



3-2 / 3-2 x 8-3 Clad/Wood Dual Inswing Patio Door, Multi-Point Locking with Manual Shoot Bolts Vinyl Nail Fin Installation / Non-Impact

CCL Listing# 436-H-102.28

Architectural Testing Test Report #: D5781.01-602-44

Clad/Wood Inswing (Wide Stile) Patio Door 3-2/3-2x8-3 Dual Swing - 2 WIDE Multi-Point Locking with Manual Shoot Bolts Vinyl Nail Fin Installation / WDMA Instructions / Non-Impact

SHEET: 1 OF 2

UPDATED: 2/16/2018

DRAWN BY: H.W.D.

TEST REPORT SUMMARY:

- MAXIMUM BASIC UNIT FRAME SIZE:
75" (1905mm) X 98 1/2" (2502mm)
- OVERALL DESIGN PRESSURE: +35/-35
- STRUCTURAL TEST PRESSURE: +52.63/-52.63 psf
- RATING: LC PG35
(Qualifies Single, Dual & Fixed Configurations)

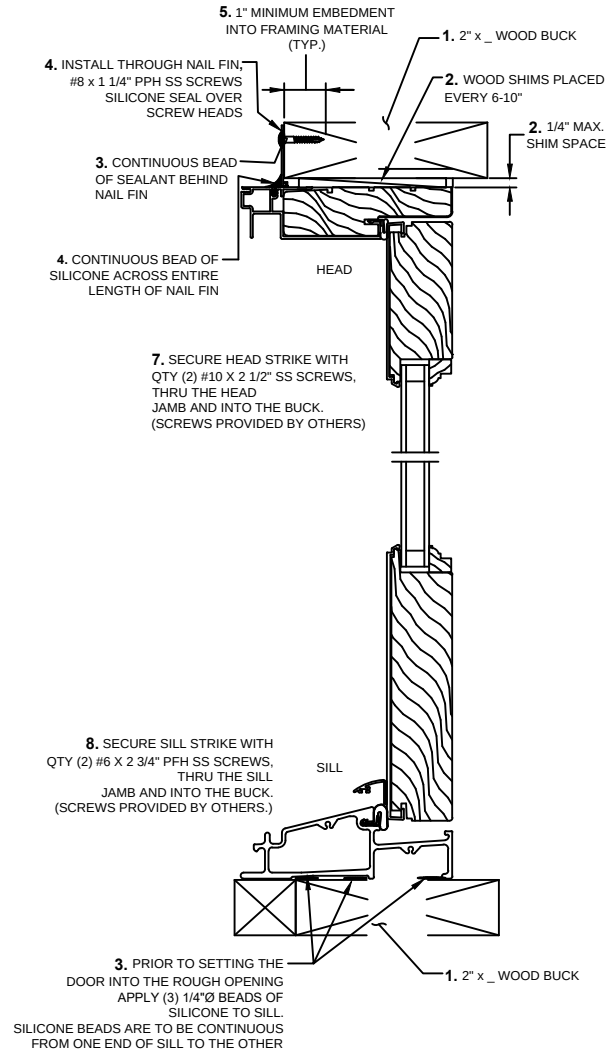
INSTALLATION NOTES:

1. USE 2" x _ WOOD BUCK
2. 1/4" MAXIMUM SHIM SPACE AT EACH JAMB. 1/4" MAXIMUM SHIM SPACE AT HEAD
 - PLACE WOOD SHIMS EVERY 6-10"
3. APPLY A CONTINUOUS BEAD OF SEALANT BETWEEN THE NAIL FIN AND THE BUCK, AT HEAD AND JAMBS
 - PRIOR TO INSTALLING DOOR, PLACE (3) ROWS OF 1/4" Ø CONTINUOUS BEADS OF SILICONE AT SILL IN LOCATIONS INDICATED
 - APPLY AT INSIDE EDGE, MIDDLE AND OUTSIDE EDGE OF SILL, WHERE THE DOOR SILL WILL COME IN CONTACT WITH SEALANT
4. INSTALL #8 X 1-1/4" PPH SCREWS SPACED APPROXIMATELY 7" FROM EACH CORNER AND 7" ON CENTER THEREAFTER THROUGH THE VINYL NAIL FIN AND INTO THE FRAMING MATERIAL, SILICONE SEAL OVER SCREW HEADS
 - PUT A CONTINUOUS CAP BEAD OF SILICONE ACROSS ENTIRE LENGTH OF THE HEAD & JAMBS VINYL NAIL FIN
 - FULLY SEAL ALL GAPS AT EACH CORNER OF THE UNIT AND THE ROUGH OPENING
5. 1" MINIMUM FASTENER EMBEDMENT INTO FRAMING MATERIAL
6. MAXIMUM DOOR SIZE: B.U.S. (Basic Unit Size) = **75" (1905mm) X 98 1/2" (2502mm)**
7. INSTALL THE **HEAD STRIKE PLATE** WITH QTY (2) #10 X 2 1/2" PFH SS SCREWS (SCREWS PROVIDED BY OTHERS). SCREWS ARE TO GO THRU THE STRIKE PLATE INTO THE HEAD AND INTO THE FRAMING MATERIAL
8. INSTALL THE **SILL STRIKE PLATE** WITH QTY (2) #6 X 2 3/4" PFH SS SCREWS (SCREWS PROVIDED BY OTHERS). SCREWS ARE TO GO THRU THE STRIKE PLATE INTO THE SILL AND INTO THE FRAMING MATERIAL
9. REPLACE ONE EXISTING SCREW IN **EACH** HINGE (8 TOTAL HINGES) WITH A #8 X 3" LONG PFH SCREW. INSTALL SCREW THRU THE HINGE INTO THE SIDE JAMB & FRAMING MATERIAL.

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 should allow a maximum of 1/4" shim space at head and jambs.
- Consult full installation instructions found on the Sierra Pacific Windows web site, www.sierrapacificwindows.com, for all recommended installation procedures.
- Wood buck, framing, fasteners, sealant and all wall system materials are provided by others, unless otherwise noted.

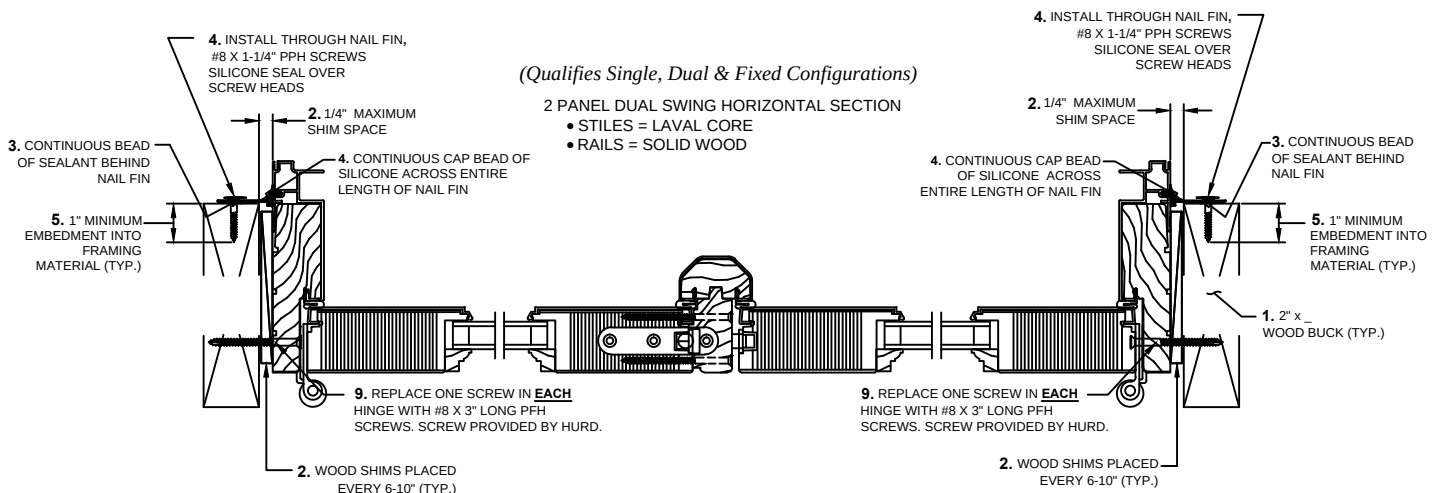
2 PANEL DUAL INSWING VERTICAL SECTION



(Qualifies Single, Dual & Fixed Configurations)

2 PANEL DUAL SWING HORIZONTAL SECTION

- STILES = LAVAL CORE
- RAILS = SOLID WOOD



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.



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Multi-Point Locking with Manual Shoot Bolts
Vinyl Nail Fin Installation / WDMA Instructions / Non-Impact

SHEET: 2 OF 2

UPDATED: 2/16/2018

DRAWN BY: H.W.D.

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THROUGH NAIL FIN ANCHOR REQUIREMENTS TABLE

THROUGH NAIL FIN with SCREWS			
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE, FASTENER SPACING	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	#8 X 1-1/4" PPH SCREWS SPACED 7" FROM EACH CORNER & 7" ON CENTER THEREAFTER.	1"	3/4"
ANCHORS MUST BE INTO A MIN. 2X_ WOOD MEMBER. IF SPACE BETWEEN WALL FRAME & WINDOW FRAME IS GREATER THAN THAT REQUIRED FOR A 2X_ WOOD MEMBER AND A SPACE EXISTS, THE SPACE MUST BE FILLED WITH A WOOD MEMBER OF EQUAL DEPTH TO THE WINDOW FRAME MEMBER OR BUCK AND OF LENGTH = MIN. 20". THE FRAME ANCHOR MUST THEN BE RUN THROUGH THE FRAME & WOOD SHIM AND INTO THE OPENING.			

HEAD & SILL STRIKES / HINGES

- INSTALL THE **HEAD STRIKE PLATE** WITH QTY (2) #10 X 2-1/2" PFH SS SCREWS
(SCREWS PROVIDED BY OTHERS). SCREWS ARE TO GO THRU THE STRIKE
PLATE INTO THE HEAD AND INTO THE FRAMING MATERIAL.
- INSTALL THE **SILL STRIKE PLATE** WITH QTY (2) #6 X 2 3/4" PFH SS SCREWS
(SCREWS PROVIDED BY OTHERS). SCREWS ARE TO GO THRU THE STRIKE
PLATE INTO THE SILL AND INTO THE FRAMING MATERIAL.
- **EACH HINGE QTY (1)** - #8 X 3" PFH SS SCREW THROUGH EACH HINGE PLATE

**ELEVATION SHOWING
FASTENER LOCATION & SPACING (TYP.)
MAXIMUM DOOR SIZE
OVERALL BASIC UNIT FRAME =
75" (1905mm) X 98 1/2" (2502mm)**

(Qualifies Single, Dual & Fixed Configurations)

