

FIBERGLASS DOOR SYSTEM

Installation Instructions

For Florida State

Please follow the instructions in this document and the attached Florida state approved installation drawings. If you have purchased an unfinished door system, we recommend that you paint/stain before installation. Refer to the finishing instruction section in this document.

CAUTION: Some door units are heavy and may require two people to lift and install. Use proper lifting techniques and follow safe working practices.

Before you begin:

1. Except for single door unit, do not remove the plastic door plug until the prehung unit is set in its opening. This is used to keep the door system closed and aligned. For the door unit that has handles on the latch and hinge jambs, remove them. Also, cover the door sill to protect against harmful particles or scratches during installation or between long period of building construction and occupation. Note that a contact with wet cement or cement powder will damage the sill finish.

2. Make sure that the new door will properly fit your frame opening. Note that the rough opening for the High Wind Velocity Area installation is different from the standard rough opening. The *rough opening should be 1/2" wider and 1/4" higher* than the prehung door unit. Resize the opening if needed. Verify that the frame opening is level, square and plumb. Minor out of level conditions can be corrected by using shims but major misalignments need to be corrected before installation.

3. **IMPORTANT:** Before setting the door unit to the rough opening, apply generous beads of caulk to the underside of the door sill at locations shown in figures 1a or 1b including the plastic sill-key and brickmold. Make sure that at least 4 lines of bead seal the full width of the sill.

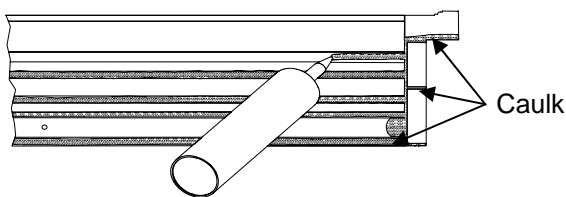


Figure 1a (In-swing)

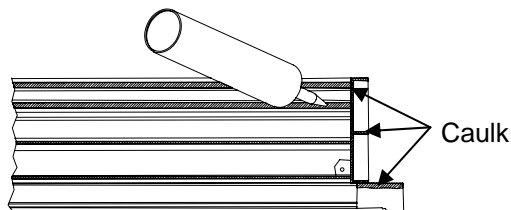


Figure 1b (Out-swing)

INSTALL THE DOOR UNIT AND ANCHOR PER THE ATTACHED INSTALLATION DRAWINGS

For single, double and single sidelite doors, install 2 screws at the top hinge and 1 each at the lower hinges at locations where screws are left uninstalled (#9 x 2 1/4" wood screws are included in the installation kit).

Anchoring and Drilling for Double Door Unit: After checking to make sure that the double door is properly aligned, use the astragal bolts at the inactive door to mark and drill 3/8" diameter x 1 3/8" minimum deep holes through the head jamb and the sill per Figures 2a, 2b and 2c. Pre-drill 1/16" pilot holes for the mounting screws. Install the retaining plates (included) at both head jamb and sill. Use the #8x 2 1/4" screws included in the installation kit to mount the retaining plates.

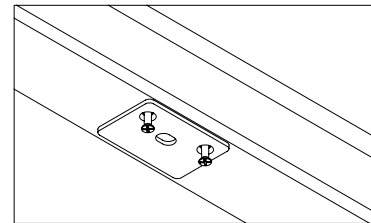


Figure 2a
(In-swing/Out-swing header)

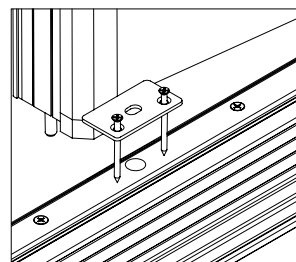


Figure 2b
(In-swing sill)

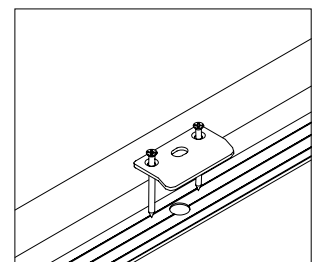


Figure 2c
(Out-swing sill)

Lockset Hardware: Use grade II latch and deadbolt. Make sure that the deadbolt engages fully. You should feel the bolt roll and click as it engages. If the bolt does not engage fully, you may need to deepen the strike bore.

In-swing adjustable threshold: Adjust the threshold as shown in Fig. 3 so that there is even contact between the door sweep and the threshold. To test, put a sheet of paper between door sweep and threshold, close the door and pull. The correct adjustment would have slight tension, but if the paper tear, the tension is too high.

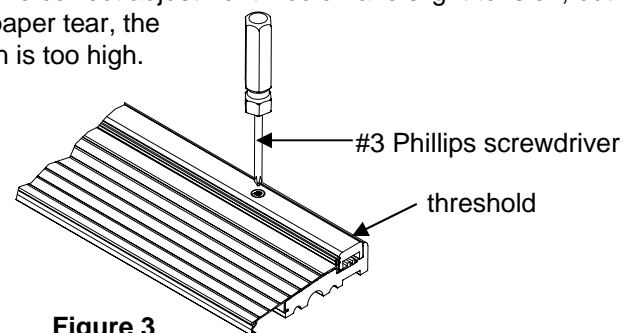


Figure 3
(In-swing only)

Sealing: IMPORTANT - For in-swing doors, install two corner seal pads (included in the installation kit) at each of the jamb bottom per figure 4a. The corner seal pad should be tucked underneath the weatherstrip. Caulk silicone at the intersection of the jambs, brickmolds, threshold and floor. For out-swing doors, caulk at the intersection of the jambs, brickmolds, threshold and floor per figure 4b. Also caulk around the gap between the prehung and the building where water or air can penetrate.

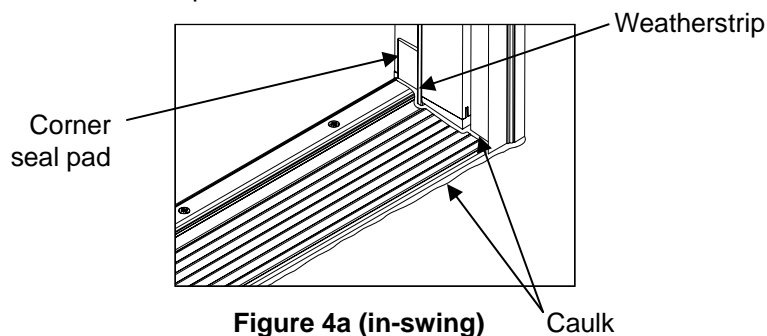


Figure 4a (in-swing)

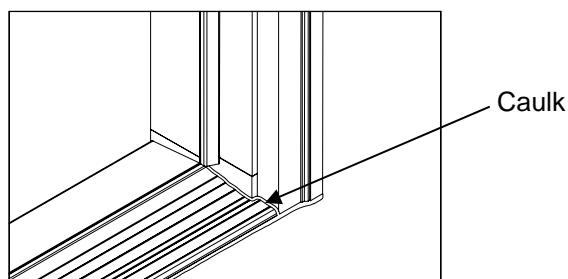


Figure 4b (out-swing)

FINISHING INSTRUCTIONS

Staining or painting an unfinished Feather River Door Company® fiberglass door has never been easier. Our fiberglass door does not require special stain kits or primer. Use the same exterior stain or paint you would use for finishing your home's other trims. Note that a tan woodgrain and white smooth door must be finished within 6 months after the door is purchased. When finishing, remove the door from the frame and place door in a flat level surface off the floor. Sidelites need to be finished while attached to the frame.

Caution: Paint or stain in a well ventilated area. Keep combustible paint, stain and topcoat away from heat and flame. Keep out of reach of children.

Stain Finish

All surfaces of a tan woodgrain door are stainable. Our patented textured fiberglass door surface yields superior stain adhesion without sanding. Select a high quality water-based stain from Minwax® or Behr® or a high quality gel stain from Minwax® or Olympic®. Or, select a high quality oil-based stain from Ace®, Minwax®, or Zar®. Before applying a stain, wipe the fiberglass door and door lite frame with a damp cloth to remove any dirt, oil, or debris. Allow the surface to fully dry before staining. Apply an even amount of stain with a brush or lint-free cloth in the direction of the wood grain as shown in Figure 5. Work the stain into the surface. Lighten stain and remove excess through wiping with a clean rag before stain dries completely. For a darker appearance, apply a second coat after first coat dries. Follow the application instructions on the stain container label. After stain has dried for at least 24 hours, apply three coats of high quality exterior grade satin or low gloss polyurethane in the direction of the wood grain. Follow the label's drying time between coats.

Important: Use polyurethane with ultraviolet (UV) inhibitors.

Paint Finish

Tan woodgrain or white smooth fiberglass doors are both paintable with most high quality oil based exterior paints. For the smooth doors, we recommend sanding with 600-grit sandpaper for the best results. Before applying a paint, wipe the fiberglass door and door lite frame with a damp cloth to remove any dirt, oil, or debris. Allow the surface to fully dry before painting. Paint the door in the directions shown in Figure 5. Apply at least two coats of paint. Follow the brand's recommended drying time between coats.

Finishing Wood components

Both the pre-finished and unfinished fiberglass doors come with factory finished prime coat on the jambs and brickmolds, unless clear wood components are specified in the order. We recommend staining the clear jambs, brickmolds and other clear wood components per above stain finish instructions. Apply 2 or 3 coats of exterior grade polyurethane with ultraviolet (UV) inhibitors. Lightly sand with 600-grit sandpaper between coats for smoother finish. If painting is desired over primed wood components, use quality exterior grade acrylic latex or oil-base paint. Use wood filler to putty the nail marks on the wood components before staining or painting. Wood components must be stained or painted with 2 weeks after installation.

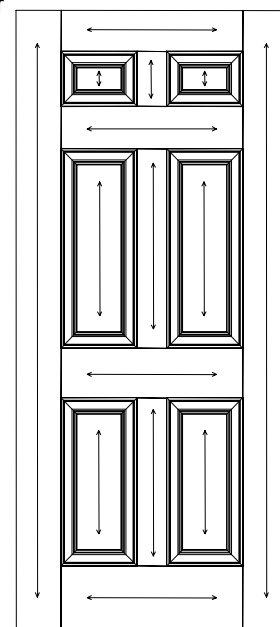


Figure 5

CARE AND MAINTENANCE

Over time, harsh weathering will degrade even the best fiberglass finish. We recommend reapplying a UV topcoat over the existing topcoat every 3-4 years. We do not recommend stripping the finish. In locations of severe weather exposure, more frequent maintenance may be required. Repaint your doors, jambs and brickmolds as soon as deterioration occurs. Replace weatherstrip, door sweep or sealant when deterioration is apparent.

FEATHER RIVER DOOR COMPANY
By Trinity Glass International, Inc.
Limited Lifetime Warranty for Fiberglass Doors

Warranty Coverage

Feather River Door Company's Premium Series fiberglass doors by Trinity Glass International, Inc. (hereinafter Trinity) are covered under this limited lifetime warranty, to be free from defects in material and workmanship that would render the door unfit for its designed use, subject to the conditions and restrictions contained herein. This limited lifetime warranty extends only to the original owner (Customer) of the door, installed in the owner occupied residential dwelling within the continental U.S., and is non-transferable.

Exclusive Remedies

Upon receipt of a valid claim, Trinity shall have the option to either repair the product or provide a replacement product of like kind and design. Further, in lieu of repair or replacement, Trinity reserves the right to refund the Customer's purchase price (not replacement price). This shall be the Customer's sole and exclusive remedy, and in no event shall Trinity be responsible for shipping, labor, finishing expenses, removal of original product, installation of replacement product, or other incidental and/or consequential charges, costs, expenses or claims incurred by Customer.

Exceptions from Coverage

The following exceptions are not covered and shall otherwise not be considered to be defects in material or workmanship as applied to this limited warranty: any damage or discoloration caused by not painting/finishing smooth or unfinished fiberglass doors within 6 months of installation, any damage caused by not painting/finishing wood components within 2 weeks of installation, any damage caused by the Customer to include but not limited to damages caused during installation of the door or any act(s) performed to the door not in compliance with Trinity's instructions and recommendations, discoloration or irregularity in glass that is not visible from farther than six feet, broken glass, and any damage caused by improper installation and/or ventilation of a storm door. This warranty shall be void if and when any original Trinity components are replaced or altered.

Standard Door, Glass, Wood Components and Finishes

Trinity's Standard Series fiberglass doors are warranted for 25 years from the date of purchase; decorative glass and wood components are warranted to be free from deficiencies in material and workmanship for 10 years from the date of purchase, provided compliance to all recommended preventive care (including but not limited to proper stain and/or paint recommendations); and deficiencies in material and workmanship on the finish of Trinity's Pre-finished products are warranted for 2 years. All exceptions from coverage as stated above shall apply.

Warranty Claim Procedures:

In the event of a defect covered under this warranty, Customer shall comply with the following claim procedures:

1. Written warranty claim shall be presented to Trinity.
2. Customer's written claim must include the following information:
 - a. Nature or adequate description of defect(s).
 - b. Identification of product including size, design, type, and product number (if available).
 - c. Date of purchase.
 - d. Proof of purchase.
3. Upon Trinity's request, Customer must permit Trinity (or its representative) to inspect the claimed defective door. Trinity shall have 30 days from receipt of Customer's written claim to exercise this option to inspect.

Trinity makes no other warranty, including a warranty of merchantability or fitness for a particular purpose, with respect to the product or replacement except to the extent provided herein. Invalidation of any one or more of the provisions of this limited warranty shall in no way affect any of the provisions in this limited warranty which remain in full force and effect. Any and all legal actions for any and every breach of this warranty shall be instituted and maintained in any court of competent jurisdiction in the County of Pierce, State of Washington. Trinity reserves the right to modify the terms and conditions of this warranty without prior notice. Please direct all questions about this warranty: 800-375-8120.

Trinity Glass International, Inc. * P.O. Box 39379 * Tacoma, WA * 98439

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