

## MAINTENANCE

For warranty coverage to remain in effect the following must be followed:

1. Adequate finish on all door surfaces as detailed below.
2. Proper adjustment of hardware attached or fitted into the doors (including the hardware fasteners) as detailed below.
3. Proper storage and handling as detailed below.

## STORAGE AND HANDLING INSTRUCTIONS

1. Doors to be stacked on 38 mm. (1½") blocking with a cover sheet top and bottom to protect the face of the doors from sunlight, dirt, water, and abuse, but allow for air circulation under and around the stack. 3 blocks to be used for doors up to 2134 mm. (7'0") and 4 blocks for larger doors.
2. Doors shall not be subjected to extremes of heat and/or humidity, and the storage building must have these conditions controlled. Relative humidity should not be less than 25%, or more than 55%.
3. Do not store doors in buildings with excessive moisture from newly poured concrete or new plaster/drywall.
4. Certain species of doors are very susceptible to discoloration from direct sunlight or some forms of artificial light, therefore all doors should be protected from light sources with coversheets and opaque wrapping material.
5. Heating, ventilation and air conditioning systems must be operational and balanced before door installation.
6. Doors must be sealed on the top and bottom rails within 5 days of storage on the jobsite.
7. Doors shall be handled with clean hands or while wearing clean gloves.
8. Doors shall not be dragged across each other or across other surfaces.

## FINISHING INSTRUCTIONS

1. Wood is hygroscopic and dimensionally influenced by changes in moisture content caused by changes within its surrounding environment. To assure uniform moisture exposure and dimensional control all surfaces must be finished equally.
2. Doors are not ready for finishing when initially received. Before finishing, remove all handling marks, raised grain, scuffs, burnishes and other undesirable blemishes by block sanding all surfaces in a horizontal position with a 120, 150, 180 grit sandpaper. To avoid cross grain scratches, sand with the grain.
3. Certain species of wood, particularly oak, contain chemicals which react unfavorably with foreign materials in the finishing system. Eliminate the use of steel wool on bare wood, rusty containers or any other contaminate in the finishing system.
4. A thinned coat of sanding sealer should be applied prior to staining to promote a uniform appearance and to avoid sharp contrasts in color or a blotchy appearance.

5. All exposed wood surfaces must be sealed including the top and bottom rails with a minimum of 2 coats of a sealer.
6. Dark colored finishes should be avoided on all surfaces if the door is exposed to direct sunlight, in order to reduce the chance of warping or face checking.
7. In addition to the above, Birch doors must be given special care in field finishing procedures. Water based stains, sealers, and primers may cause veneer seem separation or cracking and checking of the veneer. For staining, only oil base stains may be used. Birch must be filled and/or sealed before the stain is applied. If painting Birch doors, they first must be thoroughly sealed with a quality oil base wood primer and sealer. Allow adequate drying time between coats, 24 hours or longer. Prior to painting, inspect for any visible splits or open seams which must then be filled with wood filler and sanded smooth. You may then proceed with a lacquer or oil base finish. This method must be followed or the warranty is void.
8. Use a flat or satin finish. High-gloss finishes are not recommended.

## INSTALLATION INSTRUCTIONS

1. Doors shall be allowed to become acclimatized to finished building heat and humidity before hanging.
2. Do not impair the utility or the structural strength of the door in the fitting, the application of hardware, or cutting and altering the door for lights, louvers, or other special details. Approximately 24 mm. (¾") clearance on each side and 24 mm. (¾") to (1/8") clearance at the top shall be allowed.
3. Pilot holes must be drilled for all screws that act as hardware attachments. All hardware installations must follow the listing specifications as per the directions for an approved fire rated opening.
4. Three hinges shall be installed for doors 2134 mm. (7'0") in height or less. Allow one additional hinge for each additional 305 mm. (12") of door height or portion thereof.
5. Labels on fire doors shall not be removed. Doing so voids the label.

## TOLERANCES

1. Size tolerance: thickness = 1.6 mm. (1/16") length = 1.6 mm. (1/16") width = 1.6 mm. (1/16").
2. A squareness tolerance of not more than 3 mm. (1/8") difference shall be allowed between the diagonal measurements, taken across the face of the door.
3. Doors which develop warp or twist in excess of 6 mm. (1/4") after hanging will be deemed to be defective unless there is evidence to indicate that the door has been improperly stored, finished, or hung, or has been subject to tension (e.g. by wedging). Warp is measured by placing a straightedge on the concave face and determining the maximum distance from straight edge to door face.

4. Stile, rail, and core show-through (telegraphing) will not be considered a defect unless the face of the door varies from a true plane in excess of 1/100" in any three-inch span.

**Note:** Action on any claim for warp or telegraphing defects may be deferred at the option of the manufacturer for a period not to exceed one year from date of claim to permit conditioning of the doors to temperature and humidity.

## EXCLUSIONS

This warranty does not cover:

1. Appearances of field-finished doors.
2. Natural variation in the color or texture of wood.
3. Normal wear and tear, including wear-through of the finish, or deterioration for reasons other than material and workmanship of the door itself.
4. Doors hung in exterior locations.
5. Doors with a different plastic color or pattern on each face.
6. Appearances of high gloss on wood or plastic doors.
7. Incompatibility of hardware with a particular door construction.
8. Cracking of plastic laminate surfaced doors with openings cut by other than Lynden Door, Inc., or its approved representative. 1/4" radius at corners of openings must be maintained.
9. Cracking of veneer or plastic laminate surfaces or warp resulting from:
  - a) Doors that are improperly hung or do not swing freely.
  - b) Doors that have light and/or louver cutout areas exceeding 40 percent of the door area and one-half the door height or 54" high, whichever is greatest.
  - c) Doors with light or louver cutouts within 6" of the door edge, or on doors with less than 6" between cutouts for lights, louvers, locks, closures, and/or other hardware cutouts.
10. Warp on doors less than 1¾" thick which are wider than 3'0" or higher than 7'0".
11. Doors over 7'0" in height hung with three or fewer hinges (pivot hardware included).
12. Interior doors with concealed closers deeper than 2" or wider than 1½".
13. Doors altered by others (not to include machining for hardware).
14. Doors with different materials on either side.
15. Doors with face grooving into or through crossbands.
16. All claims asserted after the time limitation set forth herein are not covered by this warranty.