

PREMDOR®

Following installation, this document should be retained and passed on to the property owner.

Installation Guide



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



Installation Guide

Step 1



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

Step 2



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 7



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 8



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 9



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 10 Installation Complete



Important Information

Storage and Handling

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, equal thickness 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. It is the responsibility however 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.

Decoration

Where required, decoration should be carried out in accordance with BS6150:2006 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 is applied to all surfaces.

The entire paint system must be applied within 48 hours of the SpeedSet Plus doorset being installed.

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.

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



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 picture above right).

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

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



Blockwalls



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 back page).

Additional Steps For 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.



At Step 6: In addition, fill any gap between the frame and the wall with fire retardant foam or other suitable fire blocking material.

N.B The fire retardant foam must be tested for use as a frame to wall sealant.



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.

If necessary, fit door closer and replace standard intumescent strips with intumescent smoke seals.



Ironmongery Maintenance

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

Warranties

SpeedSet Plus door and frame components are guaranteed for ten years against manufacturing defects. The 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 excludes ironmongery. Failure to follow these instructions may invalidate your guarantee. This does not affect your statutory rights.

Ordering Information

Speedset plus is available by quotation only, Please contact Premdor for details. Specifications may vary at our option.

Ordering Quantities

Minimum order of ten doorsets applies.

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.

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 two 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 two 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.

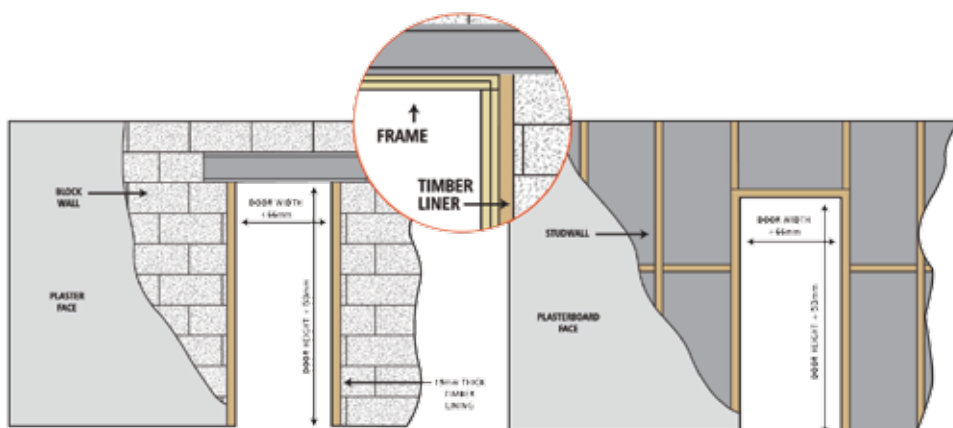
Accessory Pack

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.



Technical Specifications

SpeedSet Plus Structural Openings



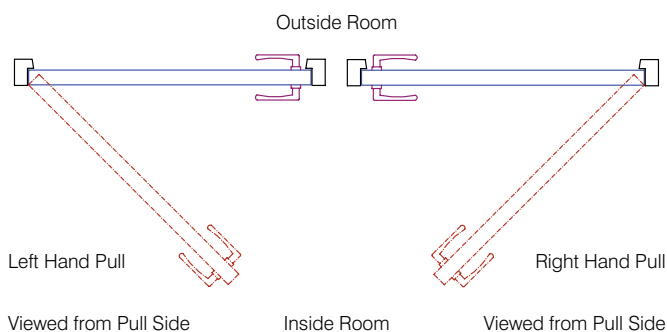
Standard door size	Opening size
914 x 1981mm (3' 0" x 6' 6")	980 x 2029mm
864 x 1981mm (2'10" x 6' 6")	930 x 2029mm
838 x 1981mm (2' 9" x 6' 6")	904 x 2029mm
762 x 1981mm (2' 6" x 6' 6")	828 x 2029mm
711 x 1981mm (2' 4" x 6' 6")	777 x 2029mm
686 x 1981mm (2' 3" x 6' 6")	752 x 2029mm
610 x 1981mm (2' 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 moulded 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 sizes.

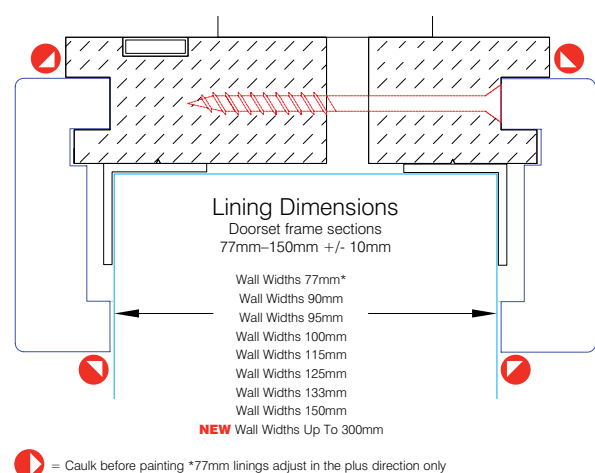
Door Handing



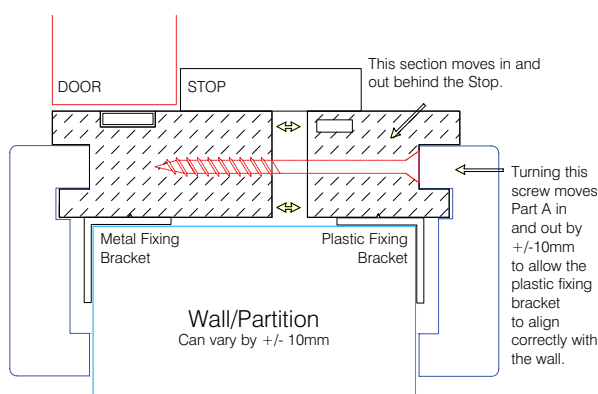
Architrave Types



Lining Dimensions



Operational Drawing



PREMDOR®

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