



CARE, HANDLING & FINISHING INSTRUCTIONS

Storage & handling

1. Store doors on a flat level surface, in a dry, well-ventilated building. Relative Humidity must be kept within the range of 25% - 60%. Keep doors a minimum of 100mm (4") off the floor. Maintain a protective covering that protects from moisture, direct sunlight and abuse, yet allows for air circulation. For storage beyond 5 days, doors must be sealed on all 6 sides with a non water based sealer or primer.
2. Doors shall not be exposed to excessive heat, moisture, dryness or direct sunlight.
3. Handle doors with clean hands or while wearing clean gloves. Doors must be lifted and carried when being moved, not dragged across one another or any other surface.

Installation

For installation of Rated doors; also see Installation Instructions for Various (20, 45, 60, 90MIN) Rated Wood Doors & Frames

1. Do not install doors in buildings that have wet plaster or cement unless they have been properly finished. HVAC systems should be operating and balanced.
2. Before installation allow doors to acclimatize for a least 72 hours to the finished building conditions
3. Clearance between door edges and door frame shall be between 1.5mm & 3mm on the hinge edge, and between 2.5mm & 4mm on the latch edge and top rail.
4. All hardware locations, preparations and methods of attachment must be appropriate for the specific door construction. Templates for specific hardware preparation are available from hardware manufacturers or their distributors. Pilot holes must be pre-drilled for all screws that act as hardware attachments.
5. The utility or structural strength of the doors must not be impaired in fitting to the opening, in applying hardware, in preparing for lights, louvers, plant-ons or any other detailing.
6. Apply the sealer, primer, or first coats of the required finish, on doors, immediately after fitting, cutting for hardware, etc., and before the installation of any hardware.
7. Doors and frames must be installed plumb, square and level.
8. If non-rated doors must be fitted for height, trim top or bottom edge by a maximum of 19mm (3/4").
9. 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 necessary force or excessive clearance.

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Finishing

1. Prior to finishing, insure that the building atmosphere is dried to a normal relative humidity, and that the doors have been allowed to equalize to stable moisture content.
2. Wood is hygroscopic, and dimensionally influenced by changes within its surrounding environment. To assure uniform moisture exposure, and dimensional control, all surfaces must be finished equally.
3. Wood doors must not be considered ready for finishing when initially received. Before finishing, remove all handling marks, raised grain, scuffs, burnish and other undesirable blemishes by block sanding all surfaces in a horizontal position with a 150, 180 or 220 grit sandpaper. To avoid cross grain scratches, sand with the grain.
4. Certain species particularly oak, contain chemicals which react unfavorably with certain finishes causing dark stain spots. Where possible, the species/finish combination should be tested prior to finishing the doors. Notify your finish supplier, or door supplier immediately if any undesirable reaction is noticed. Do not continue with the finishing until the problem is resolved. Delta Door can not be held responsible for these reactions.
5. In order not to induce warpage, avoid dark stains or dark colored paints on door surfaces exposed directly to sunlight, the same consistency of finish must be applied on both sides of the door.
6. In order to prevent blemish magnification, avoid extremely dark stains on light colored wood species.
7. Water based sealer or prime coats should not be used. Water based top coats should only be used over surfaces that have been completely sealed with a non-water based sealer or primer.
8. A thinned coat of sanding sealer should be applied prior to staining, this will promote a uniform appearance and avoid sharp contrasts in color or a blotchy appearance.
9. All exposed wood surfaces must be sealed, including top and bottom rails, cutouts and hardware preps.
10. To achieve the desired results of color uniformity, finish build, gloss and reduce the frequency of refinishing, obtain and follow finish manufacturer's recommendations.
11. Be sure the door surface being finished is satisfactory in both smoothness and color after each coat. Allow adequate drying time between coats. Desired results are best achieved by following the finish manufacturer's recommendations. Do not finish door until a sample of the finish has been approved.
12. Exterior doors must have a continuous exterior finish on all sides, and in all cutouts.

Cleaning & Touch-up

1. Inspect all wood doors prior to hanging them on the job. Repair noticeable marks or defects that may have occurred from improper storage and handling.
2. Field repairs and touch-ups are the responsibility of the installing contractor upon completion of initial installation. Field touch-up shall include the filling of exposed nail or screw holes, re-finishing 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.

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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 necessary force or excessive clearance.
2. Review with the owner/owner's representative how to periodically inspect all doors for wear, damage and natural deterioration.
3. Review with the owner/owner's representative how to periodically inspect and adjust all hardware to insure that it continues to function as it was originally intended.
4. Finishes on exterior doors may deteriorate due to exposure to the environment. In order to protect the door, it is recommended that the condition of the exterior finish be inspected at least once a year and re-finished as needed.

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IMPROPER STORAGE, HANDLING, FINISHING AND INSTALLATION OF WOOD DOORS MAY RESULT IN SEVERE DAMAGE TO THE DOORS.

IF THE ABOVE INSTRUCTIONS ARE NOT FOLLOWED, THE WARRANTY WILL BECOME NULL AND VOID.

THE APPEARANCE OF FIELD FINISHED DOORS IS NOT GUARANTEED IN ANY EVENT BY DELTA DOOR.

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