1. Overview

Typical Sliding Wardrobe Door Layout

A Frame - Top Liner (optional)
B Top Track
C Frame - Strike Plates (optional)
D Sliding Doors
E Bottom Track
F Frame - Bottom Liner (optional)
G End Panel (optional)

2. Measuring

Please refer to the comprehensive measuring guide on our website:
www.wardrobedoorsdirect.co.uk/measuring-guide.html

Please measure carefully both the opening height and width in a minimum of three places. Please provide the smallest measurement for the height and for the width. If the height or width measurements vary by more than 10mm we recommend constructing a simple frame using strike plates and liners which can be purchased through our website:
www.wardrobedoorsdirect.co.uk/extra-items.html

3. Tools & fixings you will need

**Tools**
- Electric Drill
- Screwdriver
- Hacksaw (recommended 42 tpi blade to trim track sets)
- Electric Jigsaw* / Handsaw*  
- Spirit Level
- Set Square
- Bradawl

* with appropriate blade for cutting MFC.

**Fixings / Materials**
- Masonry Wall Plugs & Screws
- MFC Fixing Screws/Cover Caps
- Timber Fixing Screws
- Corner Blocks and/or Timber Battening (if installing end panels or interior shelving/partitions)
- Packers
- Sand Paper
- Masking Tape
4. Constructing the frame

4.1 Planning the area

IMPORTANT - Before beginning construction check all relevant dimensions carefully. Check the wall and under-floor areas to avoid damaging water or central heating pipes and electric cables.

4.2 Constructing a frame (optional)

Constructing a frame will help with levelling, ease of fixing and will increase stability of the finished wardrobe. Strike plates and liners are available through our website in kits of 2, 3, 4, 5 or 6 pieces depending upon the size of wardrobe and your order. Any aperture wider than 2620mm will need two floor/ceiling liners butted together.

Note: For installations over carpet or where carpet is going to be laid we recommend you use the liner system.

Skirting boards and coving/cornices

Before commencing installation decide which option you prefer with regard to existing skirting boards. The strike plate thickness (18mm) is generally the same as the projection of the skirting board; therefore if you wish to avoid cutting the skirting board the strike plate can be positioned above the skirting to the ceiling (see illustration a). Alternatively, if you wish to run the strike plate from floor to ceiling then you must remove the skirting board at the correct position allowing a tolerance for the liner supplied (see illustration b). If you have a coving or cornice at ceiling level and you have ordered your system to fit to the ceiling height you must also remove the corresponding portion of the coving with clearance to allow for the top liner to finish at ceiling level.

Cutting and drilling the strike plates and liners

Cut the strike plates and liners to size, less 2mm. Drill 5mm holes centrally in the width of the liners and strike plates, approximately 150mm from each end and space out the remaining screw holes evenly at a maximum of 500mm centres (see illustration c). In the top and bottom liners countersink the screw holes to allow the top and bottom tracks to be fitted flush.

TIP When cutting the strike plates and liners to length use masking tape along the cut lines to prevent the laminate surface from chipping. Carefully remove the tape after you have finished cutting.
Fitting the top and bottom liners
Place the floor liner in position. It is essential for the proper running of the doors that the bottom track is perfectly level; therefore, check this carefully using a spirit level. When you are satisfied fix the liner to the floor (using packers where necessary) with countersunk screws, ensuring the heads finish flush with the face of the liner. Repeat with the ceiling liner. If screw fixing use the appropriate fixing plugs depending upon whether the ceiling is lath and plaster or plasterboard.

Fitting the strike plates
Place the first strike plate into position. Check with a spirit level that it is vertical and pack away from the wall if necessary to ensure it is plumb. If using plugs and screws secure it to the wall ensuring the screw heads finish flush with the face of the strike plate. Repeat with the second strike plate. For a neater finish on the strike plates it is advisable to cover the screwheads with cover caps (not supplied). Check all levels again after final fixing.

Note: As an alternative to drilling and screwing the strike plates and liners a grab adhesive (eg. No More Nails, Pink Grip) can be used to fix these to the wall, ceiling and floor, making sure the manufacturer’s guidelines are followed. The top liner will require bracing against the ceiling until the grab adhesive has completely set.

4.3 Fitting an End Panel (optional)
If you are not using the full width of an alcove, or constructing your wardrobe from a corner in the room, you will need to add an end panel. This can be attached to the floor, ceiling and back wall using fixing blocks, or with timber battening and screws. The end panel replaces the requirement for one of the strike plates and therefore needs careful positioning and cutting to size so that it fits flush with the ceiling and floor liners.

Step 1
Measure from the face of the wall your width dimension (A) to the outside face of the end panel, and mark the position on the back wall with a pencil. At this same position measure the height dimension from floor to ceiling (B) on the back wall and also at a position to align with the front of the end panel (C). If both dimensions are the same cut down the end panel to this size, minus 2mm. If there is a significant difference between the sizes cut the end panel to match the shape of the ceiling.

TIP If you are creating a wardrobe which which will need a top panel adding (see 4.4), make sure the end panel is taller than the height of the frame by 18mm so that the top panel will fit flush with the top edge of the end panel - see top illustration.
Step 2
To accommodate skirting boards either:
- cut to shape the end panel over the skirting board (see illustration a) or;
- remove a section of the skirting board to match the thickness of the end panel and slide the end panel into the gap so that it butts up against the back wall (see illustration b).

Step 3
Using fixing blocks, secure them flush with the edge of the end panel, two at the top, two at the base and four to the long wall edge. Place the panel against the back wall, check for plumb with a spirit level and secure through the blocks with wall plugs and screws. Use No 8 x 13mm screws into the end panel so that they do not come through the other side. Use No 10 x 32mm screws for fixing into the wall.

Step 4
Continue fitting the bottom track liner and wall liner as previous instructions, (section 4.2) installing between the end panel and the wall/skirting board.

4.4 Fitting a Top Panel (optional)
If you are not using the ceiling of the room to create the ceiling of your wardrobe, you will need to add a top panel. This can be attached to the top liner, the side panel and back walls using fixing blocks, or with timber battening and screws.

**TIP**  If you are using screws to fix the top panel to the top liner of the frame, make sure the screw ends do not protrude through to the underside of the top liner as this will spoil the appearance and may prevent the top guide track being attached properly.

4.5 Full height End Panel and Ceiling Infill (optional)
As an alternative to a top panel, a ceiling infill panel can be used to make up the depth between the top of the frame and the ceiling of your room. This can be fixed to the top liner of the frame, the wall, end panel and ceiling using fixing blocks or with timber battening and screws. Liners (100mm width), shelves (500mm width) or end panels (640mm width) cut down to size can be used to create infill panels, depending upon the height reduction required.
4.6 Internal fittings -
vertical supports, shelves & hanging rails
Vertical supports to support internal shelving must be fitted at intervals of no greater than 1200mm. Set the vertical supports and shelving behind the profile of the frame. After checking the supports are perfectly vertical they should be fixed securely to the floor, the walls and ceiling using fixing blocks or with timber battening and screws. Shelving can then be attached to the walls, end panel and vertical supports using fixing blocks or with timber battening and screws.

5. Installing the tracks

5.1 Cutting the top and bottom tracks
Carefully measure the width of your opening at the top and bottom. Deduct 2mm from each measurement and cut your top track and bottom track to the correct length with a hacksaw.

For positioning of tracks at Section A/A please see the next step 5.2.

**TIP** To assist when cutting the top track insert 50mm x 38mm (2"x 1½") wood blocks into each channel for support - see illustration below. To make it easier to mark the position for cutting and to prevent the saw blade skidding it is also advisable to wrap masking tape around the track before commencing cutting. Once the track has been cut, remove the tape.
5.2 Positioning and installing the top track
Mark on the track, inside both channels, where the screws will be fixed. Set the holes approx. 80mm from each end of the track and space the remaining holes evenly along the length of each channel, approx. 500mm apart - see top illustration. Drill 4mm holes through the top track at the points you have marked. Then, holding the top track in position against the top liner (or ceiling), with the front face flush with the front of the top liner, mark the positions of these holes on the top liner (or ceiling). Use a bradawl or 2mm drill bit to make pilot holes in the top liner before screwing the top track in place. (If fixing the track directly to the ceiling make sure to use suitable plugs). Take care not to overtighten the screws as this can distort the track. As an alternative to screw fixing, the top track may be fixed using a suitable silicon contact adhesive.

**TIP** Before marking the positions for the screw holes and drilling your tracks, stick short lengths of masking tape to the areas to be marked/drilled as this will help you to mark the position for drilling more easily and will prevent the drill bit skidding and scratching the surface of the rails.

5.3 Positioning and installing the bottom track
To ensure the correct positioning of the bottom track use a plumb line from the front edge of the top track and mark three points on the bottom liner (or floor). Draw a straight line through these three points using a rule. Depending upon whether your bottom track is steel or aluminium please refer to the appropriate section below for drilling and positioning.

5.4 Steel track
Position the bottom track **22mm** behind the line you have marked (see illustration a). Mark on the bottom track, along the centre line where the screws will be fixed. Set the holes approx. 80mm from each end and space the remaining holes evenly at approx. 500mm intervals. Drill 4mm holes through the bottom track at the points you have marked and then mark these positions on the bottom liner (or floor) with the bottom track positioned on the line you drew in the step above. Fix the bottom track using the same method as used to fix the top track.
5.5 Aluminium track
Position the bottom track **8mm** behind the line you have marked (see illustration b), i.e. the bottom track needs to be central to the top track. Mark on the bottom track, along the centre line where the screws will be fixed. Set the holes approx. 80mm from each end and space the remaining holes evenly at approx. 500mm intervals. Drill 4mm holes through the bottom track at the points you have marked and then mark these positions on the bottom liner (or floor) with the bottom track positioned on the line you drew in the step above. Fix the bottom track using the same method as used to fix the top track.

**IMPORTANT** - Please slide door positioners into the aluminium bottom track before fixing to the floor liner (see illustration c). Refer to section 8.2 for final positioning.

### 6. Installing the doors

#### 6.1 Doors
**Note:** Depending upon the material and size of your doors they can be very heavy. It is advisable to have another person to help you lift and install the doors.

Install the rear door(s) first. Tilt each door as shown and fully insert the top of the door into the rear channel of the top track (A). Taking care not to damage the bottom rollers, align them with the bottom track (B) and slowly lower the door, letting the rollers snap into the track grooves.

Repeat the process with the front door(s), using the front channel and front bottom track. For multi door systems alternate the doors on the tracks.

**TIP** *By default the bottom rollers are set to the lowest position so you may have to adjust these to raise the doors up. If the doors are set to the lowest position take care not to scratch the bottom track when testing the slide.*

#### 6.2 Checking movement
Make sure the doors and tracks are positioned parallel and level. Check both doors travel smoothly along the entire width. Follow the next steps to make the final adjustments.
7. Adjustment

7.1 Steel frame - bottom roller
Make sure each door sits flush with the wall and/or other doors by raising and lowering the left and right sides of the door. The door level above the bottom track can be raised or lowered by adjusting the screw on the bottom rollers, using a screwdriver.

- To move the doors down – turn clockwise
- To move the doors up – turn anti-clockwise

7.2 Steel frame - top roller
Generally, the top rollers should not require any adjustment. However, they can be adjusted if required by sliding the pin up or down in the slot.

7.3 Aluminium frame - bottom roller
The bottom roller can be adjusted using the allen key provided by turning the adjustment bolt through the hole in the side profile.

- To move the doors down – turn anti-clockwise
- To move the doors up – turn clockwise
- After adjustment, plug the hole with the plastic hole covers provided.

8. Fixing the door positioners*

8.1 Top track door positioners (steel track only)
With the doors closed scribe in pencil a vertical line on the central divide of the top track at the centre point of where the door roller rests. Place the door positioner central to this line and mark the fixing position through the hole on the door positioner. Use a self tapping screw to fix the door positioner in place inside the top track against the central divide. Before final tightening of the screw adjust the distance of the door positioner closer to or further away from the central divide so that the guide wheel will sit comfortably into the recessed area when the door is in the closed position.

For each door in your arrangement follow this method for placing and securing the door positioners. Refer to the diagram at the top of page 9 for the correct placing of door positioners in multi-door arrangements.

* Note: Door positioners do not require fitting on 2-door arrangements or when the door closes against a wall or strike plate.
8.2 Bottom track door positioners (aluminium track only)

**Note:** Aluminium door positioners need to be inserted into the bottom track before fixing it to the floor or bottom liner - see section 5.5 Aluminium track.

Pull the doors to the closed position and mark on the bottom track the centre point between the doors. Slide the door positioners along the front and rear channels until the centre of each is at the centre point you have marked on the track. No screwing is necessary. For multi-door arrangements refer to the diagram opposite for correct placing of the door positioners.

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9. Soft close mechanisms

Soft close mechanisms can be fitted to the tops of your wardrobe doors but can only be used on aluminium installations. Each mechanism requires a strike plate or wall to work against and so the maximum number of doors possible in a two-track arrangement using soft closers is four (two front doors and two rear doors). In 5-door arrangements the central door cannot be fitted with a soft close mechanism.

If you have specified doors with soft close mechanisms these will come ready fitted to the top of your doors. The diagram opposite shows the positions of the soft close mechanisms, depending upon which door arrangement is ordered.

To enable the doors to close softly you will also need to fix an item called a ‘buffer pusher’ to the top track for each soft close mechanism fitted. For correct positioning/fixing of the buffer pushers please see the next step.

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9.1 Fixing the buffer pushers

Each buffer pusher has a small plastic peg at one end and it is this peg that the soft close mechanism works against.

Position each buffer pusher 250mm from the end of the track, one in each channel, as shown in the diagram opposite. Use one of the adhesive tabs supplied to hold the buffer pusher in place whilst marking the position for the screw. Drill a pilot hole into the top track at the position you have marked. Making sure the plastic peg is positioned at the front edge of each channel secure the buffer pusher in place using the screw provided.

Repeat this process for all the soft close mechanisms in your installation.
9.2 Priming the mechanism
Prior to fitting the doors into the tracks the soft close mechanisms need to be ‘primed’. To do this, push the plastic priming peg along the slot in the side of the mechanism to the end of the fitting until it snaps into position.

9.3 Fitting and adjusting the doors
Carefully locate the top of the first door into the rear channel of the top track, as described in section 6 of the Installation Guide.

Then, using the allen key provided, adjust the door upwards from both sides (see illustration a) by turning the allen key clockwise until the top guide wheels are just touching the plastic peg on the buffer pusher. Then turn the allen key anti-clockwise to lower the door by 1-2mm.

This adjustment should allow the top guide wheels to run freely in the top track whilst allowing the priming peg on the soft close mechanism to engage with the plastic peg on the buffer pusher - see illustration b.

Repeat this process for all doors in your wardrobe, remembering to install doors in the rear channel before installing doors in the front channel.

Note: If you require additional height adjustment to enable a door to sit higher within the top track the plastic peg on the buffer pusher can be trimmed by 1-3mm, allowing the door to be raised by the same amount.
10. Parts identifier

**ALUMINIUM DOORS PACK**
- 6 x plastic hole covers (per door)
  (not supplied if brush strip selected)
- 1 x bottom door positioner
  (per door)
- 1 x Allen key (per set)

**DOOR ROLLERS**

**STEEL**
- Top guide roller
- Adjustable bottom roller

**ALUMINIUM**
- Top guide roller
- Adjustable bottom roller

**SOFT CLOSE PACK**
(Available with aluminium frame doors only)
- 1 x buffer pusher per soft close mechanism

**Fixing screw**

**Buffer pusher**

**Adhesive tab**
The information provided herein is intended as a guide to good practice. Wardrobe Doors Direct cannot be held responsible or liable for any damage, wear or malfunction caused to components due to inadequate or improper installation.

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