

LCD3 WOOD/CLAD-WOOD SYSTEM PRODUCT DETAILS



La Cantina Doors offers aluminum clad and wood exterior folding door systems in standard sizes or manufactured to any design specification. Large openings up to 52 feet wide with 8 doors opening in each direction are available. We offer a complete system package with all hardware and locks, including handle and lockset for daily passage door. A comprehensive installation manual is provided. La Cantina Doors are ideal for both residential and commercial applications. Please visit www.lacantinadoors.com for further product information.

Frame

Head section consists of extruded aluminum head track with wood interior. Clad head has extruded aluminum exterior and wood head has wood exterior. Clad jambs are extruded aluminum exterior on solid laminated veneer lumber (LVL) core with wood interior trim. Wood systems have wood veneer jambs with solid LVL core and interior wood trim. Jamb thickness is 1 1/4" (32mm). Frame width is 5 5/8" (143mm) as standard. Frame width is extended with wood trim to the inside. Frames are supplied in knocked-down format.

Sill

Anodized aluminum sill incorporating weather-stop and weep holes to shed water from guide channels. Inswing, ADA and flush sill options are available however are not recommended for applications exposed to the weather.

Panel

Available in aluminum clad or all wood. Panel thickness is 3/4" (44.5mm). Rail and stile width is 3 5/8" (92mm). Bottom rail height increases to 7 1/2" (190mm) when frame height exceeds 96". Rails and stiles contain LVL core with wood veneer options. Maximum panel weight of 176lbs (80kg). Maximum panel height of 9'10" (3000mm) for maximum frame height of 121 5/8" with standard sill. Maximum panel width of 39" (1000mm). Panels are single lite as standard, with simulated dividing lite (SDL) and other custom options available.

Door Configurations and Frame Sizes

Maximum of 8 panels in any one direction (total of 16 door panels for 52ft wide frame). Available in standard or custom sizes. Refer to www.lacantinadoors.com for standard sizes and available door configurations. An odd number of door panels in any one direction are required to provide for a daily passage door

Interior and Exterior Finish

Wood is unfinished, clear and suitable for staining or painting. In-stock wood options are Vertical Grain Douglas fir, Clear Alder and African Mahogany. Sill and head tracks are bronze (standard) or clear anodized aluminum. Exterior aluminum surface standard colors are finished to meet AAMA 2604 specifications and are available in a range of colors. Custom colors are available upon request. Periodic maintenance will be required, similar to any wood or aluminum product exposed to weather or salt.

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. Drop bolts 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, bronze and brass.

Weather-stripping

Weather seal inserted in frame and sill (standard) 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 are available upon request. Glazing seal is silicone bedding on both interior and exterior surfaces. Glazing bead is on the interior of the panel.

Accessories and other

Screen systems are available after-market by others. Window and other custom door systems are available. Please contact us for details and to discuss your specific requirements.

Installation

Installation of product requires assembly of frame components, the setting of the door frame in the prepared opening with appropriate flashing, hanging of door panels and adjustment, per installation instructions provided. La Cantina Doors are top hung. Improper sizing of header and movement or sagging of header will affect product performance and are warranty exclusions. It is not the responsibility of the manufacturer to design or recommend a flashing system appropriate for each job condition.