

# Product Information



**SOUNDSECURE**  
FD30 DOORSET

**PREMDOR®**

# PREMDOR®

**Masonite®**  
the beautiful door™

Masonite is one of the world's leading manufacturers of interior doors and entry door systems.

Throughout the company's 80 year history, Masonite has maintained its focus on leading-edge innovation, manufacturing excellence and superior customer service.

Premdor UK operates as part of the Masonite global organisation. Globally Masonite operates from 55 plants, serving clients in at least 70 countries worldwide. Masonite is one of the world's leading manufacturers of interior doors and entry door systems.

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## Environmental Policy

Our manufacturing and central warehouse facility in the UK is located at Barnsley and has been independently accredited to meet the requirements of the environmental management standard BS EN ISO 14001. The aims of our management programs and business leadership are to:

- Conserve natural resources by reusing and recycling materials, purchasing sustainable or recycled materials and using recyclable packaging.
- Reduce energy usage and promote the responsible use of energy throughout our business.
- Meet or exceed all legislative environmental requirements.
- Develop, manufacture and market products that conserve and can be disposed of safely.
- Minimise waste, prevent air, water and other pollution, dispose of waste safely and responsibly.

Premdor has an extensive range of products available to supply customers with either FSC or PEFC Chain of Custody, which offers assurance that an independently audited route to market is being followed. The process includes annotation of certification on all associated documentation. This process in particular guarantees that sustainable wood sources are being used.

For details of your nearest supplier telephone:

# 0844 209 0008

or visit our website [www.premdor.co.uk](http://www.premdor.co.uk)

Premdor is a member of





SoundSecure is specifically developed to meet the complex performance demands of apartment entrance locations, balancing the requirements of Building Regulations against cost and appearance.

- Sound reducing specification which meets the acoustic targets of the building regulations part E and related National Standards.
- Secured By Design accredited assembly with durable construction and performance tested ironmongery providing protection against unwanted intrusion.
- Firesheild doors and intumescent smoke seals ensure that the doorset meets the fire resistance and escape requirements specified by Building Regulations Part B and related National Standards.
- Doorset widths suitable for mobility access and low level thresholds assist in meeting the demands of Building Regulations Part M and related National Standards.

## Environmental

- Thermally efficient door construction - to conserve energy.
- Manufactured from timber - a renewable resource, purchased under legal controls and logging disciplines.
- Engineered components used - to improve material stability and reduce waste.
- Timber can be reprocessed at the end of the product's life.
- SoundSecure moulded panel door facings are FSC certified.
- All SoundSecure doorsets are manufactured within a facility which is ISO14001 accredited.



five challenges **one solution**

**PREMDOR®**

# Product Features

## Doors

Veneered flush or moulded hardboard panel design options. Both flush and moulded designs feature a three layer high density particleboard core, with hardwood stile lippings. Door thickness is 44mm and is FD30s Certifire approved.

Standard door sizes only available:

926 x 2040mm

914 x 1981mm

864 x 1981mm

838 x 1981mm

## Locking System

High quality, police approved, modern three point espagnolette locking system, complete with lever handles in anodised gold or anodised silver effect options. Also fitted with fire escape (thumb turn) ironmongery.



## Door Frame

Doors are factory hung in an engineered softwood door frame of 18mm rebated profile, section 78 x 57mm (jamb and head).

## Seals

Acoustic control, smoke and intumescent seals incorporated at the frame head and jambs.

## Hinges

Doors are hung on 1½ pairs of steel hinges (gold or silver effect) tested to BSEN 1935: Class 14 and CE marked, for lifetime performance and security enhancement. Subtle vertical adjustment of the door position is provided within the hinge knuckle.

## Threshold

An under door 'drop seal' is fitted in conjunction with a floor level threshold plate.



# Product Features

## Finishes

SoundSecure doorsets are available with any standard flush door or moulded panel design, as shown page 7.

## Materials

Doors are constructed using PremCor, a high density core material which requires no timber framing, except for vertical hardwood edge lipping.

The door frame is engineered softwood rebated, jambs and head.

## Standard Ironmongery

The police approved 3 point espagnolette with EuroProfile lock cylinder incorporates an internal thumb turn.

Lever handles are available in anodised gold or anodised silver effect finish options.

A 180 vision 'frog eye' security eye viewer is supplied as standard, in either brass or chrome finish options.

In addition, a security door chain is included to complement the system, in brass or satin chrome effect finish options.

## Optional Extras

FD30 fire resistant letterplate and security cowl (For SBD situations)

15mm hardwood threshold strip.

Master keyed lock cylinders.

Mobility height eye viewer.

## Building Regulations

The checklist is offered as guidance based on Building Regulations requirements at time of going to press. Always check specific project requirements against Building Regulations specifications prior to ordering. If in doubt, please contact Premdor.

**Conservation of fuel and power:** Building Regulations Part L / Scottish Technical Standards Part J / Northern Ireland Building Regulations Part F - **doorsets offer a 'U' value better than 1.80w/m<sup>2</sup>K achieving the requirements for new build and refurbishment.**

**Mobility:** (Access and facilities for Disabled Facilities): Building Regulations Part M / Northern Ireland Building Regulations Part R - **doorsets are available in a variety of door widths to meet the regulations and specific project requirements. Please note that these regulations include specific requirements such as unobstructed space on the opening side of the door, and the location of glazing panels, For full details, please see the regulations.**

**Resistance to the passage of sound:** Building Regulations Part E / Scottish Technical Standards Part H / Northern Ireland Building Regulations Part C - **solid core construction exceeding the required weight of 25kg/m<sup>2</sup> meets these acoustic requirements with a minimum tested sound reduction index of 30dB<sub>Rw</sub> for apartment entrances.**

**Fire Safety:** Building Regulations Part B / Scottish Technical Standards Part D & E / Northern Ireland Building Regulations Part E - **fire door performance and fire escape ironmongery assist compliance with these regulations. Doorsets are FD30 Certifire approved and formally tested to BS476 Part 22.**

**Secured By Design:** door and frame assembly meets the Secured by Design scheme requirements PAS023 and PAS024 and is independently certified and tested within the TRADA Q. Mark Scheme. Premdor holds a SBD licence for this product.



Espagnolette System



Security Eye Viewer



Security Chain



Fire Rated Letterplate

# Technical Specifications

## Hinges

1½ Pairs CE marked EN1935 14 Security hinges. Gold effect or silver effect options.

## Screws

38mm x No 8, "TwinFast" threaded full length on frame side of hinge.  
44mm x No 8, "TwinFast" threaded full length on door side of hinge.

## Draft Seal

Plastech T670 White or equivalent

## Intumescent Smoke Seal

Lorient LP1504DS.

## Under Door Threshold

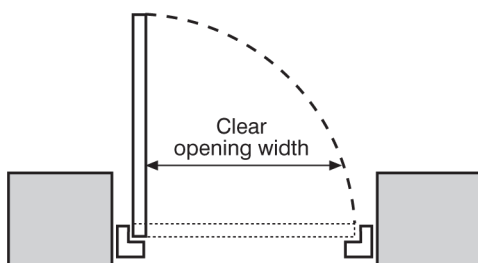
Lorient LP4120. The extruded aluminium threshold prevents draught and smoke penetration.

## Automatic Threshold IS8010 SI

The variable height threshold seal has a new, higher efficiency mechanism which lifts the seal clear of the floor as soon as the door is opened by a few millimeters. Tested for reliability, the seal completed 1,000,000 cycles without failure. It meets the smoke leakage performance requirements of BS5588 when tested in accordance with BS476 Part 31.1 and AS IS309.7. Also tested for acoustic performance in accordance with BSEN ISO140.3. 1995.

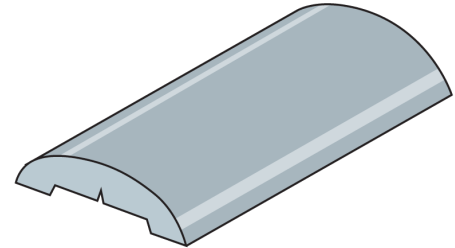
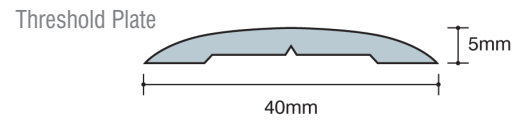
## Door Widths

Building Regulations Part M demand specific dimensions for doors and corridors, which have been calculated to assist the mobility of wheelchairs and prams into, and within, the dwelling. These details are shown in the diagram and table below.

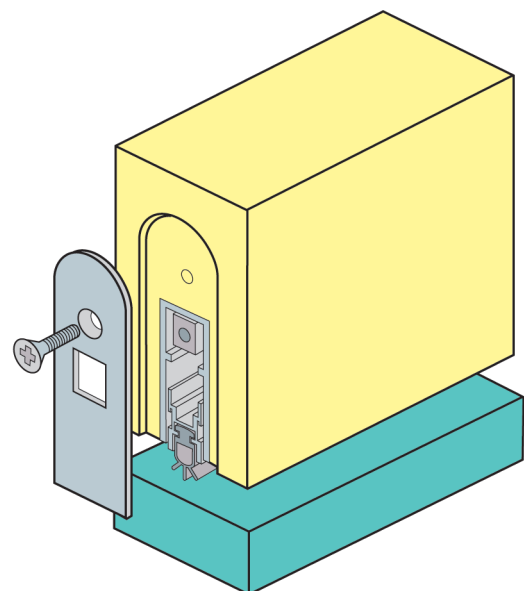
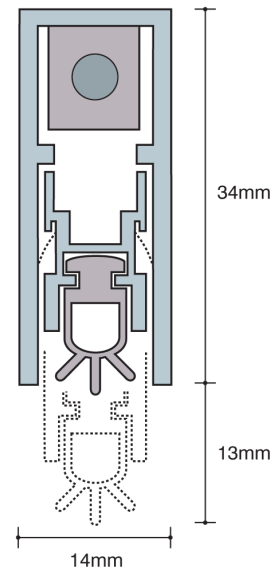


Clear opening dimensions for doors are determined by a number of components, the table below summarises this information by door size:

Door Thickness	Door Thickness	Door Thickness
44mm	926mm	863mm
44mm	914mm (3'0")	852mm
44mm	864mm (2'10")	801mm
44mm	838mm (2'9")	775mm



Automatic Threshold



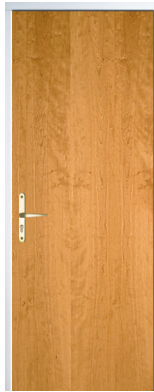
# Range Summary



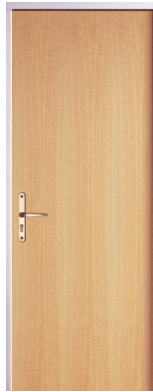
2 Panel  
smooth



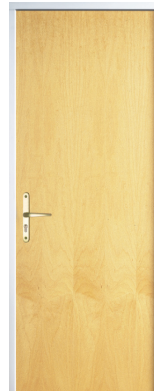
2 Panel arch  
top textured



American  
Cherry veneer



Anegre veneer



Ash veneer



Koto veneer



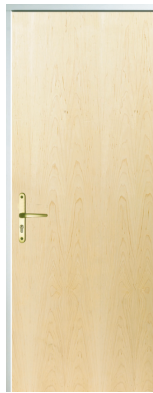
4 Panel arch  
top textured



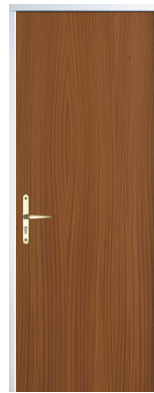
4 Panel smooth



4 Panel textured



North American  
Maple veneer



Sapele veneer



Steamed  
Beech veneer



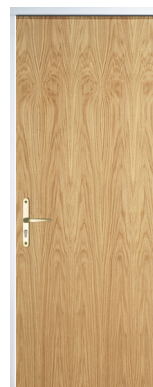
6 Panel smooth



6 Panel textured



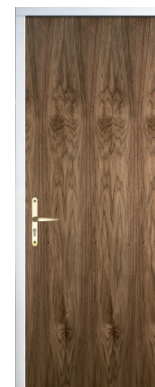
Foil



White Oak  
veneer



Popular & Paint  
Grade Plus



Walnut veneer



Paint Grade  
Plus

## Door Size

838 x 1981 x 44mm  
864 x 1981 x 44mm  
914 x 1981 x 44mm  
926 x 2040 x 44mm

## Doorset Size

922 x 2036mm  
948 x 2036mm  
998 x 2036mm  
1010 x 2095mm

# Important Information

## Storage and Handling

Doors should be stored and handled as prescribed in BS Code of Practice CP151.

The doors should be laid flat and kept dry and clean inside the polythene packaging until immediately before painting/staining. Do not store or install in an area which may be subject to extremes of temperature. Use a dry, well ventilated building, in areas which have not been recently plastered.

It is essential that precautions are taken where there is a risk of moisture content build up. Particular care is needed in centrally heated or air conditioned buildings. Premdor must be informed at the time of tender and order whenever doors are needed for such buildings. The testing and rapid switching on and off of heating during the construction is detrimental to joinery.

When stacking doors or frames it is essential that at least 3 load bearers are located along the door length to evenly distribute weight and avoid damage.

Veneered doors should not be exposed to sunlight since natural shading or fading might occur. It is important that any packaging material (shrink wrap etc.) is left on the door for as long as is practically possible to avoid damage to door surfaces. This is particularly relevant to fully finished products.

## Installation

Doors should be fitted as prescribed in the BS Code of Practice CP151.

It is essential that doors be fully sealed and any air gaps plugged, immediately after delivery. They should be sealed, knotted and primed on both faces and all four edges, and should then be fully finished, preferably before installation. Edges of flush doors with lacquer finish should be sealed and if any surface is subsequently cut, it should be primed or lacquered before the door is fixed into position. This particularly applies when end grain is exposed.

It is essential that if the decorative seal is broken in any way (e.g. trimmed, drilled or cut for letter box, hinges etc.) then any such exposed area should be treated, painted/stained.

## Fire Doors

SoundSecure doorsets have been tested to BS476: Part 22 and carry Certifire approval to FD30. Subject to installation in accordance with the published Data Sheet. Intumescent and smoke seals must be kept in good repair.

## Decoration

Decoration should be carried out in accordance with BS6150: 1991 and BS8000 Part 5: 1990.

Products must be clean and dry prior to finishing, having a moisture content which is no greater than the average for the intended location. Always follow the instructions provided with the stain or paint which is to be applied.

When site decorating the complete surface area should be fully treated. To ensure adequate coverage at least three coats of top coat paint/stain needs to be applied. All edges, rebates for glazing and any areas which have been cut, drilled, etc must be fully painted/stained to the same standard as the rest of the door.

## After Care

Interior doors can be cleaned using a damp cloth or mild soapy water. Abrasive or industrial cleaning products should not be used.

## Ironmongery Maintenance

All ironmongery (hinges, handles, etc) should be lubricated at regular intervals to ensure correct functioning. It is also recommended to lubricate after each cleaning as water may penetrate hinges and lock which could lead to rusting.

## Warranties

SoundSecure doors and frames are guaranteed for 10 years against manufacturing defect. Factory applied decorative finishing carries a 5 year warranty.

For the full terms, conditions and exclusions of all Premdor product warranties, please refer to our main Range Guide, or request details.

## Illustrations

Products may be shown glazed, decorated, or with fitted ironmongery. This is for illustrative purposes only. Specifications may vary from those indicated or illustrated, at our option. To confirm details of particular products please check before ordering.

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