

Wood System Product Specifications



The original LaCantina Door system and still one of our most popular. Our all wood system is available in your choice of vertical grain Douglas fir and mahogany, natural beauty in its purest form. Ready to seal or stain, let your all wood LaCantina Doors be the highlight of any space. Custom wood species can be sourced to match your design requirements.

With over 15 years of design and production refinement, our wood system is built to perform and open spaces with ease. Featuring our signature 3 5/8" narrow stile and rail profile, and made with a specially design engineered core, our wood folding door is the leader in its class.

Frame

Head section consists of extruded aluminum head track with wood interior and exterior. Jamb's are thermally broken extruded aluminum with interior and exterior wood trims. 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 ready for assembly and installation. Anodized aluminum sill incorporating weather stop and weep holes to drain water from guide channels. Head, jamb and sill sections incorporate a thermal break. 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

Panel thickness is 1 3/4" (44.5mm). Rail and stile width is 3 5/8" (92mm). Bottom rail height increases to 7 1/2" (190mm) when door panel height exceeds 96", or upon request. Optionally the bottom rail can be increased to 10" (254mm). Rails and stiles contain LVL core with wood veneer options. Maximum panel weight of 176 lbs (80kg). Maximum panel height of 10' (3000mm) for maximum frame height of 10'4" 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. Horizontal mullion is not required.

Interior and Exterior Finish

Wood is unfinished, clear and suitable for staining or painting. In stock wood options are vertical grain Douglas fir and mahogany. Sill and head tracks are bronze or clear anodized aluminum. Custom wood species are available upon request. Periodic maintenance will be required, similar to any wood product exposed to weather or salt air environment.

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. Glazing bead is on the interior of the panel.

Hardware

The hardware system is top hung and operates with an upper wheel carrier that rolls on the aluminum head track. A lower track in the sill guides the door panels. 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. Rebated surface mounted 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.