



Aluminum Clad/Wood Patio Door
Frame Size 95 1/4" X 97 3/4"
Non-Impact/**Nail Fin Installation**

TEST REPORT SUMMARY:

- MAXIMUM BASIC UNIT FRAME SIZE:
95 1/4" (2419mm) x 97 3/4" (2483mm)
- OVERALL DESIGN PRESSURE: ± 45.11 psf
- STRUCTURAL TEST PRESSURE: ± 67.67 psf
- RATING: **LC-PG45**

CCL Listing# 429-H-522.17-.21

Intertek Test Report Number: MJ9940.01

**Aluminum Clad/Wood Sliding Patio Door
Nail Fin Installation / WDMA Instructions / Non-Impact**

SHEET: 1 OF 2

FL41868

UPDATED: 04/14/2022

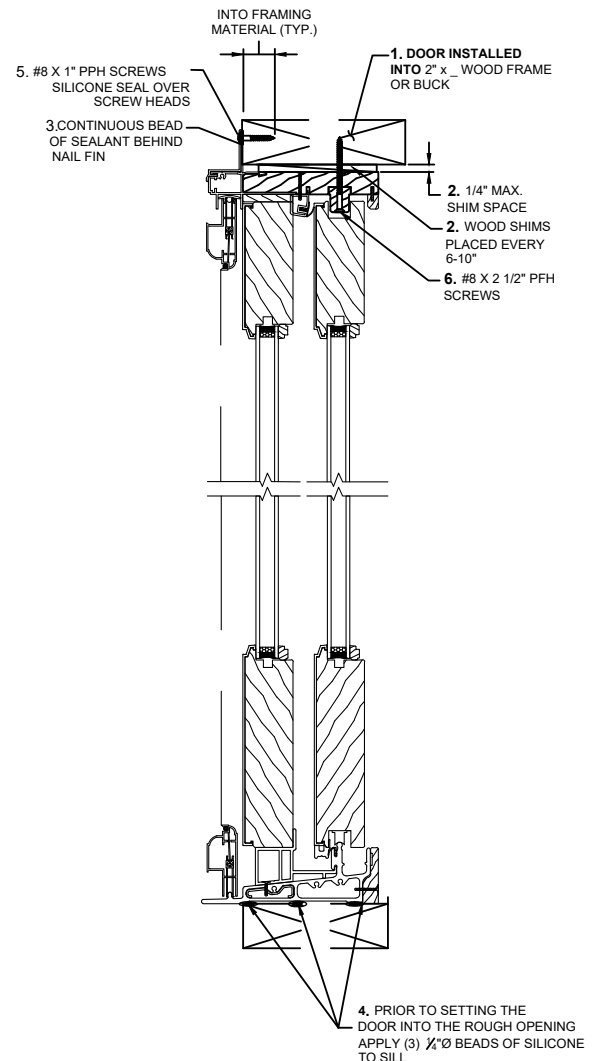
DRAWN BY: B.K.

INSTALLATION NOTES:

1. USE 2" x _ PINE FOR WOOD BUCK
2. 1/4" 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, SILL 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 1" PPH SCREWS SPACED APPROXIMATELY 4" FROM EACH CORNER AND 8-10" ON CENTER THEREAFTER THROUGH THE NAIL FIN ON THE HEAD AND SIDES, AND SILL INTO THE FRAMING MATERIAL A MINIMUM OF 1" EMBEDMENT
 - SILICONE SEAL OVER SCREW HEADS
 - FULLY SEAL ALL GAPS AT EACH CORNER OF THE UNIT AND THE ROUGH OPENING
 - PUT A CONTINUOUS CAP BEAD OF SILICONE ACROSS ENTIRE LENGTH OF THE HEAD, SILL & JAMBS NAIL FIN
6. INSTALL #8 X 2 1/2" PFH SCREWS THROUGH THE PANEL GUIDE AT THE HEAD SPACED 16" ON CENTER.

MAXIMUM DOOR SIZE: B.U.S. (Basic Unit Size):

95 1/4" (2419mm) x 97 3/4" (2483mm)

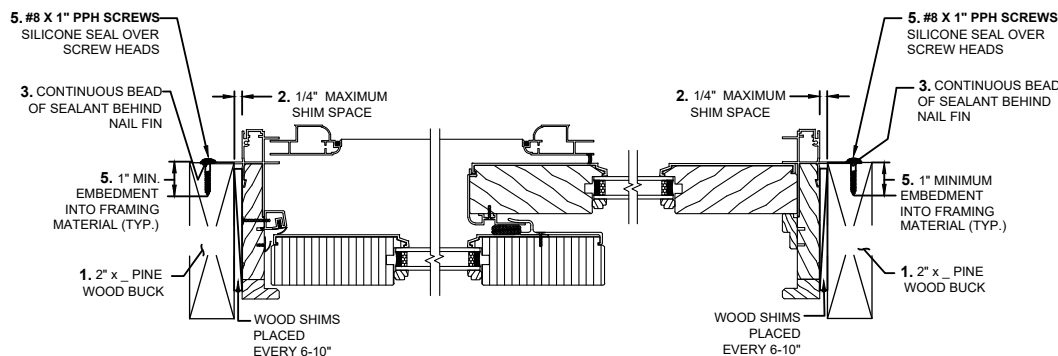


GENERAL INSTALLATION NOTES:

- 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 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

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 window installation brochure for complete flashing details.





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SHEET: 2 OF 2

UPDATED: 04/14/2022

DRAWN BY: B.K.

NAIL FIN ANCHOR REQUIREMENTS TABLE

THRU NAIL FIN with SCREWS

OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE, FASTENER SPACING	MINIMUM EMBED	MINIMUM EDGE DIST.
DOOR INSTALLED INTO 2" x _ WOOD FRAME OR BUCK	#8 x 1" PPH SCREWS SPACED 4" FROM EACH CORNER AND 8-10" ON CENTER ON THE THEREAFTER.	1"	3/8"

IF SPACE BETWEEN WALL FRAME & DOOR 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.

