

Read all instructions thoroughly before beginning. This is a guideline for staining JELD-WEN Architectural and Design Pro Fiberglass doors.

For a door slab, finish all six sides (both faces and four edges - sides, top and bottom) including cutouts for hardware. For a pre-hung door unit, finish five sides (both faces and three edges – sides and top) including cutouts for hardware.

Seal both ends of the door sweep (weatherstrip extrusion attached to the bottom of the door to prevent air, water, and insect infiltration) with exterior silicone sealant. The sweep should not be removed or stained.

IMPORTANT!

Failure to finish the door slab or pre-hung door unit as instructed may result in the denial of warranty claims for operational or performance problems.

- Fiberglass doors MUST be finished within thirty (30) days of installation.

SAFETY

- Wear protective gear (e.g. safety glasses, gloves, respirator, etc.).
- Choose an area with adequate ventilation.

MATERIALS AND TOOLS

When preparing to finish the door, consider the materials and tools required for the entire project. Enclosed in this Stain Kit are the common items needed to properly finish the door. Below are some additional materials that may be required to properly finish the door.

Provided Materials:

- 1 - IPA Cleaning Solution - 4 oz.
- 1 - ZAR Stain - 16 oz.
- 1 - ZAR Exterior WR Satin Clear Urethane - 32 oz.
- 2 - Synthetic 3" Brushes
- 1 - Scuffing Pad
- 2 - Staining Cloths
- 2 - Cleaning Cloths
- 3 - Stir Sticks
- 1 - Pair Latex Gloves

Needed Materials:

- Masking tape

Needed Tools:

- Safety glasses
- Utility knife
- Plastic putty knife
- Screwdriver
- Punch
- Power Drill
- Hammer

BASIC FINISHING RECOMMENDATIONS

- Wear safety glasses for eye protection and the enclosed gloves to prevent soiling the door with oil from hands.
- Allow doors to acclimate to local conditions for at least 24 hours before finishing. Before finishing pre-hung systems, remove the slab from the frame and remove hardware. For door slabs, first hang the slab then remove to finish properly.
- Finish in dust free area.
- Finish doors at temperatures between 50°F to 80°F For best results, doors should be finished in a well-ventilated area out of direct sunlight.
- Finishing is easier if the slab is in a horizontal, flat position on a clean padded surface. This is not required and the slab may be finished in any position, however, do not stand an exterior slab on the sweep (the weatherstrip on the bottom of the door) as damage may result.

BASIC FINISHING RECOMMENDATIONS - CONTINUED

- If finishing a slab with a glass insert, inspect for sealant that may have squeezed out onto the glass or door. Carefully score excess sealant (do not scratch glass) with a utility knife (stainless steel blade) and remove with a plastic putty knife.
- Door must be clean and dry before finishing.

FINISHING PROCESS OVERVIEW

- Prepare the door
- Apply Stain
- Apply Clear Top Coat

1

PREPARE THE DOOR

- Remove all hardware and mask off glass, hardware, weatherstrip, and the door sweep to prevent stain from getting on them. (Weather stripping may be removed from the jambs by gently pulling out – be sure to replace when door is finished and dry).
- Pour a small amount of the IPA Cleaning Solution on the Cleaning Cloth and wipe all finger prints, dust and or any loose contaminants from entire surface of the door thoroughly before applying the Stain. Repeat as needed to ensure all surfaces are clean.

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APPLY STAIN

Note! Stain has an “open-time” of one to two hours, depending on conditions. Work the stain until color and grain-strike has the desired effect before it becomes too dry to wipe off. If certain areas of the door appear lighter in color due to wiping off too hard, brush in a light amount of Stain and blend to the surrounding area to achieve the desired results.

- Stir the Stain thoroughly to achieve an even consistent color.
- Use the 3” synthetic Brush and apply Stain in the deep grooves/corners of the door panels first making sure stain gets into the corners, then continue with the mullions, rails, stiles and glass frame if applicable until the stain is even on the entire surface.
- Once stain is applied, use a Stain Cloth to lightly wipe in circular motion evenly over the entire door, allowing the Stain to fill into the grain texture. Be careful not to wipe too hard and remove the Stain.
- Once grain texture is filled, remove the excess stain with a cloth by wiping the door in the same DIRECTION the GRAIN is running. Start in the center with the panel grooves/corners (use a dry brush in corners to remove excess stain that the cloth can't reach) and work outward with the mullions, rails, stiles ending with the glass frame. Use a new cloth as needed.

Note! When staining a Fir door, use a brush instead of a cloth for the stain removal (step 4) to establish the straight grain appearance of fir.

- To darken the color, up to 3 additional coats of stain may be applied.
- FINISH REMAINING SURFACES by Repeating steps 1-5 on opposite door face, both edges and top of the door (make sure door is thoroughly dry before turning over).
- Allow stain to remain untouched with good air flow for 12 to 48 hours depending on weather conditions before continuing to next step. Heavy applications may require additional time to dry.
- Clean Up: Clean application tools with paint thinner or mineral spirits immediately after use.

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3 APPLY CLEAR TOP COAT

1. After stain has dried to the touch apply Clear Top Coat.
2. Stir Clear Top Coat for minimum of 30 seconds using stir stick and stir frequently during application. Apply a thin coat of Clear Top Coat with the 3" Polyester Synthetic Brush in the direction of the grain.
3. Work from the center out starting with the panels outward to the mullions, rails, stiles and glass frame if applicable.
4. Let Clear Top Coat dry for at least two hours, then repeat on opposite door surface, edges and top and bottom of the door.

5. Second Topcoat. First, scuff lightly with Grey Scuffing Pad and clean off any leftover residue. Apply a second coat of Clear Top Coat in the same manner as the first.

Note! If you desire a fuller finish you may apply a third coat after thoroughly drying.

6. After the final coat, allow 24 hours dry time before normal use.
7. Clean Up: Clean application tools with soap and warm water immediately after use.
8. Save the stain kit materials and these instructions for re-finishing.

4 CARE AND MAINTENANCE AND DOOR PARTS

CLEAN AND CARE OF DOOR

Most commonly used cleaning agents on the market today are water-based. They are formulated to contain degreasing agents as well as cleaning additives. The doors finish may be wiped clean using a soft damp cloth and mild soap and then wipe surface with clean water and immediately dry with a soft cloth.

DOORS WITH GLASS

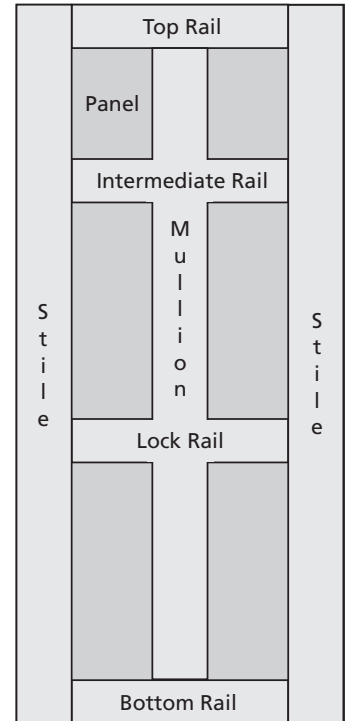
Most glass cleaners contain ammonia. When cleaning the glass areas of the door avoid getting glass cleaning liquid in contact with the door's finish. If this happens, immediately wipe door down with clean water using a damp cloth. Prolonged contact will begin to break-down the shine of the finish and should be avoided.

RE-FINISHING DOOR

When the doors' coating becomes dull or flaky the original luster can be restored by re-finishing the door. To re-finish, use the saved Stain Kit materials and instructions.

1. Thoroughly clean and dry surface.
2. Lightly scuff the entire surface using the Scuffing Pad and wipe clean.
3. Spot Prime: Repair small damage by lightly brushing Base Coat over immediate area.
4. Blend damage to surrounding area by adding and removing Stain. If Stain appears too dark, reduce with small amounts of clean water and blend.
5. Re-coat entire surface with Clear Top Coat to lock in color and protect the door. Use Helmsman Clear Exterior Spar Urethane.

DOOR COMPONENT IDENTIFICATION



Please visit jeld-wen.com or call us at 1-800-535-3936 for specific product information, installation instructions, warranty and care and maintenance information.

Thank you for choosing

