



ES Clad/Wood Inswing Side Hinged Patio Door,
37 3/4" x 98 1/2" Frame Size
One Wide (With Tru-Lock)
Vinyl Nail Fin Installation / Non-Impact

CCL Listing# 436-H-102.25

ELEMENT TEST REPORT NUMBER: **ESP025160P-2144.1**

Clad/Wood Inswing (Wide Stile) Side Hinged Door

One Wide (With Tru-Lock)

Vinyl Nail Fin Installation / WDMA Instructions / Non-Impact

SHEET: 1 OF 2

UPDATED: 6/15/2017

DRAWN BY: B.K.

TEST REPORT SUMMARY:

- MAXIMUM BASIC UNIT FRAME SIZE:
37 3/4" (959mm) X 98 1/2" (2502mm)
- STRUCTURAL DESIGN PRESSURE: ± 35.09 psf
- STRUCTURAL TEST PRESSURE: ± 52.63 psf
- RATING: **LC LIMITED WATER-PG35**

INSTALLATION NOTES:

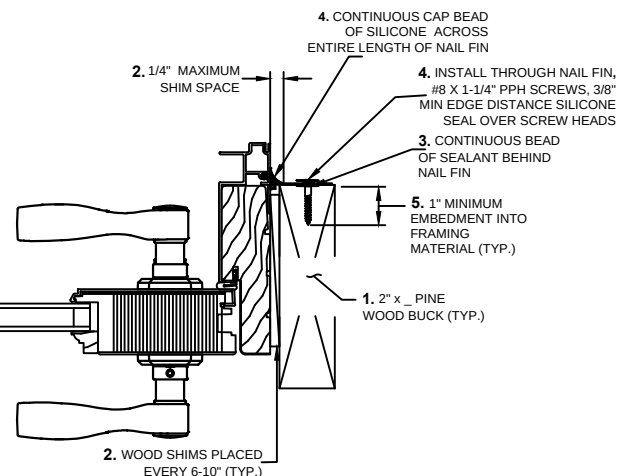
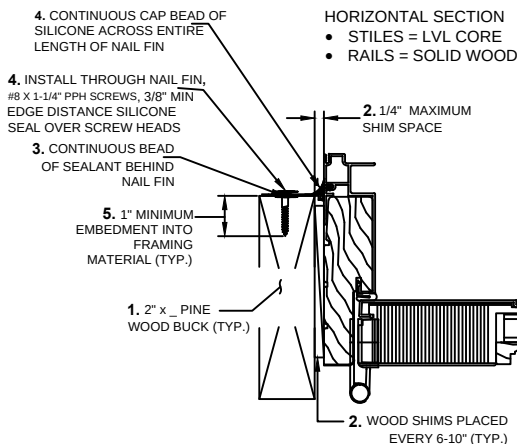
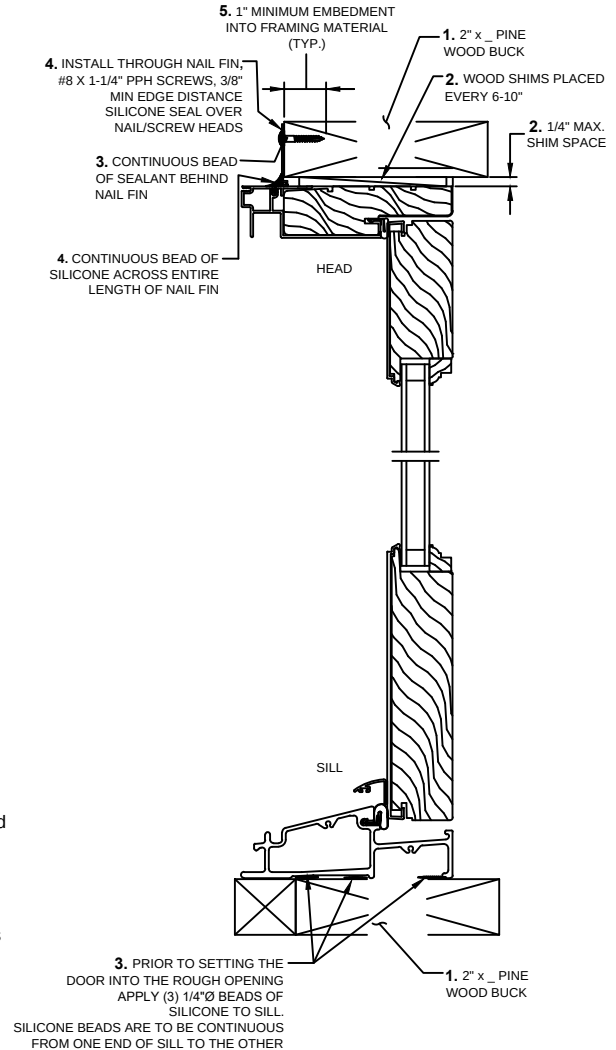
1. USE 2" x _ PINE WOOD BUCK
2. 1/4" MAXIMUM SHIM SPACE AT EACH JAMB. 1/4" MAXIMUM SHIM SPACE AT HEAD
 - PLACE WOOD SHIMS EVERY 6-10"
3. APPLY A CONTINUOUS BEAD OF SEALANT BETWEEN THE NAIL FIN AND THE BUCK, AT HEAD AND JAMBS
 - PRIOR TO INSTALLING DOOR, PLACE (3) ROWS OF 1/4" Ø CONTINUOUS BEADS OF SILICONE 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 2-3" FROM EACH CORNER AND 6-8" ON CENTER THEREAFTER THROUGH THE VINYL NAIL FIN AND INTO THE FRAMING MATERIAL, 3/8" MIN EDGE DISTANCE, 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 OPENINGONE #12 X 64mm (2 1/2") PFH SCREW PLACED THROUGH EACH HINGE PLATE INTO THE BUCK.
5. 1" MINIMUM FASTENER EMBEDMENT INTO FRAMING MATERIAL
6. MAXIMUM DOOR SIZE: B.U.S. (Basic Unit Size) = 37 3/4" (959mm) x 98 1/2" (2502mm)

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 web site, www.hurd.com, for all recommended installation procedures.
- Wood buck, framing, fasteners, sealant and all wall system materials are provided by others, unless otherwise noted.

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, untape the building wrap and trim 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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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 2-3" FROM EACH CORNER & 6-8" ON CENTER THEREAFTER ONE #12 X 64mm (2 1/2") PFH SCREW PLACED THROUGH EACH HINGE PLATE INTO THE BUCK.	1"	3/8"
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.			

**ELEVATION SHOWING
FASTENER LOCATION & SPACING (TYP.)
MAXIMUM DOOR SIZE
OVERALL BASIC UNIT FRAME =
37 3/4" (959mm) x 98 1/2" (2502mm)**

