



INFORMATION SHEET

At Maverick Door and Millwork, Inc., our goal is to supply our customers with architectural woodwork, which they can be proud of for many years to come. We attempt to take maximum care possible of the lumber and manufactured woodwork prior to and during shipment to you. Wood is a natural material resource and as such, natural/unfinished woodwork is susceptible to expansion and contraction caused by temperature and humidity variations. Small surface checking or slight shrinking or cupping, which may cause tiny cracks at the joints, may occur under certain conditions. Woodwork is shipped unsealed and unfinished, and the natural characteristics of wood movement cannot be warranted against.

Accordingly, in order to assist you "our customer" in further understanding the nature of woodwork and your role needed for its care so that it will provide you with many years of lasting value and beauty, we ask that you take the time to read the information provided: "About Architectural Woodwork", the "Limited Warranty", and "Handling, Job Finishing and Installation Instructions".

About Architectural Woodwork

1. **DIMENSIONAL STABILITY, RELATIVE HUMIDITY, AND MOISTURE CONTENT**

All woods are affected significantly by moisture and to a lesser degree by heat. Lumber swells and shrinks primarily in two directions: thickness and width. There is insignificant change in length. The changes in dimension due to moisture vary with different species, thus influencing the selection of lumber to use and the design elements. Prevention of dimensional problems in architectural woodwork products as a result of uncontrolled relative humidity is possible. Wood products perform, as they have for centuries, with complete satisfaction when correctly designed and used. **Problems directly or indirectly attributed to dimensional change of the wood are usually, in fact, the result of faulty design or improper humidity conditions during site storage, installation, or use.** Wood is a hygroscopic material, and under normal conditions all wood products contain some moisture. Wood readily exchanges this molecular moisture with the water vapor in the surrounding atmosphere according to the existing relative humidity. In high humidity, wood picks up moisture and swells. In low humidity, wood releases moisture and shrinks. As normal minor fluctuations in humidity occur, the resulting dimensional response in properly designed construction will be insignificant. To avoid problems, **it is recommended that relative humidity be maintained within the range of 25% and 55%. Uncontrolled extremes – below 20% or above 80% relative humidity – can likely cause problems.**

2. **ADAPTABILITY FOR EXTERIOR USE**

Years of performance have shown certain species to be more durable for exterior applications. Heartwood in all species is more resistant to damage by the elements than sapwood. The following is a list of species generally considered acceptable for exterior use for architectural doors:

Douglas-Fir

White Oak

Mahogany, American & African

3. **VARIATIONS IN NATURAL WOOD PRODUCTS**

Wood is a natural material with variations in color, texture, and figure. These variations are influenced by the natural growing process and are uncontrollable by the manufacturer. The color of wood within a tree varies between the "sapwood" which is usually lighter in color, and the "heartwood". Various species produce different grain patterns, which influence the selection process. There will be variations of grain patterns within any selected species. The manufacturer cannot select solid lumber cuttings within a species by grain and color in the same manner in which veneers may be selected. Therefore, color, texture, and grain variations will occur in the finest architectural woodworking.

4. **SHOP DRAWINGS:**

Shop drawings are the means by which the design intent is turned into reality, serving as the primary instructions for woodwork engineering and fabrication, and as a guide for other trades. The approval stage provides the architect/designer a final opportunity, prior to fabrication, to make changes or correct mistakes. Shop drawings, however, are not an extension of the design element process; therefore, **changes of intent made during shop drawing review will in many cases involve an increase in cost and time.**

5. **STORAGE:**

Store flat on level surface in a clean, dry, well-ventilated area protected from sunlight. Some species are sensitive to light and must be covered. **Store doors in closed-in building with operational HVAC system.**

6. **INSTALLATION:**

Allow doors to become acclimated to finished building heat and humidity before fitting and hanging.

7. **Do not expose doors to excessive heat dryness, direct sunlight, or humidity prior to finishing.**

8. **LOCATION:**

Wood doors should be protected from the sun and other weather elements by overhangs, deep recesses, etc.

9. **FINISHING:**

Correct and proper sealing of all 6 sides of the door is essential immediately upon delivery of door to site (including hardware cut-outs). Exterior finishes will deteriorate relatively quickly. In order for exterior doors to continue receiving protection required, inspect the condition of exterior finishes regularly (at least once a year) **or as often as needed to maintain the finish.**

Limited Warranty

BASIC LIMITED WARRANTY: All architectural woodwork manufactured by Maverick Door and Millwork, Inc. (Except woodwork expressly excluded from this Warranty by Maverick Door and Millwork, Inc.) is guaranteed to be of good material and workmanship and free from defects that render it unserviceable for the use for which it is intended. Natural variations in the color or texture of the wood are not to be considered defects. The quality of architectural woodwork is safeguarded while it is in our possession. To be protected by our guarantee, our products must not be stored in damp warehouses or placed in moist or freshly plastered buildings. The woodwork must not be subjected to abnormal heat or dryness. Permanent-type heat and air conditioning must be in operation a sufficient length of time to "cure" the building before any woodwork or doors are delivered to the sites. Allow delivered woodwork to acclimatize to the job site for a minimum of 72 hours before installation. Woodwork must be inspected upon arrival and all claims or complaints must be filed before painter's finish is applied. All doors must be properly sealed on all surfaces, including top and bottom edges, to prevent absorption of moisture. We will not be responsible for defects resulting from neglect of the precautions. We agree within a period of one year after delivery date, to repair or replace, without charge the unfinished woodwork, which is defective within the meaning of this guarantee. We **do not** agree to be responsible for any work, which was not originally performed by us. We **do not** agree to pay charges for finishing or installed replaced woodwork. This guarantee is not effective if goods are repaired or replaced without first obtaining our written consent. Action on any claim for warp or defects may be deferred, at the option of Maverick Door and Millwork, Inc., for a period not

to exceed 12 months from the date of claim. If a door has been installed prior to such claim being made, the door must remain hung in the original installation during the period of deferment, to permit conditioning to humidity and temperature.

WARP TOLERANCE: Warp shall not be considered a defect unless it exceeds 1/4 inch in the plane of the door itself. **Doors wider than 3'6" or higher than 8'0" are not warranted against warp, bow, or twist.** Warp is any distortion in the door itself, and does not refer to the relation of the door to the frame or jamb in which it is hung. The term warp shall include bow, cup, and twist. In measuring the amount of warp present in the door, the following method shall be used. Warp is measured by placing a straightedge, or taut string on the concave face and determining the maximum distanced from the straight edge or string to the door face.

EXCLUSIONS FROM THIS WARRANTY:

1. The appearance of field-finished doors is not covered by the Warranty in any event.
2. Natural variations in color, texture or surface checking of wood are not considered defects.
3. The Warranty against warp does not apply to doors that are improperly hung or do not swing freely.
4. This Warranty does not cover any deterioration caused by failure to protect and seal all exposed surfaces and edges of the door either prior to or immediately after hanging.
5. Failure to follow "Handling, Job Finishing and Installation Instructions" as outlined in this Warranty.

HANDLING, JOB FINISHING AND INSTALLATION INSTRUCTIONS

DIMENSIONAL STABILITY, RELATIVE HUMIDITY, AND MOISTURE CONTENT

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1. Allow doors to become acclimated to finished building heat and humidity before fitting and hanging
2. **Do not expose doors to excessive heat dryness, direct sunlight, or humidity prior to finishing. Wood doors should be protected from the sun and other weather elements by overhangs, deep recesses, etc.**
3. Store flat on level surface in a clean, dry, well-ventilated area protected from sunlight. Some species are sensitive to light and must be covered. Store doors in closed-in building with operational HVAC system.
4. **Correct and proper sealing of all 6 sides of the door are essential immediately upon delivery of door(s) to site (including hardware cut-outs).**
5. Handle doors with clean gloves and do not drag across each other.
6. Use 3 hinges for all doors up to 6'8". Doors over 7' to have 4 hinges.
7. All hardware locations and preparations for hardware must be appropriate for the specific door.

8. **Any sealer or primer applied (see 3 above) must be applied immediately after cutting and fitting.**
9. All handling marks and sanding dust should be removed with 150 grit or finer sandpaper.
10. Use oil based stains.
11. All 6 sides of the door must be finish coated with good quality exterior grade paint or varnish.
12. Exterior finishes will deteriorate relatively quickly. In order for exterior doors to continue receiving protection required, **inspect the condition of exterior finishes regularly (at least once a year) or as often as needed to maintain the finish.**

THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE ABOVE AND MAVERICK DOOR AND MILLWORK, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES, OR FOR ANY AMOUNT IN EXCESS OF THE MANUFACTURER'S PRICE FOR THE SHIPMENT INVOLVED WHETHER THE CLAIM IS FOR BREACH OF WARRANTY OR NEGLIGENCE.

Information adapted from: Architectural Woodwork Standards, Edition 1, 2009