

PREMDOR®

SpeedSet Plus Internal Doorsets

Product Guide



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

 **SPEEDSET** THE INTELLIGENT DOORSET SOLUTION **PLUS**

Introducing



SpeedSet Plus - adjustable internal doorsets allowing easy modification for variation within a given wall thickness.



Premdor UK is a division of Masonite, one of the world's leading manufacturers of interior doors and entry door systems.

For over 80 years, Masonite has maintained its focus on pioneering innovation, manufacturing excellence and unrivalled customer service.

Masonite operates from 55 sites located around the world, serving clients in 70 countries.



Introducing SpeedSet Plus

- SpeedSet Plus is a cost effective way of fitting a door and frame.
- Rapid installation: doorsets can be installed in less than 20 minutes.
- Easily adjustable doorset combating the problem of variation within a given wall thickness.
- Traditional costly joinery skills are not needed to install SpeedSet Plus.
- Reduces the impact of shortages of skilled construction labour.
- Intumescent strips supplied and fitted to FD30 SpeedSet Plus doorset. Smoke seals can also be fitted as an option.
- Damage risk is reduced as SpeedSet Plus is fitted later in the building programme.
- Supplied with all parts needed for quick installation (except handles).
- **NEW:** For use with wall widths up to 300mm.

BS EN ISO 9001: 2008

Premdor manufacture doors and doorsets that are produced under the disciplined quality management controls of BS EN ISO 9001: 2008.

BS EN ISO 14001: 2004

Premdor has achieved BS EN 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



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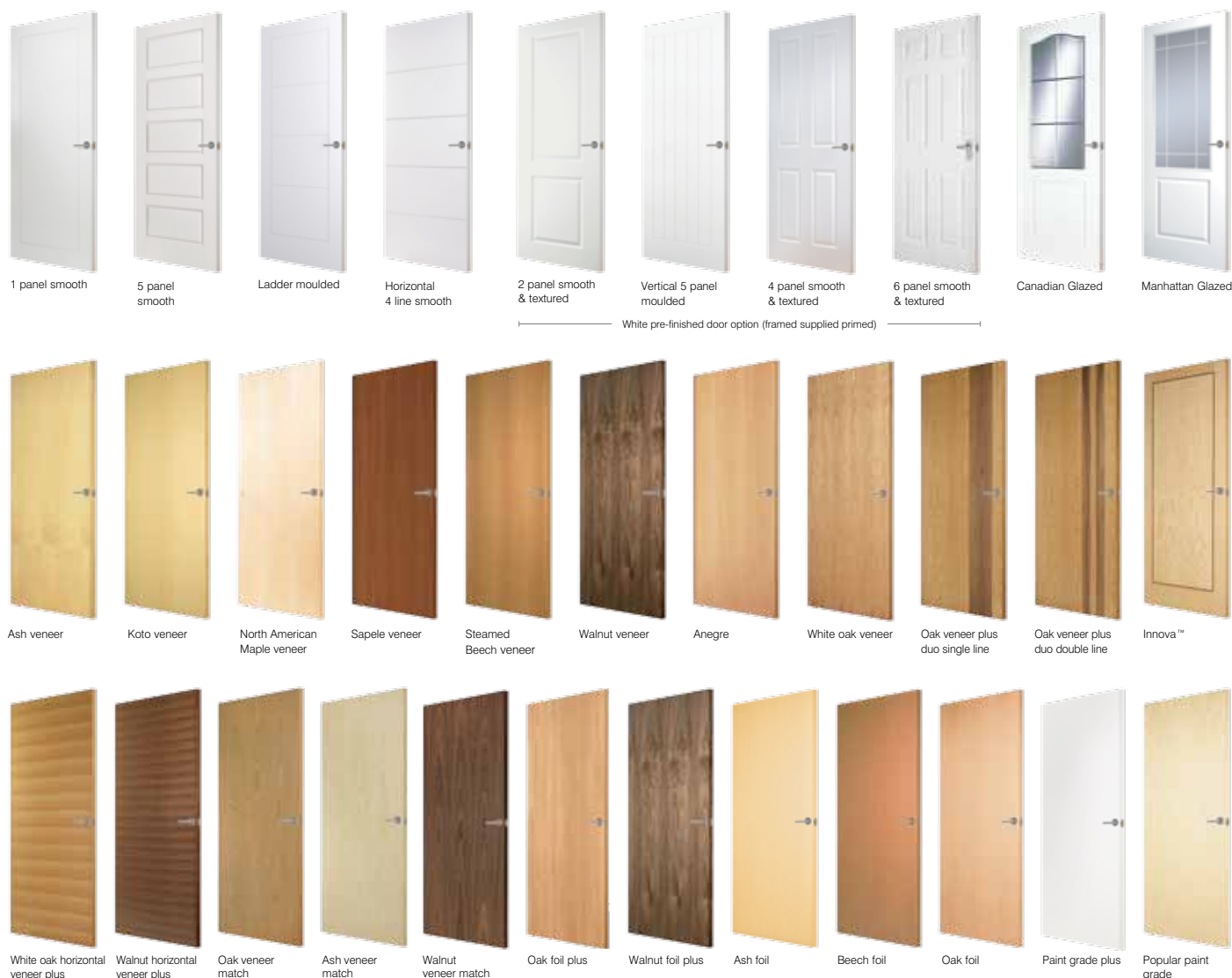


SpeedSet Plus Benefits

- Door supplied pre-hung with CE Marked latch and chrome adjustable hinges as standard.
- Supplied with pre-mitred architrave.
- Available with Premdor's Standard Core, Semi Solid, Safe 'N' Sound and FD30 fire doors.
- FD30 fire doors are fully BWF Certifire approved.
- Hidden frame to wall fixings.
- Approved document E Compliant (29dB) option available.
- Glazed and door pair options available.
- Plated screws, no rust.
- White recoatable foil faced finish frame and architrave requiring minimum on site decoration.



Door Designs and Finishes



All doors are available as FD30 fire doors, except Canadian and Manhattan options.

Door pairs also available.

Visit www.premdor.co.uk for more designs and styles.

Architrave Types

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.

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



Contemporary 58mm



Ogee Style 58mm



Torus Style 58mm & 69mm

SpeedSet Plus Features

Hinges

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

Fixing Brackets & Screws

All fixing brackets and screws required are supplied with SpeedSet Plus. 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 (MDF). FD30 doorsets come complete with intumescent strips fitted to jambs and head.

Doors

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

Ironmongery

Various pre-fitted CE Marked latch / lock options available. Please note, that door handles are not provided.

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.



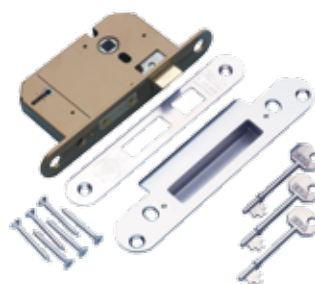
Ironmongery Options



65mm Latch
CE Marked Chrome Effect



Bath Lock
CE Marked Chrome Effect



Five Lever Sash Lock
Chrome Effect
(Euro Cylinder Lock and Fire Brigade Lock available)



Roller Catch
Chrome Effect



Shootbolt
Chrome Effect
(applies to door pairs only)

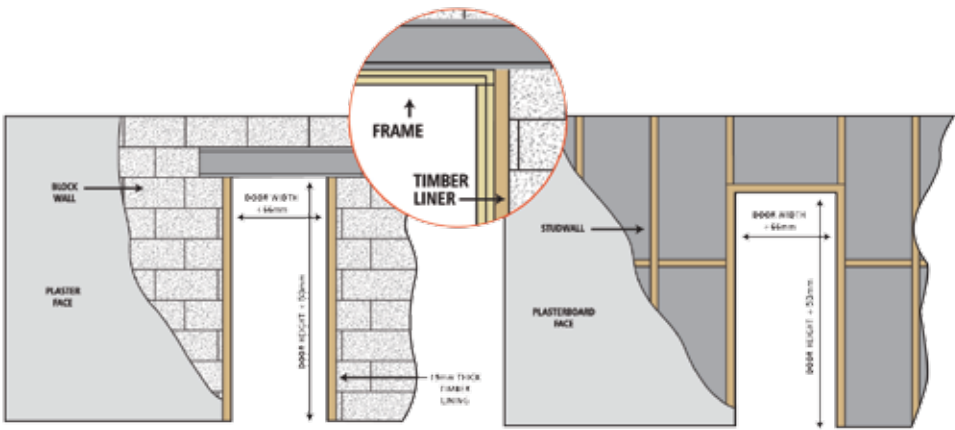


Hinge
Chrome Effect or White

Images are for illustrative purposes

Technical Specifications

SpeedSet Plus Structural Openings



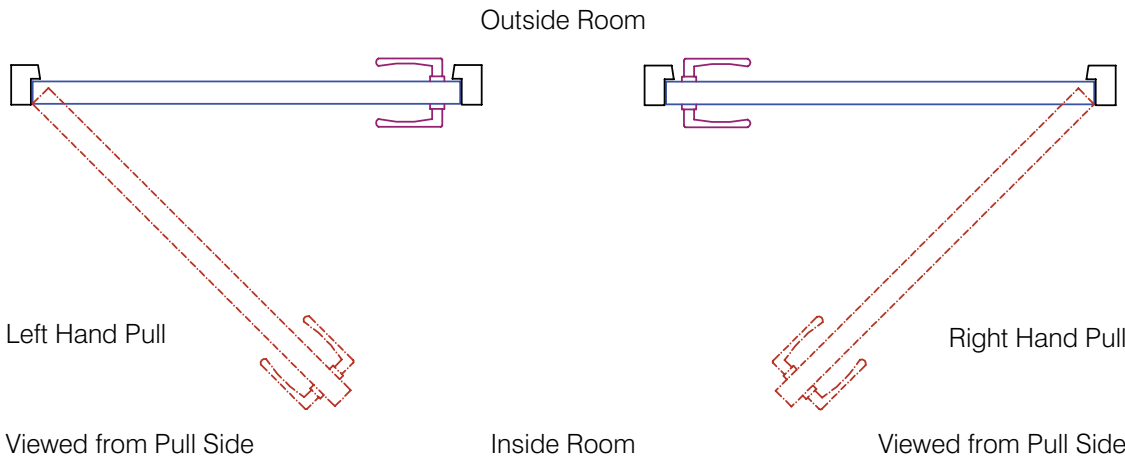
| Standard door size | Opening size |
|------------------------------|--------------|
| 914 x 1981mm (3' 0" x 6' 6") | 980 x 2029mm |
| 864 x 1981mm (2'10" x 6' 6") | 930 x 2029mm |
| 838 x 1981mm (2' 9" x 6' 6") | 904 x 2029mm |
| 762 x 1981mm (2' 6" x 6' 6") | 828 x 2029mm |
| 711 x 1981mm (2' 4" x 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 |

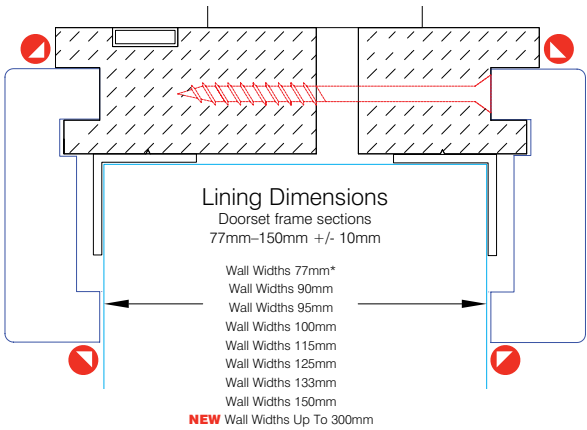
| Reduced height moulded door size | Opening size |
|----------------------------------|--------------|
| 626 x 1710mm Standard Metric | 692 x 1758mm |
| 626 x 1204mm Standard Metric | 692 x 1252mm |
| 626 x 945mm Standard Metric | 692 x 993mm |

Restrictions may apply on some door sizes.

Door Handing

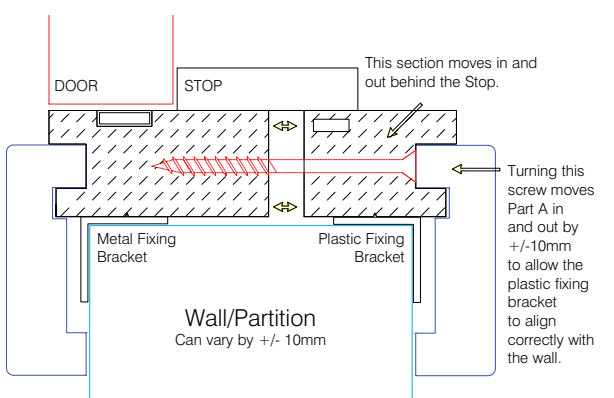


Lining Dimensions



▶ = Caulk before painting *77mm linings adjust in the plus direction only

Operational Drawing



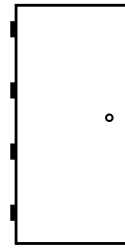
Installation Guide

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



Pairs of Doors

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



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 Page 6).

Additional Steps For Fire



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.



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.

Door Specifications

Standard Core

Cost effective core specification for typical domestic applications. See Premdor Range Guide for details.

Semi Solid Core

Doors can be supplied with a Semi Solid construction with additional core components to give the door a heavier feel. See Premdor Range Guide for details.

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. See Premdor Range Guide for details.

Fire Doors

SpeedSet Plus is also available as a FD30 doorset. 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 BS EN 12600.

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

Canadian Range doors feature individual glass pieces, bevelled on one side, with chrome effect glazing bars. See Premdor Range Guide for details.

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

Factory glazed FD30 fire doors are available with either clear or wired glass. See Premdor Range Guide for details.

Pairs

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

Reduced Height Doors

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

Sound Reduction Option

Sets with improved acoustic performance for use within domestic dwellings are available. These doorsets will provide compliance with Document E (29dB).

Please contact Premdor for further details.



Standard Core



Semi Solid Core



Safe 'N' Sound



Moulded Fireshield FD30



FD30 Veneered
(Premcor)

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.

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.

PREMDOR®

For installation support or further information please call

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www.premdor.co.uk