



origin

DOORS AND WINDOWS

OS-44 & OS-77 Installation Guide

Installation Guide

Preparation

1. Check all components have been delivered
2. Check opening sizes are correct to ordered size
3. Check the substrate is plumb, level and flat
4. The cill/ track must be supported across its depth to prevent twisting when the weight of the door is applied

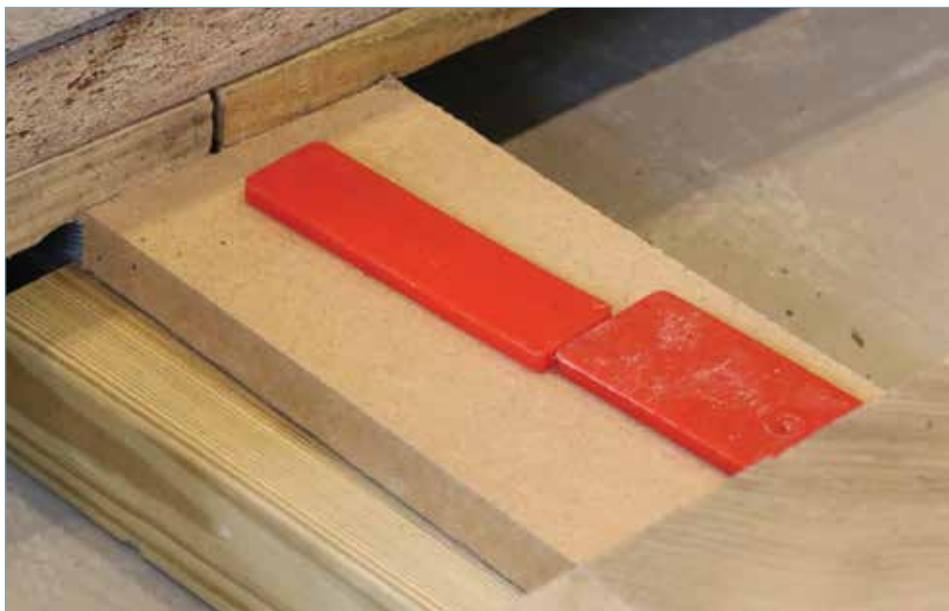


FIG 1

Frame Assembly

1. Lay out the frame components (as labelled) in your work area
2. Insert the alignment chevrons. Location – directly beneath brush gasket position
3. Apply sealant to the ends of the bottom track and attach the jambs
4. Align corners using the chevrons and then tighten using the 4mm allen key, making sure the joint is fully together. Once the corners are fully attached, fill the cleat locating and the screw holes with silicone (particularly at bottom track) (FIG3)
5. Wipe off the excess sealant
6. Attach the head to the jambs using the same process as described in points 2-5 above



FIG 2



FIG 3

Frame Install

1. Ensure that the bottom track/ cill is set flat and level and is supported along the whole length, making sure this is packed no more than every 500mm
2. If using a drip bar, fix and seal into position prior to installation into the opening, sealing along the bottom before fixing
3. Offer the frame into the opening. Pack down above the top 2 corners to hold the frame in place (FIG 4)
 - a. Check bottom track for level and make adjustments if necessary (FIG 5)
4. Jambs must be plumb and straight – pack as necessary when fixing to avoid bowing or twisting (FIG 6)
5. Using suitable frame fixings, secure the bottom track and both jambs into position. **NB:** All fixings through the bottom track must be filled with an all-weather sealant before fixing
6. Check the frame for square and adjust as necessary



FIG 4



FIG 5



FIG 6

Sash Install

1. If having a fixed sash, ensure the supplied sash packers are installed prior to installing the sashes

2. Insert the sash into the top track as far as possible (FIG 7)

b. Swing the bottom in and lower, so that the wheels of the roller engage on to its runner (FIG 8)

3. Repeat for all sashes

NB: *It may be necessary to lift the top track slightly to allow the bottom of the sashes to cross the runner*

4. If applicable, locate the fixed sash into place and secure using the screws provided

5. Ensure all sashes are running smoothly

6. Ensure that sashes are plumb, level and locking in line and working (FIG 9)

7. Small adjustments can be made using the adjustment screws on the roller using a PH2 long screwdriver. Adjustment is located in the hole at the bottom

8. The top track can now be fully secured. Care should be taken to ensure it is not bowed or twisted and is level along the entire length



FIG 7



FIG 8



FIG 9



FIG 10

Glazing

1. Start with the outside sash and work inwards
2. 4mm glazing packers should be positioned directly above each roller
3. Secure a 4mm packer in the glazing chamber and install the bead on the side of the sash behind the adjoining sash interlocker
4. Lift glass into position. Pack appropriately, making sure the sash remains square
5. Insert a short length of wedge gasket into the previously installed bead to make sure it remains in position
6. Install the remaining beads and insert the wedge gasket along all four sides
7. Repeat the steps above until all glass units have been installed

Finishing

1. Insert cover trims into jamb and track (if applicable)
 2. Insert end caps into prepped holes on the interlock (inside and out) and install the supplied screws. The small brush strip fits to the back of the cap before fixing
 3. Fix handles into position (FIG 11)
 4. Insert the shoot bolt keeps into the top and bottom track and insert the provided screw into the slotted hole. Check the sash locks into place smoothly and the side to side movement is kept to a minimum. Once adjustment is complete, install the remaining screws
 5. With the doors closed, mark the track (non-permanent mark) 150mm in from each side of each sash. Slide open the door and fix the anti-lift blocks into position, inline with the previously made marks
 6. Open the locking sash to the fully open position (being careful to allow space for the operators fingers). Locate the door stops on the bottom and top of the sash and fix into place using the supplied screws (FIG12 & FIG 13)
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FIG 11

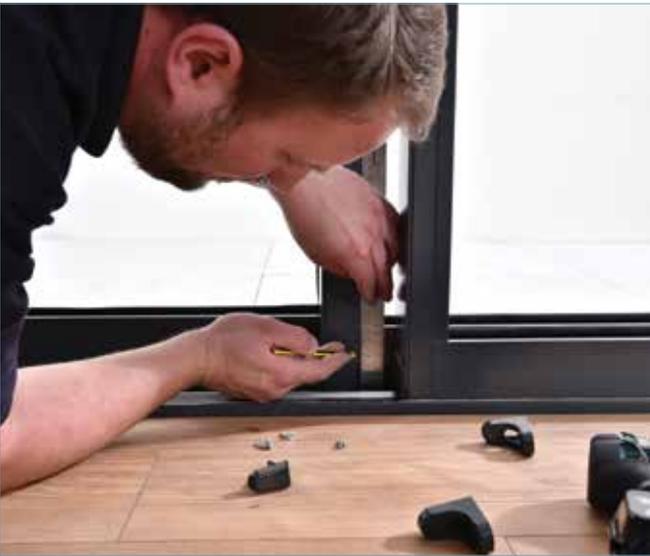


FIG 12



FIG 13

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