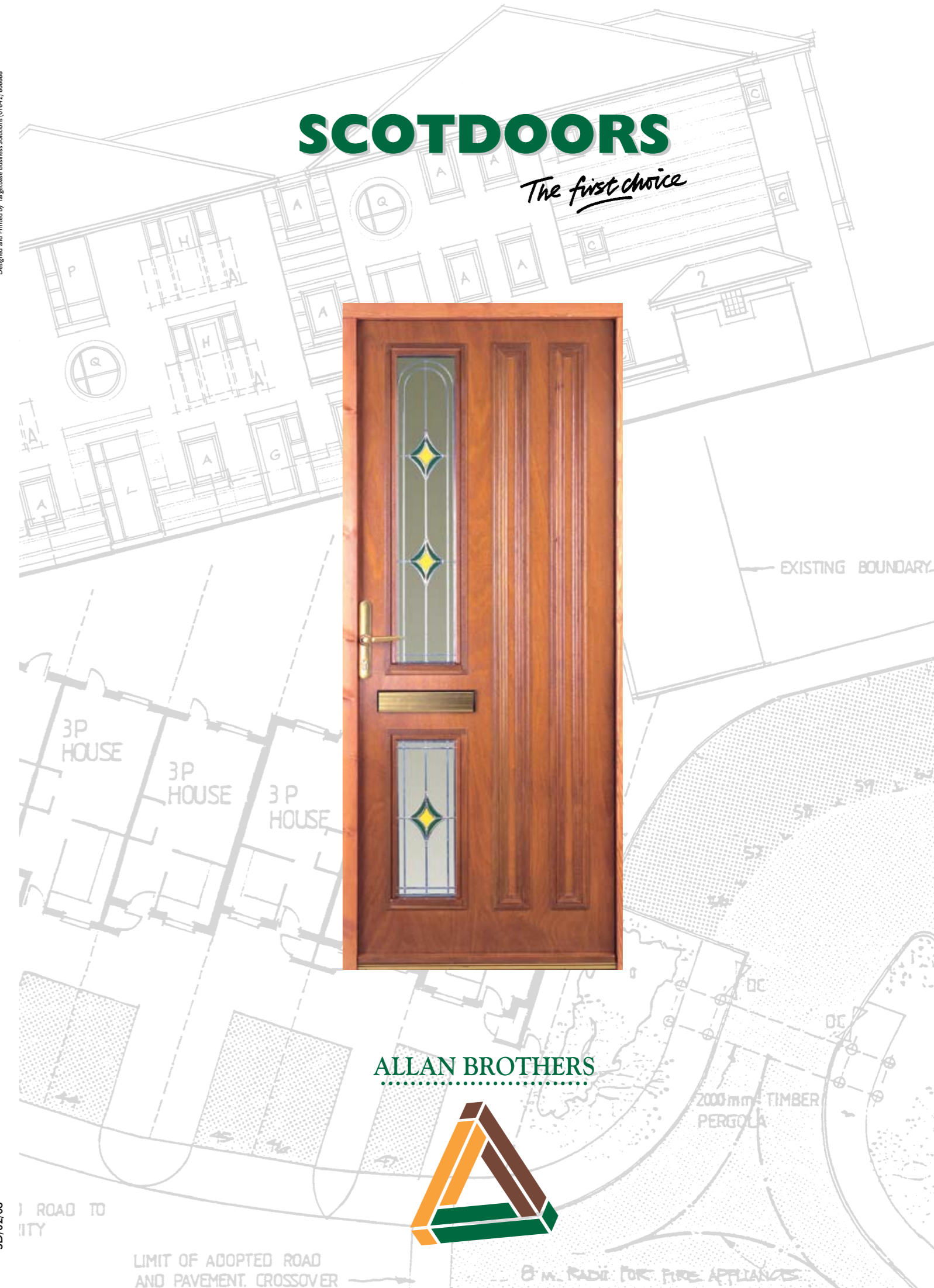
1 ROAD TO  
ITY

LIMIT OF ADOPTED ROAD  
AND PAVEMENT. CROSSOVER

8m. RADII FOR FIRE APPLIANCES

2000mm TIMBER  
PERGOLA

EXISTING BOUNDARY



## Scotdoors

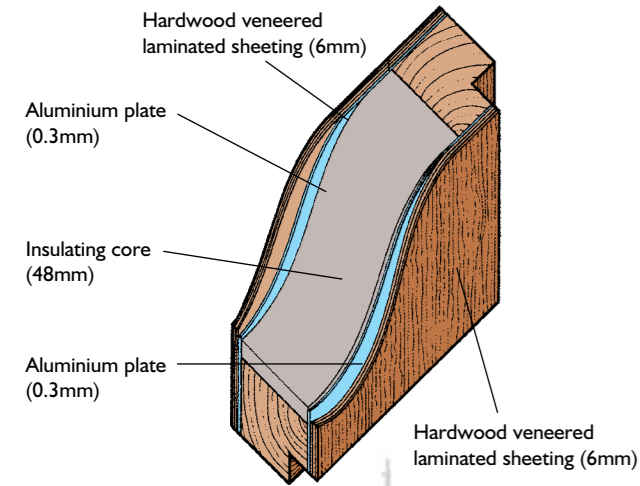
Are entrance systems that combine tried and proven Scandinavian technology with traditional British styling to give exceptional performance against the weather and a high level of resistance to forced entry.

Supplied as a fully assembled unit, including ironmongery and glazing, the **Scotdoor** system can be installed quickly and accurately, keeping fixing costs to a minimum and speeding up construction programmes.

## Glazing

### Door:

The door has a bonded sandwich construction comprising:



This balanced construction gives a high degree of stability, with the aluminium plates acting as an effective moisture barrier.

The insulating core gives exceptional U-value and significantly reduces the effects of temperature differential, which is the most common cause of door failure.

### Frame:

Can be constructed from quality redwood or hardwood, redwood being the standard.

All frames and sidelights have a durable hardwood threshold to cope with foot traffic wear.

Alternatively, a special low level threshold can be provided for wheelchair access.

## Styles

Single leaf doors can be accommodated between the following overall frame sizes:

Width : 800 - 995mm

Height: 2000 - 2300mm

However with the inclusion of sidelights and/or fanlights, a vast array of sizes can be obtained.

A standard size of 900 x 2100mm is used for new build.

## Security

With their combination of rebated doors and frames, integral draught stripping and purpose-designed weather bar, **Scotdoors** are designed to cope with adverse weather conditions without compromising on style.

Our Scotdoors have, been tested independently and approved to BS 5368 Parts 1, 2 and 3 achieving the following classifications:

Air Permeability : 600Pa

Water Tightness : 200Pa

Wind Resistance : 2400Pa

All unglazed Scotdoors can, when fitted with the requisite ironmongery, be used as **fire doors**. Some with glazing apertures can also be used for fire door purposes. Please ask for further details.

When supplied as fire doors, minor changes are also made to the door rebates and weather stripping.

## Performance

**Scotdoors** provide a high level of resistance to forced entry:

- hung on 3 heavy duty steel hinges
- rebated door/frame combination
- security glazing to all apertures
- 3-point locking system (on non fire doors)

Doors that open in are supplied as standard. Doors that open out are also available on request.

## Sizes

The doors illustrated are examples of the variety of styles which can be achieved and are used as our standard range.

Designs to individual customer specifications are available on request.

When combined with our sidelight options, which range from 300 - 600mm in width, a set can be produced to suit almost any existing door opening.

The choice of ironmongery, glazing and decorative finishes completes the styling options.

## Construction

To complement the excellent insulation qualities of the doors, 24mm (4/16/4) units are used to glaze both doors and sidelights.

Obscure glazing is supplied as standard on non fire doors but clear glass may be specified. Fire resistant glass is supplied as standard on fire doors.

A range of special glazing, including Low E and bronze anti-sun, is also available on request, as is a range of decorative glazing in either luxury leaded glass or economy screenprinting, some of which are illustrated.

The glazing beading is fixed using a concealed nailing technique to enhance product appearance and integrity.

# SCOTDOORS - Combine Performance with Security and Style



BRORA

DAVAN

FINLAS

(Fire Door)

FLEET

(Fire Door)

TWEED

TAY

CALDER

MORIE

LUNDIE

FYNE

(Fire Door)

BUIE

(Fire Door)



MILTON

(Fire Door)

ERICHT

TARBERT

(Fire Door)

LEVEN

LINNHE

(Fire Door)

AYR

DEE

CLYDE

FORTH



RANNOCH

ESK

LOMOND

EARN

TROMLEE

(Fire Door)

DON

(Fire Door)

AVON

(Fire Door)

HOURN

(Fire Door)

SHIEL

(Fire Door)

NEVIS

(Fire Door)