

# CHOOSE YOUR DOOR: ESTANCIA KNOTTY ALDER



## Estancia® Knotty Alder Series

The knotty alder Estancia® Series offers a beautiful rustic look and a wide array of finish options. We use real Knotty Alder hardwood from the American pacific northwest (and not a tropical imitation wood). This is a light colored hardwood with mineral streaks and surface knots, and it features a rustic finish when stained and sealed. These doors are offered in 1-3/4" thickness, 2 heights, and 2 widths. See pages 10-13 for knotty alder factory finish options. For more information on the construction specifications of our Estancia Knotty Alder doors, please refer to our product information guides found at [www.glasscraft.com](http://www.glasscraft.com).

**Please note:** Knotty alder, like all hardwood species, varies in color, graining, and appearance. This variance is one of the natural features of a true wood door and adds to its beauty and authentic appearance.

## Estancia Advantages

- Heavy raised molding on door exterior on many profiles
- Stave core construction "SCS" of stiles and rails virtually eliminates warping
- Thick laminate layer on both door faces accentuates the rustic beauty of the knots
- Wide stiles add strength for added security
- Authentic cope-and-stick plus dowel construction
- 3-layer raised panel construction
- Environmentally-friendly finish
- Real American Knotty Alder wood

# CHOOSE YOUR DOOR: PORTOBELLO MAHOGANY



## Portobello® MahoganySeries

The mahogany Portobello® Series offers our widest selection of hardwood doors, sidelites and transoms, our best wood-door warranty, and they feature our unique LamiCore™ technology. Mahogany is a red-brown hardwood that will vary from rich golden to deep red-brown colors and has a beautiful finish when stained and sealed. These doors are offered in 1-3/4" and 2-1/4" thicknesses, depending upon the door profile and height. See pages 11-14 for mahogany factory finish options. For more information on the construction specifications on our Portobello Mahogany doors, please refer to our product information guides found at [www.glasscraft.com](http://www.glasscraft.com).

**Please note:** Mahogany, like all hardwood species, varies in color, graining, and appearance. This variance is one of the natural features of a true wood door and adds authentic beauty and warmth.

## Portobello Advantages

- Heavy raised molding on door exterior on many profiles
- Laminated Veneer Lumber Core "LVLC" construction of panels, stiles and rails virtually eliminates warping
- 2 laminate layers on both door faces
- Wide stiles add strength and security
- Authentic cope-and-stick plus dowel construction of specific profiles
- LVL LamiCore panel construction eliminates panel cracks
- Largest number of profile and size options

# CHOOSE YOUR DOOR: DOORCRAFT MAHOGANY



## DoorCraft™ MahoganySeries

The mahogany DoorCraft® Series provides a broad and economical selection of doors including wrought iron, decorative glass, GBG, and solid panel options, plus many TDL or true-divided-lite doors in a wide array of finish options. Mahogany is a red-brown hardwood that will vary from rich golden to deep red-brown colors and has a beautiful finish when stained and sealed. These doors are offered in 1-3/4" thickness, 2 heights, and 2 widths. See pages 11-13 for mahogany factory finish options. For more information on the construction specifications of our DoorCraft doors, please refer to our product information guides found at [www.glasscraft.com](http://www.glasscraft.com).

**Please note:** Mahogany, like all hardwood species, varies in color, graining, and appearance. This variance is one of the natural features of a true wood door and adds authentic beauty and warmth.

## DoorCraft Advantages

- Raised molding on door exterior for decorative glass and wrought iron doors and 6 panel doors
- Stave lumber core construction of stiles and rails virtually eliminates warping
- Double-thick veneer layer on both sides of the door
- Authentic cope-and-stick plus dowel construction
- 3-layer thick raised panel construction
- Real TDL divided lite options with glass texture options
- Environmentally-friendly finish

# CHOOSE YOUR FINISH AND COLOR

## DURALAST™ Wood Finishing Advantage

GlassCraft has developed an innovative and environmentally sound factory finish option for your door and complete entryway. DuraLast, our exclusive 10-step finishing system applies beautifully colored wood stains while adding multiple protective layers of crystal clear urethane finish coats to your wood door. Each coat is impregnated with ultraviolet UV-inhibitors and additional moisture blocking technology to keep your door looking beautiful. This system produces a finish to complement the inherent beauty of the mahogany and knotty alder wood species.

The DuraLast process involves the deep penetration of tinted solution into the deep layers of each wood cell to prevent water or moisture absorption. The wood door is also processed through a laser-controlled convection-oven cure not just once, but three times to ensure the perfect wood surface curing.

GlassCraft Door Company's finish department is certified by the TCEQ (Texas Commission on Environmental Quality). The TCEQ's mission is to protect human and natural resources consistent with sustainable economic development, with a goal of clean air, clean water, and the safe management of waste. GlassCraft's manufacturing finish facility is inspected and certified by the TCEQ (registration number CN603390188). This is one more way GlassCraft is helping to provide you with information needed to make an environmentally informed purchase.



### Traditional Finish

Our traditional finish has been designed to maximize the beautiful rich mahogany and knotty alder wood with a long-lasting 10-step finish process. See page 11 for all Traditional stain colors.

### Antique Finish

Our antique finish options feature the deep rich patina that enhance the warmth and antique character of wood, without the additional distressed markings and patterns. See page 12 to see all Antique finish options in mahogany and knotty alder.

### Distressed Finish

Our distressed finish provides that special antique patina with distinctive distressed markings and patterns that enhance the aged beauty of wood. This finish is made with a 12-step process that adds a texturized surface such as faux indentations, pits, cracks, scores, and wormholes. See page 13 for all Distressed finish options.

**Important note:** The images of all finish options shown on pages 11-13 and throughout this catalog offer only an indication of the final appearance and due to the natural variations in the texture, grain, and color of wood, the actual appearance will vary. All finishes will require periodic maintenance.

# TRADITIONAL FINISH OPTIONS

## Mahogany



Charcoal



Canyon Brown



Cinnamon Red



Sierra Brown



Winter White



Natural

## Knotty Alder



Charcoal



Canyon Brown



Cinnamon Red



Sierra Brown



Winter White



Natural

**Important note:** The images of all finish options shown on pages 11-13 and throughout this catalog offer only an indication of the final appearance and due to the natural variations in the texture, grain, and color of wood, the actual appearance will vary. All finishes will require periodic maintenance.

# ANTIQUED FINISH OPTIONS

## Mahogany



## Knotty Alder



**Important note:** The images of all finish options shown on pages 11-13 and throughout this catalog offer only an indication of the final appearance and due to the natural variations in the texture, grain, and color of wood, the actual appearance will vary. All finishes will require periodic maintenance.

# DISTRESSED FINISH OPTIONS

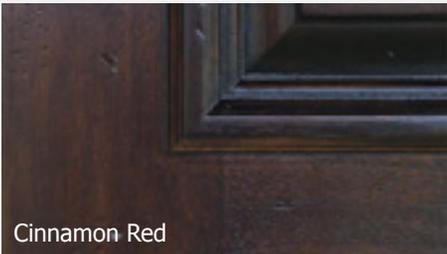
## Mahogany



Charcoal



Canyon Brown



Cinnamon Red



Sierra Brown



Winter White



Natural

## Knotty Alder



Charcoal



Canyon Brown



Cinnamon Red



Sierra Brown



Winter White

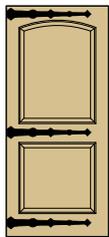


Natural

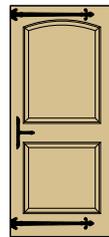
**Important note:** The images of all finish options shown on pages 11-13 and throughout this catalog offer only an indication of the final appearance and due to the natural variations in the texture, grain, and color of wood, the actual appearance will vary. All finishes will require periodic maintenance.

# CHOOSE YOUR HARDWARE OPTIONS: DOOR STRAPS

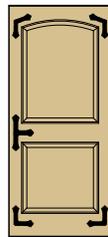
## Hand Forged Iron Decorative Door Straps



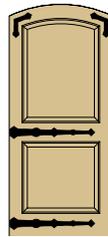
**3 Door Straps**  
Fits 2-panel and plank doors.



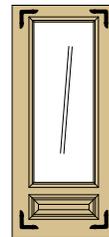
**2 Door Straps + 1 T Strap**  
Fits 2-panel or plank doors.  
(Latch mounts opposite T-Strap)



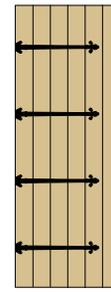
**2 L Straps + 2 Arch Straps**  
Fits 2-panel doors.  
(Latch mounts opposite T-Strap)



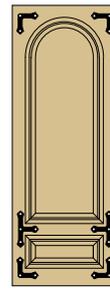
**2 Door Straps + 2 Arched Corner Straps**  
For 2-panel arch top or plank arch top doors.



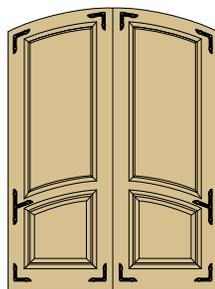
**4 Corner L Straps**  
For use on all square top doors.



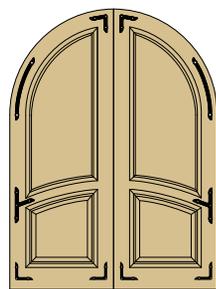
**4 Door Straps**  
For plank doors only.



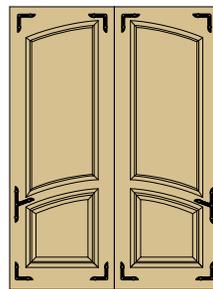
**4 Corner L Straps + 2 T Straps**  
For radius panel doors solid, or w/glass or iron.



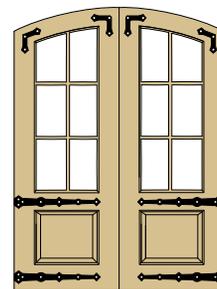
**4 Corner L Straps + 2 Arched T Straps + 2 Arched Corner Straps + 2 Angled Corner Straps**  
For arch rail 2 panel, or arched rail with glass/iron double door set.  
(Latch/dummy mounts opposite T-Strap)  
Florentine only.



**4 Corner L Straps + 2 Arched T Straps + 2 Curved Straps + 2 Angled Corner L Straps**  
For arch rail 2 panel round top door pair, or arched rail with glass/iron round top double door set. (Latch/dummy mounts opposite T-Strap).  
Florentine only.



**8 Corner L Straps + 2 Arched T Straps**  
For arch rail 2 panel, or arched rail with glass/iron double door set. Speakeasy will fit with these straps. Florentine only.



**2 L Straps + 2 Arched Corner Straps + 4 Door Straps**  
For use with straight muntin bar TDL 3 lite / 6 Lite double door set.

# DOOR STRAP OPTIONS

## Wrought Iron Strap Series

### STRAPS FOR 2 PANEL AND PLANK DOORS

 **HS3** Antique Black  
**HS3B** Antique Bronze  
**HS3PB** Antique Pewter

28" Williamsburg Hinge Strap

 **HS4** Antique Black  
**HS4B** Antique Bronze  
**HS4PB** Antique Pewter

28" Canterbury Hinge Strap

 **HS1** Antique Black  
**HS1B** Antique Bronze  
**HS1PB** Antique Pewter

28" Madrid Hinge Strap

 **HS2** Antique Black  
**HS2B** Antique Bronze  
**HS2PB** Antique Pewter

28" Florentine Hinge Strap

					
A	B	C	D	E	F
A 6" L Strap	<b>CS1</b> Antique Black	<b>CS1B</b> Antique Bronze	<b>CS1PB</b> Antique Pewter		
B 6" L Strap	<b>CS4</b> Antique Black	<b>CS4B</b> Antique Bronze	<b>CS4PB</b> Antique Pewter		
C 6" Arched L Strap	<b>CS2</b> Antique Black	<b>CS2B</b> Antique Bronze	<b>CS2PB</b> Antique Pewter		
D 6" Arched L Strap	<b>CS5</b> Antique Black	<b>CS5B</b> Antique Bronze	<b>CS5PB</b> Antique Pewter		
E 12" T Strap	<b>CS6</b> Antique Black	<b>CS6B</b> Antique Bronze	<b>CS6PB</b> Antique Pewter		
F 12" T Strap	<b>CS3</b> Antique Black	<b>CS3B</b> Antique Bronze	<b>CS3PB</b> Antique Pewter		

Note: L straps are recommended for use on the top or bottom rail; the Arched L straps are for use on the top rail; and the T straps for use on the door's mid rail.

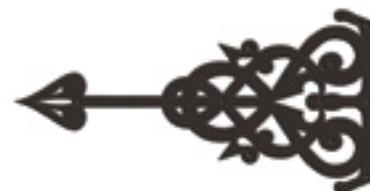
			
G	H	I	J
G 6" Angled L Strap	<b>CS7</b> Antique Black	<b>CS7B</b> Antique Bronze	<b>CS7PB</b> Antique Pewter
H 12" Arched T Strap	<b>CS9</b> Antique Black	<b>CS9B</b> Antique Bronze	<b>CS9PB</b> Antique Pewter
I 12" Arched T Strap	<b>CS9R</b> Antique Black	<b>CS9RB</b> Antique Bronze	<b>CS9RPB</b> Antique Pewter
J 22" Curved Strap	<b>CS8</b> Antique Black	<b>CS8B</b> Antique Bronze	<b>CS8PB</b> Antique Pewter

### STRAPS FOR PLANK DOORS



York Hinge Strap - 28" wide x 12" tall

**HS22** Antique Black  
**HS22B** Antique Bronze  
**HS22PB** Antique Pewter



Coventry Hinge Strap - 28" wide x 14" tall

**HS23** Antique Black  
**HS23B** Antique Bronze  
**HS23PB** Antique Pewter



Litchfield Hinge Strap - 28" wide x 14" tall

**HS20** Antique Black  
**HS20B** Antique Bronze  
**HS20PB** Antique Pewter



Salisbury Hinge Strap - 30" wide x 22" tall

**HS21** Antique Black  
**HS21B** Antique Bronze  
**HS21PB** Antique Pewter

# CHOOSE YOUR HARDWARE OPTIONS: CLAVOS

## HAND-CAST DECORATIVE CLAVOS



Use these decorative "clavos" or door nails for installation onto the face of the door to give it a rustic or antique look. Clavos can be mounted on the interior or exterior or both sides of a door, and they may be used with or without the door straps shown on page 14-15. These clavos are handmade and therefore vary slightly. All clavos are available in three color options. Shown below are clavos in Antique Black finish. Clavos will be packaged separately and not installed on all unfinished GlassCraft door products so the door may be properly finished before the clavos are installed. Clavos are installed on prefinished doors.

 <p><b>1 1/2" Square</b> CLSD15BL Antique Black CLSD15B Antique Bronze CLSD15PB Antique Pewter</p>	 <p><b>1 1/8" Square</b> CLS1BL Antique Black CLS1B Antique Bronze CLS1PB Antique Pewter</p>	 <p><b>1 1/2" Round</b> CLR15BL Antique Black CLR15B Antique Bronze CLR15PB Antique Pewter</p>	 <p><b>1 1/8" Round</b> CLR1BL Antique Black CLR1B Antique Bronze CLR1PB Antique Pewter</p>	 <p><b>1 1/2" Round</b> CLRD15BL Antique Black CLRD15B Antique Bronze CLRD15PB Antique Pewter</p>
 <p><b>1 1/2" Square</b> CLSD15BL Antique Black CLSD15B Antique Bronze CLSD15PB Antique Pewter</p>	 <p><b>1 1/2" Square</b> CLSB15BL Antique Black CLSB15B Antique Bronze CLSB15PB Antique Pewter</p>	 <p><b>1 1/2" Flower</b> CLF15BL Antique Black CLF15B Antique Bronze CLF15PB Antique Pewter</p>	 <p><b>2" Star</b> CLST2BL Antique Black CLST2B Antique Bronze CLST2PB Antique Pewter</p>	 <p><b>1 3/4" Triangle</b> CLT175BL Antique Black CLT175B Antique Bronze CLT175PB Antique Pewte</p>

### CLAVOS FINISH OPTIONS:



# PRE-HUNG OPTION & ADVANTAGES

## PRE-HUNG ENTRYWAYS WITH CONTINUOUS SILL



### PRE-HUNG OPTION

GlassCraft doors in this catalog can be ordered as pre-hung door units. Pictures and part numbers for pre-hung doors are shown under each door selection throughout this catalog.

All entryway configurations available for hardwood doors include "continuous" one-piece sills. This means that the bottom sill or threshold is made from one continuous piece of threshold material which adds strength and prevents leaking under the entryway. This assembly design is especially important with configurations that include 1 or 2 sidelights. Other manufacturers may produce this entry configuration using a "boxed" construction method with separate sills for each sidelight.

GlassCraft uses a 1-piece sill construction method for reinforced strength and enhanced appearance.

## PRE-HUNG COMPONENTS

Standard Pre-hung entryways include the following:

- 4-9/16" Jamb Legs
- Header
- Standard Sill
- Boots
- Hinges
- Weatherstrip
- T-Astragal (where applicable)
- Flush Bolt (where applicable)
- Mull Posts (where applicable)

Optional Pre-hung components at extra charge:

- 6-9/16" Jamb
- Brick Mold
- Sub-Casing
- Interior Casing
- Endura Sill
- Door Sweep
- Door Bore
- Strikejamb Reinforcement

# DOOR FRAME AND HINGE OPTIONS

## Hardwood Door Frames with STRIKEJAMB™

All mahogany and knotty alder pre-hung doors are available with a steel-reinforcement StrikeJamb™ as an option.

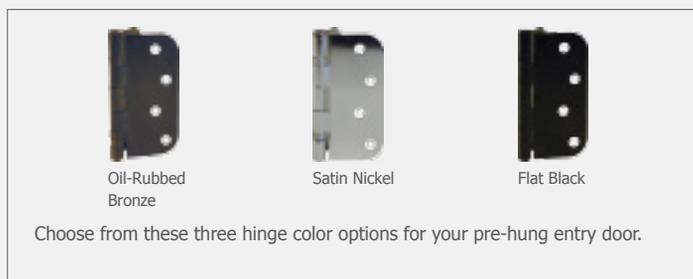
Pre-hung units include jamb legs, T-astagal (for double doors), standard sill, header, weatherstripping, and adjustable threshold, plus 3 ball-bearing hinges on 6'-8" tall doors and 4 ball-bearing hinges on 8'-0" tall doors.

The StrikeJamb™ reinforcement can be installed on the lock side jamb leg for safety and security. This plate reinforces the jamb leg, and allows the dead bolt and the handleset bolt to throw so that the bolts extend through the corresponding holes in the steel reinforcement plates. In addition, long mounting screws should be used with this StrikeJamb, these screws extending through the jamb leg, then through the steel plate, and finally into the wall studs.

Image at right shows the reinforcing plate from the back jamb leg side.



## Hinge Color Options



All prehung units use 3 ball-bearing hinges on 6'-8" tall doors and 4 hinges on 8'-0" tall doors. 1-3/4" thick doors use 4 inch hinges, while 2-1/4" thick doors use 5" hinges. Choose from these four hinge color options shown at left for your pre-hung entry door unit: Oil Rubbed Bronze, Satin Nickel or Flat Black.

## Construction Door Options

All standard pre-hung entryways in all configurations are available with a temporary "construction door" as an option. Using this temporary door, the permanent door will not be damaged during house construction. Construction doors are available for double-door and arch top and round top double doors also. Both hollow core and solid core construction doors are available.

Construction Door Part Numbers:

TEMPDOOR1 - Hollow Core 3'0" x 6'8" x 1-3/4"  
TEMPDOOR5 - Hollow Core 2'8" x 6'8" x 1-3/4"  
TEMPDOOR10 - Solid Core 3'0" x 6'8" x 1-3/4"

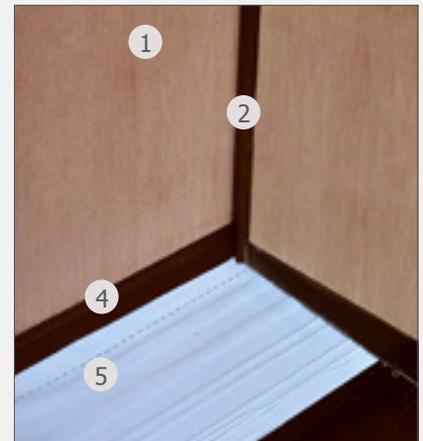
TEMPDOOR2 - Hollow Core 3'0" x 8'0" x 1-3/4"  
TEMPDOOR4 - Hollow Core 2'8" x 8'0" x 1-3/4"  
TEMPDOOR7 - Hollow Core 3'6" x 8'0" x 1-3/4"  
TEMPDOOR9 - Solid Core 3'0" x 8'0" x 1-3/4"

# JAMB LEG & SILL OPTIONS

## Jamb Leg and Mull Post Boots Included

GlassCraft entryways utilize our unique protective jamb leg boots, which are hard rigid plastic parts machined to perfectly match the profile on the bottom edge of a jamb leg. We also use mull post boots at the bottom of all mull posts which are positioned between doors and sidelights. This method of assembly inhibits the hardwood jamb legs and mull posts from rotting over time due to the absorption of water up from the bottom edge of the entryway.

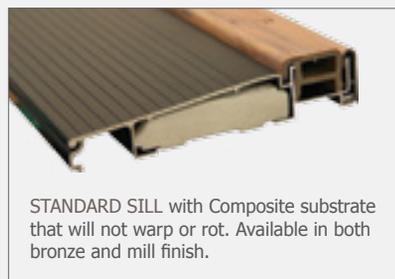
- |   |                   |   |                              |
|---|-------------------|---|------------------------------|
| 1 | Door              | 4 | Door Sweep                   |
| 2 | Door Weatherstrip | 5 | Door Sill                    |
| 3 | Hardwood Jamb Leg | 6 | Hard Plastic Jamb Leg Bottom |



Images show the bottom corner of door (1), sill (5) and jamb leg (3) (6).

## Sill and Sill Color Options

All standard pre-hung exterior door units use adjustable composite sills that help prevent water penetration, rotting, warping, and discoloration. Our standard adjustable composite sill includes a peel-off protection film which protects the sill during the house construction, and is made from 100% composite and aluminum materials. The "adjustable" feature allows the top of the sill to be adjusted with a screwdriver to match the correct height required for the bottom of the door. Optionally, you may select the Endura® Brand adjustable composite threshold or an ADA threshold. The ADA threshold is approved for use with wheelchairs. ADA sills are 5" x 1/2" or 7" x 1/2". The Endura Z-Series Sill System (for an extra charge) provides a walnut colored sill cap, the adjustable feature, and a hard plastic protective construction cover.



# WOODCRAFT PERFORMANCE & WARRANTY

## Windstorm Approvals for Pre-hung Doors

Most of GlassCraft's premium mahogany and knotty alder entryways have been evaluated for compliance and are approved for installation in designated catastrophe areas along coastal zones when installed as required and as specified. Both 6'8" tall and 8'0" tall entryways have been assigned Design Pressure "DP" ratings for a variety of entryway configurations, including single doors, double doors, single doors with 1 or 2 sidelites, and entryways with all transom configurations. Both Speakeasy doors and doors with glass have been approved with in-swing and out-swing configurations. These wood doors are not approved for hurricane impact, however many of our FiberCraft Premium Series doors ARE approved for impact.

You should inquire with your local building authorities to ascertain the required DP rating for your area. Then visit [www.glasscraft.com/testing.asp](http://www.glasscraft.com/testing.asp) to determine which doors are available for you.



## Available Windstorm Rated Wood Doors

These WoodCraft pre-hung entry doors are available with windstorm rated option:

- 2 Panel Solid doors - Single: 6'8" and 8'0" Solid Panel doors with Speakeasy (excludes DoorCraft and all plank doors)
- Wrought Iron - Single: 6'8" 3/4 Lite, Arch Lite, full Lite; Single 8'0" 3/4 Lite, Arch Lite, and 2/3 Lite  
Double: Arch Top, Round Top and Square Top Arch Lite
- TDL - Single: 6'8" 6 Lite, 4 Lite; 8'0" 6 Lite and 8 Lite  
Double: Arch Top and Arch Top Rail 6 Lite

**Note:** DoorCraft Solid Panel and Wrought Iron entry door units are not available with windstorm-rated options. To order windstorm rated doors, choose the windstorm option on GlassCraft's order form.

## Warranty for WoodCraft entry doors

The exposure to environmental conditions is a dominant factor in a wood door's lifespan. Not all applications are appropriate for wood doors; wood doors require protection from environmental conditions and must be installed in a protected opening with adequate roof overhang. The minimum roof overhang needed is one in which the roof overhang projects out a distance from the structure no less than one-half of the elevation difference between the bottom edge of the door and the base of the overhang's highest point above the entryway. For complete installation, finishing and maintenance requirements for your wood door please read GlassCraft's Guidelines for Your Hardwood Door.

Visit our web site at [www.glasscraft.com](http://www.glasscraft.com) to download a copy of our wood door Warranty and Guidelines.

# MULTI-POINT LOCK SETS AND BENEFITS

## Multi-point Lock Sets Add Security

Increase security and peace of mind with GlassCraft's multi-point lock option with deadlocking tongues built to work with traditional grip hardware. Choose from any of the multi-point handle set trim options shown on the next 2 pages. This multi-point system is activated with the turning of the dead-bolt lock. All 3 locking points are engaged only when the dead bolt point is locked by turning the thumb latch.

Our multi-point lock set includes an anti-saw and kick-proof center dead-bolt for maximum security and a 90-degree consumer friendly locking operation, so you visually know the door is locked when the dead-bolt knob is in the horizontal position. In addition, these multi-point assemblies are produced using heavy-gauge steel with a zinc dichromate finish per ATSM-8633 testing standard. Stainless steel models are available for both 6-8 and 8-0 sizes for coastal installation.

Multi-point lock systems use our standard GlassCraft flush bolts installed on the passive door of a pre-hung double door, which gives the homeowner the option to include dummy handle sets on the passive door with all multi-point lock sets.

Precision-engineered components reduce the need for service calls, providing years of trouble-free service. These multi-point assemblies have been cycle-tested to exceed 300,000 locking cycles. Adjustable strike plates allow for field adjustment during and after installation. The design of these multi-point systems allows for right hand or left hand installation with the same part.

GlassCraft provides installation of the 3-point lock mechanism into the door, and installation charges are included in the cost of these lock sets. Installation involves precision machining of the edge of the door slab, which is performed with CNC machines to ensure precision.

When ordering for double doors, only 1 multi-point lock set is required. You may choose to include a "dummy" handle set on the inactive door for appearance purposes.

Available options are:

- Standard multi-point assembly for 6-8 door
- Standard multi-point assembly for 8-0 door
- Stainless steel multi-point assembly for 6-8 door
- Stainless steel multi-point assembly for 8-0 door
- Standard 1-point assembly for 6-8 or 8-0 door



Door shown above is a 6-8 Arch Lite New Orleans decorative glass and multi-point lock set.



Adjustable Strike Plates are included with each handle set. Choice of Antique Nickel, Satin Nickel or Oil Rubbed Bronze.



Close up image of multi-point center dead bolt.

# SINGLE-POINT OR MULTI-POINT HANDLE SETS

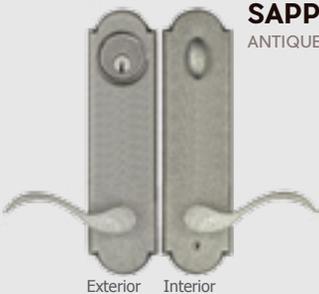
## Drop-Forged Solid Brass Handle Set & Lock Options

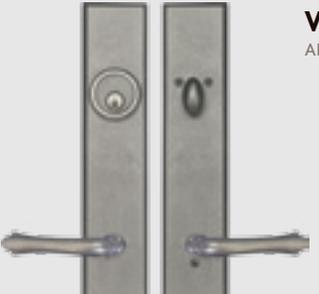
These lock sets are produced by the traditional drop-forged process utilizing solid brass, and featuring heavy gauge construction, a precision engineered mechanism, and superior corrosion protection. A drop-forged part ensures strength and durability. All use a standard 5 pin SC1 Keyway. Wide bow keys provided.

All of the lock sets shown on these two pages are compatible with our multi-point lock systems shown on page 21. In addition, the **Windsor**, **Savoy**, and **San Jose** are also available as "one-point" traditional lock sets for both 6'8" and 8'0" tall doors. And all lock sets are available as "dummy" lock sets, which are used for double-door installations. These dummy lock sets do not have any internal mechanisms and are mounted on the "inactive" door, with one-point or multi-point lock sets used on the "active" door.

The **Sapphire** and **Verano Satin Nickel** multi-point and dummy lock sets are also available with a special "PVD" coating on the handle set and stainless steel for the multi-point mechanism for use in coastal installation applications. These are noted as Coastal in the item descriptions. This PVD Physical Vapor Deposition coating is harder, more resistant to corrosion and abrasion, and provides a longer-lasting coating when used in coastal areas.

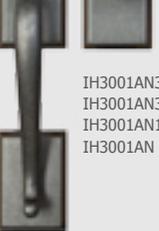
All lock sets shown may be used for right-hand or left-hand door swings and all hardware necessary is included. Installation into the door slab is included in the pricing of all of these one-point and multi-point lock sets.

 <p>Exterior Interior</p>	<p><b>SAPPHIRE</b> SATIN NICKEL</p>	 <p>Exterior Interior</p>	<p><b>SAPPHIRE</b> ANTIQUÉ NICKEL</p>	 <p>Exterior Interior</p>	<p><b>SAPPHIRE</b> OIL RUBBED BRONZE or BLACK</p>
<p>IH400SN3PT Multi-point for 6-8 IH401SN3PTIMP Multi-point for 6-8 Coastal IH400SN3PT80 Multi-point for 8-0 IH401SN3PTIMP80 Multi-point for 8-0 Coastal IH400SN Dummy IH401SNIMP Dummy for Coastal</p>		<p>IH400AN3PT Multi-point for 6-8 IH400AN3PT80 Multi-point for 8-0 IH400AN Dummy</p>		<p>IH400ORB3PT Multi-point for 6-8 IH400ORB3PT80 Multi-point for 8-0 IH400ORB Dummy</p>	

 <p>Exterior Interior</p>	<p><b>VERANO</b> SATIN NICKEL</p>	 <p>Exterior Interior</p>	<p><b>VERANO</b> ANTIQUÉ NICKEL</p>	 <p>Exterior Interior</p>	<p><b>VERANO</b> OIL RUBBED BRONZE or BLACK</p>
<p>IH432SN3PT Multi-point for 6-8 IH432SN3PT80 Multi-point for 8-0 IH432SN Dummy</p>		<p>IH432AN3PT Multi-point for 6-8 IH432AN3PT80 Multi-point for 8-0 IH432AN Dummy</p>		<p>IH432ORB3PT Multi-point for 6-8 IH432ORB3PT80 Multi-point for 8-0 IH432ORB Dummy</p>	

# SINGLE-POINT OR MULTI-POINT HANDLE SETS

	<p><b>WINDSOR</b> SATIN NICKEL</p>		<p><b>WINDSOR</b> ANTIQUE NICKEL</p>		<p><b>WINDSOR</b> OIL RUBBED BRONZE or BLACK</p>
<p>Exterior Interior</p>		<p>Exterior Interior</p>		<p>Exterior Interior</p>	
	<p>IH1001BN3PT Multi-point for 6-8 IH1001BN3PT80 Multi-point for 8-0 IH1001BN1PT One-point IH1001BN Dummy</p>		<p>IH1001AN3PT Multi-point for 6-8 IH1001AN3PT80 Multi-point for 8-0 IH1001AN1PT One-point IH1001AN Dummy</p>		<p>IH1001ORB3PT Multi-point for 6-8 IH1001ORB3PT80 Multi-point for 8-0 IH1001ORB1PT One-point IH1001ORB Dummy</p>

	<p><b>SAVOY</b> SATIN NICKEL</p>		<p><b>SAVOY</b> ANTIQUE NICKEL</p>		<p><b>SAVOY</b> OIL RUBBED BRONZE or BLACK</p>
<p>Exterior Interior</p>		<p>Exterior Interior</p>		<p>Exterior Interior</p>	
	<p>IH3001BN3PT Multi-point for 6-8 IH3001BN3PT80 Multi-point for 8-0 IH3001BN1PT One-point IH3001BN Dummy</p>		<p>IH3001AN3PT Multi-point for 6-8 IH3001AN3PT80 Multi-point for 8-0 IH3001AN1PT One-point IH3001AN Dummy</p>		<p>IH3001ORB3PT Multi-point for 6-8 IH3001ORB3PT80 Multi-point for 8-0 IH3001ORB1PT One-point IH3001ORB Dummy</p>

	<p><b>CRAFTSMAN</b> ANTIQUE NICKEL</p>		<p><b>CRAFTSMAN</b> OIL RUBBED BRONZE/BLACK</p>		<p><b>SAN JOSE</b> ANTIQUE NICKEL</p>		<p><b>SAN JOSE</b> OIL RUBBED BRONZE or BLACK</p>
<p>Exterior Interior</p>		<p>Exterior Interior</p>		<p>Interior</p>		<p>Interior</p>	
<p>IH432BQAN3PT Multi-point for 6-8 IH432BQAN3PT80 Multi-point for 8-0 IH432BQAN Dummy</p>	<p>IH432BQORB3PT Multi-point for 6-8 IH432BQORB3PT80 Multi-point for 8-0 IH432BQORB Dummy</p>	<p>IH4702CAN3PT Multi-point for 6-8 I4702CAN3PT80 Multi-point for 8-0 I4702CAN1PT One-point I4702CAN Dummy</p>	<p>I4702CORB3PT Multi-point 6-8 I4702CORB3PT80 Multi-point 8-0 I4702CORB1PT One-point I4702CORB Dummy</p>				

# The WOODCRAFT COLLECTION SOLID PANEL & PLANK DOORS

## Solid Panel & Plank Doors

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The Solid Panel and Plank mahogany and knotty alder series of doors, sidelites and transoms provide an impressive range of options and finishes.

Doors feature laminated, engineered stiles and rails to virtually eliminate warping. DoorCraft Series and Estancia Series panels are constructed using a 3-piece assembly that incorporates a cross-grained, multi-layer spline to eliminate panel splitting. Portobello Series doors utilize LVL-reinforced door panels. Doors are assembled using an authentic doweled cove-and-bead technique.

## Factory Finish Option

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Choose from six finish colors in our Traditional, Distressed and Antique finish options. See pages 10-13 for photos of GlassCraft's mahogany and knotty alder factory finish options.

## Pre-Hung Option

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GlassCraft doors may be ordered individually, or as assembled, pre-hung units in matching mahogany or knotty alder jambs for exterior applications. Pre-hung part numbers are available with each door selection in this catalog.

## Decorative Straps & Clavos Options

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See pages 14-15 for full details on GlassCraft's handmade decorative wrought iron hinge straps, L straps and T straps. Example drawings are available throughout this section.

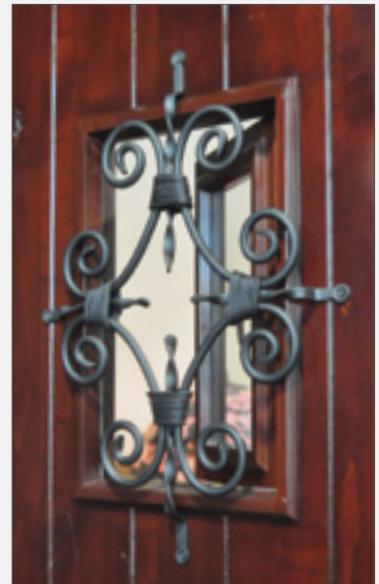
Use the decorative door straps for installation onto the face of a door to give it a rustic or antique look. Door straps can be mounted on the interior, the exterior or both sides. Straps may be used with or without the clavos shown on page 16. These door straps are hand-crafted and therefore vary slightly. Iron straps include handmade mounting nails. Examples of our wrought iron hinge straps and corner strap configurations can be found on page 14.

Iron straps, clavos and speakeasy grilles will be packaged separately and uninstalled on all unfinished GlassCraft door products so the door may be finished before the iron straps, clavos and speakeasy grilles are installed.

## V-Groove Option

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The Estancia Knotty Alder door panels may be V-grooved to give the look of a rustic door. V-grooving gives a "plank" appearance to the door panel. The quantity of V-grooves varies with the width of the specific door.



Close-up photo of speakeasy on Knotty Alder door with Florentine grille. Black finish on speakeasy grille.



Knotty Alder Round Top Single Plank Door with V-Grooves, Madrid Speakeasy and Clavos.

# The WOODCRAFT COLLECTION SOLID & PLANK DOORS

## Speakeasy Grille Options

Most of our solid panel doors shown in this section may be ordered with our "speakeasy" option installed (see photo below). With this option, a small, operable rectangular door is installed in the upper door panel at a height of approximately 5'-6" (speakeasies are installed lower on the round top double doors). This small door is hinged and latched from the interior side of the door. The speakeasies are available in four wrought iron grille designs.



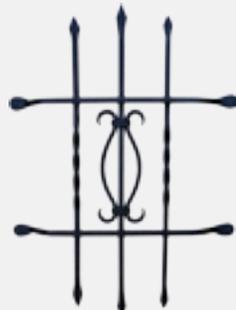
WR16 Florentine



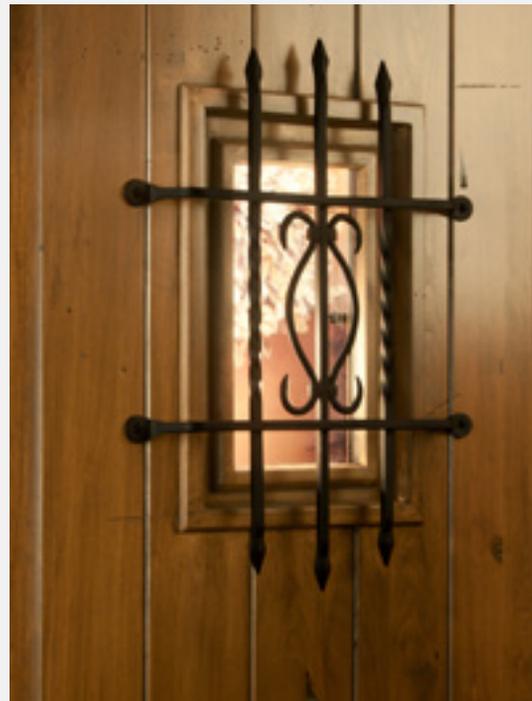
WR15 Madrid



WR105 Star

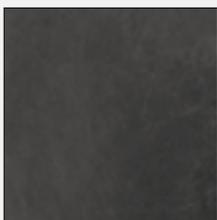


WR103 Seville



## Speakeasy Grille & Latch Color Options

Each external wrought iron speakeasy grille design has been forged by artisans and is individually crafted by hand and will vary. This variance is a feature of wrought iron and adds to the beauty and appearance of the wrought iron grille. The handmade wrought iron grilles are powder coated for durability. The speakeasy grilles are available in 3 color options, while the speakeasy latch is available in 2 color options, as follows:



Antique Black



Antique Bronze

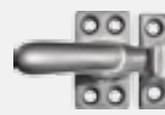


Antique Pewter

### Speakeasy Latch Hardware



SEHPB1  
Antique Black  
Antique Bronze



SEHP1  
Antique Pewter

# The WOODCRAFT COLLECTION SOLID & PLANK DOORS

## Speakeasy Glass Options

Choose from eight different glass texture options to complement your wrought iron and hardwood entry door. All glass textures shown below are produced using a double IG (insulated glass) unit to provide safety, security, and energy efficiency. The capacity to see through the glass panel varies depending upon the glass texture chosen. Water texture options offer a light obscured view or level of privacy. Ice Flower, Flemish and Reeds glass options offer a moderate level of obscured view. Rain, Ocean and Granite give the highest level of privacy.



1 - PRIVACY RATING



3 - PRIVACY RATING



5 - PRIVACY RATING



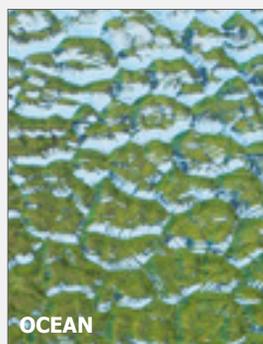
7 - PRIVACY RATING



7 - PRIVACY RATING



8 - PRIVACY RATING



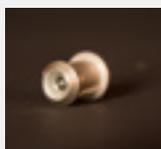
8 - PRIVACY RATING



9 - PRIVACY RATING

## Peephole Viewer Option

Add a peephole to your solid entry door and get a 180 degree view of your outside perimeter. Available in 2 sizes to fit any thickness of GlassCraft's entry doors.



PEEP15-118  
(for Estancia, Portobello  
and DoorCraft doors)



PEEP15  
(for Estancia 2 panel doors)



Simulated Door Pegs

## Simulated Door Peg Option

Our 6 panel DoorCraft Mahogany doors (see page 43) are available with simulated door pegs for added rustic charm.

# The WOODCRAFT COLLECTION DECORATIVE GLASS DOORS

## Mahogany & Knotty Alder Decorative Glass Doors

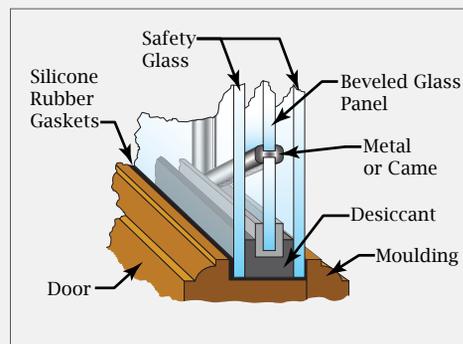


8'0" Mahogany 3/4 Lite Courtlandt prefinished in Canyon Brown. See page 56.

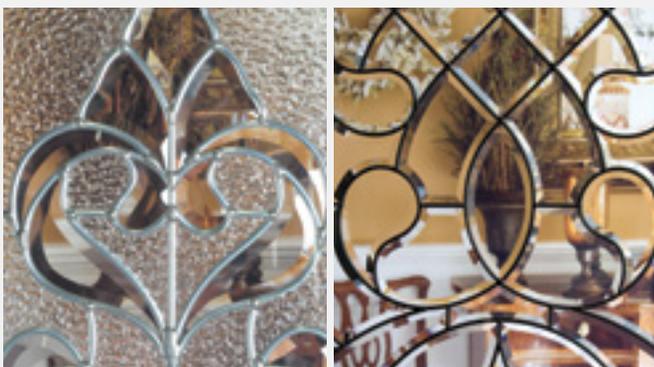
The hardwood doors in this catalog section include our DoorCraft mahogany, Portobello Mahogany, and our Estancia Knotty Alder doors. See pages 50-87 for available designs. Our decorative glass panels are Quality Crafted™ in our workshops to assure you of excellent craftsmanship and elegant designs.

Our decorative glass doors and sidelites feature triple-thick IG panels that permanently seals the decorative glass panel inside two sheets of tempered safety glass. These IG glass panels improve security, energy efficiency and protect the beveled glass panel from possible glass breakage.

### TRIPLE-THICK IG GLASS PANELS



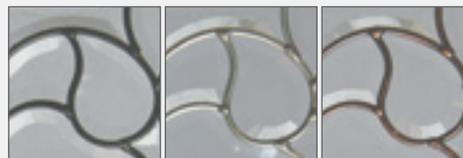
## Insulated Glass Panels & Came Options



Beveled & Textured Glass Panel

Fully Beveled Glass Panel

### CAME COLOR OPTIONS:



Black

Satin Nickel

Oil Rubbed Bronze

Both Fully Beveled Glass Panels and Beveled/Textured Glass Panels feature hand-cut and hand-beveled glass pieces and clusters to maximize the brilliance and sparkle of each glass design.

# The WOODCRAFT COLLECTION TEXTURED GLASS DOORS

## Clear & Texture Patterned Glass Panels

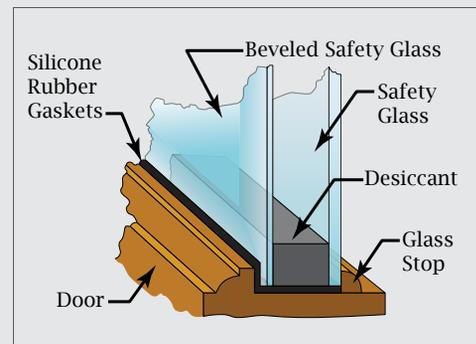


8'0" Mahogany Square Top Double Door  
prefinished in Cinnamon Red. See page 91.

The hardwood doors in the Clear & Textured Glass Collection are available in Portobello Mahogany, Estancia Knotty Alder and DoorCraft Mahogany. These doors feature simple and clean appearance of textured glass panels that can match a wide range of architectural styles.

All doors in this collection feature double-thick IG glass panels which improve security, energy efficiency and ease of cleaning. There are 8 glass textures to choose from.

### INSULATED IG GLASS PANELS



## Glass Options for Textured Glass Doors



1 - PRIVACY RATING



3 - PRIVACY RATING



5 - PRIVACY RATING



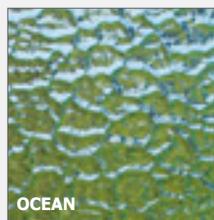
7 - PRIVACY RATING



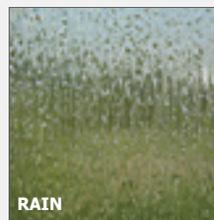
7 - PRIVACY RATING



8 - PRIVACY RATING



8 - PRIVACY RATING



9 - PRIVACY RATING

Choose from eight different glass texture options to complement your mahogany or knotty alder door. All glass textures shown below are produced using a double IG (insulated glass) unit to provide safety, security, and energy efficiency.

# WOODCRAFT WROUGHT IRON DOORS

## Mahogany & Knotty Alder Doors with Wrought Iron



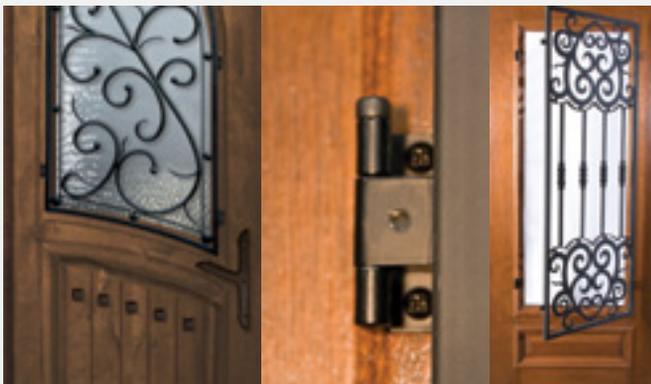
8'0" Mahogany 2/3 Lite Door with Valencia wrought iron grille and clear glass, pre-finished in Canyon Brown. See page 108.

The wrought iron mahogany and knotty alder series of doors, sidelites and transoms provide an impressive range of hand-made wrought iron grilles, door options and finishes. Portobello and Estancia Series doors with wrought iron feature an operable hinge option so that the iron grilles can be opened for easy cleaning of iron and glass. Or the grilles may be tightened for security. (DoorCraft doors with wrought iron do not offer this feature.) Matching wrought iron transoms and sidelights are available for many grille designs.

### BEAUTIFUL OPTIONS:

- Choose your grille design and finish
- Choose your glass texture
- Add matching Sidelights or Transoms
- Add Decorative Straps, Clavos or V-Groove Option
- Choose your Traditional, Antique or Distressed finish.

## Wrought Iron Straps, Clavos, and Operable Hinges



Optional Clavos & Straps

Optional Operable hinge

Operable grille\*

- Add Decorative Straps & Clavos for a unique, rustic look
- Portobello and Estancia doors feature an optional operable grille hinge to allow grille to open
- Iron grilles, straps and clavos are available in three colors

Operable grille hinge item #: WRH

# WOODCRAFT WROUGHT IRON DOORS

## PORTOBELLO & ESTANCIA - GRILLE OPTIONS

The Portobello mahogany and Estancia knotty alder wrought iron doors are available in three grille color options: Antique Black, Antique Bronze and Antique Pewter. The wrought iron grilles are powder coated for durability and made by hand individually. This craftsmanship results in variance of appearance, but also adds a unique beauty and rustic elegance to each wrought iron grille. Choose from 9 beautiful grille designs: Bellagio, Warwick, Catalina, Barcelona, Charleston, Valencia, La Salle, St. Charles, and Texan.



Antique Black



Antique Bronze



Antique Pewter

9 Grille Designs  
3 Grille Colors

## PORTOBELLO & ESTANCIA - GLASS TEXTURE OPTIONS

Choose from eight different glass texture options to complement your wrought iron and hardwood entry door. All glass textures shown below are produced using a double IG (insulated glass) unit to provide safety, security, and energy efficiency. The capacity to see through the glass panel varies depending upon the glass texture chosen. Water texture options offer a light obscured view or level of privacy. Large Flemish, Ice Flower and Reeds glass options offer a moderate level of obscured view. Rain, Ocean and Granite give the highest level of privacy.



CLEAR

1 - PRIVACY RATING



WATER

3 - PRIVACY RATING



LARGE FLEMISH

5 - PRIVACY RATING



ICE FLOWER

7 - PRIVACY RATING



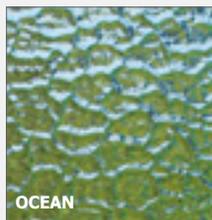
REEDS

7 - PRIVACY RATING



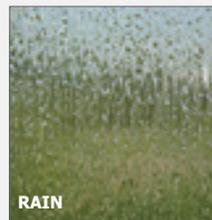
GRANITE

8 - PRIVACY RATING



OCEAN

8 - PRIVACY RATING



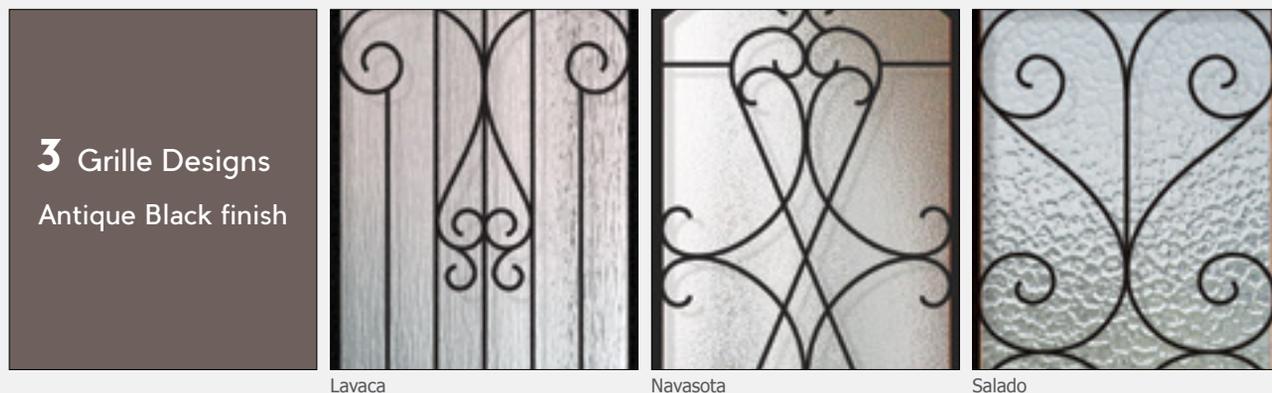
RAIN

9 - PRIVACY RATING

# WOODCRAFT WROUGHT IRON DOORS

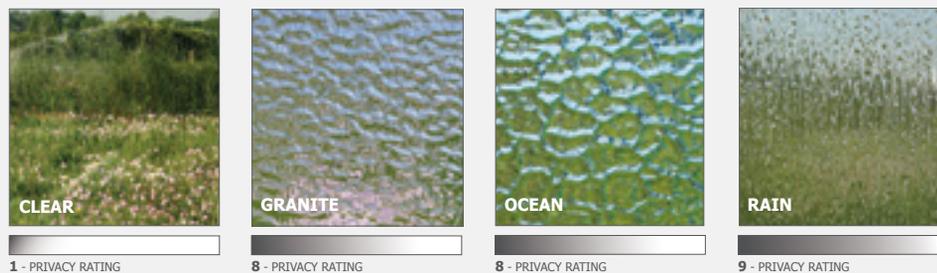
## DOORCRAFT MAHOGANY - GRILLE OPTIONS

The DoorCraft mahogany wrought iron doors are available in 3 grille designs: Lavaca, Navasota, and Salado. Each wrought iron grille design has been crafted by artisans and individually made by hand and will vary. This variance is a feature of wrought iron and adds to the beauty of the wrought iron grille. Available in Antique Black grille color only.



## DOORCRAFT MAHOGANY - GLASS TEXTURE OPTIONS

Choose from four different glass texture options to complement your wrought iron and mahogany DoorCraft entry door. All glass textures shown below are produced using a double IG (insulated glass) unit to provide safety, security, and energy efficiency. The capacity to see through the glass panel varies depending upon the glass texture chosen. Granite, Ocean, and Rain glass textures offer more obscure levels of visibility.



# The WOODCRAFT COLLECTION TRUE DIVIDED LITE DOORS

## Real TDL in Estancia Knotty Alder & DoorCraft Mahogany



The TDL (True Divided Lite) series of mahogany and knotty alder doors will complement a wide range of architectural styles. TDL doors in this catalog are true divided lite (TDL) doors, and do not use simulated divided lites. This TDL Series provides an impressive range of options and finishes. Choose from six finish colors in our Traditional, Distressed or Antique finish options. See pages 11-13 for photos of GlassCraft's mahogany and knotty alder factory finish options.

These Divided Lite doors may be ordered individually, or assembled in matching mahogany or knotty alder jambs for both interior and exterior applications.

### TDL DOOR CONSTRUCTION & PRE-HUNG OPTIONS

- Widths available: 2'6" | 2'8" | 3'0"
- Heights available: 8'0" | 6'8"
- Standard TDL doors use 1-7/16" muntin bars
- Continental Collection of TDL door have wide horizontal bars.
- Doors assembled using authentic doweled cover-and-bead technique.
- Matching sidelites available on many door profiles. Transoms available with clear beveled glass only.
- No raised moldings
- TDL doors with double-glazed IG have been tested and approved in windstorm areas.

## Six Glass Options (for all doors in this section)



All TDL doors, sidelights, and transoms shown in this catalog section feature double thickness tempered insulated glass panels consisting of two layers of safety glass. Choose from six different glass texture options.

\*Note: The beveled glass option is higher in price than the 5 textured glass options.

# The WOODCRAFT COLLECTION CRAFTSMAN DOORS

## Craftsman, Mission and Bungalow Style Doors



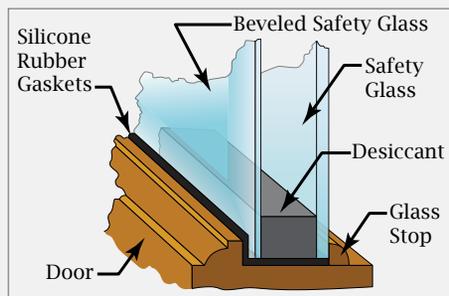
GlassCraft's Craftsman, Mission and Bungalow door selection provides an impressive range of options, including finishes (see pages 10-13), matching jambs, sidelights and transoms (for select door styles), and grille options (for Bungalow doors).

These doors may be ordered individually, or assembled in matching mahogany or knotty alder jambs for exterior applications.

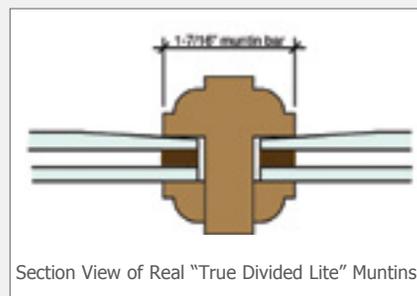
### DOOR CONSTRUCTION ADVANTAGES:

- Laminated, engineered stiles and rails to eliminate warping of the doors.
- Door panels on Mission doors use a 3-piece assembly featuring a cross-grained spline in the core to eliminate panel splitting.
- Craftsman style doors feature traditional flat panel design using multiple layered panels for strength.
- Portobello Bungalow doors use a unique "split-resistant" panel design that inhibits cracking or warping of the large panels.
- All doors in this collection are assembled using an authentic doweled cove-and bead technique.
- Features authentic True Divided Lite or TDL construction with 1-7/16" wide muntin bars for the double-thick IG glass panels for energy efficiency.

## Double Glazed Safety Glass and Dentil Shelves



All doors in this section feature double-thick tempered insulated glass panels with two layers of safety glass for security, strength, and energy efficiency. Different glass textures are available.



AUTHENTIC TDL CONSTRUCTION

All Mission, Craftsman and Bungalow doors utilize an authentic True Divided Lite door construction with wide muntin bars (1-7/16").



INCLUDED DENTIL SHELF

Dentil shelves are included on all Craftsman and Bungalow doors without iron. You may request these to be left off the doors.

# The WOODCRAFT COLLECTION CRAFTSMAN DOORS

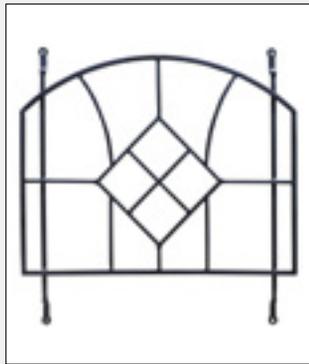
## BUNGALOW DOORS - Door Pegs and Wrought Iron Grilles

The Bungalow Doors featured in this section include simulated door pegs. The simulated door pegs offer a beautiful appearance to this traditional door style. While these pegs are included with our doors, you may request that they be constructed without the door pegs.

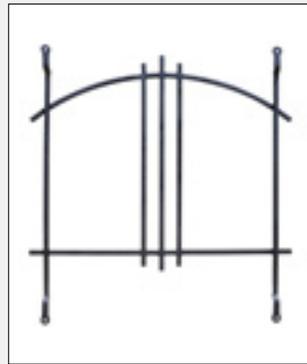
The 6'8" and the 8'0" tall Bungalow Doors are offered with two wrought iron grille options. These grilles are hand-made and forged one at a time to create a classic appearance for your entryway. Each is unique, and each is slightly different than the next. The grilles are mounted on the face of the door over the glass opening, and are non-operable (meaning that these grilles are NOT hinged for opening).



Simulated Door Pegs on Bungalow doors



Winslow Grille - WR101



Hawthorne Grille - WR103

## BUNGALOW DOORS - Glass Texture Options

Choose from eight different glass texture options to complement your Bungalow Door selection shown on pages 144-145 (with grilles) and on page 143 (with 1 lite). Choose from 3 texture options (clear bevel, water and rain textures) for the 4 Lite Bungalow Doors on page 142. Glass texture panels are produced using a double insulated glass unit to provide safety, security, and energy efficiency. The capacity to see through the glass panel varies depending upon the glass texture chosen.



1 - PRIVACY RATING



1 - PRIVACY RATING



3 - PRIVACY RATING



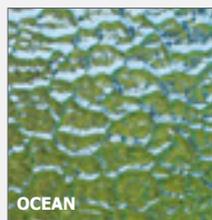
7 - PRIVACY RATING



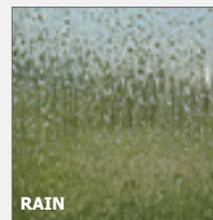
7 - PRIVACY RATING



8 - PRIVACY RATING



8 - PRIVACY RATING



9 - PRIVACY RATING

# The WOODCRAFT COLLECTION **GBG DOORS**

## Patented Decorative GBG Panels

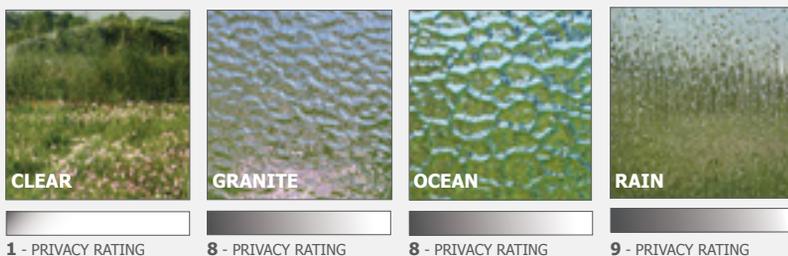


The wrought-iron inspired collection of decorative “grille-between-the-glass” or GBG doors are unique in their appearance, and feature simulated hand-tooling marks and unique designs. GlassCraft has multiple US Patents approved for this product! There are four GBG grille designs to choose from: Cantania, Novara, Palermo, and Florence. Each decorative grille is finished in antique black, mounted between two pieces of tempered safety glass. There are four glass texture options available with varying obscurity levels – all of which allow daylight to enter. All designs are registered copyright designs created by GlassCraft Door Company.

### DOORCRAFT MAHOGANY DOORS with GBG Panels

The mahogany DoorCraft® Series provides a broad and economical selection of doors including the GBG doors shown in this catalog section, all with a wide array of finish options. Mahogany is a red-brown hardwood that will vary from rich golden to deep red-brown colors and has a beautiful finish when stained and sealed. These doors are offered in 1-3/4” thickness, 2 heights, and 1 width. See pages 11-13 for mahogany factory finish options, and refer to pages 8-9 for more information on these DoorCraft series of doors.

## DoorCraft GBG Doors - Glass Options



Choose from four different glass texture options to complement your GBG and mahogany DoorCraft entry door. All the glass textures shown above are produced using a double IG (insulated glass) unit to provide safety, security, and energy efficiency. The capacity to see through the glass panel varies depending upon the glass texture chosen. Granite, Ocean and Rain glass textures offer more obscure levels of visibility.

# The WOODCRAFT COLLECTION CONTEMPORARY DOORS

## Contemporary Portobello Mahogany Doors

The Portobello Mahogany doors in the Contemporary Collection offer a sleek, "retro" modern look. This collection is available in the following designs: Brentwood, Westwood, Inglewood, Fleetwood, Malibu, Santa Monica, Venice, Beverly, Huntington, and Newport.



### FEATURES OF THE CONTEMPORARY PORTOBELLO DOORS:

- Sleekest modern look and minimalist design with True Flush Glazed glass panels. No raised moldings.
- Premium engineered wood core construction.
- Impressive range of options and finishes.
- Sizes: 2'8", 3'0", and 3'6" widths; 8'0" and 6'8" heights.
- Double glazed insulated safety glass
- Four metal grid options: Matrix, Urban, Noble and Trellis

## Four Metal Grid Options (for doors in this section)



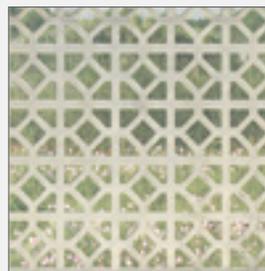
**Matrix** 4 - PRIVACY RATING



**Urban** 4 - PRIVACY RATING



**Noble** 4 - PRIVACY RATING



**Trellis** 6 - PRIVACY RATING

Choose from four different metal grid texture options to complement your contemporary mahogany entry door. The real decorative metal grids shown above are mounted between 2 pieces of clear glass as a double IG (insulated glass) unit to provide safety, security, and energy efficiency. The capacity to see through the glass panel and grid varies depending on the grid design chosen.

## Four Glass Options (for all doors in this section)



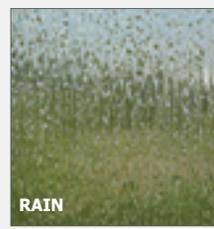
**CLEAR**  
1 - PRIVACY RATING



**WATER**  
3 - PRIVACY RATING



**REEDS**  
7 - PRIVACY RATING



**RAIN**  
9 - PRIVACY RATING

Choose from four different glass texture options to complement your contemporary mahogany entry door. The glass textures shown above are produced using a double IG (insulated glass) unit to provide safety, security, and energy efficiency. The higher the privacy rating, the higher the level of obscurity.

# Product Specifications for Estancia Knotty Alder Exterior Wood Doors

Doors built for the Estancia Exterior Door Series are included in our WoodCraft *Knotty Alder and Mahogany Entry Doors* color product catalog, and have the following specifications\*:

- 1) Solid engineered wood construction in the stiles, rails and panels. Stiles of these Estancia Series doors use a laminated-engineered construction method which greatly reduces the possibility of warpage, without the potential problems of a veneer door.
- 2) Estancia door panels are fully floating (not glued) for superior strength and longevity. Estancia Series doors utilize a solid 3-piece laminated panel to prevent separation, cracking and warping.
- 3) All stile and rail joints use full cove and bead construction (instead of butt-gluing), and incorporate multiple grooved dowel construction at each joint. The top rail and lock rails use 3 dowels per side, and the large bottom rail uses 4 dowels per side.
- 4) Estancia doors are available pre-hung in matching knotty alder components. This assures a beautiful match and consistent grain and stain pattern. 4 9/16" and 6 9/16" jamb widths are standard.
- 5) All 2-panel arch top rail door profiles may be cut into arch top door shapes. Matching arched door headers are available from stock.
- 6) Available Options: clavos, straps, v-grooving, prefinishing, pre-hanging, speakeasies, custom products.

## Available Stock Product Sizes

Knotty Alder Doors	2' 8" X 6' 8" X 1 3/4"	2' 8" X 8' 0" X 1 3/4"
	3' 0" X 6' 8" X 1 3/4"	3' 0" X 8' 0" X 1 3/4"
	3' 6" X 6' 8" X 1 3/4"	3' 6" X 8' 0" X 1 3/4"
Knotty Alder Sidelites	1' 2" X 6' 9"	1' 2" X 8' 1"

(Sidelites can be trimmed to 1' 0" width.)

**Stile Construction** Doors: 3–5mm (nominal) thick laminate over solid wood staves

## Stile Width

3' 0" width: full, 3/4 lite, 2/3 lite, arch top, round top	7 5/8" wide
2-Panel arch top rail doors 32" and wider	5" wide

**Stile & Rail Connection Method** Doweled Cove and Bead

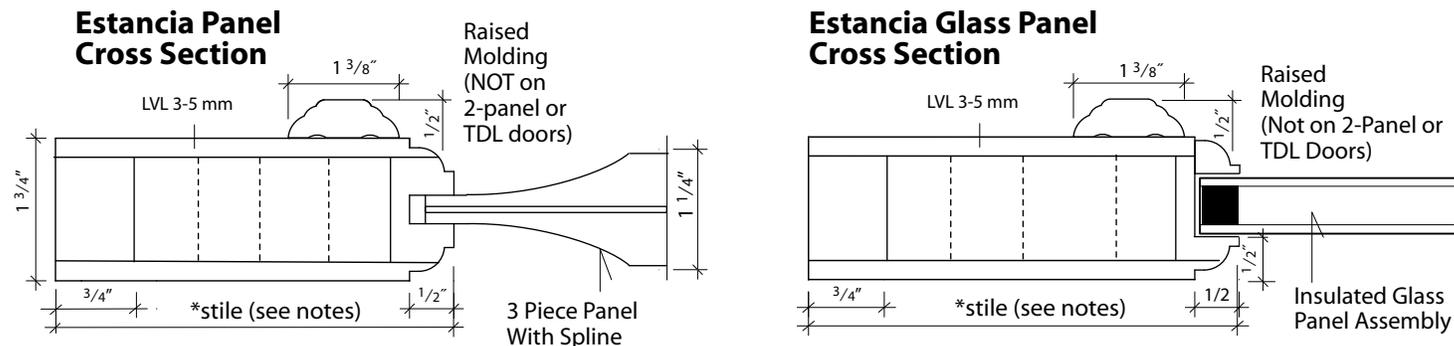
**Panel Thickness** 1 1/4" panel with 3-layer construction to inhibit cracking or "see through" at knot holes. See drawing below.

**Raised Molding Width** Raised molding standard on most Estancia Exterior doors, except for TDL, 2 Panel, and Plank doors

**Wood Specie Common Name** Western Red Knotty Alder

**Product Approvals** Most Estancia Series door configurations have DP Ratings. Please check our web site in the Product Approvals section for information.

**Comments** Custom sizes, custom sidelites, custom entryways are available. Raised molding standard on most doors. V-grooving optional on specific door profiles.



\* All specifications, product designs and information listed are subject to change without prior notice. We are constantly improving our products, and these improvements may cause us to change the specifications listed.

# Product Specifications for Estancia Knotty Alder or DoorCraft Mahogany TDL Exterior Wood Doors

Doors built for the True Divided Lite Series millwork program are included in the TDL section of our *Mahogany and Knotty Alder Entry Doors* catalog, and have the following specifications\*:

- 1) Solid wood construction in the stiles and rails. Stiles of these TDL door series use a laminated-engineered construction method, which greatly reduces the possibility of warpage, without the potential problems of a veneer door.
- 2) TDL door panels are fully floating (not glued) for superior strength and longevity. Panels are 3 layers thick for strength and to greatly reduce the possibility of splitting.
- 3) All stile and rail joints use full cove and bead construction (instead of butt-gluing), and incorporate multiple grooved dowel construction at each joint. The top rail and lock rails use 3 dowels per side, and the large bottom rail uses 4 dowels per side.
- 4) TDL doors are available pre-hung in matching mahogany or knotty alder components. This assures a beautiful match and consistent grain and stain pattern. 4<sup>5</sup>/<sub>8</sub>" and 6<sup>5</sup>/<sub>8</sub>" jamb widths are standard. Also available for mahogany units are matching TDL Transoms. All transoms include IG double thick beveled glass.
- 5) Glass panels in Estancia or DoorCraft TDL Doors are double glazed (IG). There are 6 available glass options for TDL doors and sidelites. All glass is tempered for safety.

## Available Stock Product Sizes

Mahogany Doors	2' 6" X 6' 8" X 1 3/4"		Knotty Alder Doors	3' 0" X 6' 8" X 1 3/4"
	2' 8" X 6' 8" X 1 3/4"		Knotty Alder Doors	3' 0" X 8' 0" X 1 3/4"
	3' 0" X 6' 8" X 1 3/4"			
	2' 6" X 8' 0" X 1 3/4"		Knotty Alder Sidelites	1' 2" X 6' 9" X 1 3/4"
	2' 8" X 8' 0" X 1 3/4"			1' 2" X 8' 1" X 1 3/4"
	3' 0" X 8' 0" X 1 3/4"			
Mahogany Sidelites	1' 0" X 6' 9" X 1 3/4"			
	1' 0" X 8' 1" X 1 3/4"			
	1' 2" X 6' 9" X 1 3/4"			
	1' 2" X 8' 1" X 1 3/4"			

## Stile Construction

Doors 2–2.5mm (nominal) mahogany or knotty alder laminate over solid wood staves. Laminate veneers may be 2 layers thick. Sidelites: solid wood (no raised molding)

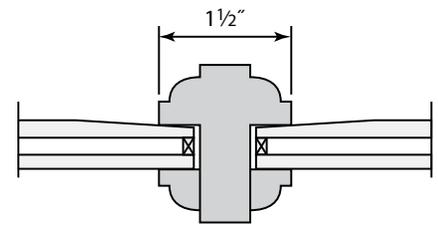
## Stile Width

All doors	6 1/4" wide
1' 0" wide sidelites	1 1/2" wide
1' 2" wide sidelites	2 1/2" wide

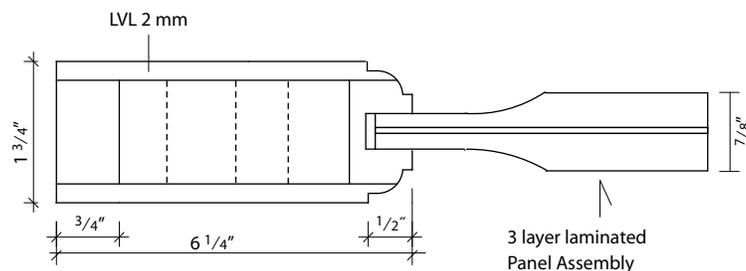
**Stile & Rail Connection Method** Doweled Cove and Bead

**Panel Thickness** 7/16" laminated panel. Panel is 3 layers thick to eliminate splits through panel.

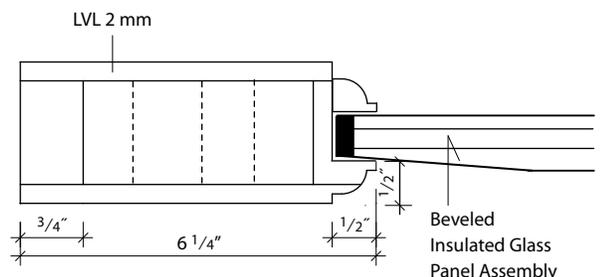
**Wood Specie** Meranti Mahogany or equivalent and Western Red Knotty Alder



## TDL Door Panel Cross Section



## TDL Door Glass Cross Section



\* All specifications, product designs and information listed are subject to change without prior notice. We are constantly improving our products, and these improvements may cause us to change the specifications listed.

# Product Specifications for Portobello Mahogany Exterior Wood Doors

Doors built for the Portobello Series millwork program are included in the *Mahogany and Knotty Alder Entry Door* color product catalog, and have the following specifications\*:

- 1) Solid wood construction in the stiles and rails and panels. Stiles of these Portobello door series use a laminated-engineered construction method, which greatly reduces the possibility of warpage, without the potential problems of a veneer door.
- 2) Portobello door panels are fully floating (not glued) for superior strength and longevity. Raised panels used 3-layer laminate construction for strength and to prevent splitting.
- 3) All stile and rail joints use full cove and bead construction (instead of butt-gluing), and incorporate multiple grooved dowel construction at each joint. The top rail and lock rails use 3 dowels per side, and the large bottom rail uses 4 dowels per side.
- 4) Portobello doors are available pre-hung in matching mahogany components. This assures a beautiful match and consistent grain and stain pattern. 4 5/8" and 6 5/8" jamb widths are standard.
- 5) Options: Some Portobello doors are available with v-grooving, clavos, speakeasy options.

## Available Stock Product Sizes

Doors	2'8" X 6'8" X 1 3/4"
	3'0" X 6'8" X 1 3/4"
	2'8" X 8'0" X 1 3/4"
	3'0" X 8'0" X 1 3/4"
	3'0" X 8'0" X 1 3/4" each slab: Arch Top Double door set
	3'0" X 8'0" X 1 3/4" each slab: Round Top Double door set
	3'6" X 8'0" X 1 3/4"
	3'6" X 8'0" X 2 1/4" thick
Sidelites	1'0" X 6'9"
	1'2" X 6'9"
	1'0" X 8'1"
	1'2" X 8'1"

## Stile Construction

Doors 3'0" and 3'6"	3–5mm (nominal) laminate over solid wood staves
Doors 2'8" width	3–5mm (nominal) laminate over solid wood staves
Sidelites	1 piece—solid wood

## Stile Width (doors)

3'6" width doors:	7 5/8"
3'0" width: full lite, 3/4 lite, 2/3 lite, arch lite:	7 5/8"
2'8" width doors:	5 5/8"

## Stile & Rail Connection Method

Multiple grooved dowels at cove and bead joint

## Panel Thickness 1 5/8"

## Raised Molding

1 3/8" wide X 1/2" high

Exceptions:

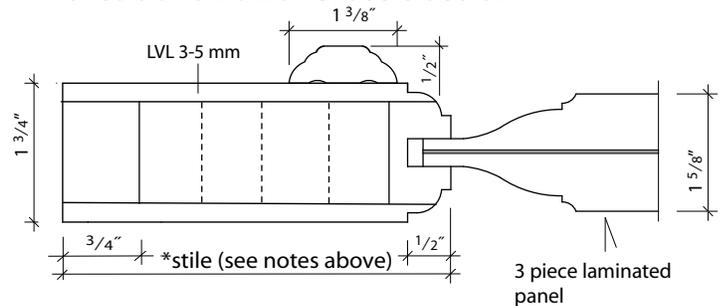
- 1) 1'2" sidelites have 3/4" wide X 3/4" high molding
- 2) 1'0" sidelites do not have raised molding
- 3) Round top doubles—raised molding is standard
- 4) Arch top doubles—raised molding is standard
- 5) 2'8" doors have 3/4" X 1/2" molding to allow for hardware

**Wood Specie** Meranti mahogany or equivalent

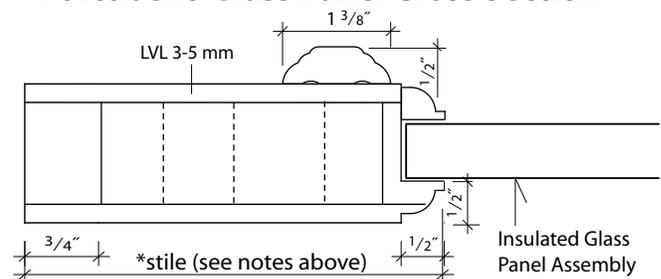
**Comments** Sidelites have 1 piece stiles

**Warranty** Refer to the Warranty section of our web site

## Portobello Panel Cross Section



## Portobello Glass Panel Cross Section



\* All specifications, product designs and information listed are subject to change without prior notice. We are constantly improving our products, and these improvements may cause us to change the specifications listed.

# Product Specifications for Mahogany & Alder Plank Wood Doors

Plank Doors included in the *Mahogany and Knotty Alder Entry Door* color product catalog have the following specifications\*:

- 1) LVL Laminate Veneer Lumber wood construction throughout door with multiple stave splined-core construction on the door edges. This construction method greatly reduces the possibility of warpage or splitting, without the potential problems of a veneer door. See photos below.
- 2) These mahogany and alder doors are available pre-hung in matching mahogany or alder jamb components. This assures a beautiful match and consistent grain and stain pattern. 4<sup>5</sup>/<sub>8</sub>" and 6<sup>5</sup>/<sub>8</sub>" jamb widths are standard.
- 3) Options: All plank doors are available with clavos, straps, and speakeasy options. Plus arch top and round top options.

## **Available Stock Product Sizes**

Doors 2'8" X 6'8" X 1<sup>3</sup>/<sub>4</sub>"  
3'0" X 6'8" X 1<sup>3</sup>/<sub>4</sub>"  
2'8" X 8'0" X 1<sup>3</sup>/<sub>4</sub>"  
3'0" X 8'0" X 1<sup>3</sup>/<sub>4</sub>"  
3'6" X 8'0" X 2'<sup>1</sup>/<sub>4</sub>" thick

Door Shapes: All the above door sizes are available in square top, arch top, and round top shapes. Plus Arch Top doubles and Round Top Doubles.

## **Stile Construction**

Doors 5mm (nominal) laminate over solid wood staves

**Wood Specie** Meranti mahogany or equivalent and Western Red Knotty Alder

**Warranty** Refer to the Warranty section of our web site

Refer to this cross-section photo for construction detail:



Knotty Alder

*\* All specifications, product designs and information listed are subject to change without prior notice. We are constantly improving our products, and these improvements may cause us to change the specifications listed.*

# Product Specifications for Mahogany & Knotty Alder Doors with Wrought Iron Grilles

Doors built for the Craftsman Series millwork program are included in the TDL section of our *Mahogany and Knotty Alder Entry Doors* color product catalogs, and have the following specifications\*:

- 1) Solid wood construction in the stiles, rails and panels. Stiles of the Portobello and Estancia door series use a laminated-engineered construction method, which greatly reduces the possibility of warpage, without the potential problems of a veneer door.
- 2) Portobello and Estancia door panels are fully floating (not glued) for superior strength and longevity. Raised panels use 3-layer laminate construction for strength and to prevent splitting.
- 3) All stile and rail joints use full cove and bead construction (instead of butt-gluing), and incorporate multiple grooved dowel construction at each joint. The top rail and lock rails use 3 dowels per side, and the large bottom rail uses 4 dowels per side.
- 4) Portobello and Estancia doors are available pre-hung in matching mahogany components. This assures a beautiful match and consistent grain and stain pattern. 4 5/8" and 6 3/8" jamb widths are standard.
- 5) Options: Some Portobello doors are available with clavos and speakeasy options. Most Estancia doors are available with v-grooving, clavos and speakeasy options.
- 6) These doors are shipped with wrought iron grilles attached to the door using the method shown in Photo 1 below.
- 7) Optional wrought iron grille hinges can be purchased separately.
- 8) These hinges may be installed to the door and iron grille so that the grille may be opened for cleaning of the glass. Grille may be opened to the right or to the left. Hinges are installed onto the door as shown in Photo 2 below. Section drawings of both mounting methods are shown in the drawings at the bottom of the page. #WRH

## Wrought Iron Grilles

Grilles are all steel....solid or tubes depending upon the design. Grilles are all hand-made and welded. Grilles are powder-coated with a matte-black powder paint finish. Grilles are shipped with optional mounting hinges and instructions attached to the grille in a shipping bag. Iron Grilles are available for 32" width, 36" width and 42" width doors and 14" wide sidelites. Iron grille transoms are also available.

## Available Door Stock Product Sizes

Please refer to Portobello sizes on page 15 and Estancia Alder sizes listed on page 11.

## Stile Construction

Doors 3'0" and 3'6"	3-5mm (nominal) laminate over solid wood staves
Doors 2'8" width	3-5mm (nominal) laminate over solid wood staves
Sidelites	1 piece—solid wood

## Stile Width (doors)

3'0" width: full lite, 3/4 lite, 2/3 lite, arch:	7 5/8"
2'8" width doors:	5 5/8"

**Stile & Rail Connection Method** Multiple grooved dowels at cove and bead joint

**Panel Thickness** 1 5/8"

**Raised Molding** 1 3/8" wide X 1/2" high  
 Exceptions: 2'8" doors have 3/4" X 1/2" molding to allow for hardware

**Wood Specie** Mahogany or equivalent and knotty alder

**Comments** Sidelites have 1 piece stiles. 12" wide sidelites with iron grilles are not available.

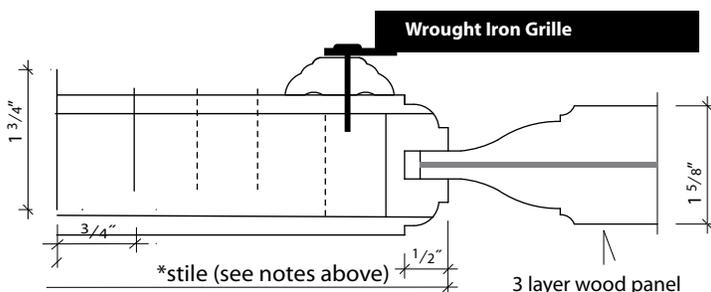


Photo 1: standard mount of iron grille

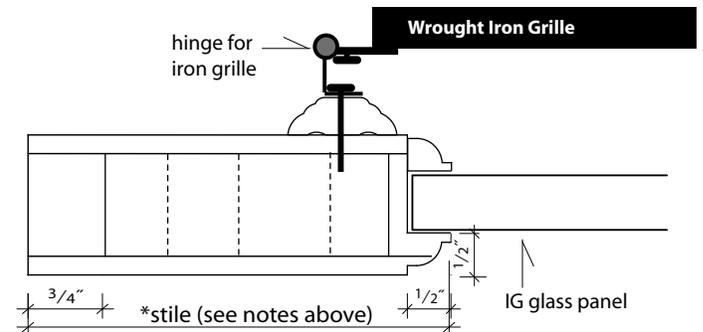


Photo 2: optional hinge mount

## Wrought Iron Door Panel Cross Section with standard iron grille mount



## Wrought Iron Door Glass Panel Cross Section with optional operable hinged iron grille mount



\* All specifications, product designs and information listed are subject to change without prior notice. We are constantly improving our products, and these improvements may cause us to change the specifications listed.

# Product Specifications for Craftsman Knotty Alder & Mahogany Doors

Doors built for the Craftsman Series millwork program are included in the TDL section of our *Mahogany and Knotty Alder Entry Doors* color product catalogs, and have the following specifications\*:

- 1) Solid wood construction in the stiles and rails. Stiles of these craftsman door series use a laminated-engineered construction method, which greatly reduces the possibility of warpage, without the potential problems of a veneer door.
- 2) Craftsman door panels are fully floating (not glued) for superior strength and longevity. Panels are flat (no detail or profiles) in keeping with the craftsman design appearance. Panels are three layers thick to prevent cracking or splitting.
- 3) All stile and rail joints use full cove and bead construction (instead of butt-gluing), and incorporate multiple grooved dowel construction at each joint. The top rail and lock rails use 3 dowels per side, and the large bottom rail uses 4 dowels per side.
- 4) Craftsman doors are available pre-hung in matching mahogany or knotty alder components. This assures a beautiful match and consistent grain and stain pattern.  $4\frac{5}{8}$ " and  $6\frac{5}{8}$ " jamb widths are standard.

## Available Stock Product Sizes

Doors	3'0" X 6'8" X 1 3/4"
	3'0" X 8'0" X 1 3/4"
Sidelites	1'2" X 6'9" X 1 3/4"
	1'2" X 8'1" X 1 3/4"

## Stile Construction

Doors	mahogany or knotty alder laminate over solid wood staves
Sidelites	solid wood (no raised molding)

## Stile Width

3'0" wide doors	6 1/4" wide
1'2" wide sidelites	2 1/2" wide

**Stile & Rail Connection Method** Doweled Cove and Bead

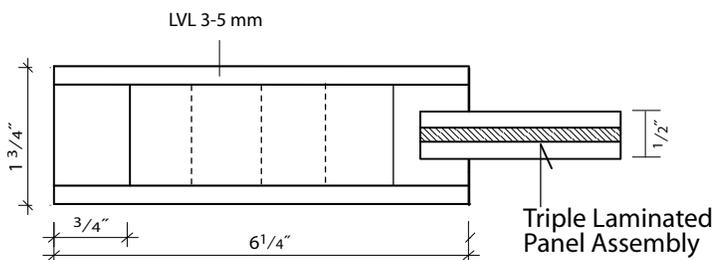
**Panel Thickness** All Craftsman Doors 1/2" laminated panel

**Raised Molding Width** No raised moldings

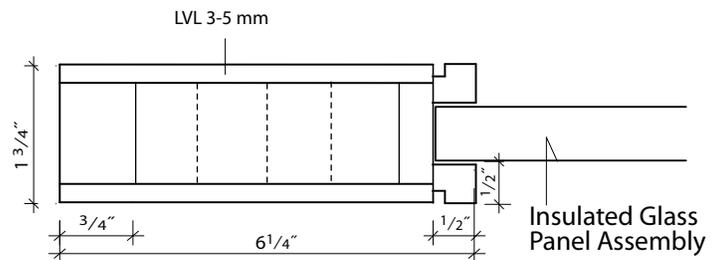
**Wood Specie** Meranti mahogany or equivalent and Western Red Knotty Alder

**Comments** 2'8" wide doors are not available from stock

## Craftsman Door Panel Cross Section



## Craftsman Glass Panel Cross Section



\* All specifications, product designs and information listed are subject to change without prior notice. We are constantly improving our products, and these improvements may cause us to change the specifications listed.

# Product Specifications for Bungalow Mahogany Doors

Doors built for the Bungalow Series millwork program are included in Section 5: Craftsman, Mission and Bungalow section of our *Mahogany and Knotty Alder Entry Doors* color product catalogs, and have the following specifications\*:

- 1) Solid wood construction in the stiles and rails. Stiles of these craftsman door series use a laminated-engineered construction method, which greatly reduces the possibility of warpage, without the potential problems of a veneer door.
- 2) Bungalow door panels are fully floating (not glued) for superior strength and longevity. Panels include a tight v-groove pattern in keeping with the Bungalow design appearance. Panels are constructed using an LVL technique to eliminate the possibility of cracking or warping.
- 3) All stile and rail joints use full cove and bead construction (instead of butt-gluing), and incorporate multiple grooved dowel construction at each joint. The top rail and lock rails use 3 dowels per side, and the large bottom rail uses 4 dowels per side.
- 4) Bungalow doors are available pre-hung in matching mahogany components. This assures a beautiful match and consistent grain and stain pattern. 4 5/8" and 6 5/8" jamb widths are standard.

## Available Stock Product Sizes

Doors 3'0" X 6'8" X 1 3/4"  
3'0" X 8'0" X 1 3/4"

## Stile Construction

Doors mahogany laminate over LVL staves

## Stile Width

3'0" wide doors 6 1/4" wide

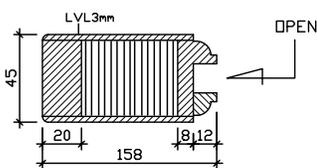
**Panel Thickness** 1" nominal thick LVL laminated panel

**Raised Molding Width** No raised moldings

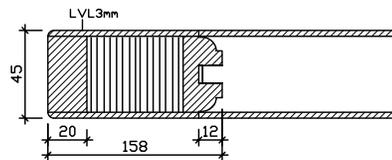
**Wood Specie** Meranti mahogany or equivalent

Drawings shown here show the detail for a Bungalow 6-8 high TDL door. Other Bungalow doors are constructed using these same designs. All dimensions shown are in millimeters.

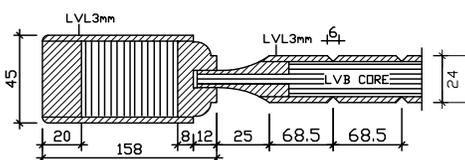
### (A) CROSS SECTION



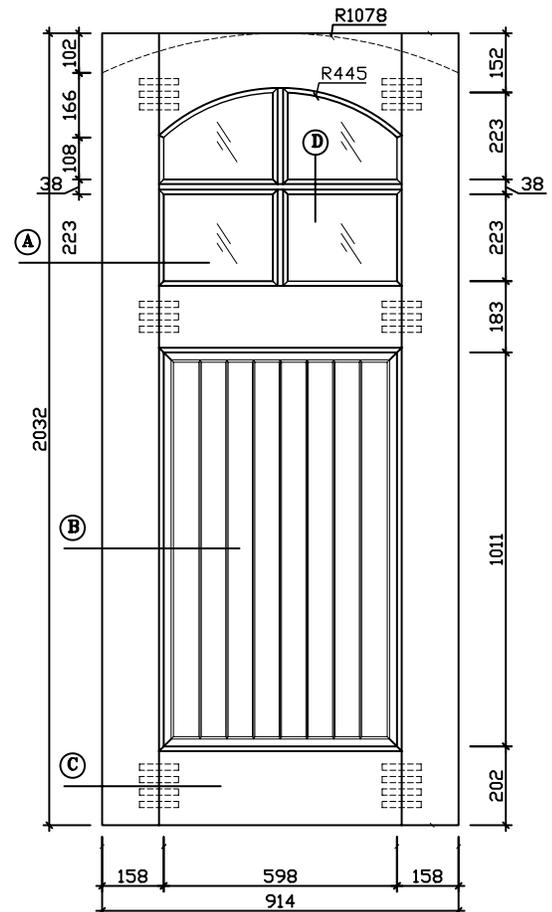
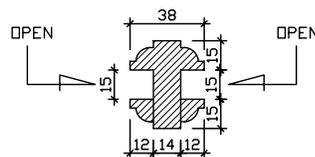
### (C) CROSS SECTION



### (B) CROSS SECTION



### (D) CROSS SECTION



\* All specifications, product designs and information listed are subject to change without prior notice. We are constantly improving our products, and these improvements may cause us to change the specifications listed.

# Pre-hung Unit and DP Information

The chart below lists rough opening dimensions and “DP” design pressure ratings for all of our standard “inswing” entryway configurations. Most of these entryway configurations have been approved by state regulatory entities for use in windstorm areas. Note that the “rough opening size” listed below is a “tight” size, and is for reference only. Your installer may wish to add to these rough opening sizes. It is important to measure your pre-hung entryway unit upon arrival at the jobsite, and to construct the opening to fit the individual entryway unit. “Inswing” and “outswing” units have the same rough opening size.

The DP ratings shown below apply to “inswing” entryways which use our Estancia doors, our Portobello doors, and our TDL doors. For DP ratings on “Outswing” entryways, please refer to our web site. These ratings do NOT apply to our Legacy Series mahogany entryways, or door slabs of any series. Our Buffalo Forge Series entryways and our decorative Steel Inserts have also been approved, and our Fiberglass Doors are Impact Approved. Please refer to our web site at [www.glasscraft.com](http://www.glasscraft.com) for more information on these products.

In the chart below, “N/A” means that the product is not available OR the product configuration has not been tested for a DP Rating. For the most up-to-date information and test results for “outswing” entryways, please check your state regulatory website and/or our GlassCraft company website at [www.glasscraft.com](http://www.glasscraft.com).

		Inswing Entry Units with 6’8” Tall Doors				Inswing Entry Units with 8’0” Tall Doors					
		32” x 6-8 door		36” x 6-8 door		32” x 8-0 door		36” x 8-0 door		42” x 8-0 door	
		DP Rating	Rough Opening Size	DP Rating	Rough Opening Size	DP Rating	Rough Opening Size	DP Rating	Rough Opening Size	DP Rating	Rough Opening Size
	single door	+47.2/-51.4 +47.1/-61.6 (TDL only)	34.25” x 82.5”	+47.2/-51.4 +47.1/-61.6 (TDL only)	38.25” x 82.5”	+47.2/-51.4	34.25” x 98.5”	+47.2/-51.4	38.25” x 98.5”	+47.2/-51.4	44.25” x 98.5”
	arch top single door	N/A	34.25” x 82.5”	N/A	38.25” x 82.5”	N/A	34.25” x 98.5”	N/A	38.25” x 98.5”	N/A	44.25” x 98.5”
	round top single door	N/A		N/A		N/A	34.5” x 99.25”	N/A	38.5” x 99.25”	N/A	44.5” x 99.25”
	door and 12” sidelite	+36.2/-45.7	47.75” x 82.5”	+47.2/-51.4	51.75” x 82.5”	+36.2/-45.7	47.75” x 98.5”	+36.2/-45.7	51.75” x 98.5”	N/A	57.75” x 98.5”
	door and 14” sidelite	+47.1/-61.6 (TDL only)	49.75” x 82.5”	+47.1/-61.6 (TDL only)	53.75” x 82.5”		49.75” x 98.5”		53.75” x 98.5”		59.75” x 98.5”
	door and 2-12” sidelites	+36.2/-45.7	61.25” x 82.5”	+36.2/-45.7	65.25” x 82.5”	+36.2/-45.7	61.25” x 98.5”	+36.2/-45.7	65.25” x 98.5”	N/A	71.25” x 98.5”
	door and 2-14” sidelites	+47.1/-61.6 (TDL only)	65.25” x 82.5”	+47.1/-61.6 (TDL only)	69.25” x 82.5”		65.25” x 98.5”		69.25” x 98.5”		75.25” x 98.5”
	door, 2-12” sidelites, rectangular transom	+36.2/-45.7	N/A	+36.2/-45.7	65.25” x 96”	+36.2/-45.7	N/A	+36.2/-45.7	65.25” x 112”	N/A	
	door, 2-14” sidelites, rectangular transom		65.25” x 98”		69.25” x 98”		65.25” x 114”		69.25” x 114”		
	door, 2-12” sidelites, elliptical transom	+36.2/-45.7	N/A	+36.2/-45.7	65.25” x 101.25”	+36.2/-45.7	N/A	+36.2/-45.7	65.25” x 117.25”	N/A	
	door, 2-14” sidelites, elliptical transom		65.25” x 101.25”		69.25” x 103.25”		65.25” x 117.25”		69.25” x 119.25”		
	door, 2-12” sidelites, segment head transom	+36.2/-45.7	N/A	+36.2/-45.7	65.25” x 103-3/8”	+36.2/-45.7	N/A	+36.2/-45.7	65.25” x 119-3/8”	N/A	
	door, 2-14” sidelites, segment head transom		65.25” x 103-3/8”		69.25” x 104.5”		65.25” x 119-3/8”		69.25” x 120.5”		
	door, 2-12” sidelites, half round transom	+36.2/-45.7	N/A	+36.2/-45.7	65.25” x 115.5”	+36.2/-45.7	N/A	+36.2/-45.7	65.25” x 131.5”	N/A	
	door, 2-14” sidelites, half round transom		65.25” x 115.5”		69.25” x 117.5”		65.25” x 131.5”		69.25” x 133.5”		
	double door	+36.2/-45.7 +44.2/-55.7 (TDL only)	66.75” x 82.5”	+36.2/-45.7 +44.2/-55.7 (TDL only)	74.75” x 82.5”	+36.2/-45.7	66.75” x 98.5”	+36.2/-45.7	74.75” x 98.5”	N/A	86.75” x 98.5”
	arch top double door	N/A		N/A		+50.0/-50.0	66.75” x 98.5”	+50.0/-50.0	74.75” x 98.5”	N/A	
	TDL arch top double	N/A		N/A		+45.0/-40.0 (TDL only)		+45.0/-40.0 (TDL only)			
	round top double door	N/A		N/A		N/A		+50.0/-45.0	75.25” x 99.25”	N/A	
	double door, elliptical transom	N/A		+36.2/-45.7	74.75” x 103.25”	N/A		+36.2/-45.7	74.75” x 119.25”	N/A	
	double door, segment head transom	N/A		+36.2/-45.7	74.75” x 106.5”	N/A		+36.2/-45.7	74.75” x 122.5”	N/A	
	double door, half round transom	N/A		+36.2/-45.7 +44.2/-55.7 (TDL only)	74.75” x 120.25”	N/A		+36.2/-45.7	74.75” x 136.25”	N/A	

# Wood Door Pre-hung Rough Openings & Design Pressure Unit Information

The charts presented here list rough opening dimensions and “DP” Design Pressure ratings for all of our standard “inswing” entryway configurations for our Premium Wood Doors. Most of these entryway configurations have been approved by state regulatory entities for use in windstorm areas. Note that the “rough opening size” listed below is a “tight” size, and is for reference only. Your installer may wish to add to these rough opening sizes. We also list the Unit Size or the actual size of the entryway. Please note that this Unit Size is nominal.....the actual size will vary. It is important to measure your pre-hung entryway unit upon arrival at the job site, and to construct the opening to fit the individual entryway unit.

Please note that entryways with TDL sidelites and/or TDL transoms have not been tested for DP Ratings and windstorm approvals, and therefore the ratings below do not apply to these entryways. Single TDL Doors, and Arch Top Double TDL Doors have been tested and are approved.

In these charts, “N/A” means that the product is not available OR the product configuration has not been tested for a DP Rating. For the most up-to-date information and test results for “outswing” entryways, please check your state regulatory website and/or our GlassCraft company website at [www.glasscraft.com](http://www.glasscraft.com).

		<b>Inswing Entry Units with 6'8" Tall Doors</b>								
		<b>32" x 6-8 door</b>			<b>36" x 6-8 door</b>			<b>42" x 6-8 door</b>		
		<b>DP Rating</b>	<b>Rough Opening Size</b>	<b>Unit size*</b>	<b>DP Rating</b>	<b>Rough Opening Size</b>	<b>Unit size*</b>	<b>DP Rating</b>	<b>Rough Opening Size</b>	<b>Unit size*</b>
	single door	+47.2/-51.4	34-1/4 x 82-1/2	33-1/2 x 82	+47.2/-51.4	38-1/4 x 82-1/2	37-1/2 x 82	N/A	44-1/4 x 82-1/2	43-1/2 x 82
	arch top single door	N/A	34-1/4 x 82-1/2	33-1/2 x 82	N/A	38-1/4 x 82-1/2	37-1/2 x 82	N/A	44-1/4 x 82-1/2	43-1/2 x 82
	round top single door	N/A			N/A			N/A		
	door and 12" sidelite	+36.2/-45.7	47-3/4 x 82-1/2	47 x 82	+36.2/-45.7	51-3/4 x 82-1/2	51 x 82	N/A	57-3/4 x 82-1/2	57 x 82
	door and 14" sidelite		49-3/4 x 82-1/2	49 x 82		53-3/4 x 82-1/2	53 x 82	N/A	59-3/4 x 82-1/2	59 x 82
	door and 2-12" sidelites	+36.2/-45.7	61-1/4 x 82-1/2	60-1/2 x 82	+36.2/-45.7	65-1/4 x 82-1/2	64-1/2 x 82	N/A	71-1/4 x 82-1/2	70-1/2 x 82
	door and 2-14" sidelites		65-1/4 x 82-1/2	64-1/2 x 82		69-1/4 x 82-1/2	68-1/2 x 82	N/A	75-1/4 x 82-1/2	74-1/2 x 82
	door, 2-12" sidelites, rectangular transom	+36.2/-45.7	N/A		+36.2/-45.7	65-1/4 x 96	64-1/2 x 95-1/2	N/A		
	door, 2-14" sidelites, rectangular transom		65-1/4 x 98	64-1/2 x 97-1/2		69-1/4 x 98	68-1/2 x 97-1/2			
	door, 2-12" sidelites, elliptical transom	+36.2/-45.7	N/A		+36.2/-45.7	65-1/4 x 101-1/4	64-1/2 x 100-3/4	N/A		
	door, 2-14" sidelites, elliptical transom		65-1/4 x 101-1/4	64-1/2 x 100-3/4		69-1/4 x 103-1/4	68-1/2 x 102-3/4			
	door, 2-12" sidelites, segment head transom	+36.2/-45.7	N/A		+36.2/-45.7	65-1/4 x 103-3/8	64-1/2 x 102-7/8	N/A		
	door, 2-14" sidelites, segment head transom		65-1/4 x 103-3/8	64-1/2 x 102-7/8		69-1/4 x 104-1/2	68-1/2 x 104			
	door, 2-12" sidelites, half round transom	+36.2/-45.7	N/A		+36.2/-45.7	65-1/4 x 115-1/2	64-1/2 x 115	N/A		
	door, 2-14" sidelites, half round transom		65-1/4 x 115-1/2	64-1/2 x 115		69-1/4 x 117-1/2	68-1/2 x 117			
	double door	+36.2/-45.7	66-3/4 x 82-1/2	66 x 82	+36.2/-45.7	74-3/4 x 82-1/2	74 x 82	N/A	86-3/4 x 82-1/2	86 x 82
	arch top double door	N/A			N/A			N/A		
	TDL arch top double	N/A			N/A			N/A		
	round top double door	N/A			N/A			N/A		
	double door, elliptical transom	N/A			+36.2/-45.7	74-3/4 x 103-1/4	74 x 102-3/4	N/A		
	double door, segment head transom	N/A			+36.2/-45.7	74-3/4 x 106-1/2	74 x 106	N/A		
	double door, half round transom	N/A			+36.2/-45.7	74-3/4 x 120-1/4	74 x 119-3/4	N/A		
	dbl door, 2-12" sidelites, rectangular transom	N/A			+36.2/-45.7	74-3/4 x 96	74 x 95-1/2	N/A		
	dbl door, 2-14" sidelites, rectangular transom	N/A				74-3/4 x 98	74 x 97-1/2			

# Wood Door Pre-hung Rough Openings & Design Pressure Unit Information

<b>Inswing Entry Units with 6'8" Tall Doors</b>				
<b>30" x 6-8 door</b>				
		<b>DP Rating</b>	<b>Rough Opening Size</b>	<b>Unit size*</b>
	single door	+47.2/-51.4	32-1/4 x 82-1/2	31-1/2 x 82
	double door	+36.2/-45.7	62-3/4 x 82-1/2	62 x 82

<b>Inswing Entry Units with 8'0" Tall Doors</b>				
<b>30" x 8-0 door</b>				
		<b>DP Rating</b>	<b>Rough Opening Size</b>	<b>Unit size*</b>
	single door	+47.2/-51.4	32-1/4 x 98-1/2	31-1/2 x 98

<b>Inswing Entry Units with 8'0" Tall Doors</b>										
		<b>32" x 8-0 door</b>			<b>36" x 8-0 door</b>			<b>42" x 8-0 door</b>		
		<b>DP Rating</b>	<b>Rough Opening Size</b>	<b>Unit size*</b>	<b>DP Rating</b>	<b>Rough Opening Size</b>	<b>Unit size*</b>	<b>DP Rating</b>	<b>Rough Opening Size</b>	<b>Unit size*</b>
	single door	+47.2/-51.4	34-1/4 x 98-1/2	33-1/2 x 98	+47.2/-51.4	38-1/4 x 98-1/2	37-1/2 x 98	+47.2/-51.4	44-1/4 x 98-1/2	43-1/2 x 98
	arch top single door	N/A	34-1/4 x 98-1/2	33-1/2 x 98	N/A	38-1/4 x 98-1/2	37-1/2 x 98	N/A	44-1/4 x 98-1/2	43-1/2 x 98
	round top single door	N/A	N/A	N/A	N/A	38-1/2 x 99-1/4	37-3/4 x 98-3/4	N/A	44-1/2 x 99-1/4	43-3/4 x 98-3/4
	door and 12" sidelite	+36.2/-45.7	47-3/4 x 98-1/2	47 x 98	+36.2/-45.7	51-3/4 x 98-1/2	51 x 98	N/A	57-3/4 x 98-1/2	57 x 98
	door and 14" sidelite		49-3/4 x 98-1/2	49 x 98		53-3/4 x 98-1/2	53 x 98		59-3/4 x 98-1/2	59 x 98
	door and 2-12" sidelites	+36.2/-45.7	61-1/4 x 98-1/2	60-1/2 x 98	+36.2/-45.7	65-1/4 x 98-1/2	64-1/2 x 98	N/A	71-1/4 x 98-1/2	70-1/2 x 98
	door and 2-14" sidelites		65-1/4 x 98-1/2	64-1/2 x 98		69-1/4 x 98-1/2	68-1/2 x 98		75-1/4 x 98-1/2	74-1/2 x 98
	door, 2-12" sidelites, rectangular transom	+36.2/-45.7	N/A		+36.2/-45.7	65-1/4 x 112	64-1/2 x 111-1/2	N/A		
	door, 2-14" sidelites, rectangular transom		65-1/4 x 114	64-1/2 x 113-1/2		69-1/4 x 114	68-1/2 x 113-1/2			
	door, 2-12" sidelites, elliptical transom	+36.2/-45.7	N/A		+36.2/-45.7	65-1/4 x 117-1/4	64-1/2 x 116-3/4	N/A		
	door, 2-14" sidelites, elliptical transom		65-1/4 x 117-1/4	64-1/2 x 116-3/4		69-1/4 x 119-1/4	68-1/2 x 118-3/4			
	door, 2-12" sidelites, segment head transom	+36.2/-45.7	N/A		+36.2/-45.7	65-1/4 x 119-3/8	64-1/2 x 118-7/8	N/A		
	door, 2-14" sidelites, segment head transom		65-1/4 x 119-3/8	64-1/2 x 118-7/8		69-1/4 x 120-1/2	68-1/2 x 120			
	door, 2-12" sidelites, half round transom	+36.2/-45.7	N/A		+36.2/-45.7	65-1/4 x 131-1/2	64-1/2 x 131	N/A		
	door, 2-14" sidelites, half round transom		65-1/4 x 131-1/2	64-1/2 x 131		69-1/4 x 133-1/2	68-1/2 x 133			
	double door	+36.2/-45.7	66-3/4 x 98-1/2	66 x 98	+36.2/-45.7	74-3/4 x 98-1/2	74 x 98	N/A	86-3/4 x 98-1/2	86 x 98
	arch top double door	+50.0/-50.0	66-3/4 x 98-1/2	66 x 98	+50.0/-50.0	74-3/4 x 98-1/2	74 x 98	N/A		
	TDL arch top double	+45.0/-40.0			+45.0/-40.0					
	round top double door	N/A			+50.0/-45.0	75-1/4 x 99-1/4	74-1/2 x 98-3/4	N/A		
	double door, elliptical transom	N/A			+36.2/-45.7	74-3/4 x 119-1/4	74 x 118-3/4	N/A		
	double door, segment head transom	N/A			+36.2/-45.7	74-3/4 x 122-1/2	74 x 122	N/A		
	double door, half round transom	N/A			+36.2/-45.7	74-3/4 x 136-1/4	74 x 135-3/4	N/A		
	dbl door, 2-12" sidelites, rectangular transom	N/A			+36.2/-45.7	74-3/4 x 112	74 x 111-1/2	N/A		
	dbl door, 2-14" sidelites, rectangular transom					74-3/4 x 114	74 x 113-1/2			

# Wood Door Finishing, Care & Installation Guidelines

This section includes the following information:

- *Door prefinishing services*
- *Receipt and field-finishing of doors*
- *Installation guidelines and required roof overhang*
- *Maintenance and troubleshooting*

## Wood Door Prefinishing Services

You may order any millwork item factory prefinished, including our complete pre-hung entryways. Prices are listed in our various price lists for each catalog, and include pricing for unfinished and prefinished products. Pricing for individual doors, sidelites or transoms are listed on the next page. Ordering your door and millwork prefinished may add to the delivery time required.

**Urethane Finishing Process**—Our environmentally-friendly finishing system utilizes stain-and-seal urethanes. This procedure uses halogen lamp convection ovens, laser temperature controllers and robotic carts on a continuous finishing line. The finished product is applied using a controlled process to ensure a long lasting and consistent product.

**Our Traditional Finish** procedure produces a door with a beautiful, protective urethane finish that promotes long life and beauty, and accentuates the natural beauty and texture of the wood grain. Our experienced finishers apply only the highest quality penetrating stains and clear top coats with UV inhibitors. This ambitious finishing system assures beauty and long-lasting protection. The final top-coat provides a medium gloss finish.

**Our Distressed Finish** procedure produces a door with an antique and distressed appearance. This finish process is hand-applied, and each door will differ in appearance from the next. Similar to our Traditional Finish in stain and urethane top coats, this distressed finish is available in any of our finish colors. The final top-coat provides a medium satin finish.

**Available Stain Colors**—We have six different finish colors available. Please refer to our color guide at [www.glasscraft.com](http://www.glasscraft.com) for more information and photos.

**Available Finish Samples**—We have two “finish tower” samples available—one for mahogany and one for knotty alder. The traditional finish is shown on one side of each tower and the distressed finish is shown on the other side. Each side shows all six finish colors.

In addition, we have inexpensive “finish rings”, one each for mahogany and one for knotty alder. The hardwoods used in the manufacture of doors all vary in color and grain pattern. These differences are inherent in hardwoods, and should not be considered defects.

## Wood Door Field Finishing Guidelines

**All edge surfaces and front and back surfaces must be finished correctly in order to maintain our warranty on the door. Be sure to confirm that the top, bottom, and side edges of the door are finished correctly after the door is trimmed for installation. Failure to properly field-finish a wood door, including all six sides, or failure to install a wood door in an appropriate exposure will result in a voiding of the warranty.**

### Upon Receipt of Door

Inspect your door thoroughly. Immediately check for “squareness” or warp. **DO NOT** cut, fit, or hang any door with any noticeable damage or defects. If any type of problem is found, notify the company from which you purchased the door for further instructions. If you purchased the door directly from GlassCraft, please call our Customer Service department.

### Storage and Handling

- 1) Before installing, allow 24–48 hours for the door to adapt to the general humidity and temperature conditions of your area.
- 2) Doors should always be stored flat, in a clean, dry, well-ventilated room. Protect from dirt, water and abuse. If stored for long periods, doors should be sealed with a high quality sealer or primer.
- 3) Doors should be stored in a dry area, and must not be exposed to abnormal heat, direct sunlight, direct moisture or extreme dryness or humidity.
- 4) Deliver to your building site after the plaster and cement are completely dry. Avoid prolonged exposure to heated or air-conditioned environments prior to finishing.
- 5) If the doors are to be stored on the job site, all ends and edges must be sealed with a wood sealer in order to prevent moisture absorption.
- 6) Doors should always be handled with clean hands or while wearing clean gloves, to prevent dirt and oils from penetrating the wood grains.
- 7) Doors should be lifted and carried, not dragged in order to prevent damage to the wood surface.

# Wood Door Finishing, Care & Installation Guidelines

Continued from previous page

## Individual Product Finishing Costs

The cost for the finishing of a door, sidelite, transom, or jamb unit varies depending upon the products size, type of finish and production time. Suggested Retail Pricing is as follows:

Item	Traditional Finish	Distressed Finish
Doors up to 3' 0" X 6' 8" in size	\$375 each	\$515 each
Doors over 3' 0" X 6' 8" (including 8' 0" high doors)	\$400 each	\$550 each
All sidelites or transom frames or sash	\$275 each	\$375 each

*Refer to the prior three pages for specific finishing cost information for our individual entryway configurations. In addition, more specific prefinishing information is listed for each entryway shown in our catalogs in the individual catalog price list.*

## Preparation for Field-finishing

- 1) Prior to finishing, ensure that the building atmosphere is dried to a normal, interior relative humidity. Ensure that the doors have been allowed to equalize to a stable moisture content.
- 2) Doors must be finished prior to final installation.
- 3) To assure uniform moisture exposure and dimensional control, ALL surfaces must be treated equally. This includes front and back, top, bottom and 2 sides.
- 4) Before preparation and finishing, cut, fit and hang the door. Then remove the door and any hardware prior to finishing. When trimming the door, do not remove more than 1" from the bottom rail and/or 1/2" from the top rail of the door. Do not reduce the width of the door by removing more than 1/2" from either side edge. Removal of more than these amounts from the door will void the warranty.
- 5) Before applying the first finishing coat, sand entire surface lightly to remove handling marks, raised grain or other undesirable blemishes. Use 120 to 180 grit sandpaper, and always sand in the direction of the grain. Spot sanding can cause the finish to appear splotchy.
- 6) After sanding, clean the entire door with a clean cloth to remove all dust or foreign debris. (Avoid caustic or abrasive cleaners).
- 7) Certain species of wood contain chemicals which react unfavorably with certain finishes, causing dark stain spots. Where possible, the finish selection should be tested prior to complete application.
- 8) Avoid very dark stains or dark colored paints on door surfaces exposed directly to sunlight. Dark colors induce warpage.
- 9) Properly finish the entire door. Coat all 6 edges (including top, bottom, sides, and face surfaces) with each application. Adequate drying time between coats must be allowed, as the door must be dry before the next finishing step.

## Exterior Finishing

**Caution:** GlassCraft Door Company does not evaluate all of the available paints, stains or application requirements. Contact your paint dealer for systems best suited for your geographic region. Select only top quality finishes, and follow all of the finish manufacturer's complete instructions.

### Stain-and-Clear Finish

- 1) To color stain and seal, make first coat a stain or stain-and-sealer coat. All stain and clear finishes will perform better if protected from the direct effects of sunlight and moisture weathering, thereby requiring refinishing less frequently.
- 2) Make second coat a top quality sanding sealer or top coat material. Urethane-based finish systems with UV inhibitors are an excellent choice for a door finish. Be sure the door surface to be finished is satisfactory in both smoothness and color after each coat before applying the next coat.
- 3) Lightly sand with 220 to 360 grit sandpaper between each top coat. Remove dust before re-coating.
- 4) Minimum of 3 top coats (in addition to the base stain coat) on all 6 edges is required for proper protection.

### Recommended staining and finishing steps:

- Remove handling marks and final sanding
- Raw wood treated with penetrating wiping stain
- Repeat penetrating wiping stain if required for desired color
- Light sanding if desired
- First coat of sanding sealer or top coat
- Fine sand by hand
- Second coat of top coat
- Fine sand by hand
- Third coat of top coat

### Paint Finish:

- 1) To paint finish your door, use a solvent based primer coat and a compatible solvent based finish coat.
- 2) Sand all surfaces between all coats of primer and finish.
- 3) A minimum of three top coats on all 6 edges is recommended for proper protection.

Continued on next page

# Wood Door Finishing, Care & Installation Guidelines

Continued from previous page

## Installation Suggestions and Required Roof Overhang

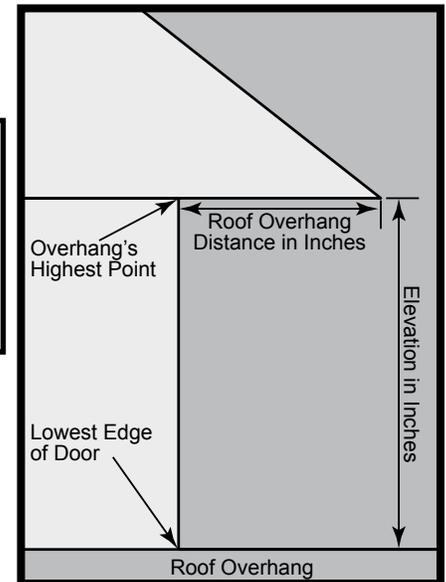
- 1) The utility or structural strength of the door must not be impaired in fitting to the opening, in applying hardware or other detailing.
- 2) Use a minimum of one hinge for each 30" of door height on all exterior doors. When using three or more hinges, they are to be equally spaced. Standard height (6'8") doors require three (3) hinges. Extra height (8'0") doors require four (4) hinges. Quality ball-bearing hinges are recommended for superior service in these hardwood door applications.
- 3) Clearances between door edges and door frame should be a minimum of 1/16" on the hinge edge, and 1/8" on the latch edge and top rail.
- 4) All hardware locations, preparations for hardware and methods of hardware attachment must be appropriate for the specific door construction.
- 5) Apply the sealer, primer or first coats of the required finish immediately after fitting, cutting for hardware, weatherstripping, etc. Be sure to finish all surfaces of the door, including those surfaces milled for the hardware prior to installation of the hardware. Also be sure to finish the top and bottom edges of the door, as well as the sides of the door, prior to installation.
- 6) Damage caused by failure to comply with this Wood Exterior Entry and Finishing Information section, failure to perform normal homeowner maintenance, or by attempts other than by GlassCraft to repair the door will void the GlassCraft warranty.
- 7) The door or entryway system must be installed in a protected opening with adequate roof overhang to protect the door and entryway. Damage may result from exposure due to installation in an unprotected opening, such as an installation without sufficient roof overhang protection. This will cause the door and/or entry system to be exposed to an unusual amount of direct sunlight and/or precipitation, which will result in the failure of the door or entryway. This damage is specifically not covered by GlassCraft's warranty.

## Required Roof Overhang

**Please refer to this information to ensure that your installation will provide the correct amount of protection for your wood door.**

An adequate roof overhang (see drawing at right) is one in which the roof overhang projects out a distance from the structure no less than one-half of the elevation difference between the lowest edge of the door and the base of the overhang's highest point above the entryway. This calculation is shown at right.

$$\frac{\text{Roof Overhang}}{\text{Overhang distance}} = 0.5 \text{ or greater}$$



## Maintenance and Troubleshooting

If you maintain your door properly, it will give you years of enjoyment. The most important single method to ensure the door's longevity is to apply a high quality stain and finish. We recommend that only top quality finishes specifically produced for exterior applications be selected.

**Quality of the Finish:** Stain-and-clear finishes perform better if protected from direct sunlight, moisture and other weathering conditions. Refinishing will be required less frequently if a proper finish is initially added to the door. Some finishes on exterior doors deteriorate relatively quickly with exposure to the environment. In order for your exterior door to continue receiving the protection required, inspect the condition of the exterior finish at least twice a year and refinish as often as needed to maintain the protective integrity of the finish. If required refinishing is not completed as needed, you will allow moisture to enter the wood in the door. This will cause the door to warp or crack, and will void any warranty claims. Inspect the finish on all six sides of the door.

**Binding or Sticking of the Door:** Ensure that the door(s) continues to swing freely, does not bind in the frame, and that all hardware remains completely functional. If the door begins to stick or bind in the door frame, sand the edge of the door (use an electric sander or a hand plane) to trim the door so that it does not bind or stick. Be sure to refinish the newly sanded exposed area. Usually, it takes as long as one year for a wood door to acclimate to its installation surroundings.

**Cleaning the Door:** Cleaning of the door is best performed by simply dusting the interior and exterior of the door using a soft, clean cloth. If required, a very mild soap and water solution may be needed to remove dirt from the door. Do not use any abrasive detergent or solvent based product, as these products will harm the quality of the finish.

**White or Unfinished Lines** around the edges of the panel are caused by the normal contraction and expansion of the "free floating" panels in the doors, due to varying climatic conditions such as dry or hot weather. If the panels were nailed in place, they would crack during these conditions. Use a standard wood stain to touch-up and eliminate this line.

Continued on next page

# Wood Door Finishing, Care & Installation Guidelines

Continued from previous page

## How to Measure a Warped Door Panel

The terms Bow, Cup and Twist are all terms used to describe a warped door panel. A Bow is a curvature along the door height. A Cup is a curvature across the door width and a Twist is when one corner is distorted out of the plane of the other three corners.

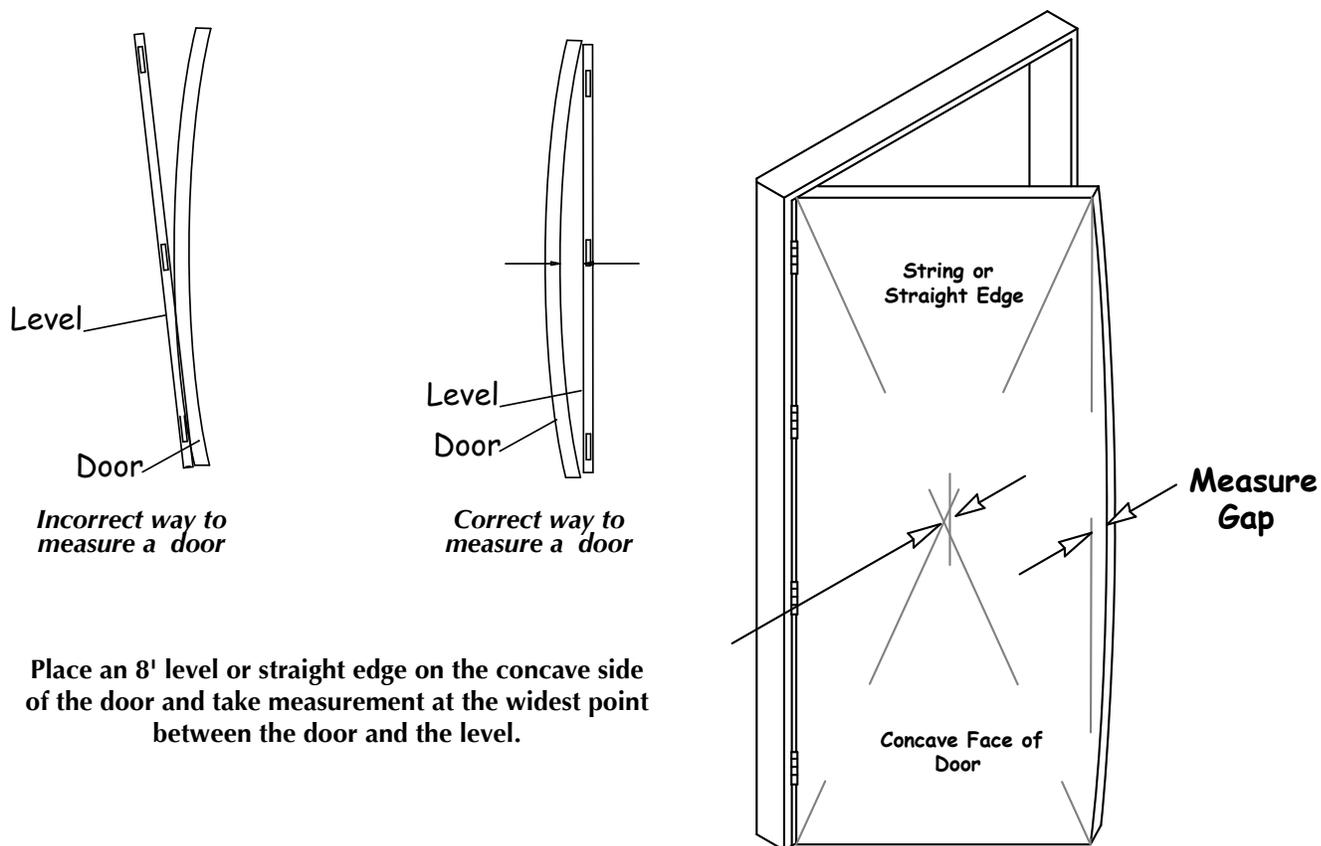
To inspect a door for warp, with an 8'-0" level or straight-edge measure the concave face of door – diagonally, horizontally or vertically. Measure at the point of maximum distance between the level or straight-edge and the face of the door. The door must be open when taking measurements and should not be measured in relationship to the door frame.

GlassCraft Warranty allows for a warp of up to  $\frac{1}{4}$ " in any plane of the door for any 6'8" tall door up to 36" wide, and a warp of up to  $\frac{1}{2}$ " in any plane of the door for doors taller than 6'8" and up to 8'0" tall and up to 42" wide. Doors wider and/or taller are not covered by a warranty against warping.

There are many reasons a door can become warped, such as relative humidity, temperature range, improper handling, stacking and storage. For more information on preventing warping please refer to our finishing, installation, maintenance and warranty information provided by GlassCraft.

Door should be open when measuring for warping. A door may not fit into the frame properly but is not warped. In these cases, check the frame installation as the frame may not be set plumb, level and square and the jamb should be in alignment.

Action on any claim for warp may be deferred for up to the full period of the warranty to permit doors to acclimate to temperature and humidity conditions.



# Wood Door Finishing, Care & Installation Guidelines

## Traditional Finishing Kit



Stain

Top Coat

*Packed and shipped with 1 qt. size jug of Stain, Top Coat, ScotchBrite® sanding pad, and instruction guide*

## Distressed Finishing Kit



Stain

Top Coat

Glaze

*Packed and shipped with 1 qt. size jug of Stain, Top Coat, Glaze, ScotchBrite® sanding pad, and instruction guide.*

Cinnamon Red Traditional	# GCRKCRT	\$49.95
Canyon Brown Traditional	# GCRKCBT	\$49.95
Burgundy Cherry Traditional	# GCRKBCT	\$49.95
Sierra Brown Traditional	# GCRKSBT	\$49.95
Winter White Traditional	# GCRKWWT	\$49.95
Natural* Traditional	# RKCLRSTC	\$31.95

Cinnamon Red Distressed	# GCRKCRD	\$79.95
Canyon Brown Distressed	# GCRKCBD	\$79.95
Burgundy Cherry Distressed	# GCRKBCD	\$79.95
Sierra Brown Distressed	# GCRKSBD	\$79.95
Winter White Distressed	# GCRKWWD	\$79.95
Natural* Distressed	# GCRKBD	\$56.95

Please note: Natural\* Traditional and Distressed finish kits will not include a Stain; Do not use kits that are more than 1 year old.

**To order the finishing kits:** Email [orderentry@glasscraft.com](mailto:orderentry@glasscraft.com), or call 713-690-8282.

## Maintain your Investment and Protect your Door

Wood door finishing kits can be used to stain and finish a raw wood door or to refinish a previously finished door. The kits are shipped with a scotch brite sanding pad and qt. size jugs containing enough stain and top coat to finish one complete 3'0" x 8'0" door on all 6 sides. .

Be sure the door surface to be finished is satisfactory in both smoothness and color after each coat before applying the next coat. Lightly sand with 220 to 400 grit sandpaper between each top coat. Remove dust before recoating.

Apply a minimum of 3 top coats (in addition to the base stain coat) on all 6 edges as required for proper protection.

Please read and follow all manufacturer's instructions and product labels before using any GlassCraft Door Company Finishing Kit.

You may visit [www.glasscraft.com](http://www.glasscraft.com) or refer to the complete instruction guide that goes with your order of GlassCraft's wood finishing kits.

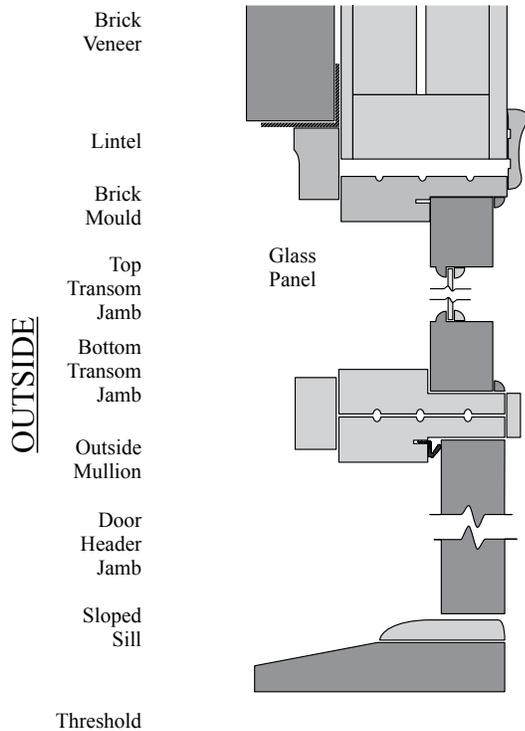
Please bear in mind that all stain and clear finishes will perform better if protected from the direct effects of sunlight, moisture and weathering, thereby requiring less frequent refinishing.

**Order the finishing kits** by Sending an email to [orderentry@glasscraft.com](mailto:orderentry@glasscraft.com), or calling 713-690-8282.

# Wood Door Finishing, Care & Installation Guidelines

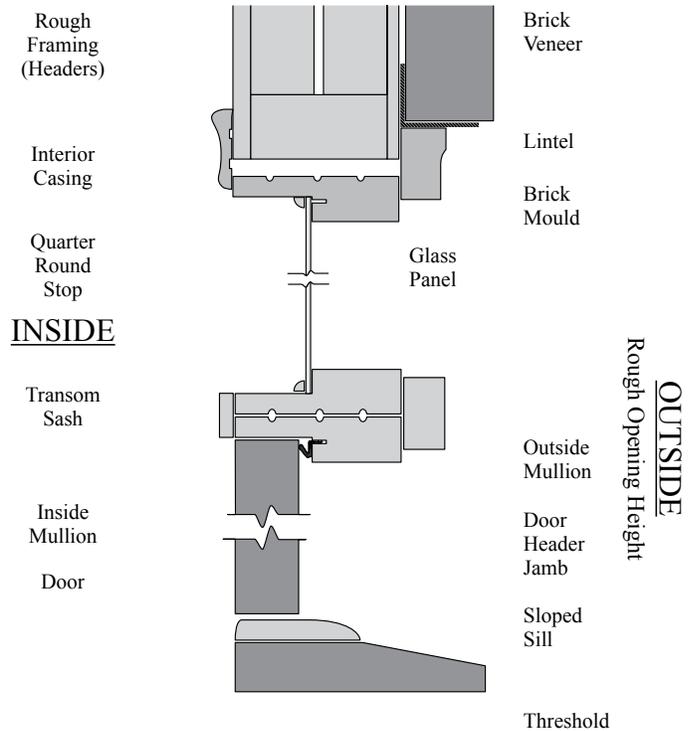
## Jamb Section—Door and Sash-Set Transom

Brick Veneer, Drywall, & Brick Mould  
View from Side



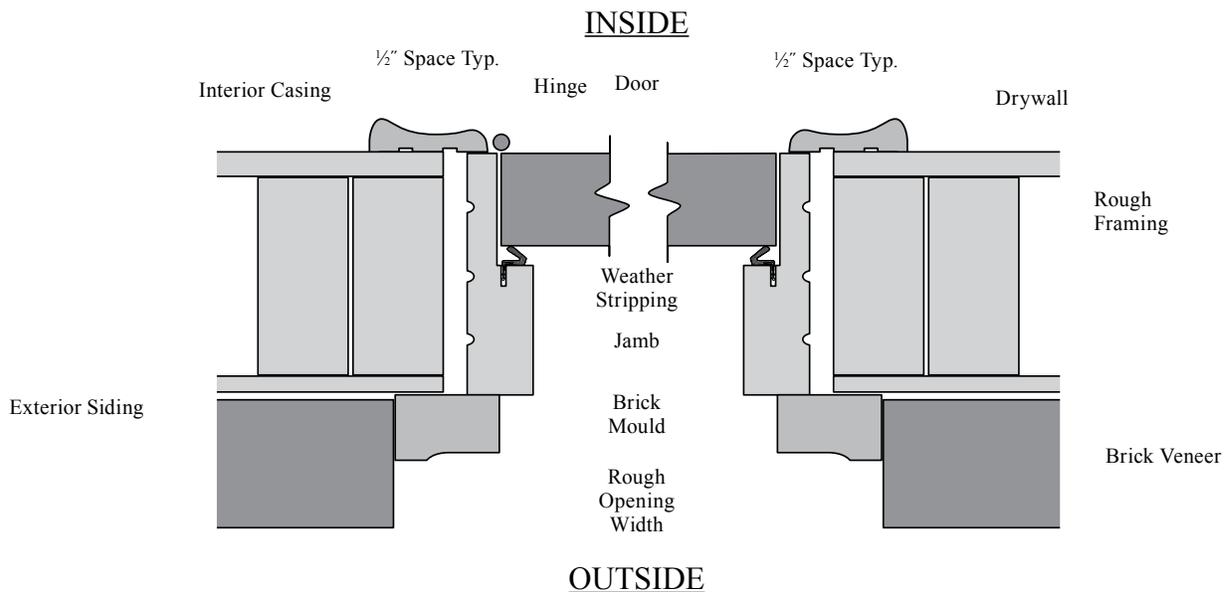
## Jamb Section—Door and Direct-Set Transom

Brick Veneer, Drywall, & Brick Mould  
View from Side



## Jamb Section—Single Door Entry

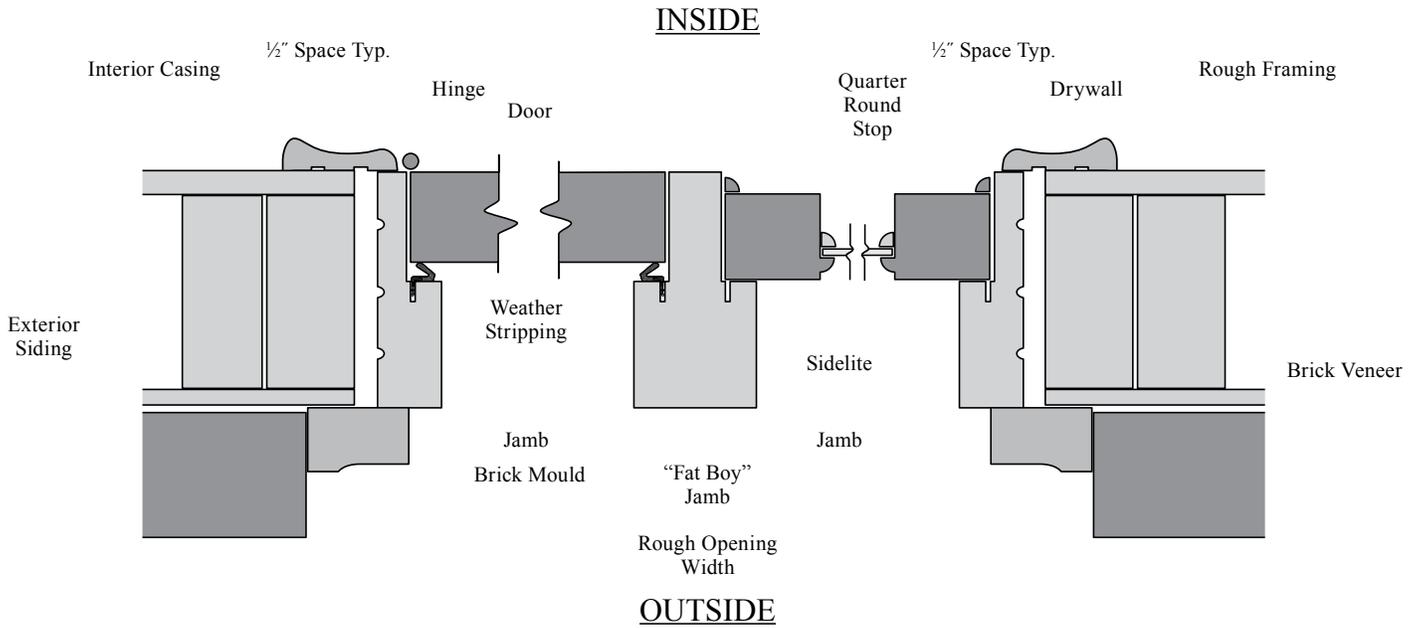
Brick Veneer, Drywall, & Brick Mould  
View from Top



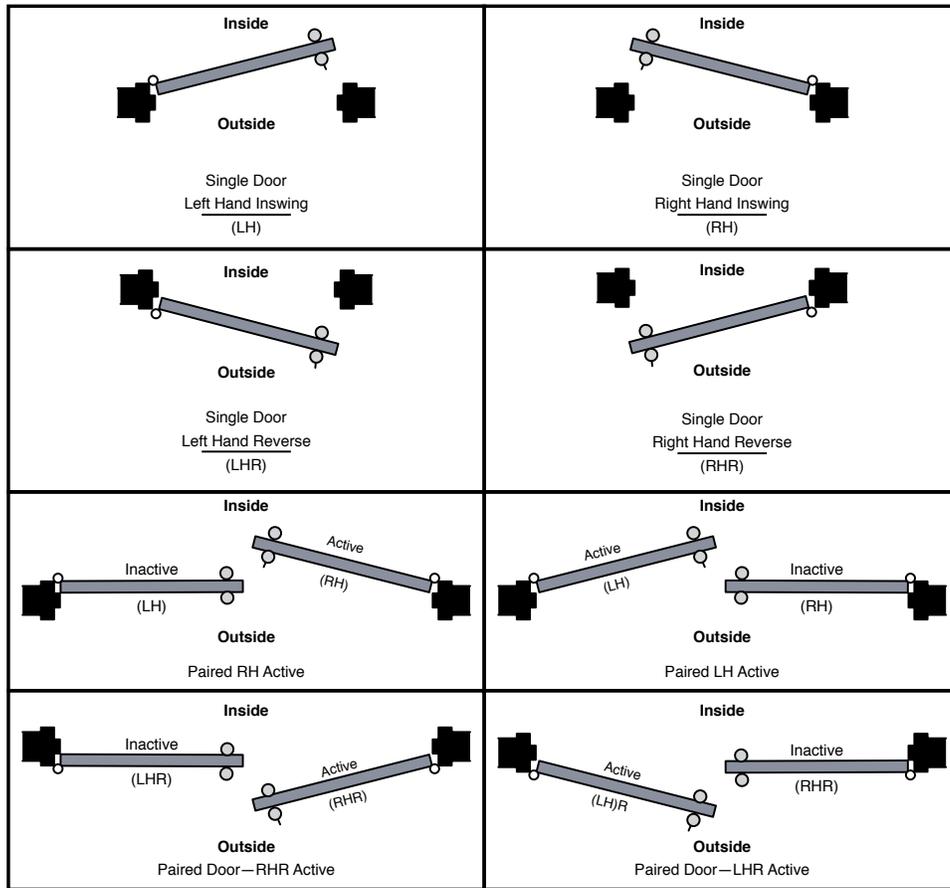
# Wood Door Finishing, Care and Installation Guidelines

## Jamb Section—Single Door with Sidelite Entry

Brick Veneer, Drywall, & Brick Mould  
View from Top



## Standard Door Handing Chart



Indicates Entry or Keyed Side of Door (Active Door of Pair)

## Unfinished Wood Entryways or Wood Door Slabs with or without Decorative Glass and / or Wrought Iron

### Our Warranty to you...

GlassCraft Unfinished Wood Door slabs and entryways are designed to create lasting value and beauty for your home, and this warranty is effective for all unfinished wood door slabs and systems sold by GlassCraft on or after January 1, 2011 for use in the United States. Any previous warranties will continue to apply to door products manufactured by us prior to this date. For additional information, including care and maintenance, installation and finishing instructions, or to report a warranty claim, see your dealer or refer to [www.glasscraft.com](http://www.glasscraft.com).



We warrant that, subject to the conditions and exclusions stated below, each unfinished wood door or its glass panel or wrought iron grill will be free from defects in material and workmanship which would render the product unfit for normal and recommended use and service when correctly finished and installed in the continental USA. GlassCraft Door Company ("GlassCraft") warrants this product only to the first purchaser of the product for purposes other than resale, or to the original purchaser of the residence into which such door is installed. This warranty covers defects which become evident during the period outlined below, provided that the owner gives written or electronic notice of the defects to GlassCraft Door Company, 2002 Brittmooore, Houston, Texas 77043, within the applicable time period. This warranty constitutes the sole and exclusive warranty offered by GlassCraft Door Company: it is not transferable, and no dealer, distributor, or representative of GlassCraft has the authority to modify or expand this warranty.

### Wood doors without factory finish

GlassCraft Door Company offers a limited warranty for one (1) year for all unfinished wood doors and/or entryways from the date of first purchase from GlassCraft of the product; this warranty assuring that product, for this period, is of good material and workmanship and free from defects that would render the product unserviceable or unfit for the ordinary, recommended use. The following shall not be considered defects in material or workmanship, and are not covered by this warranty:

1. Damage caused by improper finishing of the door or entryway; failure to comply with finishing, installation, maintenance, and warranty information provided by or available from GlassCraft, failure to perform normal homeowner maintenance, or by attempts other than by GlassCraft to repair the door. All 6 sides (front, back, edges, top and bottom) of the door must be properly finished and maintained.
2. Warp of up to ¼" in any plane of the door for any 6'8" tall door up to 36" wide. Warp of up to ½" in any plane of the door for doors taller than 6'8" and up to 8 foot tall and up to 42" wide. Doors wider and/or taller are not warranted against warp. Surface checks in the doors that are less than 1/8" in width or less than 2" in length are not warranted. A bow or nonalignment in the frame or jamb in which the door is hung is not covered.
3. Normal wear of the door, the natural variation in wood colors or texture, and the physical appearance of the door are not covered. Appearance or performance of a knot in any alder door is not covered.
4. Glass breakage or glass damage for any reason. The physical appearance of a glass panel is not covered by this warranty.
5. Rusting or metal deterioration or appearance of wrought iron.
6. Damage caused beyond the control of GlassCraft, including but not limited to damage caused by misuse, abuse, accident, or mishandling, or by fire, flood, earthquake, hurricane, storm, tornado, or other acts of nature. In addition, water penetration due to pressurized water application from a water hose or sprinkler systems is not covered. Leakage in any door around a "speakeasy" door opening is not covered. Or damage resulting from the installation of a storm door with the GlassCraft wood door.
7. Damage resulting from reducing the height of the door by removing more than 1" from the bottom rail and/or 1/2" from the top rail of the door or reducing the width of the door by removing more than 1/2" from either side edge.
8. Wood Panel movement or shrinkage.
9. Damage resulting from exposure due to installation in an unprotected opening, such as an installation without sufficient roof overhang protection, which causes the door to be exposed to an excessive amount of direct sunlight and/or precipitation. Minimum sufficient roof overhang may be defined as a distance of not less than one-half of the height elevation measured from the bottom of the door to the bottom of the overhang at the point that the overhang is furthest from the door or entry. The width of the overhang and/or

placement and size of entryway side walls are also very important to adequately protect the entryway. Depending upon the installation application, this overhang may need to be greater than this minimum overhang.

### **Glass Panels & Wrought Iron Grilles**

GlassCraft Door Company does not warrant any product against glass breakage or glass damage for any reason. The following Glass Panel warranty shall be void if the unit has not been stored, installed, and maintained in a good and workmanlike manner, or if the damage is resulting from exposure due to installation in an unprotected opening, such as an installation without sufficient roof overhang protection, which causes the door and glass panel to be exposed to an unusual amount of direct sunlight and/or precipitation. (See #9 above for more information on "roof overhang protection").

**"IG" Insulated Glass Panels** Your Insulated Glass panel, for a period of 5 years from the date of purchase, is warranted against any material obstruction of vision through the Unit due to the accumulation of dust, moisture, or film on the internal surface of the glass caused by failure of the Unit's edge seal due to defects in material or workmanship, under normal conditions. This warranty shall be void 1) if the unit has not been stored and installed in a good and workmanlike manner, 2) if the Unit is installed in high moisture environments (such as green houses or swimming pool enclosures), or 3) if film, shades, blinds, a storm door, or any foreign materials are used on or near the surface of the Unit.

**Wrought Iron Grilles** GlassCraft Door Company does not warrant any wrought iron product against rusting or metal deterioration, or the appearance of the decorative wrought iron grilles.

### **Claims Procedure and Limit on Remedies**

All warranty claims must be presented as outlined above, within the warranty period. We will not honor warranty claims made prior to payment in full for the warranted product. Upon validation by GlassCraft of any warranty claim, we will (at our option):

- 1) provide a replacement at no cost to the customer, and return it to the customer, FOB GlassCraft in Houston, Tx., or
- 2) refund the purchase price paid for the product by the original purchaser of the product from GlassCraft Door Company, or
- 3) offer a replacement at a cost of 25% of the current list price of the product, and return it to the customer, FOB GlassCraft in Houston, Texas

We reserve the right to inspect any product that is alleged to be defective. GlassCraft may require that the purchaser return the product to GlassCraft in Houston for inspection. Or we may choose send a company or field representative to inspect the product in the field, in which case we must be given at least a thirty-day opportunity to do so. All freight costs to and from GlassCraft for a warranty claim are the responsibility of the purchaser.

THIS CONSTITUTES THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY UNDER ANY CLAIM OR THEORY OF LIABILITY. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ALL IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY, ARE EXCLUDED. GLASSCRAFT SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES OF ANY NATURE INCLUDING, WITHOUT LIMITATION, LABOR COST OF ANY KIND ARISING FROM OR IN CONNECTION WITH AN ALLEGED BREACH OF ANY WARRANTY OR NEGLIGENCE ON THE PART OF GLASSCRAFT DOOR COMPANY. IN NO EVENT SHALL GLASSCRAFT PAY FOR THE COST OF LABOR, INSTALLATION, REMOVAL, DISPOSAL, OR FINISHING OF A REPLACEMENT OR ORIGINAL DOOR OR GLASS PANEL OR FOR ANY OTHER COST RELATING THE REPLACEMENT OF A DOOR OR GLASS PANEL, ALL OF WHICH SHALL BE THE SOLD RESPONSIBILITY OF THE PERSON MAKING THE WARRANTY CLAIM.

This warranty is effective for products sold after January 1, 2011.

## Factory Finished Wood Door and Sidelights With or Without Decorative Glass and /or Wrought Iron

### Our Warranty to you...

GlassCraft Prefinished Wood Door and entryways are designed to create lasting value and beauty for your home, and this warranty is effective for all prefinished wood doors, sidelights, and entry systems (the "product") sold by GlassCraft on or after **January 1, 2011** for use in the United States. Any previous warranties will continue to apply to door products manufactured by us prior to this date. For additional information, including care and maintenance, installation and finishing instructions, or to report a warranty claim, see your dealer or refer to [www.glasscraft.com](http://www.glasscraft.com).



We warrant that, subject to the conditions and exclusions stated below, each prefinished wood door or its glass panel or wrought iron grille will be free from defects in material and workmanship which would render the product unfit for normal and recommended use and service when installed in the continental USA. GlassCraft Door Company ("GlassCraft") warrants this product only to the first purchaser of the product for purposes other than resale, or to the original purchaser of the residence into which such door is installed. This warranty covers defects which become evident during the period outlined below, provided that the owner gives written or electronic notice of the defects to GlassCraft Door Company, 2002 Brittmoore, Houston, Texas 77043, within the applicable time period. This warranty constitutes the sole and exclusive warranty offered by GlassCraft Door Company: it is not transferable; and no dealer, distributor, or representative of GlassCraft has the authority to modify or expand this warranty.

### Wood doors with factory finish

GlassCraft Door Company offers a limited warranty for one (1) year for all factory-finished wood doors and/or entryways from the date of first purchase from GlassCraft of the product; this warranty assuring that each product, for this period, is of good material and workmanship and free from defects that would render the product unserviceable or unfit for the ordinary, recommended use. The following shall not be considered defects in material or workmanship, and are not covered by this warranty:

1. Warp of up to 1/4" in any plane of the door for any 6'8" tall door up to 36" wide. Warp of up to 1/2" in any plane of the door for doors taller than 6'8" and up to 8 foot tall and up to 42" wide. Doors wider and/or taller are not warranted against warp. Surface checks in the doors that are less than 1/8" in width or less than 2" in length are not warranted.
2. Normal wear of the door, natural variation in wood color or texture, and the physical appearance of the door, including the appearance of the finish or fading of the stain color are not covered. Appearance or performance of a wood knot is not covered by this warranty.
3. Glass breakage or glass damage for any reason. The physical appearance of a glass panel is not covered by this warranty.
4. Rusting or metal deterioration or appearance of a wrought iron grille.
5. Damage caused beyond the control of GlassCraft, including but not limited to damage caused by misuse, abuse, accident, or mishandling, or by fire, flood, earthquake, hurricane, storm, tornado, or other acts of nature. In addition, water penetration due to pressurized water application from a water hose or sprinkler systems is not covered. Leakage in any door around a "speakeasy" door opening is not covered. Or damage resulting from the installation of a storm door with the GlassCraft wood door.
6. Damage resulting from reducing the height of the door by removing more than 1" from the bottom rail and/or 1/2" from the top rail of the door or reducing the width of the door by removing more than 1/2" from either side edge.
7. Panel movement or shrinkage. Damage caused by failure to comply with finishing, installation, maintenance, and warranty information provided by GlassCraft, failure to perform normal homeowner maintenance, or by attempts other than by GlassCraft to repair the door.
8. Damage resulting from exposure due to installation in an unprotected opening, such as an installation without sufficient roof overhang protection, which causes the door to be exposed to an excessive amount of direct sunlight and/or precipitation. Minimum sufficient roof overhang may be defined as a distance of not less than one-half of the height elevation measured from the bottom of the door to the bottom of the overhang at the point that the overhang is furthest from the door or entry. The width of the overhang and/or placement and size of entryway sidewalls are also very important to adequately protect the entryway. Depending upon the installation application, this overhang may need to be greater than this minimum overhang.

## **Glass Panels**

GlassCraft Door Company does not warrant any product against glass breakage or glass damage for any reason. The following Glass Panel warranty shall be void if the unit has not been stored, installed, and maintained in a good and workmanlike manner, or if the damage is resulting from exposure due to installation in an unprotected opening, such as an installation without sufficient roof overhang protection, which causes the door and glass panel to be exposed to an unusual amount of direct sunlight and/or precipitation. (See #8 above for more information on "roof overhang protection").

**"IG" Insulated Glass Panels** Your Insulated Glass panel, for a period of five (5) years from the date of purchase, is warranted against any material obstruction of vision through the panel due to the accumulation of dust, moisture, or film on the internal surface of the glass caused by failure of the glass panel's edge seal due to defects in material or workmanship, under normal conditions. This warranty shall be void 1) if the panel is installed in high moisture environments (such as green houses or swimming pool enclosures), or 2) if film, shades, blinds, a storm door, or any foreign materials are used on or near the surface of the panel.

## **Claims Procedure and Limit on Remedies**

All warranty claims must be presented as outlined above, within the warranty period. We will not honor warranty claims made prior to payment in full for the warranted product. Upon validation by GlassCraft of any warranty claim, we will (at our option):

- 1) Provide a replacement at no cost to the customer, and return it to the customer, FOB GlassCraft in Houston, Tx.
- 2) Refund the purchase price paid for the product by the original purchaser of the product from GlassCraft Door Company.
- 3) Provide a replacement at a cost of 25% of the current list price of the product, and return it to the customer, FOB GlassCraft in Houston, Texas.
- 4) In the event that the factory-applied prefinish be proven defective, GlassCraft can choose to refinish the door or entry, or refund up to \$100 to the current owner, or provide a refinish kit at no cost to the homeowner.

We reserve the right to inspect any product that is alleged to be defective. GlassCraft may require that the purchaser return the product to GlassCraft in Houston for inspection. Or we may choose to send a company or field representative to inspect the product in the field, in which case we must be given at least a thirty-day opportunity to do so. All freight costs to and from GlassCraft for a warranty claim are the responsibility of the purchaser.

THIS CONSTITUTES THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY UNDER ANY CLAIM OR THEORY OF LIABILITY. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ALL IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY, ARE EXCLUDED. GLASSCRAFT SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES OF ANY NATURE INCLUDING, WITHOUT LIMITATION, LABOR COST OF ANY KIND ARISING FROM OR IN CONNECTION WITH AN ALLEGED BREACH OF ANY WARRANTY OR NEGLIGENCE ON THE PART OF GLASSCRAFT DOOR COMPANY. IN NO EVENT SHALL GLASSCRAFT PAY FOR THE COST OF LABOR, INSTALLATION, REMOVAL, DISPOSAL, OR FINISHING OF A REPLACEMENT OR ORIGINAL DOOR OR GLASS PANEL OR FOR ANY OTHER COST RELATING THE REPLACEMENT OF A DOOR OR GLASS PANEL, ALL OF WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE PERSON MAKING THE WARRANTY CLAIM.

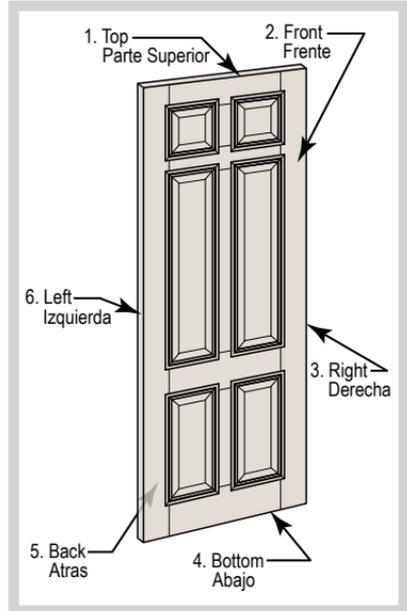
This warranty is effective for products sold after January 1, 2011.

GlassCraft® is a trademark of GlassCraft Door Company.

# IMPORTANT Guidelines



**MUST FINISH ALL SIX** sides of the door prior to installation or your warranty will be void!



**GLASS★CRAFT**  
DOOR COMPANY

## Procedimiento IMPORTANTE

**¡DEBES TRATAR LOS SEIS** lados de la puerta antes de la instalación o la garantía será anulada!



For more warranty information go to  
[www.glasscraft.com/warranty.asp](http://www.glasscraft.com/warranty.asp)

# Care & Finishing for Your Wood Door

## Upon Receipt Of Door

Inspect your door thoroughly. Immediately check for squareness or warp. Do not cut, fit, or hang any door with any noticeable damage or defects. If any type of problem is found, notify the company from which you purchased the door for further instructions.

## Storage & Handling

1. Before installing, allow 24–48 hours for the door to adapt to the general humidity and temperature conditions of your area.
2. Doors should always be stored flat, in a clean, dry, well-ventilated room. Protect from dirt, water, and abuse. If stored for long periods, doors should be sealed with a high quality sealer or primer.
3. Doors should be stored in a dry area, and must not be exposed to abnormal heat, direct sunlight, direct moisture, or extreme dryness or humidity.
4. Deliver to your building site after the plaster and cement are completely dry. Avoid prolonged exposure to heated or air-conditioned environments prior to finishing.
5. If the doors are to be stored on the job site, all ends and edges must be sealed with a wood sealer in order to prevent moisture absorption.
6. Doors should always be handled with clean hands or while wearing clean gloves, to prevent dirt and oils from penetrating the wood grains.
7. Doors should be lifted and carried, not dragged in order to prevent damage to the wood surface.

## Preparation for Finishing

1. Prior to finishing, ensure that the building atmosphere is dried to a normal, interior relative humidity. Ensure that the doors have been allowed to equalize to a stable moisture content.
2. Doors must be completely finished on all 6 sides prior to final installation. **Installation of an unfinished door will void the warranty.**
3. To assure uniform moisture exposure and dimensional control, ALL surfaces must be treated equally. This includes front and back, top, bottom, and 2 sides.
4. Before finishing, cut, fit, and hang the door. Then remove the door and any hardware prior to finishing. When trimming the door, do not remove more than 1" from the bottom rail and/or 1/2" from the top rail of the door. Do not reduce the width of the door by removing more than 1/2" from either side edge. **Removal of more than these amounts from the door will void the warranty.**
5. Before applying the first finishing coat, sand entire surface lightly to remove handling marks, raised grain, or other undesirable blemishes. Use 120 to 180 grit sandpaper, and always sand in the direction of the grain. Spot sanding can cause the finish to appear splotchy.
6. After sanding, clean the entire door with a clean cloth to remove all dust or foreign debris. (Avoid caustic or abrasive cleaners).
7. Certain species of wood contain chemicals which react unfavorably with certain finishes, causing dark stain spots. Where possible, the finish selection should be tested prior to complete application.
8. Avoid very dark stains or dark colored paints on door surfaces exposed directly to sunlight. Dark colors induce warpage.

9. Properly finish the entire door. Coat all 6 edges (including top, bottom, sides, and face surfaces) with each application. Adequate drying time between coats must be allowed, as the door must be dry before the next finishing step.

## Exterior Finishing

**CAUTION:** GlassCraft Door Company does not evaluate all of the available paints, stains or application requirements. Contact your paint dealer for systems best suited for your geographic region. Select only top quality finishes, and follow all of the finish manufacturer's instructions completely.

## Stain-and-Clear Finish

1. To color stain and seal, make first coat a stain or stain-and-sealer coat. All stain and clear finishes will perform better if protected from the direct effects of sunlight and moisture weathering, thereby requiring refinishing less frequently.
2. Make second coat a top quality sanding sealer or top coat material. A urethane-based finish system with UV inhibitors is an excellent choice for a door finish. Be sure the door surface to be finished is satisfactory in both smoothness and color after each coat before applying the next coat.
3. Lightly sand with 180 to 220 grit sandpaper or #0000 steel wool between each top coat. Remove dust before re-coating.
4. Minimum of 3 top coats (in addition to the base stain coat) on all 6 edges is required for proper protection.  
Recommended staining and finishing steps:
  - Remove handling marks and sand with the grain direction
  - Treat raw wood with a penetrating stain
  - Repeat penetrating stain as required for desired color
  - First coat of sanding sealer or top coat
  - Fine sand by hand
  - Second coat of top coat
  - Fine sand by hand
  - Third coat of top coat

## Paint Finish

1. To paint finish your door, use a solvent based primer coat and a compatible solvent based finish coat.
2. Sand all surfaces between all coats of primer and finish.
3. A minimum of three top coats on all 6 edges is recommended for proper protection.

## Jamb and Threshold Guidelines

1. Caulk at sill-to-jamb leg connection.
2. Use corner pads where sill meets jamb.
3. Install door sweep on door.
4. Completely seal bottom edge of door prior to installation of door sweep. We recommend a latex caulk coating on bottom edge of door prior to door sweep attachment.
5. Seal the bottom of the jamb legs with a caulk coating.

# Installation of Your Wood Door

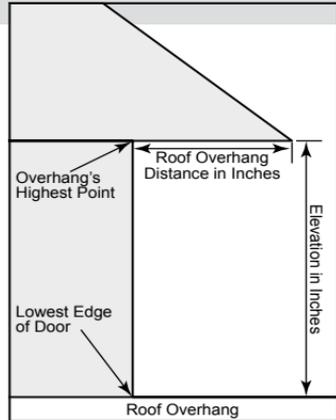
## Installation Guidelines & Roof Overhang

1. Use a minimum of one hinge for each 30 inches of door height on all exterior doors. When using three or more hinges, they are to be equally spaced. Standard height (6'8") doors require three (3) hinges. Extra height (8'0") doors require four (4) hinges. Quality ball-bearing hinges are recommended for superior service in these hardwood door applications. Hinges must be set in a straight line to prevent distortion.
2. Immediately after cutting and fitting (before hanging), seal all cut surfaces and ends of door with an effective quality sealer. See finishing recommendation for finishing guidelines. Apply the sealer, primer, or first coats of the required finish immediately after fitting, cutting for hardware, weatherstripping, etc. Be sure to finish all surfaces of the door, including those surfaces milled for the hardware prior to installation of the hardware.
3. **The door or entryway system must be installed in a protected opening with adequate roof overhang to protect the door and/or entryway. Damage may result from exposure due to installation in an unprotected opening, such as an installation without sufficient roof overhang protection.**
4. Damage caused by failure to comply with appropriate and correct door finishing guidelines, failure to perform normal homeowner maintenance, or by attempts other than by GlassCraft to repair the door will void the GlassCraft warranty.

## Roof Overhang

Adequate roof overhang depends upon the directional exposure (north, south, east or west) of the entryway, and upon the geographic region of the installation. Minimum roof overhang (see drawing at right) is one in which the roof overhang projects out a distance from the structure no less than one-half of the elevation difference between the bottom edge of the door and the base of the overhang's highest point above the entryway. This calculation is shown below.

Distance in inches divided by elevation in inches must equal at least 0.5" or greater.



The width of the overhang and/or placement and size of entryway side walls are also very important to adequately protect the entryway. Depending upon the installation application, this overhang may need to be greater than this minimum overhang.