

Aluminum System Product Specifications



LaCantina Doors all aluminum system (non thermally broken) defines contemporary design. Strikingly clean and narrow, our all aluminum system features a 2 3/4" stile and rail profile allowing for more glass and light. Large openings up to 52' wide and 10'4" tall; with 8 doors opening in each direction are available. The aluminum system is complete with all hardware, featuring concealed multi-point locking throughout. Suitable for both residential and commercial projects.

Frame and Sill

Frame sections are extruded aluminum and consist of a head track, jambs and sill. Jamb thickness is 1 1/16" (27mm). Frame width is 4" (102mm). Frames are supplied ready for assembly and installation. Anodized aluminum sill incorporating weather stop and weep holes to water from the guide channels. Standard frame is outswing. Zero step, ADA, flush sill and inswing options are available however are not recommended for applications exposed to the weather.

Panel

Door panels are extruded aluminum stile and rail, single lite. Panel thickness is 1 3/4" (44.5mm). Rail and stile width is 2 3/4" (70mm). Maximum panel height of 10' (3000mm) for maximum frame height of 10'4" with standard sill. Maximum panel width of 39" (1000mm). Horizontal mullion is not required.

Interior and Exterior Finish

In stock color options include clear or bronze anodized and white. Custom colors are available to match virtually any color. Sill is bronze or clear anodized aluminum. Periodic maintenance will be required, similar to any aluminum product exposed to weather or salt.

Weather-stripping

Weather seal inserted in frame and sill to provide perimeter seal, as well as between door panels. Color is dark bronze.

Glass and Glazing

Tempered and insulated 3/4" (19mm) clear or low-E glass. Other glass options including laminated, impact and tinted are available upon request. Glazing seal is silicone bedding on exterior surfaces and glazing seal with bead on the interior of the panel.

Hardware

The hardware system operates with an upper wheel carrier that rolls on the aluminum head track. A lower track in the sill guides the door panels. The upper carrier and lower guide are attached to door panel hinges. Jamb panels are attached with top and bottom pivots. Panels are connected with hinges including top and bottom hinges attached to top carrier and lower guide. Handles to assist with opening and closing doors are included. Carrier pins at the top pivots, intermediate and end carriers support the full door weight and it is here that the panels are adjusted. A pin locking system is used to lock vertical adjustment once heights are set. Pivots at the jamb allow simple screwdriver adjustment of the system horizontally up to 3/8" (10mm). All screws are fully concealed for external security. Architectural grade stainless steel is used for hinge pins, carrier pins and carrier bogeys. Multi-point locks are used top and bottom to secure folding panels. Locking hardware at primary swing door panel is a deadbolt. Handle and lockset is provided with each system that has a daily passage door. Hardware finishes available are stainless steel and bronze.