

Please read these recommendations for maximum service and satisfaction. Failure to comply with these guidelines will affect your warranty.

STORAGE AND HANDLING

- ◆ Doors should always be stored flat and in a clean, dry, well-ventilated building.
- ◆ Always handle doors with clean hands or while wearing clean gloves.
- ◆ Do not deliver doors to the jobsite until concrete floors, foundations, and plaster walls are thoroughly dry.
- ◆ Doors should not be exposed to excessive moisture, heat, dryness or direct sunlight.
- ◆ If the doors are to be stored on the job site for more than 5 days, the entire door, including top and bottom edges, should be sealed with a resin or pigmented base sealer.

INSTALLATION

- ◆ Exterior glazed doors are to be hung with the removable bead side to the **interior** of the home or building.
- ◆ Doors should be conditioned to average prevailing relative humidity of the locality before fitting. (Approx. 3 weeks).
- ◆ Do not cut doors down in size more than 1/2" in width (1/4" each side) or 2" in height (1/2" from top of door, or up to 1 1/2" from bottom of door). On Fir or Oak doors trim up to 2" from the bottom of the door.
- ◆ Allow 1/8" clearance between door and frame at the top and sides of the unit.
- ◆ Be sure that jambs and stops are set perfectly square and plumb. Shim and fasten every 2 feet.
- ◆ Use three (3) hinges on doors 7' or less in height, or 3' in width or less, and four (4) hinges on doors over 7' in height or over 3' in width. Hinges must be set in a straight line to prevent distortion.
- ◆ Panels of stile and rail wood doors are designed to "float" so that during climate changes the panels can move without stressing. Before finishing please be sure the panels are aligned with the stiles and rails. Gently correct the alignment by moving the panel with a soft wood block and rubber mallet. Panels that have shifted and must be realigned are not considered manufacturer's defects.
- ◆ Special preparation is required with mortise locks in order to maintain the structural integrity of the door. Mortise lock and prep packages are available or contact your BROSCO Dealer for special instructions.

FINISHING

BROSCO recommends Craftsman Prefinishing, otherwise:

- ◆ Finish must be applied to the door immediately after fitting and hanging, but not during or immediately after high-moisture periods.
- ◆ Surfaces must be clean and dry.
- ◆ Excess glazing material squeezed out on the visible surface of glass is normal. **Caution:** Use extreme care when cleaning squeeze out, paint or stain off tempered glass, it scratches easily. Use a plastic scraper not tools made of metal or razor blades.
- ◆ Remove all dust, handling marks, grease and repair any handling damage.
- ◆ Sand entire door lightly with 180 grit sandpaper.
- ◆ For maximum performance of finish, the door must be finished lying flat. **Finish all sides including edges!**
- ◆ You are applying a protective finish to your door that will be lasting. Use only high quality finishes and follow the manufacturer's label instructions. **Do not use dark colored stain or paint on surfaces receiving direct sunlight (heat build up will drive out the moisture causing shrinkage and checking).**

CLEAR FINISHES OR STAINS:

- ◆ Pine and Fir doors will accept stain more uniformly if a "pre-stain," "sanding sealer," or "conditioner" is used prior to staining. Other species may not require the treatment prior to staining.
- ◆ Apply semi-transparent stain or clear undercoat.
- ◆ Apply three coats of clear uncut top coat, such as interior or exterior polyurethane. Lightly sand between coats.
- ◆ All exterior finishes must have ultra violet (UV) inhibitors in the finish. Make sure the label reads "Exterior Polyurethane with a UV inhibitor".
- ◆ **Solid base stains, Polyurethane stain mixes are not acceptable as the final finish. Apply three coats of top coat as above.**

PAINTING

- ◆ Doors should be primed with a high quality primer followed by at least two coats of a high quality finish paint.
- ◆ When finishing glazed doors apply top coats generously to bridge between wood and glass. Lap paint onto glass 1/16" to protect against moisture penetration.

When doors are replaced under warranty, BROSCO and manufacturer are not responsible for refinishing or labor costs.

Helpful Hints:

- All finishes will perform significantly better when protected from the direct effects of sunlight.
- All finishes should be checked thoroughly each year for need to refinish.
- Natural grain and color variations are normal and not considered manufacturing defects.

Instructions are general – follow manufacturer's specific instructions.

Manufacturer will not be responsible for doors that are not installed or finished properly.