

ACME & DORF DOOR

Molded & Interior
Door Catalog



Simple & Cost Effective

American Wood Door offers a wide variety of molded doors designed to replicate the look and feel of a traditional wood door at an affordable price.

With layout options from modern and minimalist to classic and conventional, molded interior doors are a popular option in both residential and light commercial applications.

Doors can be bought as slab only (no frame) or fully assembled pre-hung units.

In a pre-hung unit, the door comes mounted in a frame with hinges already attached to a door jamb. American Wood Door Stocks several paint-grade and stain-grade jamb options to complement the door.

American Wood Door stocks interior doors with the option of either full and square or pre-fit and beveled edges.



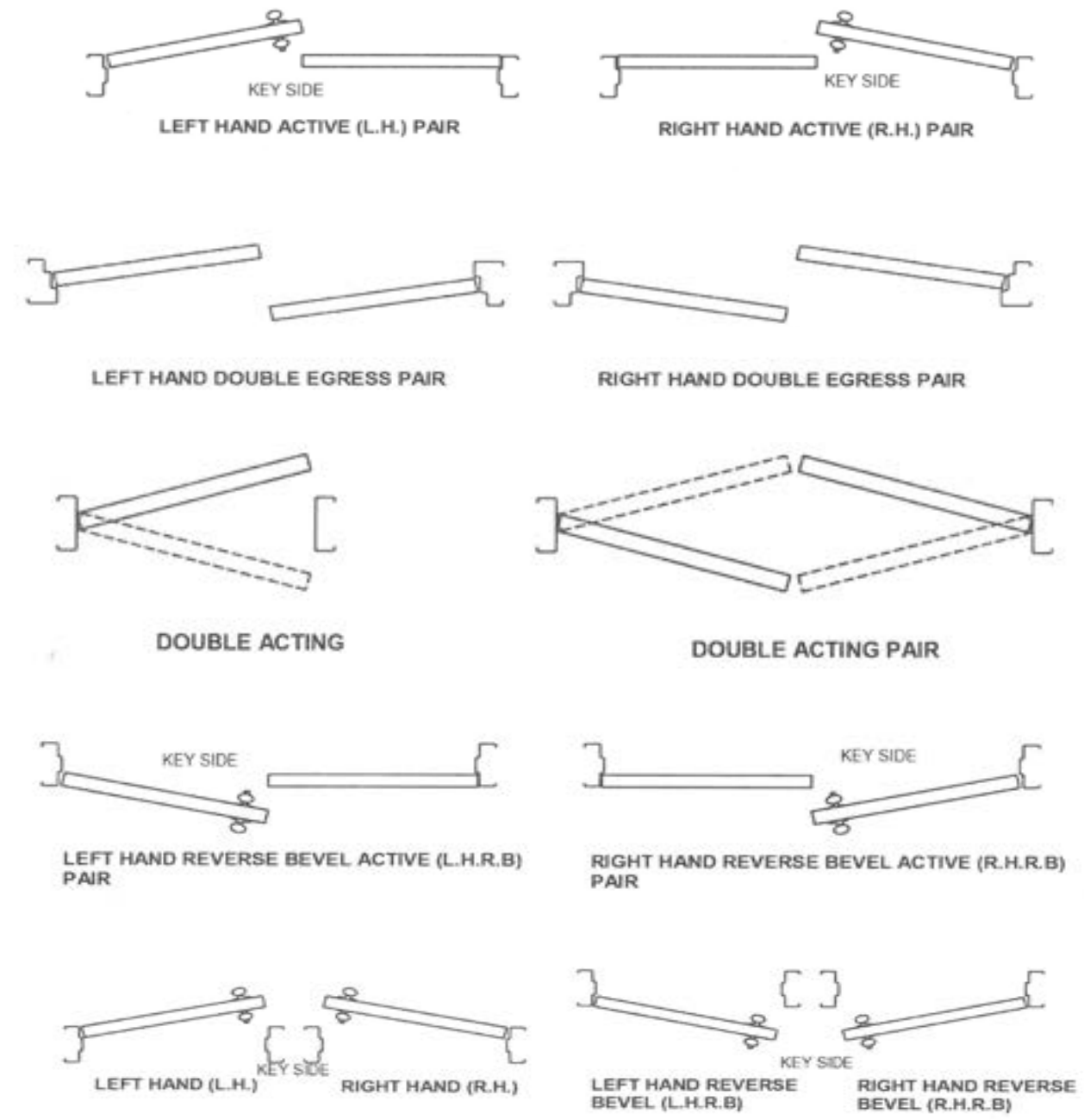
Full and Square Edges

Typically used for replacements, these doors feature a 90-degree angle on all edges, allowing the door to be field trimmed if necessary

Pre-fit and Beveled Edges

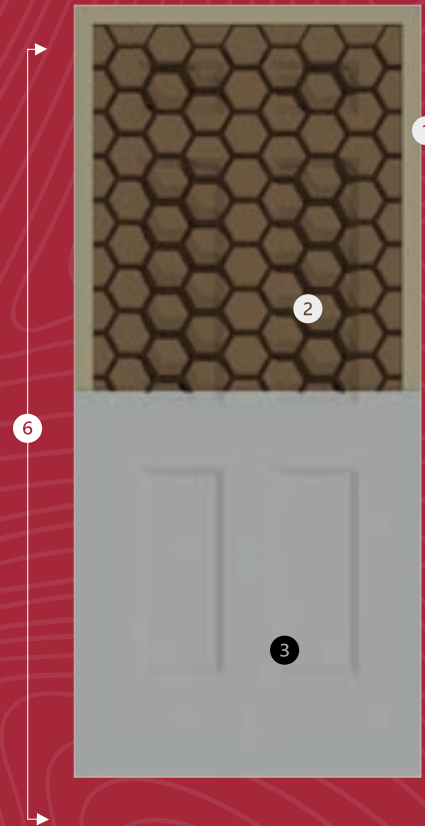
Typically used on pre-hung door units, edges are undersized by 3/16" and feature 3-degree bevel on both sides, eliminating the need to field-trim the door to fit the frame.

American Wood Door offers a wide variety of door swings, where practicality meets style effortlessly. Dive into a range crafted to enhance both the functionality and aesthetic of your space. Discover the importance of door swings in optimizing room layout and accessibility. With options for left-handed or right-handed swings, our selection ensures a tailored fit for every space. Elevate your interior design with door swings that prioritize both form and function, offering a seamless blend of convenience and elegance.



Hollow Core (HC)

1. Poplar Stile: Meets the highest grading standards for strength and appearance.
2. Blocking: Provides support for door faces
3. Face: 1/8" molded hardboard skin available in smooth or textured painting surface
4. Core: Hollow core is comprised of corrugated board and foam
5. Thickness: Available in 1-3/8" and 1-3/4"
6. Height: Available in 6/8, 7/0, & 8/0,



Poplar Rail

Rail: (6/8 Height, 1-3/8" thickness doors): 2" Poplar top and bottom rail. Cannot be field trimmed without re-blocking.

Stile: (6/8 Height, 1-3/8" thickness doors): Poplar Stile

Stile: (7/0 & 8/0 Height, 1-3/8" thickness doors): Poplar Stile



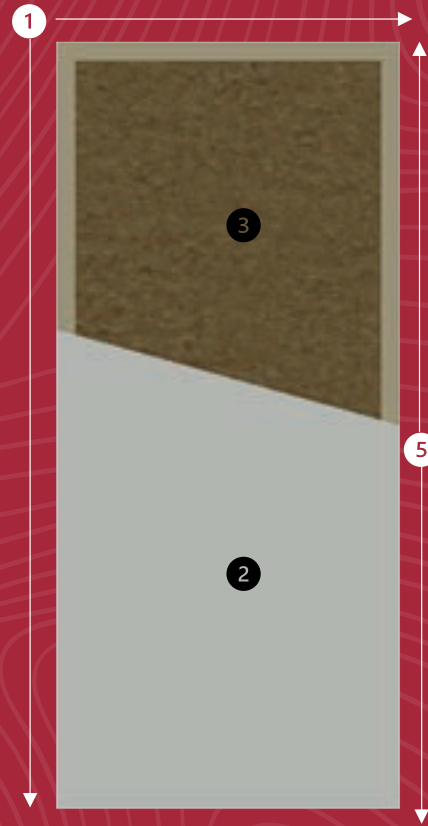
Hollow Core molded doors offer a lighter-weight, economic alternative to wood stile and rail interior doors. Available in a variety of designs with smooth or textured surfaces.

Layouts

MOLDED PANEL SERIES	PASSAGE											BIFOLD										
	12	14	15	16	18	20	24	26	28	30	32	34	36	16	18	24	28	30	32	36	48	60
	1 PANEL SMOOTH																					
	80" HEIGHT																					
	84" HEIGHT																					
96" HEIGHT																						
	2 PANEL SQUARE TOP																					
	80" HEIGHT																					
	84" HEIGHT																					
96" HEIGHT																						
	2 PANEL ARCHTOP																					
	80" HEIGHT																					
	84" HEIGHT																					
96" HEIGHT																						
	3 PANEL EQUAL																					
	80" HEIGHT																					
	84" HEIGHT																					
96" HEIGHT																						
	5 PANEL EQUAL																					
	80" HEIGHT																					
	84" HEIGHT																					
96" HEIGHT																						
	6 PANEL																					
	80" HEIGHT																					
	84" HEIGHT																					
96" HEIGHT																						

Solid Particle Core (SC)

1. Poplar Stiles and Rails: Made of Poplar wood for extra screw holding power.
2. Wooden Stiles and Rails: Made of solid wood for extra screw holding power.
3. Face: 1/8th molded hardboard skin available in smooth or textured painting surface
4. Core: Solid Particle board core routed to match molded skin design
5. Thickness: Available in 1-3/8" & 1-3/4"



Wood Rail

Field-trimming can affect fire ratings. To ensure proper ratings, doors must be factory trimmed by American Wood Door®

Rail (6/8 height, 1-3/8" thickness doors):
2" top and bottom rail.

Rail (6/8 height, 1-3/4" thickness doors):
2" top rail and 2" bottom rail, allowing the door to be field trimmed up to 2".

Rail (7/0 & 8/0 height):
All doors in 7/0 and 8/0 heights have a 2" top rail and a 2" bottom rail.



Layouts

MOLDED PANEL SERIES	PASSAGE												BIFOLD									
	12	14	15	16	18	20	24	26	28	30	32	34	36	16	18	24	28	30	32	36	48	60
1 PANEL SMOOTH																						
80" HEIGHT	● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●												● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●									
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2 PANEL SQUARE TOP																						
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5 PANEL EQUAL																						
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96" HEIGHT	● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●												● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●									
6 PANEL																						
80" HEIGHT	3 PANEL						● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●						3 PANEL									
84" HEIGHT	3 PANEL						● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●						3 PANEL									
96" HEIGHT	3 PANEL						● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●						3 PANEL									

Flush Slabs

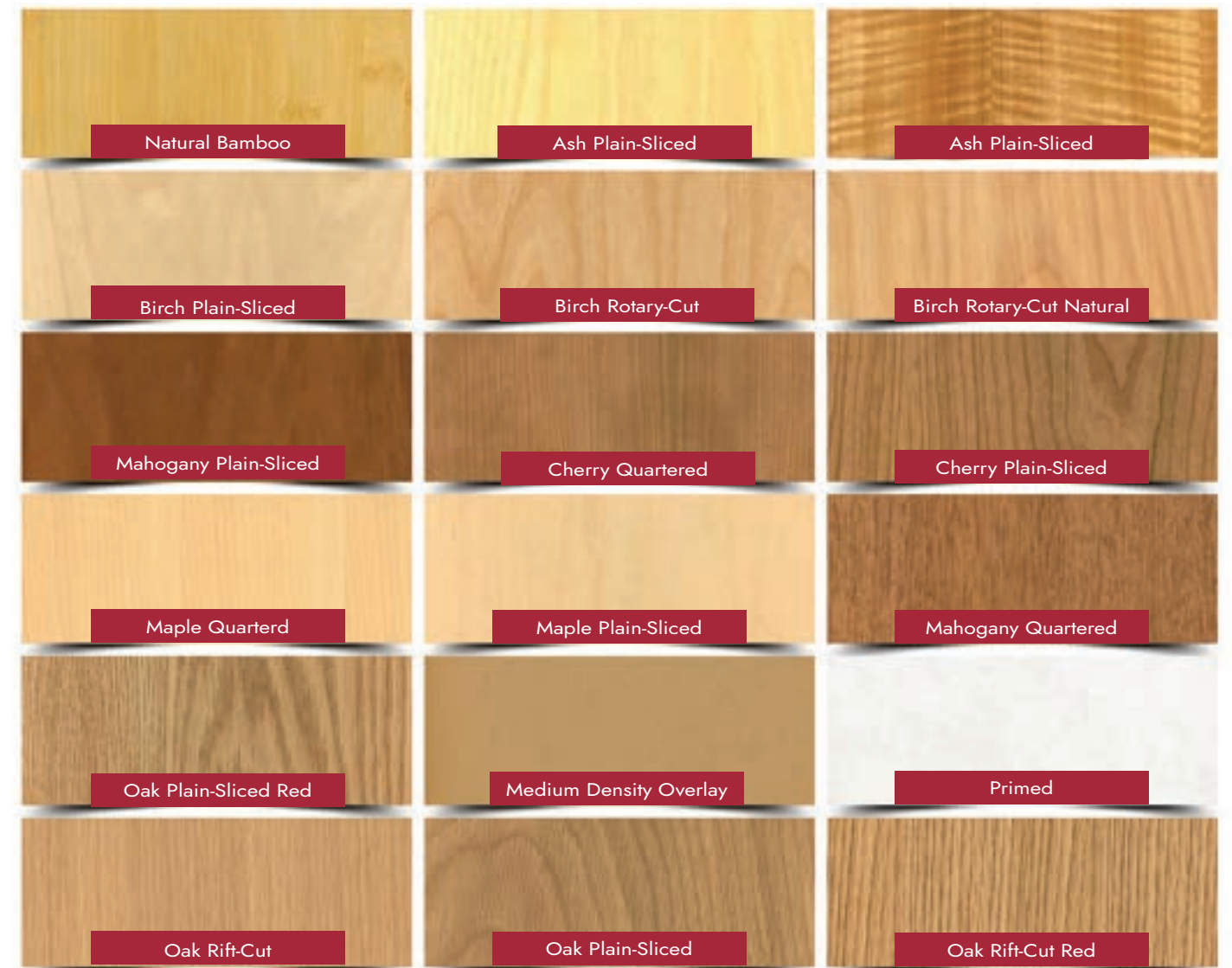


Close-up

	HEIGHT	6/8		7/0		8/0		6/8	
	THICKNESS	1-3/8"	1-3/4"	1-3/8"	1-3/4"	1-3/8"	1-3/4"	1-3/8"	
STANDARD WIDTH	Door Sizes							Bi-Fold Sizes	
	1/0	SC/HC	SC/HC	SC/HC	SC/HC			2 Door	
	1/2	SC/HC	SC/HC	SC/HC	SC/HC			2/0	HC
	1/3	SC/HC	SC/HC	SC/HC	SC/HC			2/4	HC
	1/4	SC/HC	SC/HC	SC/HC	SC/HC			2/6	HC
	1/6	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC	2/8	HC
	1/8	SC/HC	SC/HC	SC/HC	SC/HC			3/0	HC
	1/10	SC	SC	SC/HC	SC/HC			4 Door	
	2/0	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC	4/0	HC
	2/2	SC	SC	SC/HC	SC/HC			4/8	HC
	2/4	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC	5/0	HC
	2/6	SC/HC	SC/HC	SC/HC	SC/HC		SC	5/4	HC
	2/8	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC	6/0	HC
	2/10	SC	SC	SC/HC	SC/HC	SC/HC	SC/HC		
	3/0	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC	SC/HC		
	3/4	SC/HC	SC/HC	SC/HC	SC/HC				
	3/6	SC/HC	SC/HC	SC/HC	SC/HC				
	3/8	SC/HC	SC/HC	SC/HC	SC/HC				
	4/0	SC/HC	SC/HC	SC/HC	SC/HC				

Flushed Door Styles

Welcome to our collection of Flushed doors, where craftsmanship meets elegance. Each door in our catalog is meticulously crafted in America, ensuring the highest standards of quality and durability. Our diverse range of veneer styles offers a blend of timeless sophistication and modern aesthetics, providing the perfect complement to any interior design scheme. Elevate your space with our American-made flushed doors, where luxury and authenticity harmonize seamlessly.



Door Styles



Molded Doors

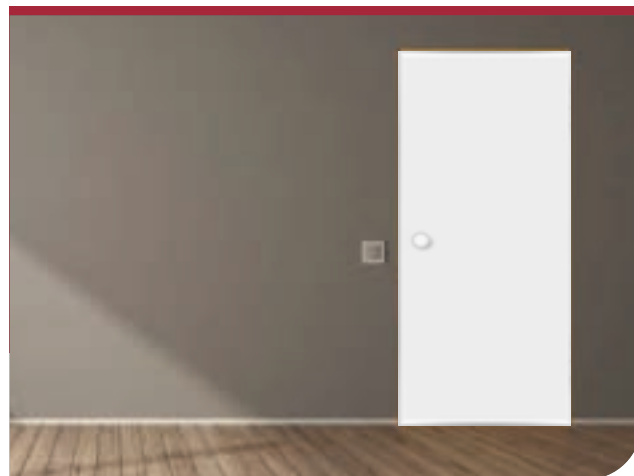
Molded doors are constructed when a series of panels or design is stamped by a mold into a hardboard fiber material to create the door face.

They are manufactured to resemble the look of an interior stile and rail wood door. Solid Particle Core molded doors are available in a variety of designs and can replicate the heavy weight and fell of a real wood door while providing the benefit of noise reduction for a peaceful environment.



Finishing

Flush Doors are available in paint-grade, stain-grade, and primed hardboard options. Primed flush doors require only a light sanding and cleaning before applying a base coat.



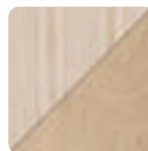
Flush Doors

Flush Doors are constructed using a mixture of wood and wood-fiber components and feature a completely flat surface for a simple and economical design option.

They are available in a variety of wood species, most of which they can be painted or stained. Some flush doors also come in a primed hardboard or wood grained pre-finished option.

Finishing

Flush Doors are available in paint-grade, stain-grade, and primed hardboard options. Primed flush doors require only a light sanding and cleaning before applying a base coat.



Stain-Grade:

Birch and Oak doors feature solid wood edges and all the pleasing color variations and grain patterns found in a natural wood product. They look great painted or stained.



Paint-Grade:

Lauan doors typically feature irregular colors and grain patterns that most homeowners will opt to paint over. Flush hardboard doors are factory primed and ready for painting

Door Applications



Bifold Doors

Bifold doors are a popular option for saving room in closet areas or other tight spaces throughout your home.

These doors provide better access to small areas and take up minimal space. All American Wood Door molded bifold doors feature solid construction.

Sliding Bypass Doors

Sliding Bypass doors are configured by hanging two or more interior doors mounted to a track.

They do not swing and are typically useful in areas with little available floor space.



Pocket Doors

Pocket doors slide similarly to bypass doors but are generally a single door mounted to an overhead track that slides into the wall, hiding the components and saving space.





Custom Sized Doors

For odd sized openings, doors can be crafted from standard flush and molded components, for example, attic access and under the stair's storage.

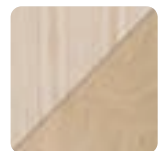
Flush doors can be reduced to any height to fit your requirements. Can also be reduced to fit custom applications.



Double Doors

Revitalize your living space with our stunning double doors, meticulously designed to make a lasting impression. Crafted with the finest materials and attention to detail, these doors epitomize elegance and durability.

Whether you seek to enhance the grandeur of your home or add a touch of sophistication to your office, our double doors offer the perfect solution. Embrace the seamless fusion of style and functionality as you step through these doors into a world of refined luxury. Elevate your interior design with the timeless appeal and superior craftsmanship of our double doors.



Stain-Grade:

Birch and Oak doors feature solid wood edges and all the pleasing color variations and grain patterns found in a natural wood product. They look great painted or stained.



Paint-Grade:

Lauan doors typically feature irregular colors and grain patterns that most homeowners will opt to paint over. Flush hardboard doors are factory primed and ready for painting.

Custom Panel Designs

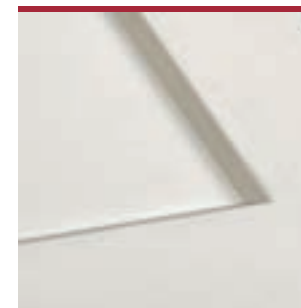
Finding the right design can be difficult, doors can be crafted from standard flush and molded components, for example, attic access and under the stair's storage.

Flush doors can be reduced to any height to fit your requirements. Can also be reduced to fit custom applications.

Panel Options



Raised Panel



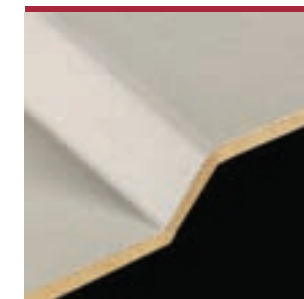
Flat Panel

Surface Options

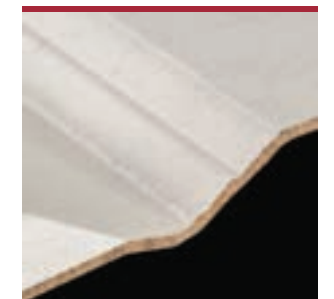


Smooth Panel

Sticking Options



Craftsman Sticking



Cove & Bead Sticking



Ovolo Sticking



Step Sticking

Hardware

Acme & Dorf can supply lock sets in either a knob or lever style with quality brands and timeless designs. Multiple finishes are available to pair with the hinges used on the door

Standard Residential Series Locks



Flair



Accent



Plymouth

Builder Series Locks



La Salle



Torino



Corona

Catches

Catches are used often in closet door application to secure the door. There are several catches that Acme & Dorf can supply from a variety of brands, Ball Catches and Roller Catches are installed recessed on top of the door. Another option is the Surface Magnetic Catch which is installed on the face of the door. A strike is installed on the head jamb, and this will secure the door without the need of a latch. Acme & Dorf can also supply Concealed Magnetic Catch which is a magnet recessed into the top of the door with another in the head jamb which conceals the latch into the door and jamb.

Precision Concealed Magnetic Catch



Roller Catch

Roller Catch Face and Strike available in:
Bright Chrome, Satin Nickel, Bright Brass, Oil Rubbed Bronze,



Ball Catch

Roller Catch Face and Strike available in:
Bright Chrome, Satin Nickel, Bright Brass, Oil Rubbed Bronze,



Ball Catch

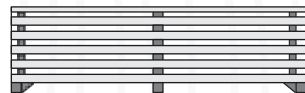
Strike Plate Available in:
Bright Chrome, Satin Nickel, Chrome, Satin Nickel, Rubbed Bronze,

Congratulations on purchasing an Acme & Dorf Wood door. Our doors are built with superior quality and craftsmanship which results in architecturally correct details and a product that will last a lifetime. Following these simple handling and finishing instructions will preserve the quality appearance of your doors and ensure that you meet the warranty requirements

Handling, Storage and Use Instructions

1. Treat the doors as you would a piece of furniture. Handling damage is not considered a factory defect.
2. All doors should be handled with clean gloves and equipment to prevent dirt and oil from penetrating the surface of the doorface. Bare hands can leave soil and oil stains.
3. When moving doors, lift and carry each door with at least two persons. Do not drag doors or slide them across one another, as this can result in drag marks and chipping damage along door edges.
4. Doors must be stored in a dry, well ventilated area in an enclosed building with an operational and balanced HVAC system. Do not deliver doors to the job site until concrete floor, foundations and plaster or dry wall work is completed and fully dry. Never store doors outside exposed to the elements.
5. Do not subject doors to extremes of heat, dryness or humidity. Relative humidity should not be less than 25% or more than 55% in door storage area, during installation or during use. Temperature should not exceed 90 degrees Fahrenheit in storage area, during installation or during use. Extremes in Relative Humidity outside of the prescribed range can cause significant damage to the doors including cracking of panels and checking of veneers. Reference AWI Architectural Woodwork Standards (1st edition 2009, Section 2) and WDMA Standards (I.S. 6A-2008, Section J-1) for established interior environmental requirements for wood doors.
6. If doors are to be stored for a long period of time (longer than one week), doors must be sealed (all six sides and hardware cutouts) with a non-water-based sealer or primer to prevent undue moisture penetration or drying of the product.
7. Doors should be stored flat on a level surface in a dry, ventilated area. Place doors on a piece of plywood or cardboard to protect face of bottom door. Two 2x4's should be placed at 12" from top and bottom of door and one 2x4 should be evenly spaced in the middle. It is very important to use a center support so that the doors do not sag in the middle. Cover doors to keep clean, but allow air circulation

DO!



DON'T!



8 DO NOT lean doors against the wall

DON'T!



9. DO NOT store doors in direct sunlight.
10. Certain species of wood are more sensitive to light and require additional protection from sunlight and UV rays. These species include walnut, mahogany and cherry.

Door Fitting and Hanging Instructions

1. All doors should be acclimated to the average prevailing relative humidity of the locality before hanging.
2. When hanging a door, allow adequate clearance for swelling of the door or frame in extremely damp, high humidity environments. The following guidelines should be used for non-fire-rated doors.
 - a. Width: Specified + or - 1/16" with possible humidity expansion of 1/16" for a total variance of 1/8".
 - b. Height: Specified + or - 1/16" with possible humidity expansion of 1/16" for a total variance of 1/8".

Fitting Non-Rated Doors

1. Trimming to meet your size requirements can change the overall appearance of the door. If you need to slightly trim your door, we recommend that you trim the bottom (do not trim the top) by no more than 1"; and each side by no more than a 1/4".

Fitting Fire-Rated Doors

1. All fire-rated doors manufactured by Acme & Dorf must be pre-fit and machined by Acme & Dorf Doors, LLC or an ITS-Warnock Hersey licensed facility
2. Acme & Dorf 45-, 60- and 90-minute fire doors cannot be trimmed by more than 1/16" in total width or 1/32" per side (ITS-Warnock Hersey licensed facilities only).
3. The standard location for ITS-Warnock Hersey fire labels is on the hinge stile between the top and center hinge. For doors with continuous hinges the label is located on the top rail of the door. These labels should not be removed, covered up or painted.
4. Trimming for height may be done on the bottom rail only - per NFPA 80, maximum trim of 3/4" allowed.
5. A maximum 8" clearance between the frame and door is allowed.
6. A maximum 1/8" clearance between leaves of pairs is allowed.

Hinges

1. Heavy duty ball bearing hinges are highly recommended.
2. Use three hinges on doors up to 7' and one additional hinge for each additional 30" in height.
3. Pre-drilling: Screw holes must be pre-drilled to prevent stripping.

Job Site Installation Instructions

1. Only install Acme & Dorf doors in a closed in building with operational HVAC once all wet work trades are complete. Relative humidity inside the building should not be less than 25% or exceed 55% and temperature should not exceed 90 degrees Fahrenheit.
2. Allow doors to acclimate to the temperature and humidity of the installation location before installation (minimum of 72 hours or longer when heat and/or humidity extremes exist compared to storage location).
3. If doors are to be stored at the job site for a long period of time prior to finishing (longer than one week), doors must be sealed (all six sides and hardware cutouts) with a non-water-based sealer or primer to prevent undue moisture penetration or drying of the product.
4. If hardware installation requires drilling into a top or bottom edge of a door, installer must pre-drill for screws to ensure effective screw holding and eliminate any chance of material splitting.

Acceptable Tolerances for Acme & Dorf Wood Doors:

- a. Warp or Bow: Doors 3' wide by 7' tall or smaller: " or less measured diagonally from the top rail to the bottom rail across the span of the door
 - b. Doors larger than 3' wide by 7' tall: %" or less measured diagonally from the top rail to the bottom rail across the span of the door
2. Stile and Rail joint: A gap of or less.

Field Finishing Instructions:

Acclimation and Storage Prior to Finishing:

1. Allow doors to become acclimated to finished building heat and humidity before finishing (minimum of 72 hours when heat and/or humidity extremes exist compared to previous storage location).
2. If doors are to be stored at the job site for a long period of time prior to finishing (longer than one week), doors must be sealed (all six sides and hardware cutouts) with a non-water-based sealer or primer to prevent undue moisture penetration or drying of the product.

Finishing Instructions:

All Acme & Dorf wood doors require sanding prior to finishing. The amount of sanding and preparation will depend on the customer's selected finish and the method of finishing (spraying or wiping). Finishing will accentuate any natural characteristics apparent prior to finishing.

1. Before finishing, remove handling marks, cross grain scratches or effects of exposure to elements and moisture with a thorough and complete sanding of all surfaces of the door using the appropriate grit sandpaper to give the owner the desired/specified finish. Sand the door following the direction of the grain. Remove sanding dust with dry tack cloth in between finish coats.
2. Where possible, surface should be tested for desired finish to ensure there are no unfavorable reactions as occur with some species of wood. Do not use steel wool on oak veneers.
3. Prior to staining, a first coat of thinned clear sanding sealer must be applied to the door, followed by a light block sanding. This step will promote uniformity of stained finishes and minimize subsequent handling marks.
4. Apply one or more coats of stain and sealer as required, sanding in between coats. Stain should be applied with the door in a horizontal position to eliminate the solvents evaporating too quickly and leaving an inconsistent finish.
5. Apply two coats of top coat for best results, sanding in between.
6. Do not finish doors that have obvious defects. Acme & Dorf will not be responsible for warranty of doors that had obvious defects prior to field finishing.