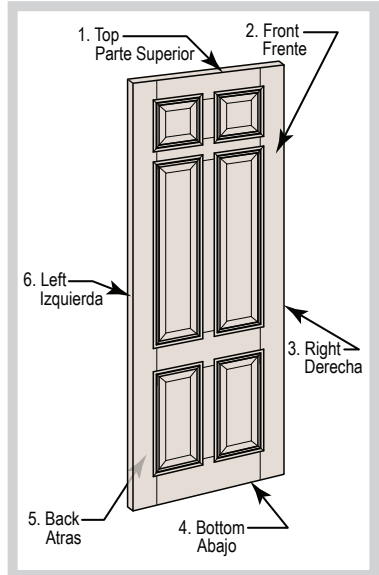


IMPORTANT Guidelines



**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

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 $\frac{1}{2}$ " from the top rail of the door. Do not reduce the width of the door by removing more than $\frac{1}{2}$ " 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

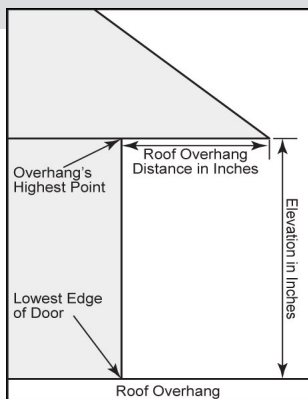
Installation Guidelines & Roof Overhang

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. 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.