



Outswing 5 Panel Bi-Fold Door (Panel 36"x95 1/2")
183" x 100" Overall Frame Size
Nail Fin Installation

TEST REPORT SUMMARY:

- OVERALL MAXIMUM BASIC UNIT FRAME SIZE:
183"(4648mm) x 100"(2540mm)
- OVERALL DESIGN PRESSURE: **±25.06 psf**
- STRUCTURAL TEST PRESSURE: **±37.59 psf**
- RATING: **LC-PG25**

CCL Listing #436-H-555.14-.16

Intertek Test Report Number: S5091.01-901-47-R0

Aluminum Clad Wood Outswing Bi-Fold Door, 5-Wide
Nail Fin Installation / WDMA Instructions

SHEET: 1 OF 2

UPDATED: 09/11/2026

DRAWN BY: B.K.

INSTALLATION NOTES:

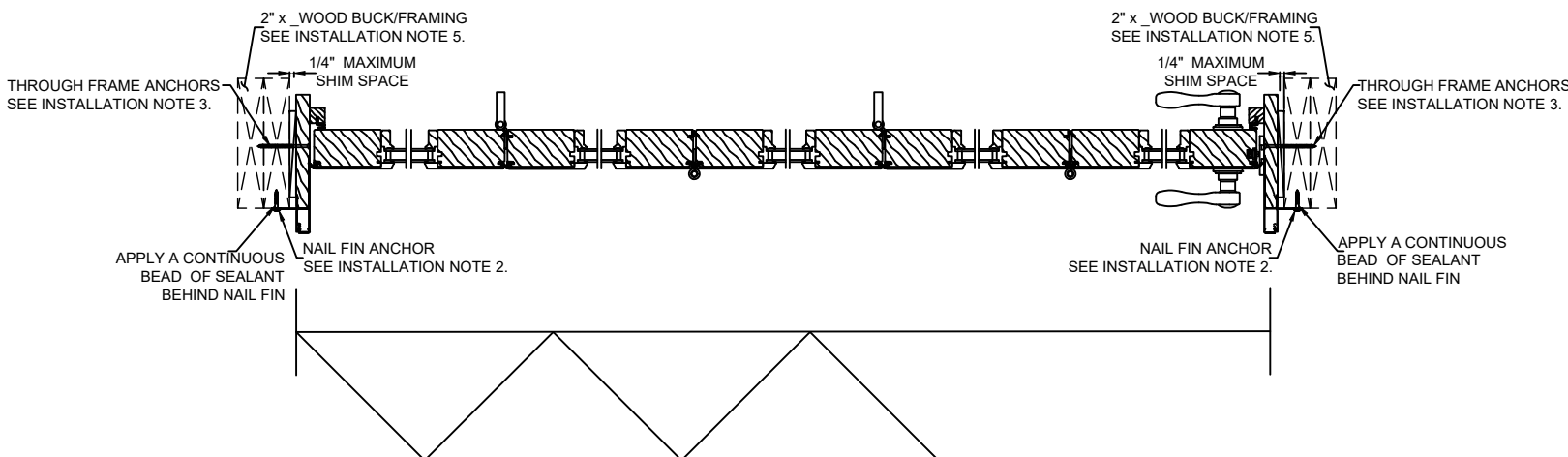
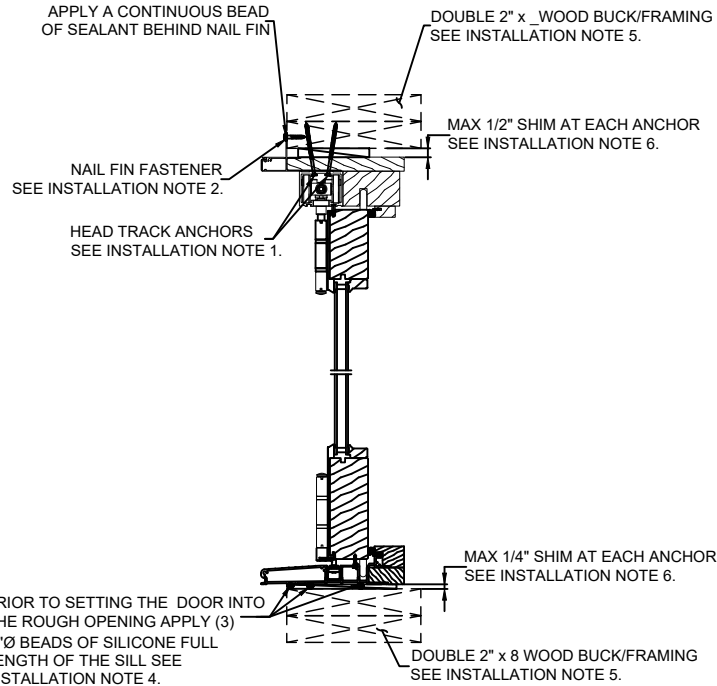
1. HEAD TRACK ANCHORS SHALL BE #10 X 3" FLAT HEAD SCREWS POSITIONED 6" FROM CORNERS AND EVERY 16" ON CENTER THEREAFTER. SCREWS SHALL EMBED THE WOOD BUCK/FRAMING MINIMUM 2 1/4" AND HAVE A BUCK/FRAMING EDGE DISTANCE OF MIN. 1". TWO ROWS OF SCREWS.
2. NAIL FIN FASTENERS SHALL BE MIN. NO. 8 X 1 5/8" FLAT HEAD SCREWS 2-3" FROM CORNERS AND 10 - 12" O.C. THEREAFTER. THEY MUST EMBED THE WOOD BUCK/FRAMING MIN. 1" AND BE MIN. 1/4" OFF THE WOOD BUCK/FRAMING EDGE. PLACE SEALANT OVER ALL NAIL FIN SCREW HEADS.
3. PLACE #8 X 3" FLAT HEAD SCREWS SPACED 6" FROM CORNERS AND MAXIMUM 16" O.C. THEREAFTER THROUGH JAMBS. SCREWS SHALL EMBED THE WOOD BUCK/FRAMING MINIMUM 1 3/4" AND HAVE A BUCK/FRAMING EDGE DISTANCE OF MIN. 1".
4. PRIOR TO SETTING THE DOOR INTO THE ROUGH OPENING APPLY (3) 1/4" BEADS OF POLYURETHANE SEALANT FULL LENGTH OF SILL
5. HEAD AND SILL BUCKS/FRAMING SHALL BE MINIMUM DOUBLE 2X8 MINIMUM GRADE 2 PINE WOOD (PRESSURE TREATED IF AGAINST MASONRY OR CONCRETE). THEY MAY BE RIPPED DOWN TO MIN. 6 3/4" BUT NO LESS THAN THAT REQUIRED FOR ALL ANCHORS TO MEET THEIR REQUIRED EDGE DISTANCES.
6. SHIMS SHALL BE PLACED AT EACH FRAME ANCHOR LOCATION ALONG THE HEAD AND SILL AND ADDITIONALLY AS REQUIRED AT EACH THE HEAD, SILL AND JAMBS TO INSURE NO ROTATION OR FLEXING OF THE DOOR FRAME OR SILL DURING DOOR OPERATION. SHIM MATERIAL SHALL BE COMPOSITE OR PLASTIC.

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
- All the weight of the door is hung from the header. The header must be capable to support the weight of the unit.
- Opening must allow a maximum of 1/2" shim space at head, and 1/4" at each jamb.
- Consult full installation instructions found on the Sierra Pacific web site, 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 door installation brochure for complete flashing details.



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 Sierra Pacific product. Proper installation of Sierra Pacific products is the responsibility of the installer. Sierra Pacific is not responsible for proper installation. Sierra Pacific is not responsible for the design of, conditions in, or performance of building construction beyond the perimeters of the Sierra Pacific units. Sierra Pacific is not responsible for proper integration of the Sierra Pacific units with the weather-repellent systems of the building.



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ELEVATION SHOWING
FASTENER LOCATION & SPACING
(TYP.)

