

## DOOR ASSEMBLY GUIDE

These installation instructions are of a general nature and designed to assist suitably experienced tradesmen assemble ASL Doors to a high standard.

For installation support, contact your ASL Account Manager before you start.

### Manufacturer's Documents

ASL recommends that all persons engaged in the assembly have full knowledge of the product and installation procedure as set out in the most recent edition of the manufacturer's instructions and related documents. Manufacturer's documents relating to work in this section are:

- ASL's Product Catalogue
- ASL's Design Guide
- ASL's Door Assembly Instructions
- ASL's Caring for Aluminium Guide

Copies of the above literature are available on request or from the ASL website. ([www.partitions.co.nz](http://www.partitions.co.nz))

### Inspection

Before starting assembly of ASL Doors, check again that the materials have been supplied as ordered and are free from damage or faults. Check colour and delivery docket to ensure product has been supplied correctly. Any variations must be reported to ASL prior to commencing the installation. No claims will be accepted where the job continues with obvious faults and no consultation with ASL has taken place.

### Transportation, storage & handling

ASL profiles must be transported, stored and handled with care. Avoid impacts or distortion and protect edges from being crushed. Do not accept damaged goods. If product arrives damaged note the condition on the freight documents and contact ASL immediately. Goods signed as received in 'good condition' will not be the responsibility of ASL. Always transport and store aluminium profiles on a flat, clean, dry surface.

### Cutting door profiles

Measure door opening size (Height and Width) required. Make allowance for door sizing to 'fit' inside the opening (Recommended opening Height size minus 15mm, opening Width size minus 8mm). Ensure all blades are sharp and straight. Ensure all cuts are at 90 degrees to ensure square doors.

Cut Door Height (Stile) same as calculated door height (\*Note - not opening size).

Cut Door Width (Top and Bottom Rails, also transoms if required). Width of Door - 150mm, 100mm or 75mm x 2 (Stile widths) + 2mm - Stile lip (Top/Bottom rail inserts into stile \*unique to ASL doors) = Cut size. We recommend you "measure twice and cut once".

### Door assembly

ASL Doors should always be installed in accordance with these Install Instructions and as per the specification detail and customer requirements. If there is conflicting information, you must seek clarification from all appropriate parties before proceeding with the work. It is imperative that the installation is planned before cutting any product.

Use a small cut section of top/bottom rail as a template to drill holes through the stile. Starting from the outside of the stile use the template to measure the required pilot hole location, holes to be drilled in the centre of the stile using a 9.5mm drill bit. Using the same template, drill through the glazing pocket on the stile using a 6mm drill bit. Place the fabrication block in the glazing channel in line with the drilled holes. On a clear bench or surface place the stile and rails square to each other and insert the bolts through the outside of the stile, in through the fabrication block and into the rail screw ports. You will require a long drill

head to reach through the stile holes to tighten the bolt. Ideally prior to fitting of the bolt, tap out the rail screw port hole. Repeat on all corners (Transoms should be installed after one end of door is assembled). Install caps following fixing of all bolts. Surface contamination should be cleaned immediately ensuring the ASL's Caring for Aluminium Guide instructions are followed.

### **Clean up**

Clean up as the work proceeds.

### **On completion**

Leave work to the standard required by following procedures. Clean surfaces of aluminium swarf. Remove any debris, unused materials and waste from site.

### **Service**

For more information contact your ASL Account Manager or visit our website. [www.aluminate.nz](http://www.aluminate.nz)