

MEDIUM DUTY ALUMINIUM

SWING DOOR INSTALLATION INSTRUCTIONS

1. Check the Door Opening –

Check the construction, soundness and levelness of the door frame / jamb.
If the door opening is not square, you may have to pack out either the top hinge mount or the bottom pivot mount.

2. Template –

2.1 - Cut out the 'top hinge mount' template provided.

2.2 - The template must be square to the underside of the door frame/jamb and hard up against the top corner edge of the opening.

Note: If mounting plates have been supplied with the swing doors, the template is not required, as the mounting plates are pre-drilled and tapped.

3. Drilling the Door Frame/Jamb for Top Hinge Mount –

-Timber Door Frame/Jamb-

Drill Holes at 4mm – use 14 gauge countersunk wood screw.

-Press-Metal Door Frame/Jamb (reinforced with min. 6mm backing plates, to lintel only)-

Use 8mm countersunk cap screws, drill a 6.8mm hole and tap using a 8mm x 1.25mm tap.

-Thin Press Metal / Coldroom Panel Door Frame/Jamb-

Mounting plates must be used and pop riveted to the lintel of the frame.

-Solid Steel (5mm thick min.) Door Frame/Jamb-

Use 8mm countersunk cap screws, drill a 6.8mm hole and tap using a 8mm x 1.25mm tap.

4. Fitting the Swing Door –

4.1 – Lift the Swing door into position and prop up using a wedge.

4.2 – The bottom pivot, nut and mount angle must be in place before the top hinge mount can be screw-fixed.

4.3 – Open the door slightly, while keeping the top hinge mount straight. Screw-fix one of the mounting holes carefully, followed by the rest.

4.4 – Position the bottom pivot mount angle and fasten it into place, fixed to either the side or the bottom.

4.5 – Adjust the bottom pivot locking nut, up until it sits firmly against the aluminium swing door frame.

4.6 – Tighten the grub screw of the locking nut.

5. Adjusting Tension –

Austcold Industries' medium duty aluminium swing doors come pre-tensioned before despatch. If the door requires more or less tension, insert a 6mm dia. Steel rod / dowel into the torque adjustment holes. Remove the stop pin using a straight-tip screwdriver, while ensuring that you hold the tension on when removing the pin. Increase or decrease the spring tension gradually, by one hole or as required. Re-insert the stop pin.

6. Alignment –

The door can be aligned/centralised by inserting an allen key into the grub screw located at the rear of the hinge assembly. Either increase or decrease the grub screw.