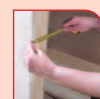


SpeedSet Plus



**The perfect
solution for
imperfect walls**

unique
features



Doorset adjustability allows for uneven walls and ensures easy installation

CHOICE OF FINISHES



White re-coatable foil requiring minimal decoration



Oak or ash finish to match standard foil doors



contents

- 3 introducing SpeedSet Plus
- 4 product features
- 6 technical specifications
- 7 installation guide
- 9 door designs and finishes



We are part of Masonite Inc. – manufacturing products in over 70 plants worldwide. This international joinery expertise brings benefits to our customers through new ideas and innovations. For more details visit: www.masonite.com

Premdor manufactured doors and doorsets are produced under the disciplined quality management controls of ISO 9001:2000.



Environmental Management

Premdor has achieved ISO 14001:2004 accreditation at its manufacturing site in Barnsley. This underlines our environmental credibility and commitment to the continuous improvement of our environmental management system.



Premdor is a member of the British Woodworking Federation: www.bwf.org.uk



For details of your nearest supplier, telephone:

0844 209 0008

or visit our website www.premdor.co.uk

introducing SpeedSet Plus doorsets

SpeedSet Plus is a unique adjustable doorset, allowing easy modification for variation within a wall thickness.

The smart way to
Save time.
Reduce cost.
Ensure quality.

- SpeedSet Plus is a cost effective way of fitting a door and frame
- Rapid installation: doorsets can be installed in less than 20 minutes
- Traditional costly joinery skills are not critical to install SpeedSet Plus
- Door supplied pre-hung with CE Marked latch and adjustable hinges as standard
- SpeedSet Plus is unique:



Adjustable doorset combating the problem of variation within a given wall thickness.



Easy to adjust during installation.

- Choice of finish



White re-coatable foil faced finish frame and architrave requiring minimum decoration. Significantly easier to paint than a traditional primed MDF or timber lining.



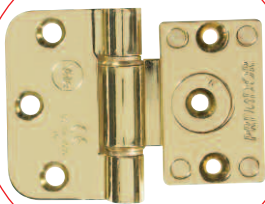
Oak or Ash Foil finished frame and architrave matching Premdor's range of standard Foil doors.

- Supplied with matching pre-mitred architrave
- Matching skirting available (contact us for details)
- Available with Premdor's Standard Core, Semi Solid, Safe 'n' Sound and FD30 fire doors
- FD30 Fire Doors fully BWF Certifire approved
- Hidden frame to wall fixings
- Plated screws, no rust
- Reduces the impact of shortages of skilled construction labour
- Damage risk is reduced as SpeedSet Plus is fitted later in the building programme

product features for easy fitting - no d

Hinges

Doors are factory pre-hung on CE Marked adjustable chrome effect, brass effect or white hinges. After installation, if necessary, the door to stop gap can be adjusted.



Fixing Brackets & Screws

All fixing brackets and screws required are supplied with SpeedSet Plus (see fixing instructions). Fixing brackets and fixing screws are hidden by the architrave.

Door Stop

12mm factory fitted door stops as standard.

Lining

Manufactured from 25mm moisture resistant medium density fibreboard. FD30 doorsets come complete with intumescent strips fitted to jambs and head.



Delivery

SpeedSet Plus can be delivered in plot lots as required by your build programme. Individual doorsets are packaged and braced for safe transportation and storage.

Doors

SpeedSet Plus can be supplied with most of the door options shown in the Premdor Range Guide, including FD30 fire doors.

Architraves

Architraves are supplied unassembled, but cut to length, pre-mitred and machined for 'butterfly' joining clips to connect the components together. Final installation on site is completed by gluing the architrave into the pre-machined architrave groove in the door lining using a 'no nails' type adhesive. Architraves available in a choice of styles (see page 6).



Ironmongery

Various pre-fitted CE Marked latch / lock options available (see opposite). *NB. Door handles not provided.*

the perfect solution for imperfect walls

NEW

Width Adjustability

SpeedSet Plus can quickly and easily be adjusted by +/- 10mm to take up variation in wall thickness*.

*Except 77mm wide linings which adjust in the plus direction only.



Doorset is more accommodating

ironmongery options

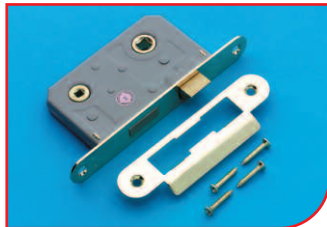
63mm Latch

CE Marked Brass Effect /
Chrome Effect



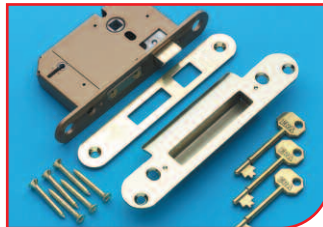
Bath Lock

CE Marked Brass Effect /
Chrome Effect



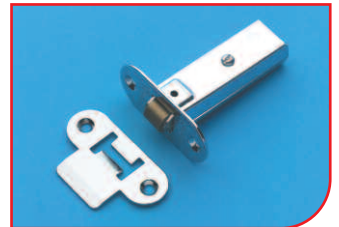
Five Lever Sash Lock

Brass Effect / Chrome Effect



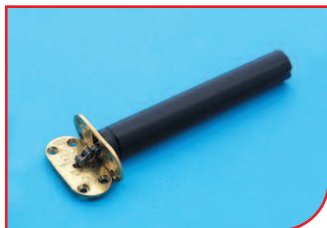
Roller Catch

Brass Effect / Chrome Effect



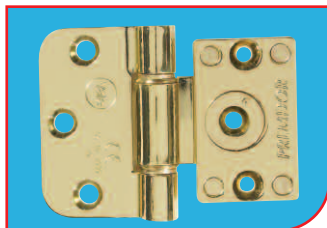
Fire Door Jamb Closer

Brass Effect / Chrome Effect
(preparation & supply loose only)



Hinge

CE Marked Brass Effect /
Chrome Effect & White



Shootbolt

Brass Effect / Chrome Effect



Intumescent or Smoke Seal in Lining

White / Brown



door core specifications

Standard Core

Standard core specification, with single lock block, for typical domestic applications.

Semi-Solid Core

Doors can be supplied with a semi Solid core, wider stiles and rails and additional core components to give the door a heavier feel.

Safe 'n' Sound Core

These doors have a solid core and as a result have a substantial feel with enhanced strength and improved sound resistance

Fire Doors

SpeedSet Plus is also available as a FD30 system. Intumescent seals are fitted as standard. Smoke seals can be fitted if required.

All fire doors are compliant with relevant British Standards and SpeedSet Plus Fire doorsets are fully Certifire approved.

Glazed Doors

Glazed doors are supplied with glass meeting the requirements of BSEN 12600.

Glazing beads are either solid timber or wrapped MDF at our option.

Canadian Range doors feature individual glass pieces, bevelled on one side, with brass or chrome effect glazing bars.

Manhattan Range doors are made with a single piece of glass with applied white leaded tape on both sides to create a multi-pane effect.

Factory glazed fire doors are available with either clear or wired glass.

Pairs

Pairs of doors are typically supplied with square, (unrebated), meeting stiles. For ease of handling these doorsets are delivered unassembled.

Hinges

All SpeedSet Plus doorsets are supplied with 1 1/2 pairs of CE Marked adjustable hinges as standard.

Reduced Height Doors

Reduced door heights are available, e.g. for under stairs access.

Storey Height Doors

Storey Height Doorsets are available.

Sound Reduction

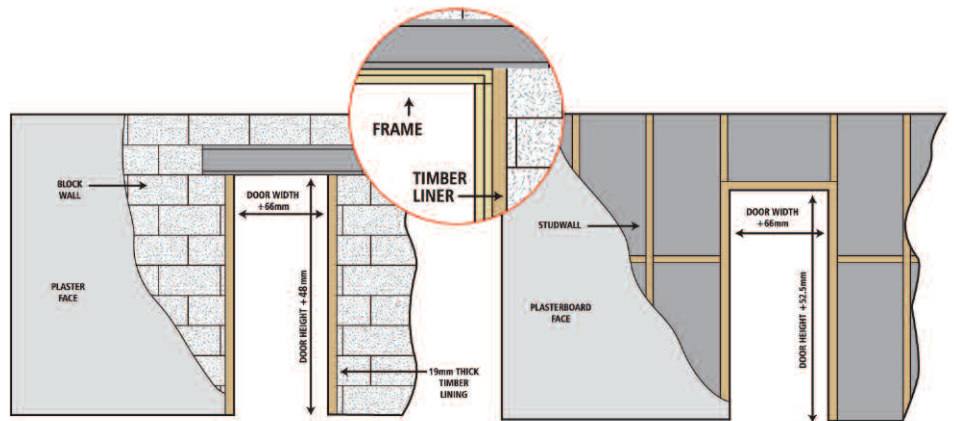
Sets with improved sound reduction for use within domestic dwellings are available. Please contact us for more information and availability.

Available door types – see page 9.

N.B. This is just a guide, other doors featured in the Premdor Range Guide are possible.

technical specifications

SpeedSet Plus structural openings



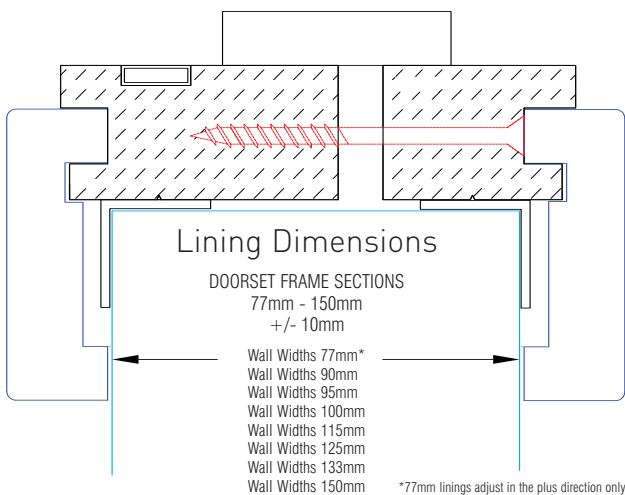
Standard Door Size	Opening Size
864 x 1981mm (2'10" x 6' 6")	930 x 2029mm
838 x 1981mm (2' 9" x 6' 6")	904 x 2029mm
762 x 1981mm (2' 6" x 6' 6")	828 x 2029mm
711 x 1981mm (2' 4" x 6' 6")	777 x 2029mm
686 x 1981mm (2' 3" x 6' 6")	752 x 2029mm
610 x 1981mm (2' 0" x 6' 6")	676 x 2029mm
533 x 1981mm (1' 9" x 6' 6")	599 x 2029mm
457 x 1981mm (1' 6" x 6' 6")	523 x 2029mm
926 x 2040mm Standard Metric	992 x 2088mm
864 x 2040mm Standard Metric	930 x 2088mm
826 x 2040mm Standard Metric	892 x 2088mm
726 x 2040mm Standard Metric	792 x 2088mm
626 x 2040mm Standard Metric	692 x 2088mm
526 x 2040mm Standard Metric	592 x 2088mm

Wardrobe Door Pair Size Square Meeting Stiles (SMS)	Opening Size
1220 x 1981mm	1289 x 2029mm
1524 x 1981mm	1593 x 2029mm
1676 x 1981mm	1745 x 2029mm
1252 x 2040mm	1321 x 2088mm
1452 x 2040mm	1521 x 2088mm
1652 x 2040mm	1721 x 2088mm

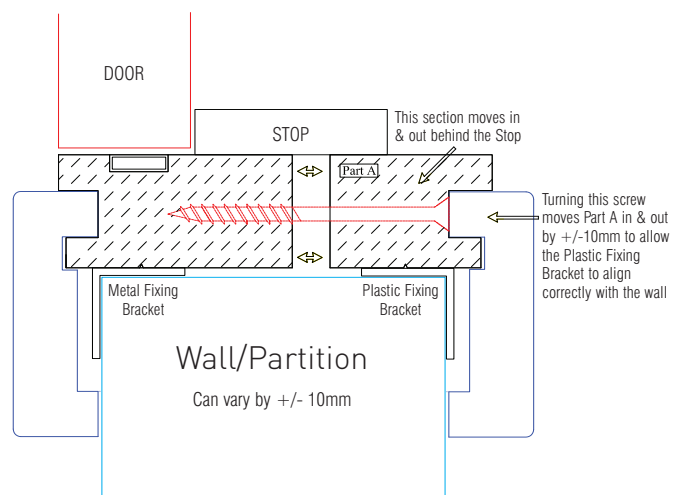
Reduced Height Door Size	Opening Size
626 x 1710mm Standard Metric	692 x 1758mm
626 x 1204mm Standard Metric	692 x 1252mm
626 x 945mm Standard Metric	692 x 993mm

*Restrictions may apply on some door types

lining dimensions



operational drawing

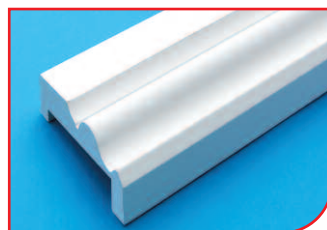


architrave type

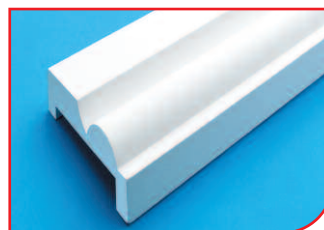
Pencil Round 58mm



Ogee Style 58mm



Torus Style 58mm



Foil architrave available in Pencil Round only

installation instructions

Full installation instructions (see pages 7 & 8) are supplied with each SpeedSet Plus doorset, or can be downloaded from www.premdor.co.uk

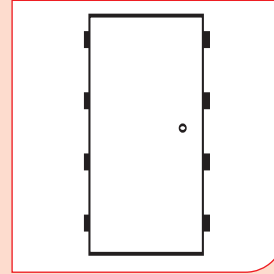
installation guide - fitting SpeedSet Plus

step 1



Carefully unload completed doorsets and ancillary components. Check that you have architraves and bag of ancillary components. Ensure that the door handing and scheduled location is correct.

step 2 **NEW**



Fit four pairs of fixing brackets (one steel, one plastic) to each jamb, space evenly, taking care not to overlap the adjusting screws. **IMPORTANT:** The steel rigid fixing bracket must be fitted to the 'door hanging' side of the lining. Use two 25mm screws to fit the steel rigid fixing brackets, screwing through the two round holes in the bracket. Ensure that the point of the screws are located into the groove in the back of the lining. This will ensure that the brackets are correctly positioned approx 5mm in from the edge of the lining. Fit the flexible plastic bracket with a 25mm screw through the single hole, ensuring the v-groove is facing outwards. Again ensure that the point of the screws are located into the groove in the back of the lining.

step 3



If one is fitted, carefully remove the disposable transit brace from the bottom of the door frame. Offer the doorset into the wall opening, plastic bracket side first, ensuring plastic brackets are extended. Push the doorset into the wall opening until the rigid steel brackets make contact with the wall. SpeedSet Plus is designed to give a 15mm gap under the door. If a greater gap is required lift the frame using packers. If a smaller gap is required trim the bottom of the lining.

step 4



Position the doorset vertically and centrally in the wall opening. Fix the brackets to the wall using the 40mm screws by inserting through the horizontal bracket slots. If necessary use packers to position the door set.

step 5



Check that the frame is plumb, square and securely fixed, also that the door operates freely. Adjust if necessary. If the latched door 'rattles', this can be eliminated by bending the tab in the latch keep.

step 6 **NEW**



For wall thickness variations, the lining width can be adjusted, by up to +/- 10mm* as follows. SpeedSet Plus has four adjusting screws in each jamb and two in the lining head. These are located in the architrave groove. The frame width can be adjusted by turning these screws in or out. Adjust each screw a little at a time. If more than 5mm width adjustment is needed move clockwise around the doorset adjusting each screw by a maximum of 5mm before moving on to the next. When correctly adjusted the edge of the frame will project 5mm out from the wall (see pic. Step 7). (*Except 77mm wide linings which adjust in the plus direction only).

step 7



Once adjusted, fold the flexible plastic brackets back against the wall and fix using two 40mm screws.

pairs of doors

Doorsets containing pairs of doors are despatched fully serviced but unassembled.

important information

1. Storage, Handling & Installation

The following recommendations must be followed: SpeedSet Plus is by design a 'just in time' product and should arrive at the job site no more than one day prior to installation. This reduces site storage, unnecessary extra handling and site damage. SpeedSet Plus should be fitted at a late stage in second fix prior to installation of skirting. All items should be checked at time of delivery to ensure they are not damaged and that no parts are missing. SpeedSet Plus must be stored under cover in dry conditions, stacked horizontally on a level surface, on three or more dry bearers of sufficient thickness to give a minimum 90mm air gap between the bottom doorset and the floor.

SpeedSet Plus must not be stored in a building when, or immediately after it is being plastered or wet trades have been active.

SpeedSet Plus is designed to allow a ventilation gap under the door as required by building regulations. However it is the responsibility of the installer to ensure that this gap remains correct after installation.

Where the wall or reveal makes it difficult or impractical to use SpeedSet Plus installation brackets, the frames can be

fixed to the wall by screwing through the jambs. Width adjustment of SpeedSet Plus must be carried out before the frame is fixed to the wall.

Take particular care when using SpeedSet Plus for airing cupboards. These doors should be removed during commissioning of the central heating system to avoid exposure of the door to excessive heat or moisture which may cause distortion. FD30 fire doors - voids between the frame and wall must be filled using a suitable fire resisting material.

2. Decoration

Where required, decoration should be carried out in accordance with BS6150:1991 and BS8000 Part 5:1990.

Prior to decoration all components must be clean and dry. Care must be taken to ensure that the timber components have not absorbed excessive moisture from the atmosphere. Always follow the instructions provided by the paint or stain manufacturer.

Always ensure that the same number of coats of paint or stain are applied to both sides of the door. Failure to do this may cause the door to distort.

To ensure that the door, frame and architrave are fully protected we recommend that at least three coats of a basecoat / topcoat paint system or stain is applied to all surfaces (including top and bottom of the door). All edges, rebates for glazing and any areas which have been cut, drilled, etc on site must be fully painted / stained to the same standard to the rest of the door. The entire paint system must be applied within 48 hours of the SpeedSet Plus doorset being installed.

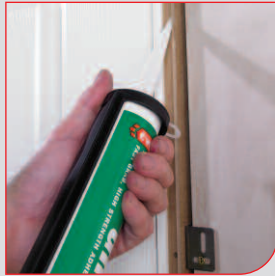
us just couldn't be easier...

step 8



To prevent damage, lay the matched architrave components face down on a flat, clean surface. Butt the joints together and fix by carefully tapping the 'butterfly' clip supplied into the pre-cut slot. After assembly check the fit of the architrave into the groove on the door frame before proceeding to Step 9.

step 9



Apply a good quality gap filling adhesive into the architrave location groove in the door lining. Take care not to apply too much adhesive as this may cause difficulty when fitting the architrave. To avoid staining, excess adhesive must be removed immediately. Always follow the adhesive manufacturers instructions.

step 10



Firmly push the architrave into the locating groove in the door lining. Pinning is not necessary. If required, paint the door, frame and architrave. Handles (not supplied) may now be fitted and the installation is complete.

step 11



Installation Complete.

block walls



It is recommended that a timber stud lining frame should be fitted within the wall aperture prior to commencing installation of SpeedSet Plus doorsets. To ensure compatibility with standard unit frame sizes, dimensional allowance should be made for the thickness of this sub frame. (See Page 6).

fire doorsets

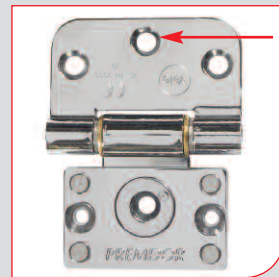


At Step 2: In addition, to ensure rigidity after installation fit two extra steel rigid fixing brackets adjacent to the top and middle hinges.

If necessary, fit door closer and replace standard intumescent strip with intumescent smoke seal if required.



At Step 7: In addition, fill any gap between the frame and the wall with fire retardant foam or other suitable fire blocking material.



At Step 8: To add extra support for the weight of a fire door we recommend that one of the frame side screws, on the top two hinges, is replaced by the 50mm screw supplied in the accessory pack. Drive this screw through the frame into the supporting studwork.

adjusting the hinges

If after installation and decorating the door binds against the stop on the hinge side this can be overcome as follows: Remove the centre screw and circular washer on the door side blade of each hinge. Slacken off the other 2 screws. This will allow the hidden hinge blade to move in and out thus moving the door relative to the stop. Adjust the position of the door so that it does not bind against the stop. Tighten up the 2 screws to lock the hinge in position. Refit the washer rotating it so that the peg in the back of the washer is located in one of the holes in the hidden blade of the hinge. Fit the final screw.

accessory pack

All SpeedSet Plus doorsets are supplied with a pack containing all required fixing components, brackets, architrave joint clips, and screws. This includes 50mm screws which must be used, as supplementary support, when installing fire door specifications.

3. After Care

SpeedSet Plus doorsets can be cleaned using a damp cloth or a cloth moistened in mild soapy water. Abrasive, solvent or industrial cleaning products must not be used.

4. Ironmongery Maintenance

All active ironmongery (hinges, handles etc.) should be lubricated at regular intervals.

5. Warranties

SpeedSet Plus door and frame components are guaranteed for 10 years against manufacturing defects. Factory applied paint finish is guaranteed for two years. Guarantees are subject to the products being treated in accordance with

Premdor's instructions for storage, handling, installation, maintenance and use and exclude ironmongery where applicable. Failure to follow these instructions may invalidate your guarantee. This does not affect your statutory rights.

6. 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.

door designs and finishes



Moulded Panel



Canadian



Manhattan



Innova™



Veneer



Foil



Popular



Paint Grade

building regulations

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

Building Regulations
Part M



Mobility:

(Access and Facilities for Disabled Facilities): Building Regulations Part M / Northern Ireland Building Regulations Part R – *SpeedSet Plus 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.*

Ventilation:

Building Regulations Part F / Scottish Technical Standards & Northern Ireland Building Regulations Part K – *changes to Building Regulations Part F now require the installation of all interior doors to incorporate a typical threshold gap of 10mm. Responsibility for compliance is with the installer who must modify the frame jamb position or length according to the adjacent finished floor level.*

Fire Safety:

Building Regulations Part B / Scottish Technical Standards Part D & E / Northern Ireland Building Regulations Part E – *fire doorsets are FD30 Certifire approved and formally tested to BS476 Part 22.*





PREMDOR[®]

0844 209 0008

www.premdor.co.uk

Head Office
Birthwaite Business Park, Huddersfield Road
Darton, Barnsley
South Yorkshire S75 5JS

email: ukmarketing@premdor.com



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