

### STORAGE & HANDLING

Improper storage, handling, finishing and installation of wood doors may result in severe damage to the doors. Follow these guidelines to help maintain the high-quality of the product.

1. Allow doors to acclimate for at least 24 hours to local conditions before installation or finishing. Store doors flat on a level surface in a dry, well-ventilated building. Doors should be kept at least 3 1/2" off the floor and should have protective coverings under the bottom door and over the top. Covering should protect doors from dirt, water and abuse, but allow for air circulation under and around the stack. Avoid exposure to direct sunlight.
2. Do not subject interior doors to extremes of heat and/or humidity. Prolonged exposure may cause damage. Buildings where humidity and temperature are controlled provide the best storage facilities (recommended conditions 30%-50% RH and 30°F to 90°F).
3. Do not install doors in buildings that have wet plaster or cement unless they have been properly finished. Do not store doors in buildings with excessive moisture content - HVAC systems should be operating and balanced.
4. Doors should always be handled with clean hands or while wearing clean gloves.
5. Doors should be lifted and carried when being moved, not dragged across one another.

### PREPARE DOOR

1. Inspect slabs prior to hanging them on the job. Repair noticeable marks or defects that may have occurred from improper storage and handling.
2. Field touch-up is the responsibility of the installer and includes filling of exposed nail or screw holes, refinishing of raw surfaces resulting from job fitting, repair of job inflicted scratches and mars, and final cleaning of finished surfaces.
3. When cleaning door surfaces, use a non-abrasive commercial cleaner designed for cleaning wood door or paneling surfaces that does not leave a film residue that would build up or affect the surface gloss of the door finish.
4. Before finishing, hang the door. Then remove to finish properly.

### INSTALLATION

1. The utility or structural strength of the doors must not be impaired in fitting to the opening, in applying hardware, preparing for lights, louvers, plants-on or other detailing.
2. Allow approximately 3/16" clearance on width.
3. Caution must be used to avoid impairing the strength of the door when trimming. Trim no more than 3/16" from each side.
4. Use three hinges on all 1-3/4" solid core doors. Hinges must be set in a straight line to prevent distortion.

5. Jambs and stops must be set square and plumb.
6. Pilot holes must be drilled for all screws that act as hardware attachments. Screws that are threaded to the head are preferable for fastening hardware.

### FINISHING

All six sides of the slab as well as cutouts for hardware must be finished to ensure uniform moisture exposure and dimensional control. Failure to finish as directed may result in denial of warranty claims.

#### Basic Finishing Recommendations

- Use only one manufacturer's products and follow all manufacturer's instructions.
- Certain species of wood contain chemicals that react unfavorably to some finishes or to foreign materials in the finishing system. Where possible, test your finish prior to application.
- Most finishes perform better if protected from sunlight and weathering. If door is exposed to direct sunlight, avoid dark colored finishes. This will reduce the chance of warping, veneer checking or sunburn.
- Choose a top coat that is appropriate for the application such as a door or trim paint.
- Multiple light coats are better than one heavy coat. Be sure the door surface being finished is satisfactory in both smoothness and color after each coat. Allow adequate drying time between coats.

#### Finish Door

1. Door must be clean, dry and free from dust, dirt, mildew and other contaminants. Areas of door lacking primer should be lightly sanded with 220-grit sandpaper, cleaned and then spot-primed with a latex-acrylic primer. Re-priming the entire door is not recommended.
2. Clean entire door with a cloth, removing all dust and foreign debris. (Avoid caustic or abrasive materials.)
3. Paint with at least two topcoats of good quality water-based acrylic latex paint.

### ADJUSTMENT & MAINTENANCE

1. Ensure that all doors swing freely and do not bind in their frame. Adjust the finish hardware for proper alignment, smooth operation and proper latching without unnecessary force or excessive clearance.
2. Periodically inspect all doors and hardware (at least once a year, more often in harsh climates) for wear, damage and natural deterioration. Repair, refinish or replace product as necessary and adjust all hardware to ensure that it continues to function as it was originally intended.

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