

FITTING INSTRUCTIONS SF80 FOLDING SLIDING DOORS FLUSH TRACK 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. Level and fix down the aluminium u-channel supplied, ensuring that the top edge of the channel is positioned to highest point of finished floor level. Fixing of channel section must be through centre of channel and fixings must be countersunk. Ensure that the channel is perfectly level across its width and from front to back to prevent bottom track, when inserted, from being twisted. Ensure packers under the channel are placed directly under side jambs and no further apart than 250mm and fixing points at a maximum of 500mm centres.
3. Insert the guide rollers into the top and bottom tracks BEFORE assembling the outer frame.
4. Insert vertical jambs into top and bottom track to form the outer frame (remove gasket from ends of head track to assist this process). Frame is now assembled (**DO NOT SCREW FRAME TOGETHER**).
5. Seal the ends of the u-channel and run a silicone bead along the centre of the channel.
6. Offer the frame into the opening. Firstly, fix the bottom track of the outer frame assembly through centre of track into the u-channel; [we would recommend 'self tapping' stainless steel screws for this (not provided)], followed by the vertical jambs to side walls and lastly fix 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.
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 manner. In the end of panel No. 2, attach the top and bottom running bracket ensuring that the prongs of the brackets are inserted into the plastic guide rollers previously inserted into tracks (see point 3). 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. (Further tolerance can be gained by removing the jamb and planing.
10. When glazing, ensure that the glass is toed and healed properly using PVC glazing packers. On single end doors, also pack down side 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:
 - a. allowing sufficient clearance for handle clearance between the 2 panels (if applicable), and
 - b. 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.

**FITTING INSTRUCTIONS SF80 FOLDING SLIDING DOORS
WITH STANDARD WEATHERED TRACK**

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 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 3, 4 and 6 onwards.

3. 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).
4. Insert vertical jambs into top and bottom track to form the outer frame (remove gasket from ends of head track to assist this process). 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 on to 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.
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 manner. In the end of panel No. 2, attach the top and bottom running bracket ensuring that the prongs of the brackets are inserted into the plastic guide rollers previously inserted into tracks (see point 3). 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. (Further tolerance can be gained by removing the jamb and planing.
10. When glazing, ensure that the glass is toed and healed properly using PVC glazing packers. Packers should be siliconed into position to prevent from slipping. On single end doors, also pack down side of glass unit.
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:
 - c. allowing sufficient clearance for handle clearance between the 2 panels (if applicable), and
 - d. 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.