

# Full Warranty — Lead lined wood doors

The A&L Shielding lead lined wood doors listed below will provide satisfactory performance for their normal, recommended use for the time periods shown.

Core Type	Standard Warranty <sup>(1)</sup>	Available Warranty
Lead and Particleboard	One year from shipment	Life of original installation
Lead and Laminated Strand Lumber	One year from shipment	Life of original installation
Special Construction	As quoted	As quoted

## COVERAGE:

This warranty applies to purchasers of these doors from A&L Shielding. It extends on resale of the door, but then claims should be processed through the intermediate suppliers. Positive identification of these doors is necessary before submitting claims.

If any door does not comply with this warranty within the warranty period, A&L Shielding will repair or replace the door at the factory's option. If repair or replacement is not practical, A&L will refund the purchase price of the door. If any door becomes defective after installation, A&L Shielding may pay a reasonable amount to remove and rehang the door, but an estimate of the cost must be submitted to and approved by A&L before work is begun.

**A&L Shielding is not obligated to pay for removal and rehangng if the defect for which the door is being rejected was apparent prior to hanging.**

(1) Door size up to 4'0" x 8'0" with lead between 1/64" and 1/2" using standard door thickness for specific lead thickness used.

## Record this information in case of claims:

Purchaser: \_\_\_\_\_

Owner: \_\_\_\_\_

A&L S.O.#: \_\_\_\_\_

Address: \_\_\_\_\_

Date Shipped: \_\_\_\_\_

Installer: \_\_\_\_\_

Date Received: \_\_\_\_\_

Date Installed: \_\_\_\_\_

Carrier Name: \_\_\_\_\_

01/08

## EXCEPTIONS TO COVERAGE:

**This warranty will not cover exclusions, is subject to tolerances and required strict compliance with the storage, installation and maintenance instructions, all stated on the reverse side of this warranty.**

**A&L Shielding is not responsible for damage or unsatisfactory performance caused by others. Its sole responsibility is as stated on this warranty, and it is not liable for consequential, indirect or incidental damages.**

## CLAIMS PROCEDURE:

Since A&L Shielding cannot control the handling or exposure of doors after shipment, the purchaser must inspect the doors when received, note any damage and notify the carrier at that time.

Written notice of any claim on a carrier must be given by the purchaser/installer to the supplier and to A&L Shielding within 30 days of discovery of the defect of the filing of the claim. All parties must be given a reasonable opportunity to investigate the reported defect before corrective action is begun.



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## **DEFINITION OF AN EXTERIOR DOOR:**

An exterior door is one where temperature and/or humidity cannot be controlled on both sides of the door. Use of A&L Shielding doors in exterior applications is not recommended and is not warranted under any circumstances.

## **MAINTENANCE:**

To assure coverage under this warranty, maintain the following:

1. Finish on all door surfaces.
2. Adjustment of hardware attached or fitted into the doors (including the hardware fasteners).

## **TOLERANCES:**

1. Size tolerance: thickness  $\pm 1/16$  inch, length  $\pm 1/16$  inch, standard widths  $\pm 1/16$  inch, prefit widths  $\pm 1/32$  inch.
2. Squareness tolerance: diagonal measurement difference will not exceed 1/8-inch.
3. Factory hardware preparation tolerance: a plus 1/32-inch tolerance will be allowed on hinge preparation cutouts.
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-inch in any three-inch span.
5. Warp is a defect only when it exceeds 1/4-inch of the door plane. For doors 1-3/4 inches or thicker, warp will not exceed 1/4-inch in doors 3670 or smaller, nor will it exceed 1/4 inch in any 3670 section of larger doors. Warp is any distortion in the door itself. Warp is measured by placing a straight edge on the concave face and determining the maximum distance from straight edge to door face.
6. Set is a defect only if it cannot be corrected by pressure applied to the face opposite the set.

**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.

## **STORAGE & HANDLING INSTRUCTIONS:**

1. Store doors flat on a level surface in a dry, well-ventilated building. If doors are stored at the jobsite, all edges should be sealed.
2. Cover doors with an opaque covering which does not permit light to penetrate in order to keep clean and avoid discoloration. Covering must allow air circulation.
3. Do not subject doors to extremes of heat and/or humidity conditions. Relative humidity should not be less than 25 percent nor more than 55 percent. Temperature range should be between 50 and 90° F.
4. Handle with clean gloves. Do not drag doors across one another or across other surfaces.

## **FINISHING INSTRUCTIONS:**

1. Before finishing, thoroughly sand all surfaces with a hand block and 180 grit sandpaper to remove any sealer, handling marks and raised grain which will otherwise result in a blotchy appearance. Sanding and finishing should be done with the door in a horizontal position.
2. Immediately after fitting and sanding and before hanging, seal the entire door, including the top and bottom edges, with two coats of good quality paint, varnish, or lacquer. For spray application of paint on paint-grade surface, additional preparation of the surface may be required.
3. Do not use steel wool on A&L Shielding doors.

4. Use a flat or satin finish. High-gloss finishes are not recommended.

## **INSTALLATION INSTRUCTIONS:**

1. Allow doors to become acclimated to finished building heat and humidity before fitting and hanging.
2. Install in an absolutely plumb, square, and well attached metal frame.
3. Do not impair the utility or structural strength of the door in the fitting, the application of hardware, or cutting and altering the door for lites, louvers or other special details.
4. Allow the fitting clearance by hardware template at sides and top as shown for beveled edge doors.
5. Install hinges properly rated for door weights of these heavy doors. Contact the hinge manufacturer for recommendations.
6. Do not subject interior doors to extremes of heat and/or humidity conditions. Relative humidity should be between 25 percent and 55 percent for their lifetime. Temperature should be between 50 and 90° F.

## **SHIELDING DISCLAIMER**

1. It shall be the customer's responsibility to determine or have determined the required lead thickness in the door. This can be done by consultation with the project radiation physicist.

**A&L Shielding will not recommend or select lead thickness under any circumstance.**

## **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 wood frames or in metal frames that are out of square, plumb, or alignment, or are twisted in any way.
5. Appearance of wood or plastic doors with a gloss higher than 35° (based on 60° gloss meter.)
6. Incompatibility of hardware with a particular door construction.
7. Cracking of plastic laminate surfaced doors with openings cut by other than A&L or its approved representative. A 1/4-inch radius at corners of openings must be maintained.
8. 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 a lite and/or louver cutout whose area exceeds 1,296 sq. in. of visible glass or one continuous dimension of 54" high, or one continuous dimension of 36" wide.
  - C. Doors with lite or louver cutouts closer than five inches to the door edge, or on doors with less than five inches between cutouts for lites, louvers, locks, closures, and/or other hardware cutouts.
9. Doors hung with hinges rated for less than door weight.
10. Doors hung without a hinge and/or pivot for every 30" of door height.
11. Doors altered by others (not to include machining for hardware).
12. Doors with different species, laminates, or finishes on either side.
13. Doors over 4/0 wide and/or 8/4 high.
14. Labeled doors with machining not per ITS-WH machining requirements.

**Exterior doors** - A&L Shielding doors are not warranted for exterior application.