



FeelSafe French Pushout Casement
72 3/8"x72 3/16" Frame Size
Aluminum Nail Fin Installation / Impact

TEST REPORT SUMMARY:

- MAXIMUM UNIT FRAME SIZE:
72 3/8"(1838mm) x 72 3/16"(1834mm)
- OVERALL DESIGN PRESSURE: ± 55.14 psf
- STRUCTURAL TEST PRESSURE: ± 82.71 psf
- RATING: **LC-PG55**

CCL Listing #436-H-105.76-.79

ELEMENT TEST REPORT# ESP029419P-2365

FeelSafe French Pushout Casement

Aluminum Nail Fin Installation / WDMA Instructions / Impact

SHEET: 1 OF 2

UPDATED: 3/25/2019

DRAWN BY: B.K.

INSTALLATION NOTES:

1. USE 2" x _ WOOD BUCK
2. 1/4" MAXIMUM SHIM SPACE AT HEAD, SILL, JAMB
3. APPLY A CONTINUOUS BEAD OF SEALANT BETWEEN THE ALUMINUM NAIL FIN AT THE HEAD, SILL & SIDE JAMBS AND THE BUCK
4. - INSTALL #8 X 1-1/4" SS PPH SCREWS SPACED APPROXIMATELY 2-3" FROM EACH CORNER AND 8" ON CENTER THEREAFTER THROUGH THE ALUMINUM NAIL FIN AND INTO THE FRAMING MATERIAL AT SIDE JAMBS, SILL AND AT HEAD, 3/8" MINIMUM EDGE DISTANCE
5. - 1" MINIMUM FASTENER EMBEDMENT INTO FRAMING MATERIAL,
- SILICONE SEAL OVER SCREW HEADS
6. MAXIMUM WINDOW SIZE: B.U.S. (Basic Unit Size)
FRAME SIZE: 72 3/8"(1838mm) x 72 3/16"(1834mm)

- 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, 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.

GLAZING SPECIFICATION

INSULATED LAMINATED GLASS

(1") INSULATING GLASS UNIT COMPRISED OF CARDINAL 3.1mm ANNEALED / .090" SAFLEX PVB / 3.1mm ANNEALED / 11mm (7/16") STAINLESS STEEL SPACER / 3.1mm TEMPERED

SAFLEX PVB INTERLAYER: NOA No. 18-0301.05

NOTES:

1. NEOPRENE SETTING BLOCKS WITH 70 TO 90 SHORE A DUROMETER HARDNESS ARE REQUIRED.
2. AS-TESTED 1" INSULATED LAMINATED GLASS SHOWN.

THE UNIT WAS INTERIOR GLAZED UTILIZING A 25mm (1") INSULATING GLASS. A CONTINUOUS BEAD OF GLAZING COMPOUND 3mm (1/8") X 29mm (1/4") IS APPLIED TO THE GLASS/EXPOSED SASH CLADDING WITH A 16mm (5/8") GLASS BITE AND THEN BACKFILLED. THE INTERIOR GLAZING STOPS WERE SECURED WITH 18 GAUGE X 32mm (1-1/4") LONG T-NAILS SPACED 51mm (2") FROM EACH CORNER AND 102mm - 127mm (4" - 5") ON CENTER. GLASS SETTING BLOCKS WERE USED AROUND THE GLASS TO SASH.

4. #8 X 1-1/4" PPH SCREWS

3/8" MIN EDGE DISTANCE
SILICONE SEAL OVER
SCREW HEADS

5. 1" MIN. EMBEDMENT
INTO FRAMING MATERIAL
(TYP.)

VERTICAL SECTION VIEW

1. 2" x _ PINE
WOOD BUCK

3. CONTINUOUS BEAD
OF SEALANT BEHIND
ALUMINUM NAIL FIN

ALUMINUM
NAIL FIN

2. 1/4" MAXIMUM
SHIM SPACE

4. #8 X 1-1/4" PPH SCREWS
MIN 3/8" EDGE DISTANCE
SILICONE SEAL OVER
SCREW HEADS

2. 1/4" MAX.
SHIM SPACE

3. CONTINUOUS BEAD
OF SEALANT BEHIND
ALUMINUM NAIL FIN

5. 1" MIN. EMBEDMENT
INTO FRAMING MATERIAL
(TYP.)

1. 2" x _ PINE
WOOD BUCK

3. CONTINUOUS BEAD
OF SEALANT BEHIND
ALUMINUM NAIL FIN

4. #8 X 1-1/4" PPH SCREWS
MIN 3/8" EDGE DISTANCE
SILICONE SEAL OVER
SCREW HEADS

EXTERIOR

5. 1" MIN.
EMBEDMENT
INTO FRAMING
MATERIAL (TYP.)

1. 2" x _ PINE
WOOD BUCK (TYP.)

2. 1/4" MAXIMUM
SHIM SPACE

INTERIOR

4. #8 X 1-1/4" PPH SCREWS
MIN 3/8" EDGE DISTANCE
SILICONE SEAL OVER
SCREW HEADS

3. CONTINUOUS BEAD
OF SEALANT BEHIND
ALUMINUM NAIL FIN

5. 1" MIN.
EMBEDMENT
INTO FRAMING
MATERIAL (TYP.)

1. 2" x _ PINE
WOOD BUCK (TYP.)

2. 1/4" MAXIMUM
SHIM SPACE

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.



**SIERRA
PACIFIC**
WINDOWS

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SHEET: 2 OF 2

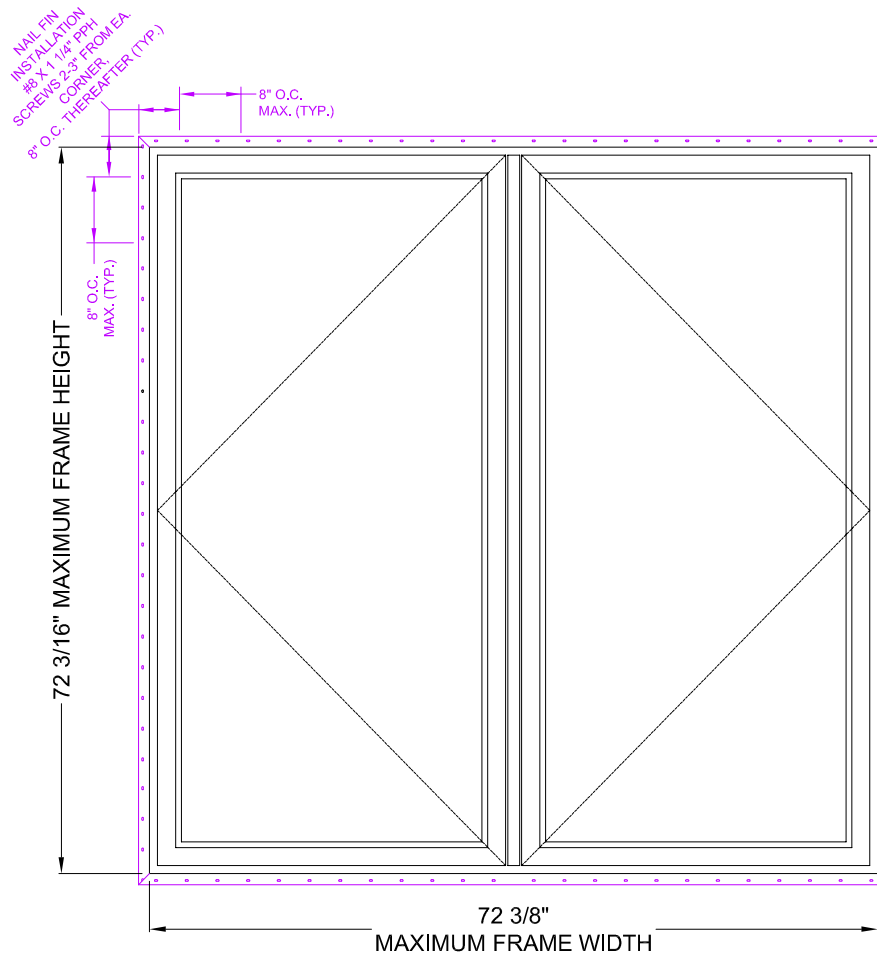
UPDATED: 3/25/2019

DRAWN BY: B.K.

ALUMINUM NAIL FIN ANCHOR REQUIREMENTS TABLE

THROUGH ALUMINUM NAIL FIN - SCREWS

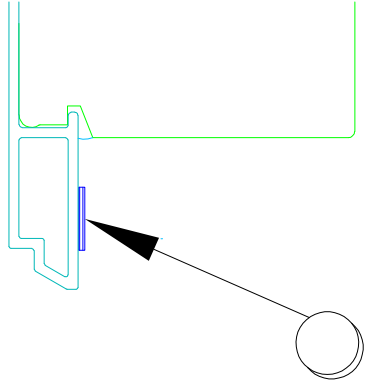
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE, FASTENER SPACING	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	#8 X 1-1/4" SS PPH SCREWS SPACED 2-3" FROM EACH CORNER & 8" ON CENTER THEREAFTER.	1"	3/8"
ANCHORS MUST BE INTO A MIN. 2X_ WOOD MEMBER. IF SPACE BETWEEN WALL FRAME & WINDOW 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.			



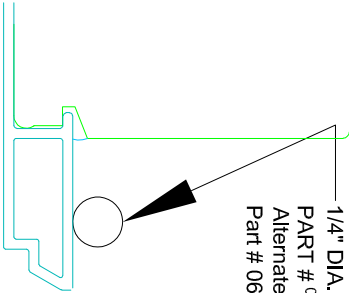
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PART # 094039
.031" X 5/16" DIA. CLEAR GLAZING BUMP-ON

PLACE 3" FROM DLO AND 16" ~ 18" O.C.

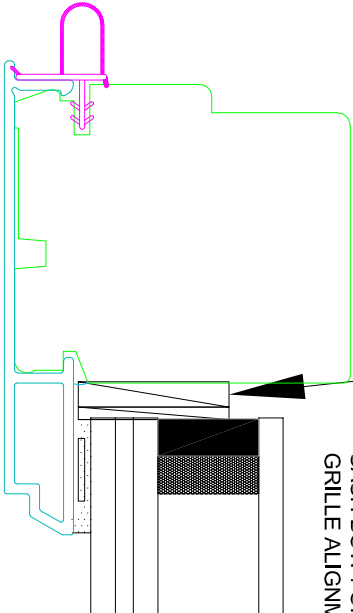


1/4" DIA. TREMCO S900 SILICONE
PART # 094042/094043
Alternate Sealant Tremco S500
Part # 065490

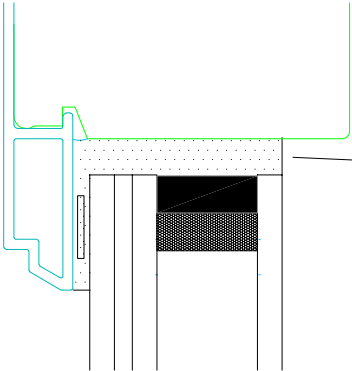


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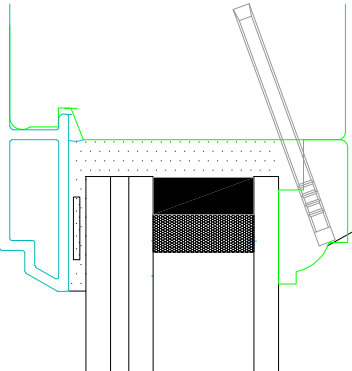
SET BLOCKS MUST BE HELD
10" ~12" FROM CORNERS
AND AS REQUIRED TO CONTROL
SASH BOW FOR HANDLING AND
GRILLE ALIGNMENT



TREMCO S900 BACK-FILL
TOOL FLAT WITH GLASS SURFACE



18 GA X 1" BRAD
2" FROM END, 8"~10" O.C.



NO.

DESCRIPTION

EPCN #

DATE

BY

EPCN180012

Impact Push Out Clad Casement
Glazing Procedures

TOLERANCES UNLESS SPECIFIED. ALL WOOD DIMENSIONS:
XX.XXX±0.005 LENGTH DIMS±0.015 ANGLES±0.5°

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SCALE/FULL:

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