

FITTING INSTRUCTIONS SF45 FOLDING SLIDING DOORS **TOP AND BOTTOM RUNNING SYSTEM**

PLEASE READ CAREFULLY BEFORE FITTING

1. Please refer to your detailed sectional drawing previously supplied to assist you with the configuration of the system supplied and identifying the profiles and their relative position.

2. **WHEN FITTING WITH ADDITIONAL SILL SECTION**

Level and fix down the sill section allowing a minimum of 4mm on to height of outer frame between sill and underside of lintel for fitting tolerance. Care must be taken to ensure that the sill is level across its width and also from front to back to prevent 'twisting'. Ensure packers under the sill are placed directly under the side jambs and continue at no further apart than 250mm with fixing points of a maximum of 500mm centres.

WHEN FITTING WITHOUT A SILL

Level base of opening to which bottom track is to be fixed with suitable packers, allowing a minimum of 4mm on to height of outer frame between top of packers and underside of lintel for fitting tolerance. Care must be taken to ensure that the packings are level across their width and also from front to back to prevent track when fixed down from 'twisting'. Ensure packers under track are placed directly under side jambs and no further apart than 250mm apart and fixing points at 500mm centres. Proceed with points 2, 3 and 5 onwards.

3. **ON BOTTOM RUNNING SYSTEM**

Insert the guide rollers into the top track and wheel block(s) into bottom track BEFORE assembling the outer frame. On wheel blocks where the cut out for running gear is 'off centred' the larger portion of wheel block must face towards hinge end (end that doors stack up to).

ON TOP RUNNING SYSTEMS

Insert the guide rollers into the bottom track and wheel block with attached bracket into the top track. On wheel blocks where the cut out for running gear is 'off centred' the larger portion of wheel block must face towards hinge end (ends that doors stack up to).

4. Slide the vertical jamb profiles into the top and bottom track to form the outer frame (a rubber mallet can be used to assist this procedure. Frame is now assembled (**DO NOT SCREW FRAME TOGETHER**).
5. Run a generous silicone bead along top of sill section.
6. Offer the frame into the opening. Firstly, screw fix the bottom track onto the sill section or levelled base, followed by the vertical jambs and lastly the top track. Use packers to ensure vertical jambs are plumb and top track is a constant distance from bottom track across the entire width. (On top running systems, ensure a solid load bearing fixing is gained when fixing top track. Fixing points should be at a maximum of 500mm apart)
7. Clean the top and bottom tracks, this is very important as swarf and dust will impair efficient running of the gear mechanism.

8. You are now ready to begin hanging the door panels. Panels will be numbered either on top or bottom of panel. Starting with panel No. 1, attach to the outer frame at the hinged side, using the stainless steel hinge pins provided, continue by fixing panel No. 2 to panel No. 1 in the same manor. In the end of panel No. 2, attach the top and bottom running gear bracket ensuring on:-

Bottom Running

that the prongs of the top brackets are inserted into the plastic guide rollers previously inserted into the top track (see point 3); and square block of bottom bracket is inserted into bottom running trolley previously inserted into the bottom track (see point 2).

Top Running

that the prongs of the bottom brackets are inserted into the plastic guide rollers previously inserted into the bottom track (see point 3). Top running gear bracket already in place (see point 2).

Both Systems

Use hexagonal bolt to partially secure. Attach panel No. 3 to panel No. 2 and to the running brackets. When panel No. 3 is in place, you can then push the hexagonal bolt fully through the hinge assembly, this fully engages the running mechanism. The locking nuts to ends of the hexagonal bolts can then be fitted – **DO NOT OVERTIGHTEN LOCKING NUTS**. Follow same procedure for any additional panels.

9. Check doors close properly, sometimes an adjustment is required to the vertical jambs. This is achieved by increasing or reducing the packers between jambs and side wall.
10. When glazing, ensure that the glass is toed and healed properly using PVC glazing packers. On single end doors also pack down sides of glass unit. Packers should be siliconed into position to prevent from slipping.
11. Finally seal the ends of the bottom track with silicone.
12. On odd numbered sets (i.e, with 3, 5, 7 etc number panels) a panel catch is supplied which is used to locate the single panel back onto adjacent panel to keep door in position when doors are open. This panel catch is in 2 parts with the male part fixed to the single door panel. This panel catch should be fixed along the top rail of the door panel. The position is determined by two factors:
- allowing sufficient clearance for handle clearance between the 2 panels (if applicable), and
 - fitted to the outermost point determined by point (a) if applicable allowing doors to close as tight together as possible.

IMPORTANT NOTICE:-

Please note that under no circumstances should the keys remain in the locking profile cylinder whilst the doors are being operated (opened and closed) as this could cause damage to the system.

Should you require any assistance with the above or additional advice, please call the Sunflex office on 0845 612 5 612