



SP Clad Outswing Door Operating  
44 1/2" X 123 1/8" Overall Frame Size  
Nail Fin Installation

TEST REPORT SUMMARY:

- MAXIMUM BASIC UNIT FRAME SIZE:  
44 1/2" (1130mm) x 123 1/8" (3127mm)
- OVERALL DESIGN PRESSURE:  $\pm 50.13$  psf
- STRUCTURAL TEST PRESSURE:  $\pm 75.19$  psf
- RATING: **LC-PG50**

CCL Listing# 429-H-570.13-.16

Intertek Test Report Number: **T1904.01-901-47 RO**

SP Clad Outswing Door Operating  
Nail Fin Installation / WDMA Instructions

SHEET: 1 OF 2

UPDATED: 05/06/2026

DRAWN BY: B.K.

INSTALLATION NOTES:

1. USE 2" x \_ PINE FOR WOOD BUCK
2. 3/8" MAXIMUM SHIM SPACE AT JAMBS
  - 1/2" MAX. SHIM SPACE AT HEAD
  - PLACE WOOD SHIM EVERY 6-10" AT HEAD & SIDES
3. APPLY A CONTINUOUS BEAD OF SEALANT BETWEEN THE NAIL FIN AND THE BUCK, AT HEAD AND SIDE JAMBS
4. APPLY (3) CONTINUOUS BEADS OF 1/4" SILICONE SEALANT AT THE SILL PRIOR TO INSTALLING DOOR. APPLY AT INSIDE EDGE, MIDDLE AND OUTSIDE EDGE OF SILL, WHERE THE DOOR SILL WILL COME IN CONTACT WITH SEALANT.
5. INSTALL #8 X 2 1/2" PPH SCREWS SPACED APPROXIMATELY 2-3" FROM EACH CORNER AND 10-12" ON CENTER THEREAFTER THROUGH THE NAIL FIN AT HEAD & JAMBS INTO THE FRAMING MATERIAL A MINIMUM OF 1" EMBEDMENT, 1/4" MINIMUM EDGE DISTANCE.
  - SILICONE SEAL OVER SCREW HEADS
  - FULLY SEAL ALL GAPS AT EACH CORNER OF THE UNIT AND THE ROUGH OPENING
6. INSTALL #10X3" SCREWS THROUGH THE HEAD AND SILL ALIGNED WITH THE SHOOT BOLTS. INSTALL ONE #10X3" SCREW AT EACH HINGE.

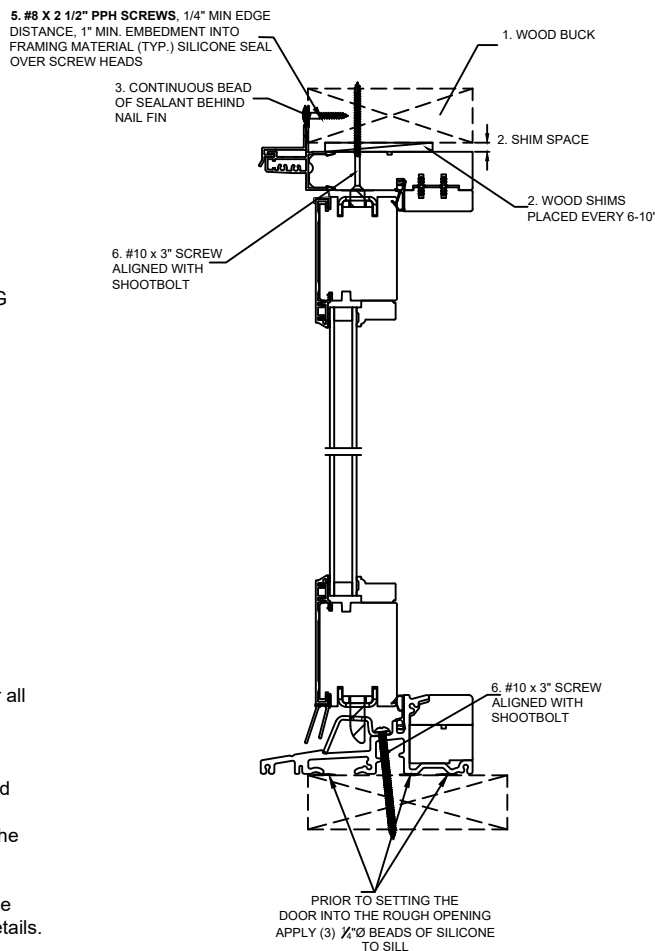
MAXIMUM OVERALL SIZE: B.U.S. (Basic Unit Size):  
44 1/2" (1130mm) x 123 1/8" (3127mm)

GENERAL INSTALLATION NOTES:

- Check rough opening for proper size, plumb, level and square.
- Make all necessary adjustments to ensure rough opening is plumb, level & square.
- Sill must be flat, level and capable of supporting the weight of the unit.
- Opening must allow a maximum of 1/4" shim space at head, sill and jambs.
- Consult full installation instructions found on the Sierra Pacific web site, [www.sierrapacificwindows.com](http://www.sierrapacificwindows.com), for all recommended installation procedures.
- Wood buck, framing, fasteners, sealant and all wall system materials are provided by others

FLASHING

- For units that have to meet a specific DP (Design Pressure) rating, any kind of building wrap must be folded and taped away from each rough opening before the unit is installed. Unit must come in contact with the building's bare sheathing. A bead of silicone must be applied to the backside of the nail fin where it meets the unit, at head and jambs.
- Once unit is installed and flashed properly, the building wrap must be reapplied and trimmed flush with the unit's exterior. A bead of sealant must be placed along the seam joint of the building wrap and the unit. Tape the corner cuts in the building wrap. See full sliding patio door installation brochure for complete flashing details.



5. #8 X 2 1/2" PPH SCREWS,  
1/4" MIN EDGE DISTANCE, 1"  
MIN. EMBEDMENT INTO  
FRAMING MATERIAL (TYP.)  
SILICONE SEAL OVER SCREW  
HEADS

3. CONTINUOUS BEAD  
OF SEALANT BEHIND  
NAIL FIN

1. WOOD BUCK

6. ONE #10 x 3" SCREW  
PLACED AT EACH HINGE

2. WOOD SHIMS  
PLACED EVERY 6-10"

2. SHIM SPACE

5. #8 X 2 1/2" PPH SCREWS,  
1/4" MIN EDGE DISTANCE, 1"  
MIN. EMBEDMENT INTO  
FRAMING MATERIAL (TYP.)  
SILICONE SEAL OVER SCREW  
HEADS

3. CONTINUOUS BEAD  
OF SEALANT BEHIND  
NAIL FIN

1. WOOD BUCK

2. WOOD SHIMS  
PLACED EVERY 6-10"

2. SHIM SPACE



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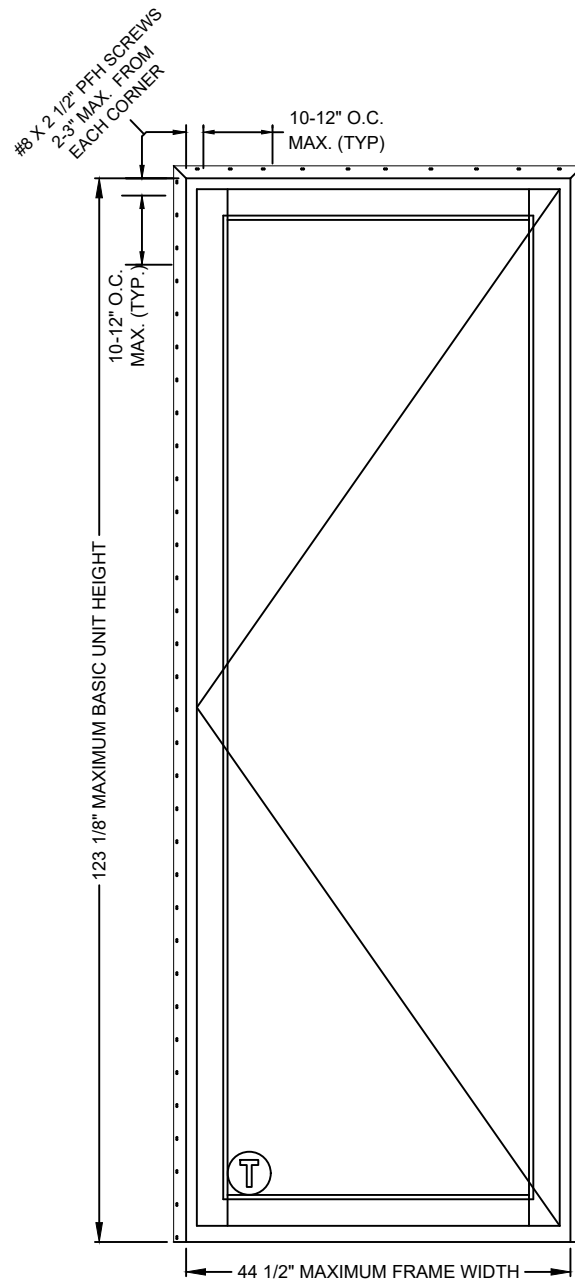
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SHEET: 2 OF 2

UPDATED: 05/06/2026

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#### ELEVATION SHOWING FASTENER LOCATION & SPACING



Installation requirements may vary in particular locations and in other types of construction. Proper installation is essential, and Sierra Pacific Windows, recommends consultation with an AAMA Certified Installer, or other qualified, registered building professional before installation of any SPW product. Proper installation of SPW products is the responsibility of the installer. SPW is not responsible for proper installation. SPW is not responsible for the design of, conditions in, or performance of building construction beyond the perimeters of the SPW units. SPW is not responsible for proper integration of the SPW units with the weather-repellent systems of the building.