44

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 1618 SW Dausy **Project Name:** Richards

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS	MASONITE	STEEL PREHUNG SINGLE	4904.1
1. Swinging	MASONITE	STEEL PREHUNG DOUBLE	5465.1
2. Sliding	MIWNDW/DOOR	ALUMINUM PATIO	5483.R1
3. Sectional	WAYNE-DALTON	SERIES 8000	22-R1
4. Roll up			
5. Automatic			
6. SWINGING	THERMA-TRU	FG GENERAL	8838-R1
B. WINDOWS			
1. Single hung	BETTERBILT	ALUMINUM SINGLEHUNG SERIES 740	8455.R1
2. Horizontal Slider	SILVERLINE	VINYL SERIES 8800	6692
3. Single Hung	YKK America	VINYL SERIES STYLEVIEW	8114-R1
4. Double Hung	VIWINTECH	VINYL SERIES 2100 DH	8206.R1
5. Fixed	VIWINTECH	VINYL SERIES 2100 FIXED	8784-R1
6. Single Hung	VIWINTECH	VINYL SERIES 2100 SH	8957-R1
7. Pass -through			
8. Projected			
9. Mullion	BETTERBILT	ALUMINUM 60" X 3-5/8" X 1-1/4"	7096
10. Wind Breaker			
11 Dual Action			
12. Other	CAPITOL	VINYL SINGLEHUNG SERIES 3540	5435.8
C. PANEL WALL			
1. Siding	JAMES HARDIE	CEMENT LAP SIDING	889.R2
2. Soffits	ALCOA	ALUMINUM	5543
3. Siding	NICHIHA	CEMENT LAP SIDING	12098
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other	PLY-GEM	VINYL SIDING	15152.7
D. ROOFING PRODUCTS			
1. Asphalt Shingles	TAMKO	25 YEAR ELITE 3-TAB	1956.2
2. Under Layments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	FABRAL	GRAND RIB-3	5699
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	SIMPSON	STRONG TIE / STRAPS & CONNECTORS	474,538,1901,1725
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

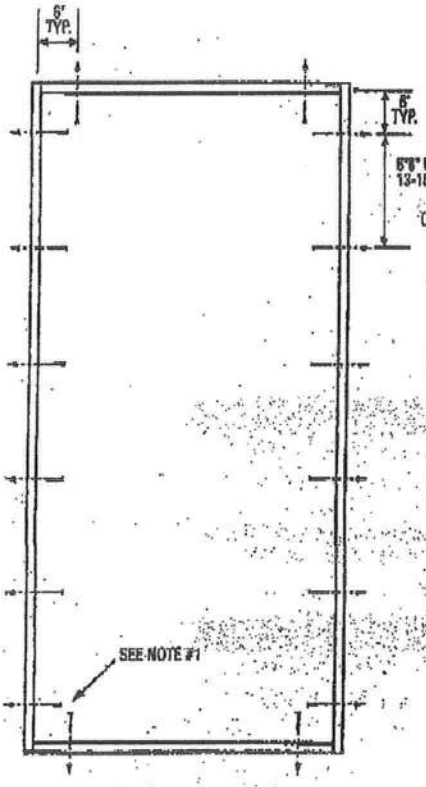
Location

Permit # **(FOR STAFF USE ONLY)**

X
Unit

MID-WL-MA0001-02

SINGLE DOOR



Minimum Fastener Count

- 5 per vertical framing member
- 2 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warnock Hersey

Test Data Review Certificate #3025447A; #3025447B; #3025447C and CDP Test Report Validation Memo #3025447A-001, 002, 003, 004; #3025447B-001; 002, 003, 004; #3025447C-001, 002, 003, 004 provides additional information available from the ITS/WH website (www.etsamko.com), the Masonite website (www.masonite.com) or the Masonite Technical Center.

Latching Hardware:

- [1] Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed @ 5-1/2" centerline.
- [2] Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed @ 10-1/2" centerline OR that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed @ 5-1/2" centerline with 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts installed on latch side of active door panel – (1) at top and (1) at bottom.
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Hardware requirements not footnoted on CDP documents shall comply with item 1 as shown above.

Notes:

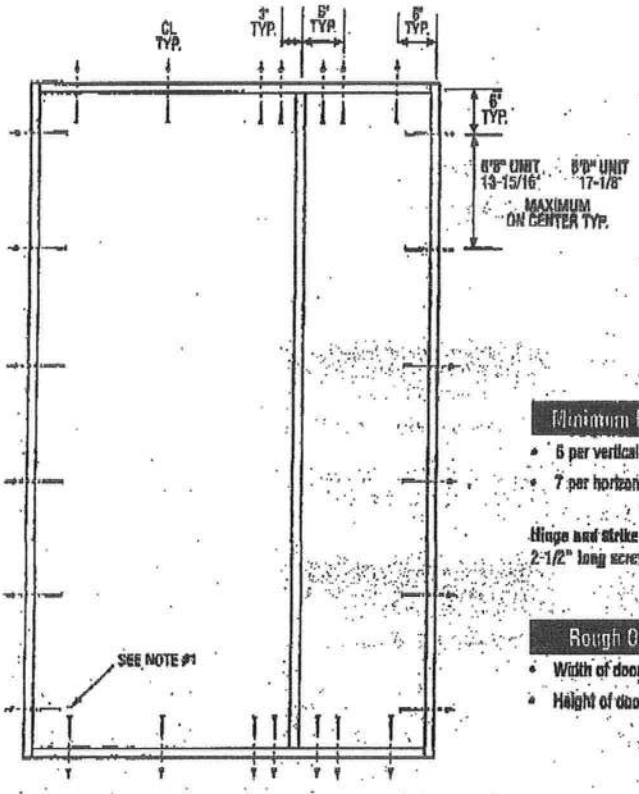
1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons. A physical shim must be placed in shim space at each anchor location. Threshold fasteners analyzed for this unit include #8 and #10 wood screws, 3/16" Tapcons, or Liquid Nails Builders Choice 490 (or equal structural adhesive).
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

Masonite

XO or **OX**
Unit

MID-WL-MA0003-02

SINGLE DOOR WITH 1 SIDELITE



Minimum Fastener Count

- 6 per vertical framing member
- 7 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warnock Hersey · Test Data Review Certificate #3028447A; #3028447B; #3028447C and CDP/Test Report Validation Matrix #3028447A-001, 002, 003, 004; #3028447B-001, 002, 003, 004; #3028447C-001, 002, 003, 004 provides additional information • available from the ITS/WH website (www.etsemko.com), the Masonite website (www.masonite.com) or the Masonite Technical Center.

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Hardware requirements not installed on CDP specimens shall comply with Note 1 as shown above.

Notes:

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3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

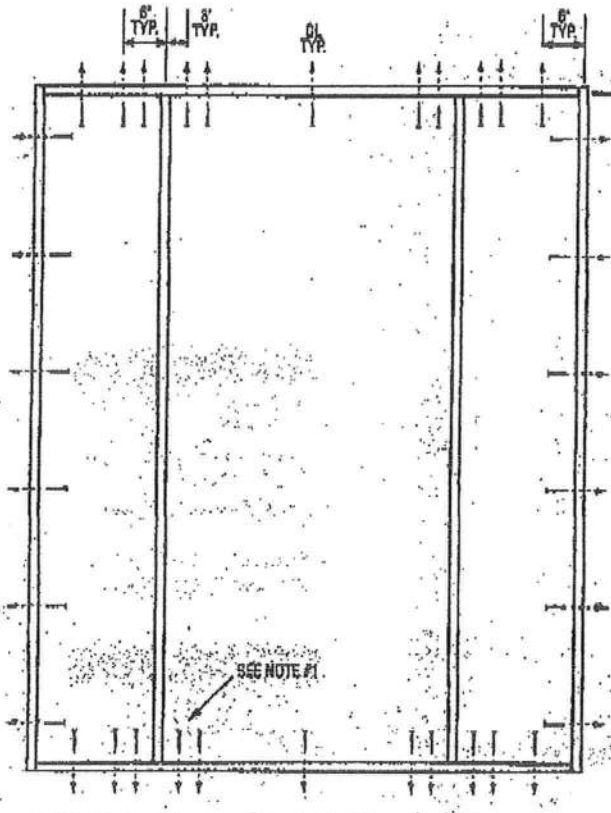
October 27, 2003
For continuing support of product improvement review specifications, design and product detail subject to change without notice.

Masonite®

OXO
Unit

MID-WL-MA0004-02

SINGLE DOOR WITH 2 SIDELITES



Minimum Fastener Count

- 6 per vertical framing member.
- 11 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warnock Hersey Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003, 004; #3026447B-001, 002, 003, 004; #3026447C-001, 002, 003, 004 provides additional information - available from the ITS/WH website (www.etsewh.com), the Masonite website (www.masonite.com) or the Masonite Technical Center.

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Hardware requirements not footnoted on DOI documents shall comply with item 1 as shown above.

Notes:

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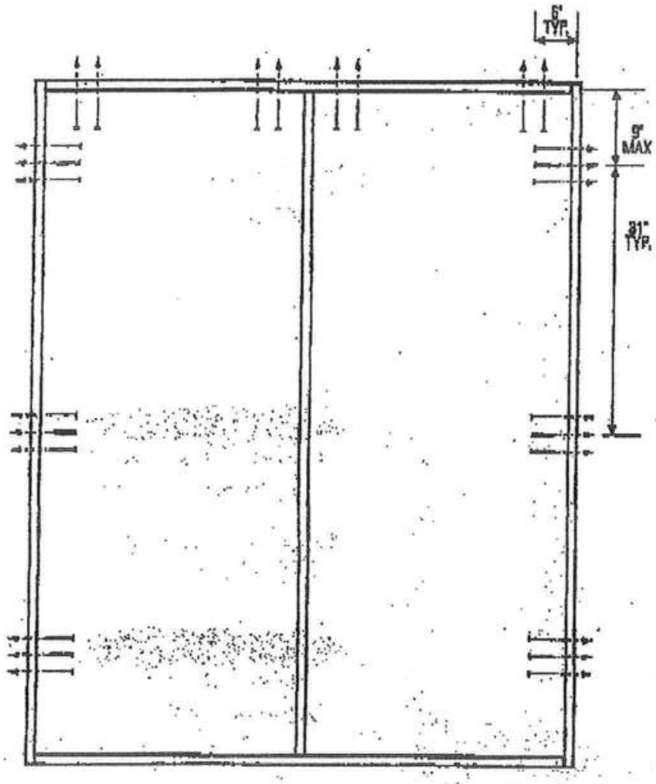
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

Masonite

XX
Unit

MID-WL-MA0002-02

DOUBLE DOOR



Minimum Fastener Count

- 6 per vertical framing member for 7'0" heights and smaller
- 8 per vertical framing member for heights greater than 7'0"
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warnock Hersey Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003, 004; #3026447B-001, 002, 003, 004; #3026447C-001, 002, 003, 004 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite Technical Center.

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Hardware requirements not footnoted on COP documents shall comply with item 1 as shown above.

Notes:

1. Anchor calculations have been carried out with the fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 wood screws and 10d common nails. A physical shim must be placed in shim space at each anchor location. Threshold fasteners analyzed for this unit include Liquid Nails Builders Choice 490 (or equal structural adhesive).
2. The wood screw and common nail single shear design values come from ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment of 1-1/4".
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

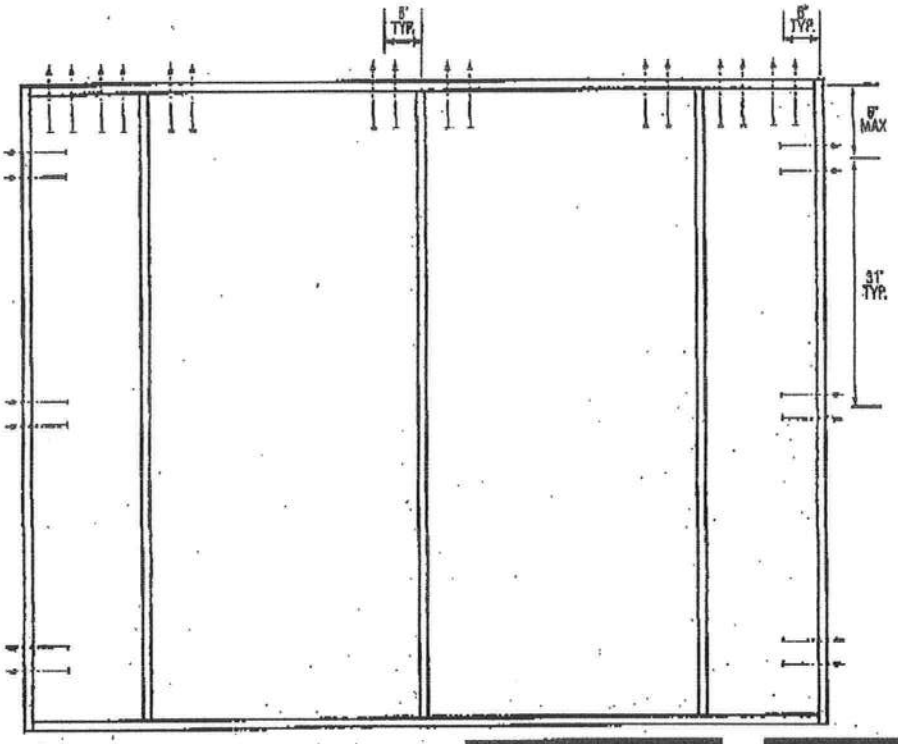
October 27, 2003
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

Masonite®

OXXO
Unit

MID-WL-MA0005-02

DOUBLE DOOR WITH 2 SIDELITES



Minimum Fastener Count

- 8 per vertical framing member for heights 7'0" and smaller
- 8 per vertical framing member for heights greater than 7'0"
- 16 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warnock Hersey

Test Data Review Certificate #3026447A; #3026447B; #3026447C and CSA Test Report Validation Metric #3026447A-001, 002, 003, 004; #3026447B-001, 002, 003, 004; #3026447C-001, 002, 003, 004 provides additional information - available from the ITS/WH website (www.wherma.com), the Masonite website (www.masonite.com) or the Masonite Technical Center.

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Hardware requirements not footnoted on COI documents shall comply with item 1 as shown above.

Notes:

1. Anchor calculations have been carried out with the fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include 10d common nails. A physical shim must be placed in shim space at each anchor location. Threshold fasteners analyzed for this unit include Liquid Nails Builders Choice 490 (or equal structural adhesive).
2. The common nail single shear design values come from ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment of 1-1/4".
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

October 27, 2003
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Masonite

INSTALLATION INSTRUCTIONS

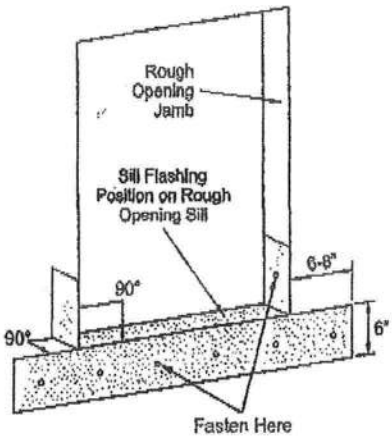


Figure 1

Prepare the Opening

1. Ensure the rough opening is 1/2" larger in width and height than the window and that it is plum and square.
2. Close and lock the sash to help keep the unit square.
3. Apply flashing to the sill. (See Figure 1)
4. Apply a continuous bead of silicone caulk to the perimeter of the rough opening where the nail fin will make contact (no more than 1/4" from the edge of the rough opening). (See Figure 2)

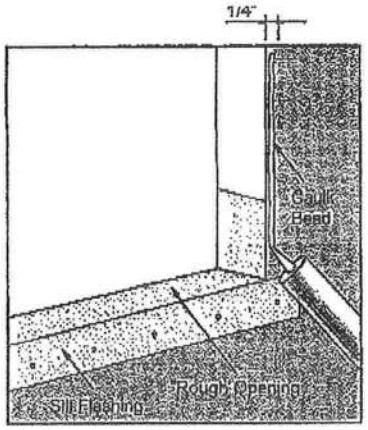


Figure 2

Install the Window

5. Place 1/4" shims at either end and in the middle of the sill plate. Place the window in the rough opening from the outside and center the unit in the opening, leaving a 1/4" gap between window unit and rough opening structure on all sides. Units wider than 30" should have additional shim support at the sill every 12". (See Figure 3)
6. Secure the unit by loosely nailing though the center of a nail slot at the top of one of the jambs using a galvanized roofing nail or a #8 pan head corrosion resistant screw. (See Figure 4)

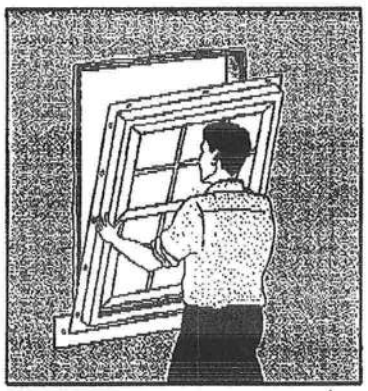


Figure 3

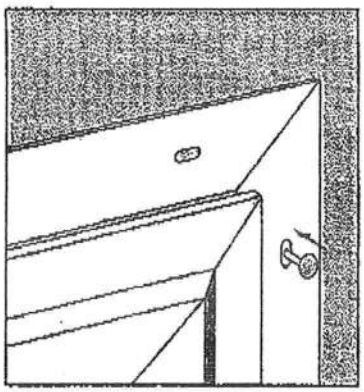


Figure 4

INSTALLATION INSTRUCTIONS

Install the Window (Continued)

7. Check to make sure the sill is level and shim as necessary at the sill ends.
8. Make sure the frame is plumb and jambs straight, shim at top, bottom and mid point to correct any deflection.
9. Take diagonal measurements to assure the unit is square. Opening the bottom sash approximately 1/4" will provide visual confirmation of proper setting if the reveal between frame and sash are equal the entire width. (See Figure 5)
10. Finish nailing the unit using every other nail slot at a minimum. Use galvanized roofing nails or #8 pan head corrosion resistant screws capable of penetrating 3/4" of the framing structure. Make sure jambs are not bowed and head and sill are not crowned up or down.
11. Operate the window to confirm proper installation.
12. Use a 6" felt paper, or equivalent, flashing over the nail fin on jambs first. Flashing should extend 6" above the head of the window and 6" below the sill of the window. Apply the flashing at the head and overlap the jamb flashing on either side. (See Figure 6) The head flashing should be caulked or taped on the top edge. (See Figure 7)
13. Use fiber glass insulation to insulate the cavity between the window and rough opening structure.

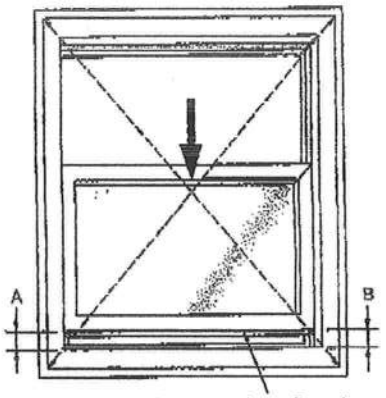


Figure 5

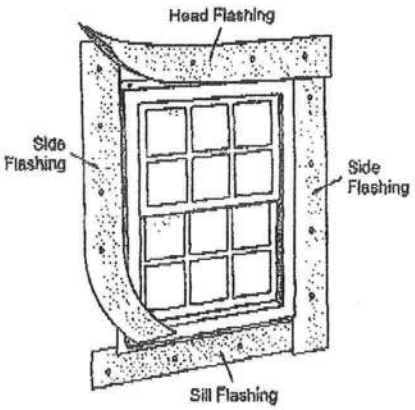


Figure 6

Caution: Do not use expanding or spray-in foam products. Using these products will void the warranty.

If using brick or stone exteriors, leave a 1/8" gap from the window unit to allow for brick and mortar expansion. Use a backer rod and silicone caulk to seal the gap.

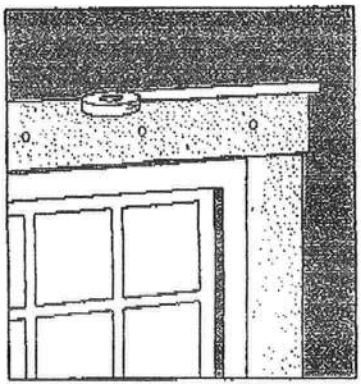


Figure 7

INSTALLATION INSTRUCTIONS

Picture Window

1. Run a bead of silicone caulk on the outside surface of the wood buck and pre-cast sill where the window flange will make contact. See Figure SH 1.

2. Set the window into the opening from the outside so the flange makes contact with the outside surface of the wood buck and pre-cast sill. See Figure SH 2.

3. Center the window in the opening and check to make sure it is plumb and square. Take diagonal measurements to assure unit is square. Shim as necessary between the window and rough opening and the window frame at pre-punched installation hole locations.

4. Secure the window in the opening through the pre-drilled holes using Tapcon® masonry fasteners. All fasteners must have at least a 1-1/2" penetration into the masonry.

5. Snap the provided covers in place over fastener installation holes.

6. From the exterior, caulk along the flange of the window to assure a watertight seal.

7. Use fiberglass insulation to insulate the cavity between the window and rough opening.

CAUTION: Do not use expanding or spray foam products. Using these products voids the warranty.

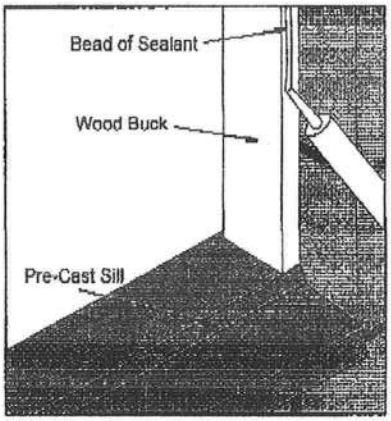


Figure SH 1

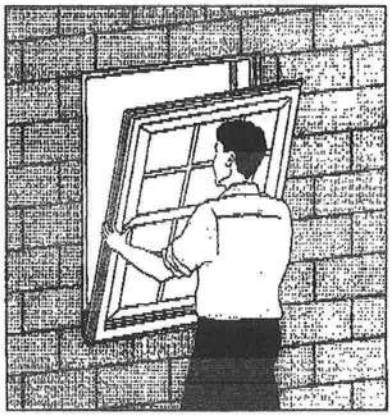


Figure SH 2

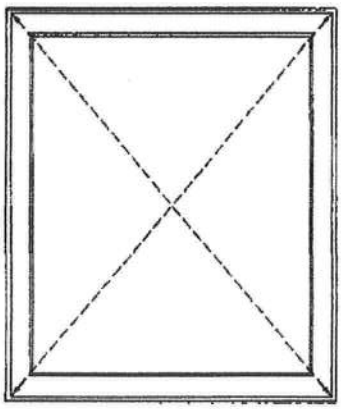


Figure SH 3

YKK AP Quality Inspires

PRECEDENCE® REPLACEMENT WINDOWS

Residential Products Division

INSTALL THIS END UP

Installation Instructions for YKK AP Replacement Windows

Prepare the Opening

Cross check height and width of the new unit for correct fit before removing the old window.

1. From the inside of the house;
   Remove the old double hung window sash by removing the interior blind stop or interior trim. Use a utility knife to break the paint bond between trim and frame. This will allow for a more attractive finish with less potential for touch up. See ① & ②.
2. Remove the bottom sash:
   Depending on the age of the unit being replaced, there may be a sash cord connected to a pulley system. Cut the sash cord to permit sash removal. See ③.
3. Remove the top sash:
   If a parting stop exists, remove with a pry bar or chisel and repeat same procedure for bottom sash.

   (If installing from the outside of the house, remove blind stop and use procedure above starting with the top sash.)

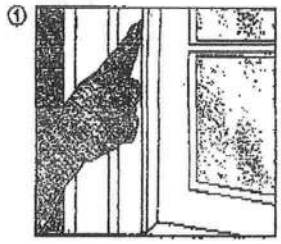
Install the Window

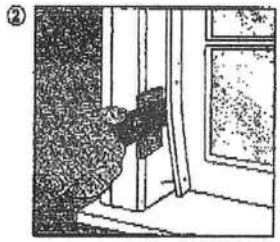
Check the opening for squareness by performing corner to corner diagonal measurements. If the opening is out of square, adjust the opening by making additional cut backs to the rough opening in the appropriate areas.

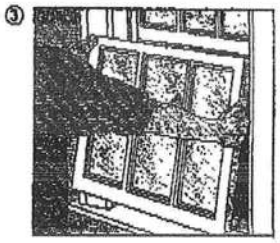
4. Place the window in the opening for a trial fit. For installations on top of sloped sills, measure from the bottom of the window to the sill directly below during the trial fit.
5. Remove the window and cut the sill extender to this height and apply to the window. See ⑤.
6. If you are using a head expander, caulk the length of the back side, place in the head of the opening against the blind stops and secure to the opening.
7. Caulk the blind stops where the window will make contact.
8. Rotate the replacement window into place and push firmly against the blind stops.

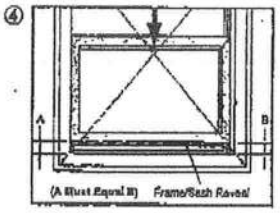
NOTE: ALL FASTENERS MUST BE A MINIMUM OF #8, CORROSION RESISTANT FLAT HEAD SCREWS THAT MUST PENETRATE THE SUB-FRAME A MINIMUM OF 3/4".

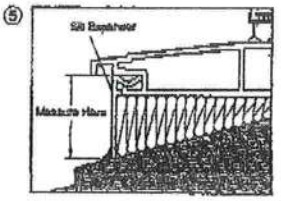
9. Take diagonal measurements to assure the unit is square. Opening the bottom sash approximately 1/2" will provide visual confirmation of the proper setting – that the reveal between frame and sash (A&B) are equal the entire width. See ④.
10. For double hung windows, use the jamb adjustment screws by turning the screw to make the jamb plumb. Double check by assuring an even weather-stripping reveal from top to bottom. A *must* equal B. See ④.
11. Fasten a screw through one of the top corners. Shims are required at each fastener location (top, middle and bottom of each jamb).
12. Check operation of the unit and make adjustments if necessary. Insulate as needed.
13. Replace interior trim, or exterior blind stop if installed from the outside.
14. Caulk bottom of sill extender to the sill and the perimeter of the unit where it meets the blind stop on the outside. See ⑤.
15. Windows should never be stored in an area where temperatures exceed 140° F.
16. Windows should never be painted. Doing so will void warranty.











NAHB RESEARCH CENTER CERTIFIED APPROVED

MI HOME PRODUCTS
- PRIME ALUMINUM WINDOWS -
INSTALLATION INSTRUCTIONS FOR "NAIL FIN" PRODUCTS

MI Home Products appreciates your recent purchase of a maintenance free prime window, which will not rust, rot, mildew, or warp. This is a quality product that left our factory in good condition -- proper handling and installation are just as important as good design and workmanship. Please follow these recommendations to allow this product to complete its function.

1. Handle units one at a time in the closed and locked position and take care not to scratch frame or glass or to bend the nailing fin.

2. Set unit plumb and square into opening and make sure that there is 3/16" ± 1/16" clearance around the frame. Fasten unit into opening in the closed and locked position, making sure that fasteners are screwed in straight in order to avoid twisting or bowing of the frame. Make sure that sill is straight and level. Check operation of unit before any and all fasteners are set.

3. Use # 8 sheet metal or wood screws with a minimum of 1" penetration into the framing (stud). Place first screws (two at each corner) 3" from end of fin. For positive and negative DPs (design pressures) up to 35, do not exceed 24" spacing of additional screws. For DPs from 35.1 to 50, do not exceed 18". Install load bearing shim adjacent to each anchor. Use shim where space exceeds 1/16".

4. Flash over head and caulk outside perimeter in accordance with code requirements and good installation practices.

5. Fill voids between frame and construction with loose batten type insulation or non-expanding aerosol foam specifically formulated for windows and doors to eliminate drafts. The use of expanding aerosol type insulating foam, which can bow the frame, waives all stated warranties.

6. Remove plaster, mortar, paint and any other debris that may have collected on the unit and make sure that sash/vent tracks and interlocks are also clear. Do not use abrasives, solvents, ammonia, vinegar, alkaline, or acid solutions for clean-up, especially with insulated glass units as their use could cause chemical breakdown of the glass seal. Take care not to scratch glass; scratches severely weaken glass and it could eventually break from thermal expansion and contraction. Clean units with water and mild detergent as you would you automobile.

- CAUTION -

MI Home Products or its representatives are unable to control and cannot assume responsibility for the selection and placement of their products in a building or structure in a manner required by laws, statutes, and/or building codes. The purchaser is solely responsible for knowledge of and adherence to the same. MI Home Products window products are not provided with safety glazing unless specifically ordered with such. Many laws and codes require safety glazing near doors, bathtubs, and shower enclosures. Also be aware of emergency egress code requirements.

Corporate Headquarters:
650 West Market St.
Gratz, PA 17030-0370
(717) 365-3300

THIS FENESTRATION PRODUCT COMPLIES* WITH THE

NEW FLORIDA BUILDING CODE

FOR RESIDENTIAL BUILDINGS WITH A MEAN ROOF HEIGHT OF 30 FT. OR LESS, *EXPOSURE "B"* (WHICH IS INLAND OF A LINE THAT IS 1500 FT. FROM THE COAST), AND *WALL ZONE "5"* (INSTALLED NEAR THE CORNER OF THE BUILDING).

PER *ASTM E1300*, THE CORRECT GLASS THICKNESS, BASED ON THE *NEGATIVE* DESIGN PRESSURE (DP) LISTED BELOW, HAS BEEN INSTALLED IN THIS UNIT. THE GLASS THICKNESS IS BASED ON ITS' WIDTH, HEIGHT, AND ASPECT RATIO.

WIND ZONE: 110 MPH

DESIGN PRESSURE (DP): +21.8 / -29.1

THIS PRODUCT MEETS THE REQUIREMENTS FOR STRUCTURAL LOADS, WATER AND AIR INFILTRATION PER ATTACHED *AAMA* PERFORMANCE LABEL. BE ADVISED THAT IF LOADS ARE PLACED UP TO OR EXCEEDING THE TESTED LEVELS, THIS PRODUCT MAY BE ALTERED IN SUCH A WAY THAT FUTURE PERFORMANCE WILL BE REDUCED.

* COMPLIANCE MUST INCLUDE INSTALLATION ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND FLORIDA CODE REQUIREMENTS.

MIP-467

Cal-Tech Testing, Inc.

• Engineering
• Geotechnical
• Environmental
Laboratories

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
450 SR 13 N., Suite 206. #308. Jacksonville, FL 32259 • Tel(904)381-8901 • Fax(904)381-8902

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 13-00260-01
DATE TESTED: 6/20/13
DATE REPORTED: 6/27/13

PROJECT:	1618 SW Daisy Rd. - Ft. White, Florida
CLIENT:	North Florida Septic Tank, Inc., 580 NW Guerdon Street, Lake City, Florida 32055
GENERAL CONTRACTOR:	North Florida Septic Tank, Inc.
EARTHWORK CONTRACTOR:	North Florida Septic Tank, Inc.
INSPECTOR:	D. King

ASTM METHOD	SOIL USE
(D-6938) Nuclear	BUILDING FILL

SPECIFIED REQUIREMENTS: 95%

TEST NO.		TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft^3)	MOISTURE PERCENT	DRY DENSITY (lb/ft^3)	PROCTOR TEST NO.	PROCTOR VALUE	MAXIMUM DENSITY
1		Northeast Corner 10' West, 15' South	0-12"	107.4	3.4	103.9	1	104.0	100%
2		Southwest Corner 12' East, 10' North	0-12"	104.9	2.1	102.7	1	104.0	99%
3		Approximate Center of Pad 1' below Finished Elevation	0-12"	109.9	6.5	103.2	1	104.0	99%

REMARKS: The Above Tests Meet Specified Requirements.

PROCTORS

PROCTOR NO.		SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft^3)	OPT. MOIST.	TYPE
1		Tannish Brown Sand (SP) (Refer to: CTI Job No.: 12-00234-01)	104.0	10.0	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda M. Creamer, CEO, DOE

Linda M. Creamer
President - CEO

Reviewed By:

Date: 6/27/2013
Licensed Florida No: 57842