SUPERIOR WOODWORK
FIBERGLASS DOORS · BUILT FOR LIFE

EXTERIOR DOOR INSTALLATION INSTRUCTIONS AND WARRANTY

INSTALLATION INSTRUCTIONS

Thank you for purchasing a Superior Woodwork Exterior Door. This document covers recommended installation for our basic door configurations: Single prehung, prehung with sidelites, double prehung, center hinge and french patio doors. Please read instructions completely prior to installation of door. The instructions work with most applications when installing our doors. Any changes made to installation process is done at installers risk and may void warranty. A copy of the installation instructions should be provided to home owner and remain on site for final building code inspection.
Not all door types can be installed in all locations. We recommend you contact building code compliance in your area prior to installation to verify product meets code for your application and location.
Coastal areas may require different products and additional anchoring methods. Information on coastal products and installation requirements can be located at www.tdi.texas.gov or www.floridabuilding.org

Required Tools & Hardware

- This is a basic list of tools to install unit. All may not be required, conversely others may be needed for specialty or custom applications
- Note all material used for installation must be followed in accordance with manufacturer's instructions. Failure to do so may void the warranty.
- Safety glasses, Safety mask, caulking gun, caulking exterior/interior paint grade, 24" and 48" level, drill gun with multiple drill bits and screw bits, framers Hammer, screw driver, fiberglass or low expansion window/door foam insulation, composite or wood shims, 2 ½" screws, finishing nails designed for exterior/ interior trim, framing square, tape measure, utility knife, punch, wood saw putty knife pry bar Handle set and deadbolt
- Supplied: Insulation wedge pads instruction manual, 3" screws for slab re-enforcement.

Removal & Disposal of replaced door unit and material

- Detach and remove the existing unit. Make sure the structure frame is clear of debris such as nails, screws, caulking fiberglass from prior installation.
- It is recommended to wear a safety mask and gloves when removing and disposing of material.
- Check local municipality to make sure you are in accordance with disposal ordinances
- If dealing with lead based product please consult www.epa.gov/lead for proper methods of disposal.

Figure A

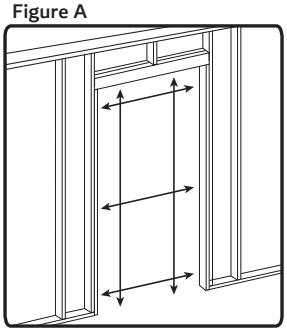
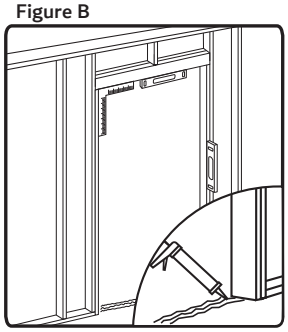


Figure B



1 Inspect Rough Opening

- Measure height of rough opening on both sides. We recommend the opening be 1/2" taller than door unit. (Figure A)
- Measure width of rough opening at top, center and bottom. We recommend opening be 1" wider than door unit. (Figure A)
- Verify your rough opening is square. This can be done by measuring diagonally from corner to corner. Maximum allowable deviation should not exceed 1/4".
- Verify rough opening is level and plumb. (Figure B)
- Verify threshold is level and clear of debris.

2 Remove Door from Pallet

- Remove shrink wrapping from door and inspect for cosmetic or freight damages. Verify that you received the correct product, style, size, color, handing and swing. If you have any concerns with the product

If door is not the correct handing or if door is damaged. DO NOT INSTALL. Contact point of purchase to discuss options or contact Superior Woodwork, at 1-866-669-0082

- **We recommend a minimum of 2 people when removing door from pallet and installing.**
- **Follow instructions attached to pallet to remove door. Remove all shipping materials such as corner, hinge, and sill protectors. Select doors have wood protector on bottom of sill which must be removed.**

3 Prepare Rough Opening for Door Unit

- Apply 3 continuous 3/8" beads of silicone caulk across the sill of the opening. (Figure B)
- If installing on wood subfloor, we recommend using a sill pan prior to installing door unit.

4 Installing Door Unit

- With top edge of door tilted away from opening, place bottom of door in center of opening onto caulk. Then tilt top of door into opening. (Figure C)
- Place shims behind each hinge and plumb hinge jamb, then secure 2-1/2" trim screws through each hinge and shims. If unit includes 2 sidelites, place shims on outside of sidelite on hinge side of unit.
- DO NOT drive screws completely in because you may need to adjust to plumb and square door.

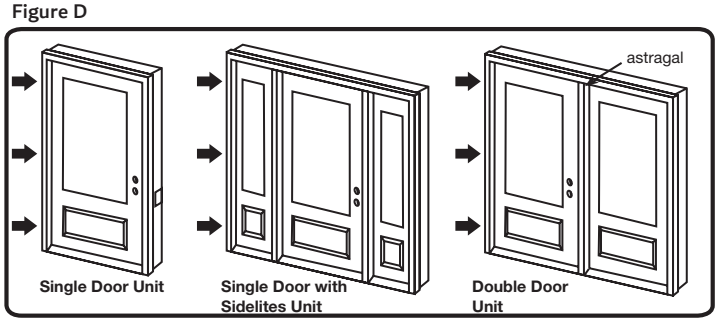
Figure C



5 Plumb and Fasten Hinge Jamb

- Work from hinge side using a 4-foot level, plumb the side of frame and tighten the 2-1/2" trim screws.
- Doors with sidelites and double doors, plumb and tighten screws on the hinge side of door unit first.

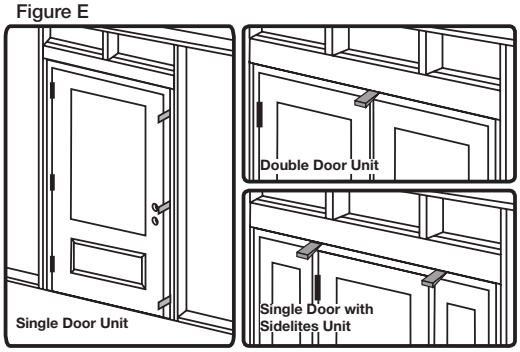
Figure D



6 Plumb and Fasten Lockset Jamb

- Work from lockset side using a 4-foot level plumb and square the lockset side of door and check weather-strip margins for consistent contact to door slab.
- Shim the lockset jamb and secure with 2-1/2" trim screws.
- Once door is plumb, level, and secured in opening, make sure the gap between frame and door viewed from inside is consistent from top to bottom of door
- Doors with sidelites shim above mull post and install screws behind weatherstrip. (Figure E)
- Patio and Center Hinge doors shim at astragal/mull and install screws behind weatherstrip. (Figure E)
- Verify door with astragal is plumb and square in the opening. Drill hole in header & sill for flush bolt.

Figure E



7 Check Door Operation

- With the door open, remove 2 screws from the top hinge near the weather-strip and replace with the 2-1/2" hinge screws provided. (Figure F) This process will prevent door from sagging over time.
- On Double Doors, screws need to be installed in both doors.
- Caution! Over tightening screws can cause the door to bind and not close properly.

Figure F

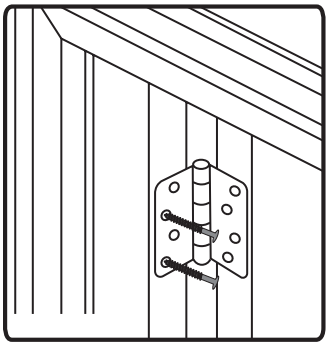
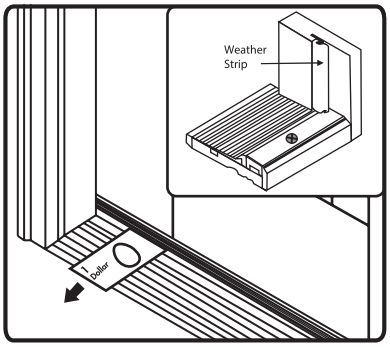


Figure G



8 Adjust Sill

- Using a screwdriver you will need to adjust center cap on the sill.
- Once adjusted, it should be snug and difficult to pull paper out from under door when closed. (Figure G)
- This process needs to be completed at each screw location to insure a snug fit.

9 Install Hardware

- Install lockset and deadbolt according to manufacturer specifications
- Patio Doors may require adjustments to astragal for lockset to latch properly.
- Coastal areas may require specific lockset models. Information on coastal products and installation requirements can be located at www. tdi.texas.gov or www.floridabuilding.org

10 Weatherproof Door

- Caulk around entire outside of door where exterior trim meets jamb and exterior wall. (Figure H)
- Caulking is also required where sill meets jamb and slab.
- Install wedge pads at bottom of both side of frame. (Figure I)
- Once threshold rail cap is adjusted to sweep, apply a light coat of caulking to the edge of rail cap on exterior side. (See Figure I)

Figure H

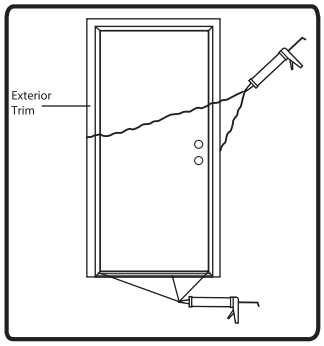
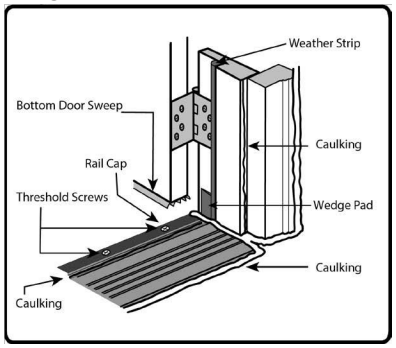


Figure I



11 Finishing the Door

- All unfinished steel and fiberglass doors must be finished with exterior stain or paint within 1 week of installation.
- Doors must be finished on all six sides and door frame must be finished.
- Doors with minimal overhang or facing sun most of the day will require refinishing more frequently.

PRODUCT WARRANTY SUMMARY

Superior Woodwork Products are designed and built to provide lasting value for your home. We warrant to the original owner, if your Superior Woodwork Inc. Product exhibits a defect in material or workmanship within the time periods outlined below from the initial purchase.

Product	Door Slab	Glass	Factory Finish
Fiberglass Doors R400 Series	Lifetime Limited	5 Years	1 Year
Fiberglass Doors L300 Series	Lifetime Limited	5 Years	1 Year

Superior Woodwork, at its sole discretion, will repair, replace warranted door or refund the original purchase price. SUPERIOR WOODWORK MAXIMUM LIABILITY IS LIMITED TO THE AMOUNT OF THE ORIGINAL PURCHASE PRICE AND WILL NOT COVER THE COSTS OF LABOR, INSTALLATION OR FINISHING FOR ANY REPLACEMENT DOOR. The manufacturer will not be liable for any door(s) repaired or replaced without prior written consent.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. MOREOVER, IN NO EVENT WILL SUPERIOR WOODWORK BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty protects your legal rights. Other rights vary from state and may apply to you. Some states and federal laws do not allow the exclusion of implied warranties. In the event these laws apply, the length of any implied warranty shall be one (1) year or the shortest time in excess of one year permitted under applicable law. Similarly, some states do not allow exclusions or limitation of consequential damages and, if applicable, this limitation will not apply.

Action on any claims for warping or for photographing may be deferred, at the option of the manufacturer for a period not to exceed 12 months from date of claim. Please see care and handling instructions for additional information.

This warranty does not cover the following circumstances and are not considered the responsibility of Superior Woodwork.

- Locksets or components not provided by Superior Woodwork
- Normal wear and tear, and natural weathering of surfaces
- Problems resulting from misuse and or abuse and failure to follow care and maintenance instructions
- Problems related to improper finishing of all surface, front, back, sides, top and bottom of door, door unit, sidelites and or transom
- Natural variations in color or texture in any finish shall not be considered a defect
- Failure to provide a proper overhand; damage caused by extreme temperature, either from direct sunlight and or installation of a storm door

This is a summary of Superior Woodworks warranty. For more detailed warranty information, technical information, or parts contact Superior Woodwork at 1-866-669-0082.

HANDLING & CARE

UPON RECEIVING YOUR DOOR UNIT

- Inspect your door unit immediately and report any damages or defects to the store in which you made your purchase.
- Do not install any door unit that is defective and or damaged as installing such door will void the warranty.
- Any labor costs will not be covered by the warranty after a defective or damaged door unit has been installed.
- Concealed damages will not be covered after 48 hours of receiving door or once the door unit has been installed.

STORAGE AND HANDLING

- Unfinished product must be finished immediately prior to storage
- Store in a well ventilated area.
- Deliver door unit to the job site only after plaster, texture and/or cement is dry.
- Door units stored in excess of 60-days prior to installation will void the warranty.

MAINTENANCE FOR UNFINISHED FIBERGLASS ENTRY DOORS

- Door slabs must be finished or primed and painted on all six sides immediately.
- Pre-hung door units must be completely finished or primed and painted immediately.
- Use good quality oil base or acrylic latex paints.
- Do not use a water base primer.
- If painting – Higher gloss paints will offer better protection than “flat/low gloss” paints.
- If staining – Follow the stain manufacturer’s instructions and the maintenance instructions listed.

MAINTENANCE FOR PRE-FINISHED FIBERGLASS ENTRY DOORS

- Your new door unit is a fine piece of furniture and must be maintained as such. Exposure to the elements (sun, rain, snow, sleet and air pollutants) will cause a well finished door unit to be affected. The following requirements will help you understand the maintenance needed to protect your investment.
- Direct sunlight will cause the finish on any door unit to deteriorate faster.
- The entryway must provide adequate protection against the elements. See Figure 1.
- Inspect your door unit periodically. If the topcoat has been damaged or is showing signs of deterioration an additional application of top coat will need to be applied. When choosing a top coat, we recommend a polyurethane satin finish. Apply clear coat per manufactur instructions.
- Depending on the environment, the door unit will need to be refinished periodically.

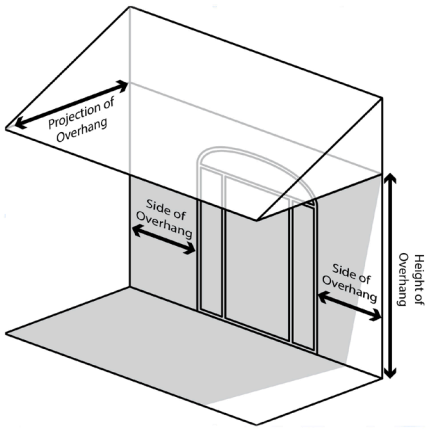


Figure 1

! INSTALLATION OF A STORM DOOR WILL VOID WARRANTY.

! INSTALLING A FIBERGLASS DOOR IN ANY DIRECT SUNLIGHT WILL VOID THE WARRANTY.

! LACK OF PROPER OVERHANG ON A FIBERGLASS EXTERIOR DOOR UNIT WILL VOID THE WARRANTY.

! IF PROPER FLASHING IS NOT USED INCLUDING A SILL PAN AND HEAD FLASHING WHEN RECOMMENDED OVERHANG IS NOT MET, THIS COULD VOID THE WARRANTY

The “Projection of Overhang” must measure a minimum of 1/2 the height of the entryway. The “Side of Overhang” must measure a mini-mum of three feet from the outside edge of the door unit. The over-hang must provide protection of the door unit from direct exposure to the elements.