

DATE 12/07/2010

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000029050

APPLICANT JOHN C. BARBER PHONE 386.943.9433
ADDRESS 420 N.BOUNDARY AVENUE DELAND FL 32720
OWNER MILDRED WARD PHONE 386.752.6088
ADDRESS 478 SE LAMOND AVENUE DELAND FL 32720
CONTRACTOR AARON ALBERT PHONE 386.943.9433
LOCATION OF PROPERTY S. MARION AVENUE TO BAYA, TL TO LAMONT AVENUE, TL AND IT'S
THE 4TH HOME ON L.

TYPE DEVELOPMENT UPGRADES/REPAIRS ESTIMATED COST OF CONSTRUCTION 5162.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT REAR SIDE
NO. EX.D.U. 1 FLOOD ZONE DEVELOPMENT PERMIT NO.

PARCEL ID 33-3S-17-06645-000 SUBDIVISION MELROSE PARK
LOT 1-3 BLOCK H PHASE UNIT TOTAL ACRES 0.38

CGC1516617
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING N/A JLW n
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE.

Check # or Cash 114600

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Insulation date/app. by
Rough-in plumbing above slab and below wood floor date/app. by Electrical rough-in date/app. by
Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by Pool date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by
Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 30.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 30.00
INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

For Office Use Only Application # 1012-09 Date Received 1/7 By JW Permit # 29056

Zoning Official _____ Date _____ Flood Zone _____ Land Use _____ Zoning _____

FEMA Map # _____ Elevation _____ MFE _____ River _____ Plans Examiner _____ Date _____

Comments _____

☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # _____

☐ Dev Permit # _____ ☐ In Floodway ☒ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS _____ Fire _____ Corr on file Road/Code _____

School _____ = TOTAL 0

Septic Permit No. NA Fax _____

Name Authorized Person Signing Permit John Barber Phone 386.9435433

Address 420 N. Boundary Ave. Deland, FL 32720

Owners Name Mildred Ward Phone 386-752-6088

911 Address 478 SE Lamond Ave. Lake City, FL 32025

Contractors Name Aaron Albert Phone 386-943-9433

Address 420 N. Boundary Ave. Deland, FL 32720

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address _____

Mortgage Lenders Name & Address SIEC, LLC OAK, FL 32060

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 33-38-17-06645-000 Estimated Cost of Construction 516200

Subdivision Name Melrose Park Lot 123 Block H Unit _____ Phase _____

Driving Directions On Madison to Bayo, L. on Bayo - L. on Lament Ave.

4th House on left.

Number of Existing Dwellings on Property 1

Construction of REPAIR/UPGRADE Total Acreage 38 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____

Actual Distance of Structure from Property Lines - Front _____ Side _____ Side _____ Rear _____

Number of Stories _____ Heated Floor Area _____ Total Floor Area _____ Roof Pitch _____

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. **CODE: Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code.**

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

(Owners Must Sign All Applications Before Permit Issuance.)

Mildred Ward
Owners Signature

****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

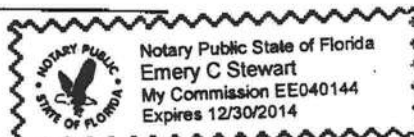
[Signature]
Contractor's Signature (Permitee)

Contractor's License Number C6C1516617
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 1 day of Dec, 2010.
Personally known ☒ or Produced Identification _____

[Signature]
State of Florida Notary Signature (For the Contractor)

SEAL:



Bid Proposal for Client Name: Mildred Ward

Address: 478 SE Lamond Ave.

City, State and Zip Lake City, FL 32025

USE LEAD SAFE WORK PRACTICES

Walk Thru Date:

November 19, 2010

Contractor Name: McNeal & WhiteContractor Address: 420 N BoundaryContractor Ph # 407-402-4432

CO9/10-287

10 ARCO 287

Item #	Description	REQUIRED MEASURES	Material	Labor	
1	Install <u> </u> Air Filters - AC / HEAT - Size				
2	Install <u> </u> Low Flow Showerhead				
3	Install <u> </u> Aerators				
4	Install Water Heater Wrap				
5	X Install Water Line Insulate HWH		15	15	30.00
6	Install Caulk				
7	X Install <u>2</u> Exterior Doors: BOTH SOLID PEEP DEAD BOLTS				
8	X Minor Ceiling Repairs - Location: <u>INSTALL ATTIC ACCESS LID & TRIM</u>		550	375	
9	Minor Floor Repair - Location:		25	25	
10	X Minor Wall Repair - Location: <u>BED RM CLOSET @ BREAKER/KITCHEN</u>		35	43	
11	Install <u> </u> Thresholds				
12	X Install Weather stripping: <u>WINDOW @ A/C w/ ATTIC ACCESS</u>		15	18	
13	Repair <u>4</u> windows, caulk and finish, replace rotten wood, if necessary		390	225	
14	X Repair <u>4</u> window, caulk and finish, replace rotten wood, if necessary	OR			
15	Repair/Service Central Cooling/Heating				
16	Replace Central Cooling/Heating				
17	Install Thermostat				
18	Install Window Unit Cooling Only:				
	110 - <u> </u> BTU's 220 - <u> </u> BTU's				
19	X Install RVS Cycle Cooling/Heating Unit:				
	110 - <u> </u> BTU's 220 - <u>18,500</u> BTU's				
20	Install Gas Furnace		760	255	
21	X REMOVE (2) GAS Space Heaters				
22	Repair Duct System:		10	25	
23	Install <u> </u> Gas Space Heaters				
24	X Install Attic Insulation <u>862</u> sq ft R-38-0 EXISTING, ADD Baffles		368	348	
25	Install Floor Insulation <u> </u> sq ft R-				
26	Install MH Roof Coating				
27	X Install <u>13</u> Solar Screens		455	299	
28	X Attic Ventilation <u>APPROX. 24-2 INCH HOLE VENTS</u>		175	175	
29	X Install <u>6</u> CFL Bulbs: not to exceed \$100.00 Labor & Material		12.50	12	
30	Install 18 cu ft Energy Star Refrigerator - Not to exceed \$825.00 L & M				
31	Repair Water Heater				
32	Replace <u> </u> gal Water Heater w/pan and pop off relief to exterior				
33	Install <u> </u> Smoke Alarms: MUST BE UL 217 STANDARD				
34	X Install <u>2</u> CO Alarms: MUST BE UL-2034-05 OF LAS 8.96		60	14	
35	X Stove Venting <u>RANGE HOOD VENT TO OUTSIDE</u>		225	187.50	
36	X Electrical Repair: <u>(2) NEW Ceiling Fans 36" w/ 4 lights</u>		190	70	

INITIAL

DATE

TOTAL Mat & Lab

GRAND TOTAL L & M

NOTE: TOTAL Job can not exceed \$5,000 Labor & Materials excluding Health & Safety

Signature: McNeal & WhiteDate: 11-22-10

Columbia County Property Appraiser

DB Last Updated: 11/4/2010

2010 Tax Year

Parcel: 33-3S-17-06645-000

<< Next Lower Parcel

Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

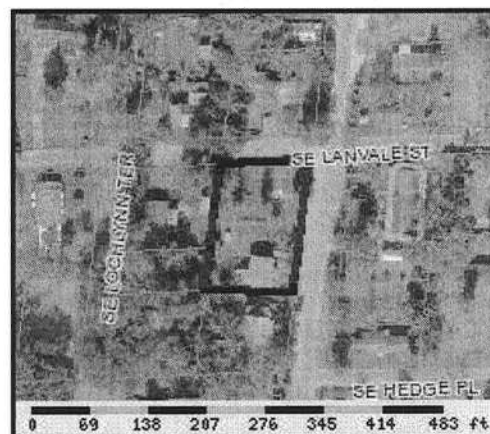
Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	WARD CLIFTON O SR &		
Mailing Address	MILDRED E 478 SE LOMOND AVE LAKE CITY, FL 32055		
Site Address	478 SE LOMOND AVE		
Use Desc. (code)	SFRES/MOBI (000102)		
Tax District	2 (County)	Neighborhood	33317
Land Area	0.380 ACRES	Market Area	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		
LOTS 1, 2 & 3 & BEG NW COR LOT 4, RUN E 105 FT TO W LINE OF LAMOND AVE, S 7.81 FT, W 104.38 FT TO POB. BLOCK H MELROSE PARK S/D. ORB 749-2182, 752-1872. QCD 1018-2422 THRU 2424 LIFE EST.			



Property & Assessment Values

2010 Certified Values		
Mkt Land Value	cnt: (0)	\$10,736.00
Ag Land Value	cnt: (2)	\$0.00
Building Value	cnt: (2)	\$24,264.00
XFOB Value	cnt: (1)	\$200.00
Total Appraised Value		\$35,200.00
Just Value		\$35,200.00
Class Value		\$0.00
Assessed Value		\$23,554.00
Exempt Value	(code: HX)	\$17,004.00
Total Taxable Value	Cnty: \$6,550 Other: \$6,550 Schl: \$6,550	

2011 Working Values

NOTE:

2011 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

[Show Working Values](#)

Sales History

[Show Similar Sales within 1/2 mile](#)

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1945	ASB SHNGLE (07)	862	910	\$22,169.00
2	MOBILE HME (000800)	1965	AL SIDING (26)	632	660	\$2,095.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0294	SHED WOOD/	1993	\$200.00	0000001.000	0 x 0 x 0	(000.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
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FLORIDA DEPARTMENT OF Community Affairs

*DOORS - SITE BUILT
MASTER COPY*

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Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #

FL4904-R3

Application Type

Revision

Code Version

2007

Application Status

Approved

Comments

Archived

Product Manufacturer

Masonite International

Address/Phone/Email

One North Dale Mabry
Suite 950
Tampa, FL 33609
(615) 441-4258
sschreiber@masonite.com

Authorized Signature

Steve Schreiber
sschreiber@masonite.com

Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

Category

Exterior Doors

Subcategory

Swinging Exterior Door Assemblies

Compliance Method

Certification Mark or Listing

Certification Agency

National Accreditation & Management Institute,

Validated By

National Accreditation & Management Institute,

Referenced Standard and Year (of Standard)

Standard

TAS 201

TAS 202

TAS 203

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

12/23/2008

Date Validated

12/29/2008

Date Pending FBC Approval

01/05/2009

Date Approved

02/03/2009

Summary of Products

FL #	Model, Number or Name	Description
4904.1	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S Single Do
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +76.0/-76.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 6'-8" max nominal size. When large missile impact resistance is required, hurricane protective system is NOT required. See DWG-MA-FL0128-05 for details.		Certification Agency Certificate <u>FL4904_R3_C_CAC_NI006110-R3</u> Quality Assurance Contract Expi 12/31/2010 Installation Instructions <u>FL4904_R3_II_FL4904 6_8 Opaqu</u> Verified By: National Accreditation Created by Independent Third Part Evaluation Reports Created by Independent Third Part
4904.2	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S and O/S Single Do
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +70.0/-70.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 8'-0" max nominal size. When large missile impact resistance is required, hurricane protective system is NOT required. See DWG-MA-FL0129-05 for details.		Certification Agency Certificate <u>FL4904_R3_C_CAC_NI006110-R3</u> Quality Assurance Contract Expi 12/31/2010 Installation Instructions <u>FL4904_R3_II_FL4904 8_0 Opaqu</u> Verified By: National Accreditation Created by Independent Third Part Evaluation Reports Created by Independent Third Part
4904.3	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S Door w/ o
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +55.0/-55.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures		Certification Agency Certificate <u>FL4904_R3_C_CAC_NI006110-R3</u> Quality Assurance Contract Expi 12/31/2010 Installation Instructions <u>FL4904_R3_II_FL4904 6_8 Opaqu</u> Verified By: National Accreditation Created by Independent Third Part Evaluation Reports

listed. 12'-0" x 6'-8" max nominal size. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See DWG-MA-FL0128-05 for details.		Created by Independent Third Part
4904.4	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S Door w/ or w/o Sid
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +45.0/-50.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See DWG-MA-FL0129-05 for details.		Certification Agency Certificate <u>FL4904_R3_C_CAC_NI006110-R3</u> Quality Assurance Contract Expi 12/31/2010 Installation Instructions <u>FL4904_R3_II_FL4904 8_0 Opaqu</u> Verified By: National Accreditation Created by Independent Third Part Evaluation Reports Created by Independent Third Part
4904.5	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque O/S w/ or w/o Sidelite:
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: +50.0/-45.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See DWG-MA-FL0129-05 for details.		Certification Agency Certificate <u>FL4904_R3_C_CAC_NI006110-R3</u> Quality Assurance Contract Expi 12/31/2010 Installation Instructions <u>FL4904_R3_II_FL4904 8_0 Opaqu</u> Verified By: National Accreditation Created by Independent Third Part Evaluation Reports Created by Independent Third Part
4904.6	Wood-edge Steel Side-Hinged Door Units	6'-8" Glazed I/S and O/S Door w/ or
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50.5/-50.5 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. When large missile impact resistance is required, hurricane protective system is required. See DWG-MA-FL0130-05 for details.		Certification Agency Certificate <u>FL4904_R3_C_CAC_NI006110-R3</u> Quality Assurance Contract Expi 12/31/2010 Installation Instructions <u>FL4904_R3_II_FL4904 6_8 Glazed</u> Verified By: National Accreditation Created by Independent Third Part Evaluation Reports Created by Independent Third Part
4904.7	Wood-edge Steel Side-Hinged Door Units	8'-0" Glazed I/S Door w/ or w/o Side
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40.0/-45.0 Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures		Certification Agency Certificate <u>FL4904_R3_C_CAC_NI006110-R3</u> Quality Assurance Contract Expi 12/31/2010 Installation Instructions <u>FL4904_R3_II_FL4904 8_0 Glazed</u> Verified By: National Accreditation Created by Independent Third Part Evaluation Reports

listed. 12'-0" x 8'-0" max nominal size. When large missile impact resistance is required, hurricane protective system is required. See DWG-MA-FL0131-05 for details.

Created by Independent Third Party

4904.8

Wood-edge Steel Side-Hinged Door Units

8'-0" Glazed O/S Door w/ or w/o Side

Limits of Use

Approved for use in HVHZ: Yes

Approved for use outside HVHZ: Yes

Impact Resistant: No

Design Pressure: +45.0/-40.0

Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. When large missile impact resistance is required, hurricane protective system is required. See DWG-MA-FL0131-05 for details.

Certification Agency Certificate

FL4904_R3_C_CAC_NI006110-R3

Quality Assurance Contract Expires

12/31/2010

Installation Instructions

FL4904_R3_II_FL4904_8_0 Glazed

Verified By: National Accreditation

Created by Independent Third Party

Evaluation Reports

Created by Independent Third Party

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**Department of Community Affairs
Florida Building Code Online
Codes and Standards**

2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Fax (850) 414-8436

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Product Approval Accepts:



NAMI NOTICE OF PRODUCT LINE CERTIFICATION



Certification No.: NI006110-R3 Page 1
Date: 07/23/2005
Revision Date: 12/18/2008
Certification Program: Structural
Company: Masonite International
Code: M-703-1

The "Notice of Product Line Certification" is valid only when Administrator's Seal is applied to the upper left hand portion of this form and a certification label is applied to the product. This certification seal represents product conformity to the applicable specification and that all certification criteria has been satisfied.

The products and systems listed below are approved for listing in the Directory of Certified Products at www.NAMICertification.com. Please review, and advise NAMI immediately if data, as shown requires corrections.

Company: **Masonite International Corporation**
1955 Powis Road
West Chicago, IL 60185

Product Line: **Masonite Wood-Edge Steel Side-Hinged Door Units**

Test Report: **NCTL-210-2929-1/210-2930-1/210-2930-7/210-2930-7/210-3121-1/
210-3123-1/210-3125-1/210-3461-1/CTLA-919W**

Section 1: General Description of the Products and Systems under this Certification

- 1.1 Frame:** The frame jambs consist of finger jointed pine with all corners coped, butted, and sealed using three 2" long wire staples (.04375").
- 1.2 Mullion Construction:** Where used, each mullion constructed of laminated lumber with a pine cap and attached to the header and threshold with three #10 x 3" Philips Flat Head Wood Screws.
- 1.3 Glazing:** Where used, the overall insulated glass was glazed into a rigid plastic lip-lite frame. Consisted of symmetric monolithic insulated glass with 3mm (0.118) tempered glass and aluminum, steel or butyl spacer.
- 1.4 Door Leaf Construction:** Each door leaf was constructed from 0.017"(6'8" height) or 0.020"(8'0" height) thick galvanized steel facings.

Section 2: Registered Suppliers

- | | | |
|------------|--------------------|-------------------------|
| 2.1 | Door Lites: | ODL or Specialty |
| 2.2 | Astragal: | Endura Ultimate |

Section 3: Additional Supportive Test or Acceptance Data Provided with Certification Documentation included:

- 3.1 Miami-Dade Building Code Compliance Notice of Acceptance for Lite Frame Material, NOA#07-0214.08 and ETC Test Report Number ETC-02-797-12517.1.**
- 3.2 Surface Burning Characteristics for Foam Filled Door performed by Omega Point Laboratories to ASTM E84-98, "Standard Test Method for Surface Burning Characteristics of Building Materials-Report No. 15977-104313.**
- 3.3 ASTM E1300 Glass Load Resistance Report provided by National Certified Testing Laboratories NCTL-110-9735-1.**
- 3.4 Anchor Calculations for:
Anchor Performance Calculation Report-Performed by Harold E. Rupp, P.E. (Florida No. 15935.)**
- 3.5 National Accreditation & Management Institute, Inc. W-1416**

See additional Pages of Certification for Certified Product Line Matrix(s) and Installation Details. If you have any questions regarding this certification, please contact NAMI at (757)594-8658.

**National Accreditation & Management Institute, Inc.
11870 Merchants Walk Suite 202-Newport News, VA 23606
TEL(757) 594.8658 FAX(757)594-8659**

NOTICE OF PRODUCT CERTIFICATION

Company: Masonite International Corporation
1955 Powis Road
West Chicago, IL 60185

Certification No.: NI006110-R3 Page 3
Certification Date: 07/23/2005
Expiration Date: 12/31/2010
Revision Date: 12/18/2008

Product: Wood-Edge Opaque Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)
Specifications Tested To: TAS 201-94/202-94/203-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at www.Namincertification.com. NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Opaque	3'0" x 6'8"	+76/-76	Yes	NCTL-210-2929-1 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0128-05
X Single	O/S	Opaque	3'0" x 6'8"	+76/-76	Yes	NCTL-210-2929-1 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0128-05
XX Double	I/S	Opaque	6'0" x 6'8"	+55/-55	Yes	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0128-05
XX Double	O/S	Opaque	6'0" x 6'8"	+55/-55	Yes	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0128-05
XO/OX Single w/Sidelite	I/S	Opaque Door Glazed Sidelite	6'0" x 6'8"	+55/-55	Door-Yes Sidelite-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Anchor Detail-MA-FL0128-05
XO/OX Single w/Sidelites	O/S	Opaque Door Glazed Sidelite	6'0" x 6'8"	+55/-55	Door-Yes Sidelite-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Anchor Detail-MA-FL0128-05
OXO Single w/Sidelites	I/S	Opaque Door Glazed Sidelites	9'0" x 6'8"	+55/-55	Door-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Anchor Detail-MA-FL0128-05
OXO Single w/Sidelites	O/S	Opaque Door Glazed Sidelites	9'0" x 6'8"	+55/-55	Door-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Anchor Detail-MA-FL0128-05
OXXO Double w/Sidelites	I/S	Opaque Doors Glazed Sidelites	12'4" x 6'8"	+55/-55	Doors-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Anchor Detail-MA-FL0128-05
OXXO Double w/Sidelites	O/S	Opaque Doors Glazed Sidelites	12'4" x 6'8"	+55/-55	Doors-Yes Sidelites-No	NCTL-210-2930-1 Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Anchor Detail-MA-FL0128-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606

Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:

NOTICE OF PRODUCT CERTIFICATION

Company: Masonite International Corporation
1955 Powis Road
West Chicago, IL 60185

Certification No.: NI006110-R3 Page 4
Certification Date: 07/23/2005
Expiration Date: 12/31/2010
Revision Date: 12/18/2008

Product: Wood-Edge Steel Opaque Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)
Specifications Tested To: TAS 201-94/202-94/203-94

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Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Opaque	3'0" x 8'0"	+70/-70	Yes	NCTL-210-3121-1/CTLA919W Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0129-05
X Single	O/S	Opaque	3'0" x 8'0"	+70/-70	Yes	NCTL-210-3121-1/CTLA919W Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0129-05
XX Double	I/S	Opaque	6'0" x 8'0"	+45/-50	Yes	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Anchor Detail-MA-FL0129-05
XX Double	O/S	Opaque	6'0" x 8'0"	+50/-45	Yes	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Anchor Detail-MA-FL0129-05
XO/OX Single w/Sidelite	I/S	Opaque Door Glazed Sidelite	6'0" x 8'0"	+45/-50	Door-Yes Sidelite-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Anchor Detail-MA-FL0129-05
XO/OX Single w/Sidelites	O/S	Opaque Door Glazed Sidelite	6'0" x 8'0"	+50/-45	Door-Yes Sidelite-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Anchor Detail-MA-FL0129-05
OXO Single w/Sidelites	I/S	Opaque Door Glazed Sidelites	9'0" x 8'0"	+45/-50	Door-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Anchor Detail-MA-FL0129-05
OXO Single w/Sidelites	O/S	Opaque Door Glazed Sidelites	9'0" x 8'0"	+50/-45	Door-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Anchor Detail-MA-FL0129-05
OXOX Double w/Sidelites	I/S	Opaque Doors Glazed Sidelites	12'4" x 8'0"	+45/-50	Doors-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Anchor Detail-MA-FL0129-05
OXOX Double w/Sidelites	O/S	Opaque Doors Glazed Sidelites	12'4" x 8'0"	+50/-45	Doors-Yes Sidelites-No	NCTL-210-3123-1 Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Anchor Detail-MA-FL0129-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606
Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:

NOTICE OF PRODUCT CERTIFICATION

Company: Masonite International Corporation
1955 Powis Road
West Chicago, IL 60185

Certification No.: NI006110-R3 Page 5
Certification Date: 07/23/2005
Expiration Date: 12/31/2010
Revision Date: 12/18/2008

Product: Wood-Edge Steel Glazed Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)
Specifications Tested To: TAS 202-94

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Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Glazed	3'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
X Single	O/S	Glazed	3'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
XX Double	I/S	Glazed	6'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
XX Double	O/S	Glazed	6'0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
XO/OX Single w/Sidelite	I/S	Glazed Door Glazed Sidelite	6'0" x 6'8"	+50.5/-50.5	Door-No Sidelite-No	NCTL-210-2930-7 MA-WL0115/16/17/18/19/20/21-02 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
XO/OX Single w/Sidelites	O/S	Glazed Door Glazed Sidelite	6'0" x 6'8"	+50.5/-50.5	Door-No Sidelite-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
OXO Single w/Sidelites	I/S	Glazed Door Glazed Sidelites	9'0" x 6'8"	+50.5/-50.5	Door-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
OXO Single w/Sidelites	O/S	Glazed Door Glazed Sidelites	9'0" x 6'8"	+50.5/-50.5	Door-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
OXXO Double w/Sidelites	I/S	Glazed Doors Glazed Sidelites	12'6" x 6'8"	+50.5/-50.5	Doors-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
OXXO Double w/Sidelites	O/S	Glazed Doors Glazed Sidelites	12'6" x 6'8"	+50.5/-50.5	Doors-No Sidelites-No	NCTL-210-2930-7 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
X Single	I/S	Glazed Ventlite	3'0" x 6'8"	+55.0/-55.0	No	NCTL-210-3461-1 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05
X Single	O/S	Glazed Ventlite	3'0" x 6'8"	+55.0/-55.0	No	NCTL-210-3461-1 Maximum Panel Size: 3'0" x 6'8" Anchor Detail-MA-FL0130-05

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606

Tel-757.594.8658/Fax-757.594.8659

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NOTICE OF PRODUCT CERTIFICATION

Company: Masonite International Corporation
1955 Powis Road
West Chicago, IL 60185

Certification No.: NI006110-R3 Page 6
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Product: Wood-Edge Steel Glazed Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)
Specifications Tested To: TAS 202-94

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Configuration	Inswing or Outswing	Glazed or Opaque	Maximum Size	Design Pressure Pos/Neg	Missile Impact Rated	Test Report Number Drawing Number & Comments
X Single	I/S	Glazed	3'0" x 8'0"	+40/-45	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05
X Single	O/S	Glazed	3'0" x 8'0"	+45/-40	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05
XX Double	I/S	Glazed	6'0" x 8'0"	+40/-45	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05
XX Double	O/S	Glazed	6'0" x 8'0"	+45/-40	No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05
XO/OX Single w/Sidelite	I/S	Glazed Door Glazed Sidelite	6'0" x 8'0"	+40/-45	Door-No Sidelite-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05
XO/OX Single w/Sidelites	O/S	Glazed Door Glazed Sidelite	6'0" x 8'0"	+45/-40	Door-No Sidelite-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05
OXO Single w/Sidelites	I/S	Glazed Door Glazed Sidelites	9'0" x 8'0"	+40/-45	Door-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05
OXO Single w/Sidelites	O/S	Glazed Door Glazed Sidelites	9'0" x 8'0"	+45/-40	Door-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05
OXXO Double w/Sidelites	I/S	Glazed Doors Glazed Sidelites	12'6" x 8'0"	+40/-45	Doors-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05
OXXO Double w/Sidelites	O/S	Glazed Doors Glazed Sidelites	12'6" x 8'0"	+45/-40	Doors-No Sidelites-No	NCTL-210-3125-1 Maximum Panel Size: 3'0" x 8'0" Anchor Detail-MA-FL0131-05

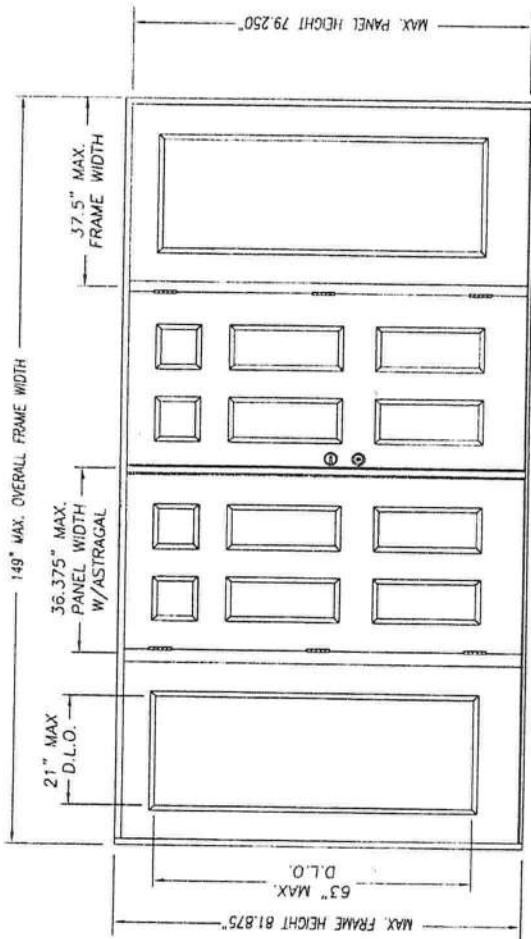
National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606
Tel-757.594.8658/Fax-757.594.8659

NAMI AUTHORIZED SIGNATURE:



1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND ALL OTHER REQUIREMENTS AS DETERMINED BY ASCE 7. DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS NOT REQUIRED ON OPAQUE PANELS, BUT IS REQUIRED ON GLAZED SIGELITES.
3. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 per ASTM E84.
4. PLASTICS TESTING OF LITE FRAME MATERIAL :

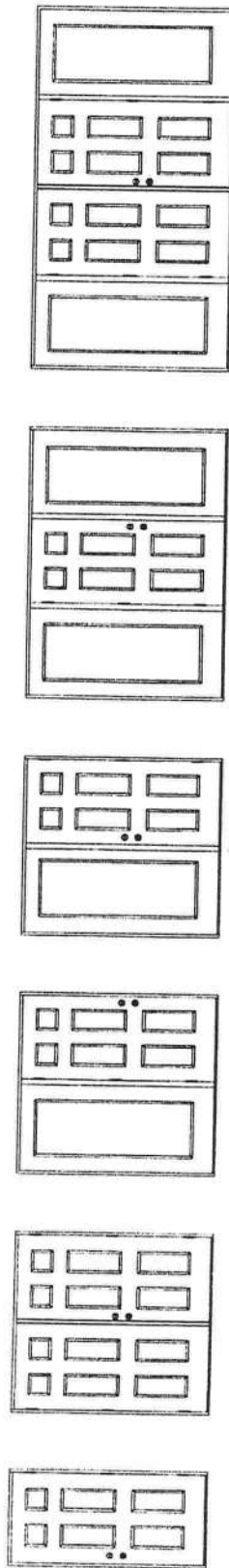
COMPARATIVE TENSILE STRENGTH AFTER
4500 HOURS XENON ARC METHOD 1



DOUBLE DOOR UNIT W/SIDELITES

Appendix to Table 1

Certification No.: NI206/10-R3
Reviewed By: [Signature]
Date Revised: 12/10/10



SINGLE DOOR UNIT	DOUBLE DOOR UNIT
SINGLE DOOR UNIT WITH SIDI/ITE	SINGLE DOOR UNIT W/SIDELITES
SINGLE DOOR UNIT	DOUBLE DOOR UNIT W/SIDELITES

CONFIG	MAX WIDTH	DESIGN: PRESSURE RATING		WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE	
		INSWING	OUTSWING	INSWING	OUTSWING
X	37.5"	+75.0	-76.0	+76.0	-76.0
XX	74"	+55.0	-55.0	+55.0	-55.0
XX	74"	+55.0	-55.0	+55.0	-55.0
OX or XO	75"	+55.0	-55.0	+55.0	-55.0
OXO	112.5"	+55.0	-55.0	+55.0	-55.0
OXOX	149"	+55.0	-55.0	+55.0	-55.0

SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	ANCHORING LOCATIONS & DETAILS
3	ANCHORING LOCATIONS & DETAILS

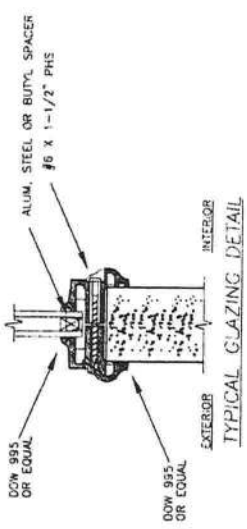
DATE	7/11/05
SCALE	N.T.S.
DWG. BY	SWS
CHK. BY	
DRAWING NO.	
DWG-MA-F10128-C5	
SHEET	1 OF 3

ADDED SPACER	SMS
HINGE SCREW LENGTH	SMS
BY	REVISIONS

MASONITE INTERNATIONAL CORP.
7300 REAMES RD.
CHARLOTTE, NC 28216



DETAIL "E" ASTRAGAL
EACH ASTRAGAL RETAINER BOLT
STRIKE PLATE TO FRAME
AS SHOWN.



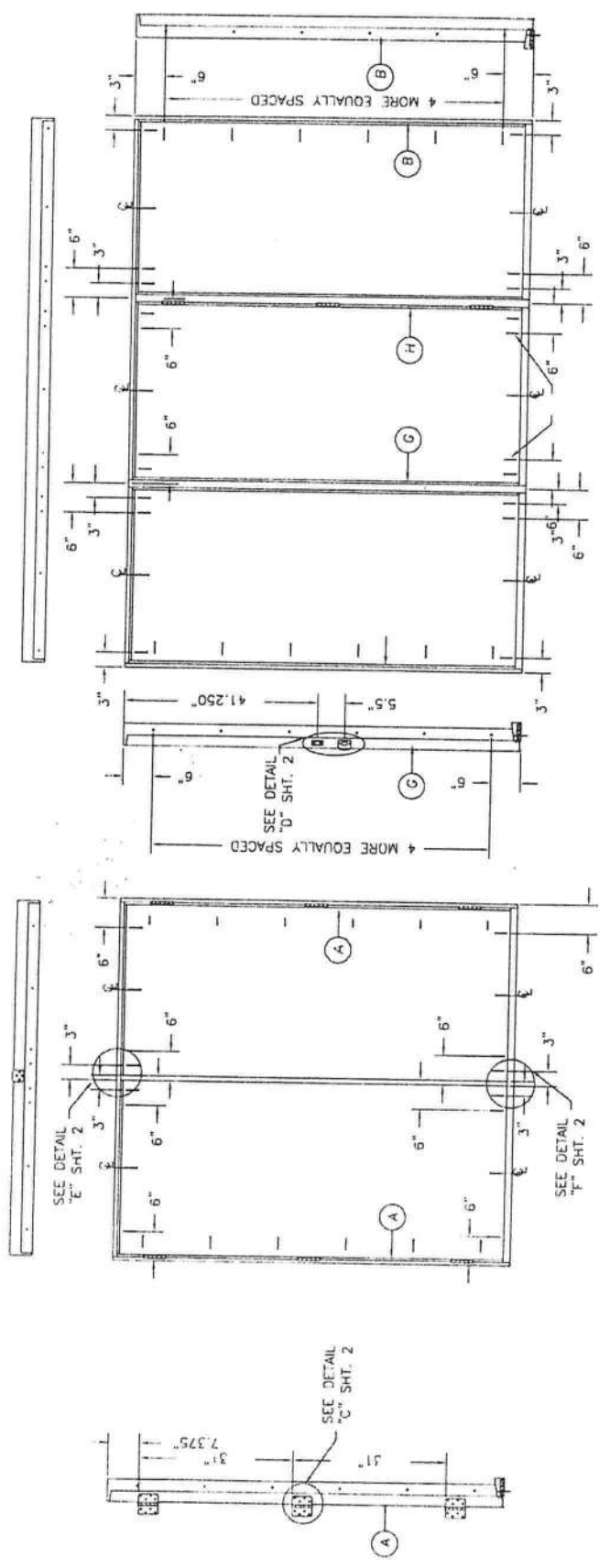
TYPICAL GLAZING DETAIL

MASONITE INTERNATIONAL CORP.
7300 REAMES RD.
CHARLOTTE, NC 28216

PRODUCT: "EXTERIOR DOOR PRODUCT"
6-8" WOOD-EDGE STEEL GRADE
PART OR ASSEMBLY:
ANCHORING LOCATIONS
& DETAILS

REVISIONS	DATE	BY
ADDED SPACER	12/15/08	SWS
HINGE SCREW LENGTH	12/2/08	SWS

DATE: 7/11/05
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.:
DWG - MA-F0128-05
SHEET 3 OF 3

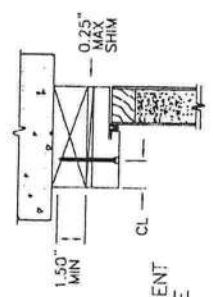


ATTACHMENT DETAIL

1. ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY HAROLD E. RUPP, PE (FLORIDA #15935) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS OR 3/16" TAPCONS. A PHYSICAL SHIM MUST BE PLACED IN SHIM SPACE AT EACH ANCHOR LOCATION.
2. THE WOOD SCREW SINGLE SHEAR DESIGN VALUES COME FROM ANSI/AF&PA NDA FOR SOUTHERN PINE LUMBER AND ACHIEVEMENT OF 1-1/2" MINIMUM EMBEDMENT. THE TAPCON MUST ACHIEVE MINIMUM EMBEDMENT OF 1-1/4".
3. WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
4. MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 171 LBS.

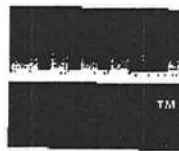
HARDWARE SCHEDULE

1. KWIKSET MAXIMUM SECURITY SERIES GRADE 2 CYLINDRICAL AND DEADLOCK HARDWARE TO BE INSTALLED AT 5-1/2" CENTERLINE.
2. 4" X 4" FULL MORTISE BUTT HINGES



TYPICAL ANCHOR INSTALLATION

Adendum to W044
Certification No.: N10044110-23
Reviewed By: [Signature]
Date Reviewed: 12/18/08



SELF-ADHESIVE WATERPROOF FLASHING

TITE SEAL™ is a self-adhesive waterproof flashing material composed of a rubberized asphalt coated plastic film, with an asphalt mastic adhesive.

DIRECTIONS FOR USE OF TITE SEAL™

INTENDED USE: TITE SEAL™ is an ideal moisture seal around windows for both new construction and replacement applications. TITE SEAL™ can also be used as an underlayment to seal joints and other openings under brick, siding, stucco or wood. It can be installed at sills, heads, chimney shoulders, parapets or anywhere a waterproof seal is needed.

SURFACE PREPARATIONS: TITE SEAL™ can be applied to both vertical and horizontal surfaces including wood, composition wood panels, metal, vinyl and masonry. The surface must be clean, dry and free from oil, grease or debris. Dirty, dusty or weathered surfaces should be primed as necessary, with a water, polymer, or solvent-based primer to obtain a smooth clean surface. Some wood composition panels may require priming. TITE SEAL™ should be installed when temperatures are 50°F or higher. If applied in cool weather, the rolls should be stored in a warm place until needed, and a heat gun used to warm the substrate and overlap.

INSTALLATION: Just remove the release paper and press in place. TITE SEAL™ can be cut with a scissors or utility knife. Roll seams with a hand roller to ensure uninterrupted contact. To ensure that moisture flows over the laps, start at the bottom and work up. Side strips should be installed next and should overlap the bottom strip. The head of the window should be completed last. Side overlaps should be 3 inches, and overlaps at the window head should be 6 inches.

WARNING:

- Use caution to avoid falls when using ladders or scaffolding.
- Test adhesion with a small piece of TITE SEAL™. Do not install without proper adhesion.
- Store in a cool dry place until ready for use.
- TITE SEAL™ is an underlayment sealer and should be protected from long term ultraviolet exposure.

LIMITED WARRANTY: COFAIR warrants this product to be of merchantable quality when used and/or applied in accordance with instructions hereon. COFAIR does not warrant this product for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of defective product as purchased. THIS LIMITED WARRANTY IS ISSUED IN LIEU OF ALL OTHER EXPRESSED AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF FITNESS, AND EXPRESSLY EXCLUDES LIABILITY FOR CONSEQUENTIAL DAMAGES.

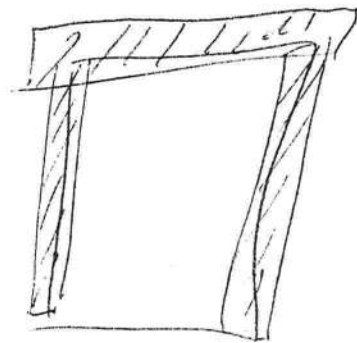
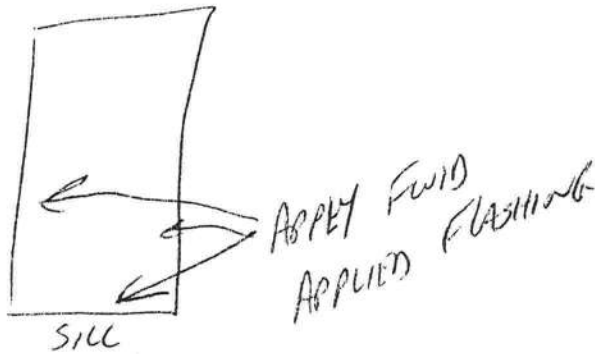


7301 N. St. Louis Avenue, Skokie, IL 60076
PHONE: 800-333-6700 • www.cofair.com

HARDY - 717 DIVISION ST.

* REPLACEMENT DOOR APPLICATION

- REMOVE EXISTING DOOR
- APPLY FLUID APPLIED FLASHING TO SILL & SIDES
- INSTALL NEW DOOR PER SPECS
- COUNTERFLASH DOOR WITH "TITE SEAL" + CAULK SEAL TIGHT.



COUNTERFLASH

M.A.
8-13-10

FLORIDA DEPARTMENT OF Community Affairs

WINDOWS - SITE BUILT
MASTER COPY



BCIS Home | Log In | User Registration | Hot Topics | Submit Surcharge | Stats & Facts | Publications | FBC S



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #

FL11827-R5

Application Type

Revision

Code Version

2007

Application Status

Approved

Comments

Archived

Product Manufacturer

Address/Phone/Email

MI Windows and Doors

650 West Market Street

Gratz, PA 17030

(717) 365-3300 Ext 2560

bsitlinger@miwd.com

Authorized Signature

Brent Sitlinger

bsitlinger@miwd.com

Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

Category

Windows

Subcategory

Single Hung

Compliance Method

Certification Mark or Listing

Certification Agency

American Architectural Manufacturers Associatic

Validated By

Steven M. Urch, PE

☒ Validation Checklist - Hardcopy Received

Referenced Standard and Year (of Standard)

Standard

AAMA/NWWDA 101/I. S. 2

AAMA/WDMA/CSA 101/I.S.2/A440

Equivalence of Product Standards

Certified By

Product Approval Method

Method 1 Option A

Date Submitted

06/24/2010

Date Validated

07/06/2010

Date Pending FBC Approval

07/18/2010

Date Approved

08/10/2010

Summary of Products

FL #	Model, Number or Name	Description
11827.1	740/3740 Equal Lite Single Hung	52x62 Fin Frame Insulated Glass
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other: H-R35		Certification Agency Certificate FL11827_R5_C_CAC_APC 99032 Quality Assurance Contract Expiration 03/05/2014 Installation Instructions FL11827_R5_II_Install Instruct - 74 52x62).pdf Verified By: American Architectural Created by Independent Third Party Evaluation Reports Created by Independent Third Party
11827.2	740/3740 Equal Lite Single Hung	52x62 Flange Frame Insulated Glass
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other: H-R35		Certification Agency Certificate FL11827_R5_C_CAC_APC 99034 Quality Assurance Contract Expiration 04/16/2014 Installation Instructions FL11827_R5_II_Install Instruct - 74 52x62).pdf Verified By: American Architectural Created by Independent Third Party Evaluation Reports Created by Independent Third Party
11827.3	740/3740 Fin Frame Oriel Single Hung	52x72 Insulated 1/8" Annealed
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-40 Other: H-R40		Certification Agency Certificate FL11827_R5_C_CAC_APC 740-37 74192.01-109-47.pdf Quality Assurance Contract Expiration 06/15/2011 Installation Instructions FL11827_R5_II_Installation Instruct TESTED.pdf Verified By: American Architectural Created by Independent Third Party Evaluation Reports Created by Independent Third Party

11827.4	740/3740 Fin Frame Oriel Single Hung	48x72 Insulated 1/8" Annealed
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45/-45 Other: H-R45		Certification Agency Certificate FL11827_R5_C_CAC_APC 740-37 74192.01-109-47.pdf Quality Assurance Contract Expiration 06/15/2011 Installation Instructions FL11827_R5_II_Installation Instructions TESTED 48x72 74192.01.pdf Verified By: American Architectural Created by Independent Third Party Evaluation Reports Created by Independent Third Party
11827.5	740/3740 Fin Frame Oriel Single Hung	48x90 Insulated 1/8" Tempered Fixed
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other: H-R35		Certification Agency Certificate FL11827_R5_C_CAC_APC 740-37 70948.01-109-47.pdf Quality Assurance Contract Expiration 02/02/2011 Installation Instructions FL11827_R5_II_Installation Instructions Verified By: American Architectural Created by Independent Third Party Evaluation Reports Created by Independent Third Party
11827.6	740/3740 Fin Frame Oriel Single Hung	48x90 Single Glazed 3/16" Annealed
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-40 Other: H-R40		Certification Agency Certificate FL11827_R5_C_CAC_APC 740-37 70948.01-109-47.pdf Quality Assurance Contract Expiration 02/02/2011 Installation Instructions FL11827_R5_II_Installation Instructions Verified By: American Architectural Created by Independent Third Party Evaluation Reports Created by Independent Third Party
11827.7	740/3740 Fin Frame Single Hung Equal Lite	52x72 Single Glazed
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45/-45 Other: H-R45		Certification Agency Certificate FL11827_R5_C_CAC_APC 94600.01 52X72 R45.pdf Quality Assurance Contract Expiration 09/18/2013 Installation Instructions FL11827_R5_II_740SH FIN As Tested Verified By: American Architectural Created by Independent Third Party Evaluation Reports Created by Independent Third Party
11827.8	740/3740 Flange Frame Oriel Single Hung	48x90 Insulated 1/8" Annealed
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No		Certification Agency Certificate FL11827_R5_C_CAC_APC 740-37 70948.01-109-47.pdf Quality Assurance Contract Expiration

Design Pressure: +30/-30 Other: H-R30	02/02/2011 Installation Instructions FL11827_R5_II_Installation Instruc Verified By: American Architectural Created by Independent Third Part Evaluation Reports Created by Independent Third Part
11827.9	740/3740 Flange Frame Single Hung Equal 52x72 Single Glazed Lite
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45/-45 Other: H-R45	Certification Agency Certificate FL11827_R5_C_CAC_APC 94599 52X72 R45.pdf Quality Assurance Contract Expi 09/13/2013 Installation Instructions FL11827_R5_II_740SH FLANGE A Verified By: American Architectural Created by Independent Third Part Evaluation Reports Created by Independent Third Part
11827.10	740/3740 Flange Frame Single Hung Oriel 48x72 Insulated 1/8" Annealed
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45/-45 Other: H-R45	Certification Agency Certificate FL11827_R5_C_CAC_APC 740-37 74192.01-109-47.pdf Quality Assurance Contract Expi 06/15/2011 Installation Instructions FL11827_R5_II_Installation Instruc Tested 74192.01.pdf Verified By: American Architectural Created by Independent Third Part Evaluation Reports Created by Independent Third Part
11827.11	740/3740 Flange Frame Single Hung Oriel 48x72 Single Glazed 3/16" Annealed
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45/-45 Other: H-R45	Certification Agency Certificate FL11827_R5_C_CAC_APC 740-37 74192.01-109-47.pdf Quality Assurance Contract Expi 06/15/2011 Installation Instructions FL11827_R5_II_740 Single Hung F Verified By: Luis R. Lomas, PE PE- Created by Independent Third Part Evaluation Reports FL11827_R5_AE_740 Single Hung Created by Independent Third Part
11827.12	740/3740 Flange Frame Single Hung Oriel 48x96 Single Glazed 3/16" Annealed
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +40/-40 Other: H-R40	Certification Agency Certificate FL11827_R5_C_CAC_APC 91454 FLG 48X96 R40.pdf Quality Assurance Contract Expi 05/07/2013 Installation Instructions FL11827_R5_II_740 Single Hung F Verified By: Luis R. Lomas, PE PE-

		Created by Independent Third Part Evaluation Reports FL11827_R5_AE_740 Single Hung Created by Independent Third Part
11827.13	740/3740 Single Hung	36x76 Fin Frame Insulated Glass
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45/-45 Other: H-R45		Certification Agency Certificate FL11827_R5_C_CAC_APC 99032 Quality Assurance Contract Expi 03/05/2014 Installation Instructions FL11827_R5_II_Install Instruct - 74 36x76).pdf Verified By: American Architectural Created by Independent Third Part Evaluation Reports Created by Independent Third Part
11827.14	740/3740 Single Hung	36x72 Fin Frame Insulated Glass
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45/-50 Other: H-R45 with 50 psf negative DP		Certification Agency Certificate FL11827_R5_C_CAC_APC A0752 R45 -DP50.pdf Quality Assurance Contract Expi 05/13/2014 Installation Instructions FL11827_R5_II_Install Instruct - 74 Verified By: American Architectural Created by Independent Third Part Evaluation Reports Created by Independent Third Part
11827.15	740/3740 Single Hung	36x76 Flange Frame Insulated Glas
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45/-50 Other: H-R45 with -50 psf negative DP		Certification Agency Certificate FL11827_R5_C_CAC_APC 99034 Quality Assurance Contract Expi 04/16/2014 Installation Instructions FL11827_R5_II_08-00804A.pdf Verified By: Roberto Lomas, PE PE Created by Independent Third Part Evaluation Reports FL11827_R5_AE_511348A.pdf Created by Independent Third Part

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Department of Community Affairs
 Florida Building Code Online
 Codes and Standards
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 Tallahassee, Florida 32399-2100
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Product Approval Accepts:



- Series 165/3000 Single Hung and Fixed Windows
- Series 740/744/3740 Single Hung and Fixed Windows
- Series 168/3168 Horizontal Slider and Fixed Windows
- Series 680 Horizontal Slider and Fixed Windows

NOTE: SEE INDIVIDUAL TEST REPORT(S) FOR DP RATINGS AND MAXIMUM ALLOWABLE SIZES.

INSTALLATION INSTRUCTIONS FOR **"APPROVED FOR FLORIDA" ALUMINUM FIN WINDOWS**

BetterBilt Windows & Doors 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. Place a continuous bead of caulk on the back side of nail fin (mounting flange).
2. Set unit plumb and square into opening and make sure that there is $3/16" \pm 1/16"$ 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 frequently as 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" spacing.
4. Caulk entire perimeter of fin to mounting surface joint and caulk over screw heads.
Note: this step can be eliminated if 4" wide adhesive type flashing is used (sill 1st., jams 2nd., head 3rd.).
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 debris that has collected on the unit and make sure that sash/vent tracks and interlocks are also clean. 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.

- CAUTION -

BetterBilt Windows & Doors 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. BetterBilt window products are not provided with safety glazing unless specifically ordered with such. Many laws and codes require safety glazing (tempered glass) near doors, bathtubs, and shower enclosures. Also be aware of other code requirements such as emergency egress and structural / energy performance.

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

www.mihp.com

11 221

July 29, 2003



Rev. 7-24-00

DuPont™ Tyvek® Fluid Applied Flashing - Commercial Installation Guidelines

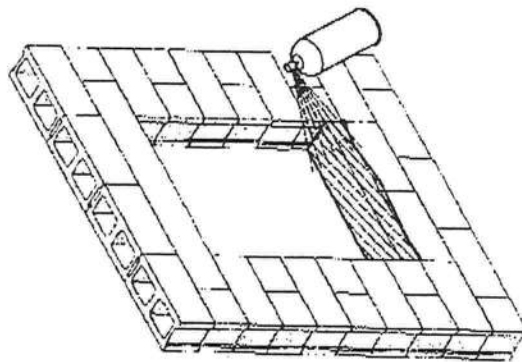
Flanged Window (Method 1: Liquid Applied Flashing with Fluid Applied Weather Barrier)

STEP 1

Clean substrate of any material that could negatively affect adhesion as well as any sharp protrusions.

Apply recommended primer onto the sill and approximately 3" onto the face of the wall.

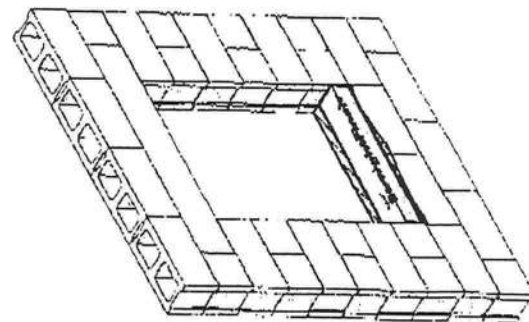
Note: If applying to gypsum sheathing, the cut edge of the gypsum should be primed on all four sides prior to application of DuPont™ Tyvek® Fluid Applied Flashing and Joint Compound.



STEP 2

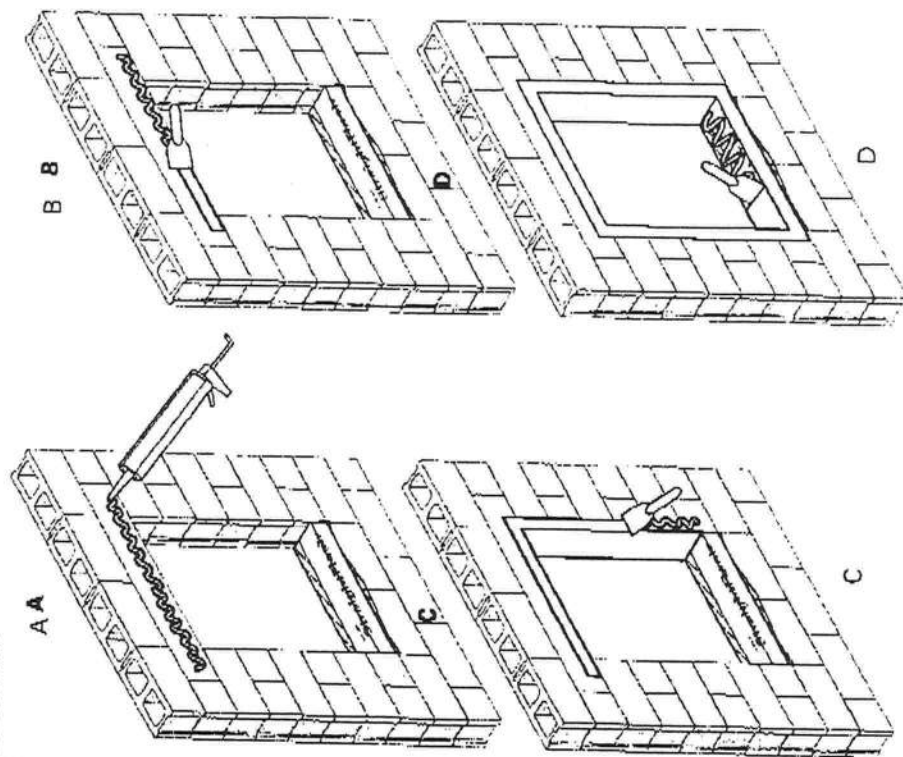
Prepare the sill flashing by cutting a piece of DuPont™ StraightFlash™ that is equal to the sill length.

Install the sill flashing. Remove release paper and position StraightFlash™ so that 2" will extend onto the face of the wall. Wrap flashing into the rough opening at sill and onto the face of the wall.



STEP 3

Starting at the window head, apply a bead of DuPont™ Tyvek® Fluid Applied Flashing and Joint Compound onto the inside and the face of the rough opening. Use a trowel to smooth out flashing to a thickness of approximately 25 mils. The flashing should cover the inside of the rough opening and extend a minimum of 2" onto the face of the wall. Continue the application process outlined above for the jamba and then the sill. The fluid applied flashing should be applied on top of the DuPont™ StraightFlash™ on the sill. Be sure all inside corners are filled and integrated with flashing. A corner trowel may be used to smooth outside corners.

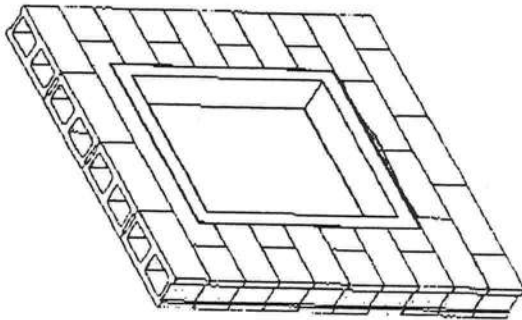


DuPont™ Tyvek® Fluid Applied Flashing - Commercial Installation Guidelines

Flanged Window (Method 1: Liquid Applied Flashing with Fluid Applied Weather Barrier)

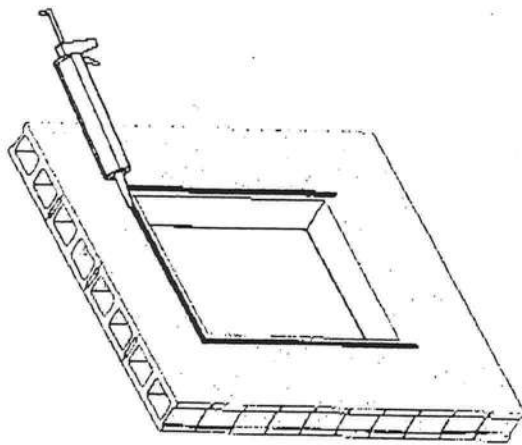
STEP 4

Upon completion, inspect surface to ensure that Tyvek® Fluid Applied Flashing and Joint Compound is continuous and **free of any voids or pinholes**. Let flashing cure for 24 hours before coating with DuPont™ Tyvek® Fluid Applied WB.



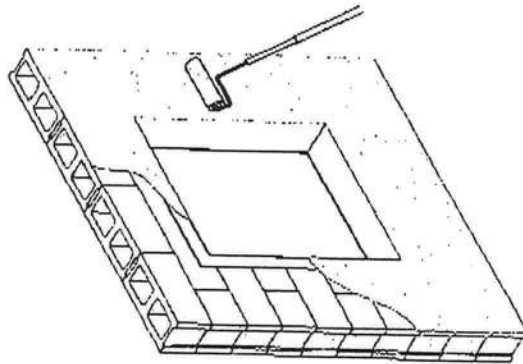
STEP 6

After DuPont™ Tyvek® Fluid Applied WB has cured for 24 hrs, apply a continuous bead of DuPont™ Sealant for Tyvek® Fluid Applied System, or recommended sealant, at the window head and jambs to wall or back side of window mounting flange. **Do not apply sealant across bottom sill flange.**



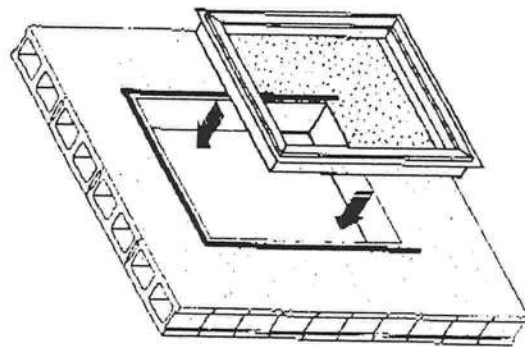
STEP 5

Install Tyvek® Fluid Applied WB up to the edge of the rough opening overlapping the Fluid Applied Flashing and Joint Compound. Refer to the current Tyvek® Fluid Applied WB - Commercial Installation Guidelines for application instructions.



STEP 7

Install flanged window per manufacturer's installation instructions. Use spacers between the bottom window flange and the flashing to allow for drainage.

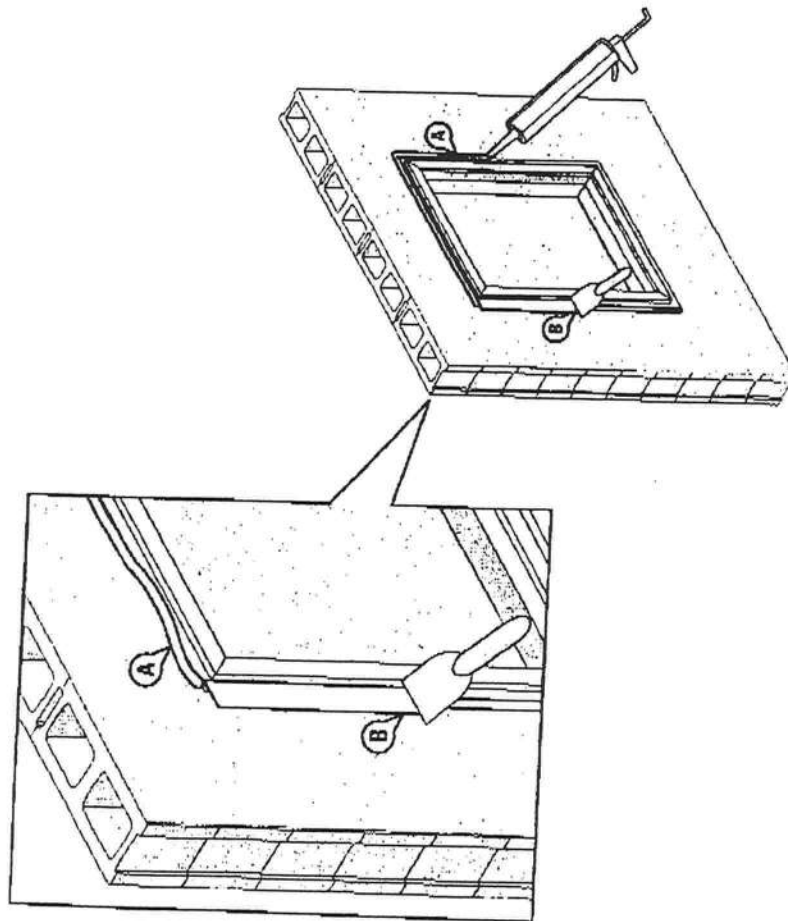


DuPont™ Tyvek® Fluid Applied Flashing - Commercial Installation Guidelines

Flanged Window (Method 1: Liquid Applied Flashing with Fluid Applied Weather Barrier)

STEP 8

- A. Apply a continuous bead of DuPont™ Tyvek® Fluid Applied Flashing and Joint Compound along the interface between the window flange and the wall on the jambs and head of the window.
- B. Use a trowel to smooth flashing to approximately 2" wide x 60 mils thick. Be sure that the flashing extends 1" on either side of seam. Upon completion, inspect surface to ensure that Fluid Applied application is continuous and **free of any voids or pinholes**.

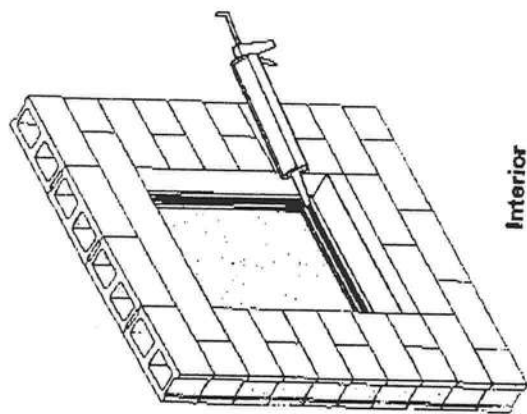


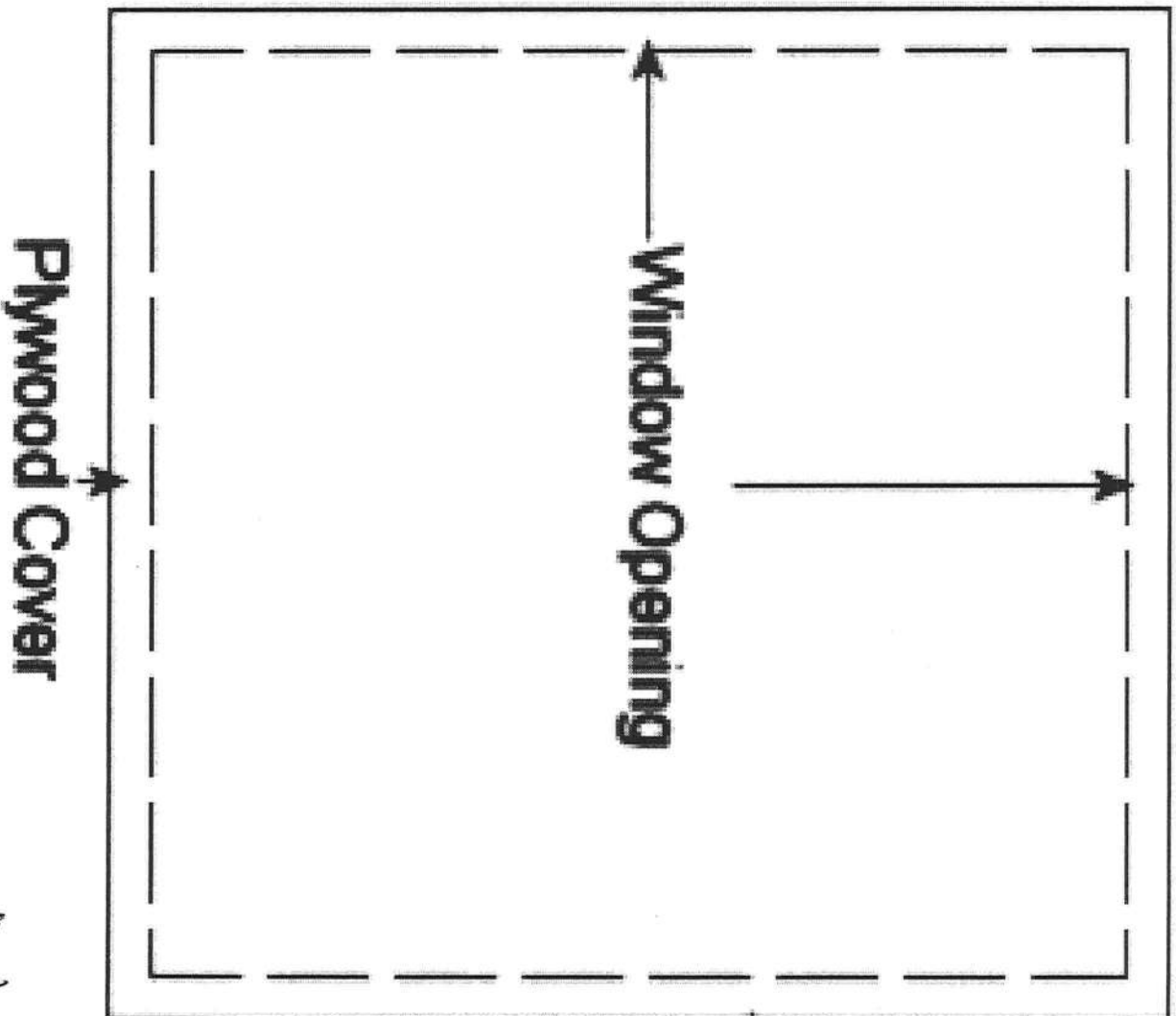
STEP 9

Create a continuous perimeter seal between the interior of the window and the flashing using backer rod and DuPont™ Sealant for Tyvek® Fluid Applied System or an recommended sealant along all four sides of the window.

When the facade is complete, place a continuous sealant bead integrating the window to the facade.

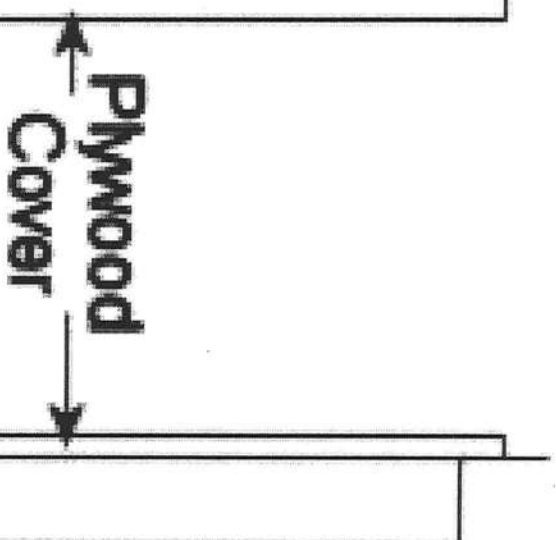
Note: Refer to the Flanged Window CAD details at www.Weatherization.Tyvek.com for more detailed information.





Plywood Cover

Window Opening



Window Opening

* Will be using heavy hardware protection hardware kit for securing of window cover.

Notice of Commencement

To Whom It May Concern:

The undersigned hereby informs you that improvements will be made to certain real property, and in accordance with section 713.13 of the Florida Statutes, the following information is stated in this NOTICE OF COMMENCEMENT.

Description of property 33-35-17-06645-0000

General description of improvements Weatherization

Owner Clifton Ward Sr.

Address 478 SE Lomond Ave Lake City, 32055

Owner's interest in site of the improvement _____

Fee Simple Title Holder (if other than owner) _____

Name _____

Address _____

Contractor McNeal + White Contractors, INC.

Address 420 North Boundary Ave, Deland, FL 32720

Surety (if any) _____

Address _____ Amount of bond \$ _____

Name of person within State of Florida designated by owner upon whom notices or other documents may be served:

Name _____

Address _____

In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.06 [2] [b], Florida Statutes. (Fill in at Owners option).

Name _____

Address _____

THIS SPACE FOR RECORDER'S USE ONLY

Inst: 201012019471 Date: 12/7/2010 Time: 11:57 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1206 P: 41

Mildred Ward
Owner

STATE OF FLORIDA

COUNTY OF Columbia

The Foregoing Commencement was acknowledged
before me this 19 day of November, 2010,
by Mildred Ward

(Notarial Seal)

Matthew L. Pearson

Notary Public

MATTHEW L. PEARSON
Notary Public, State of Florida
My comm. exp. Jan. 22, 2012
Comm. No. DD 750789

COLUMBIA COUNTY OR CALVINY

COMPLETION

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 33-3S-17-06645-000

Building permit No. 000029050

Permit Holder AARON ALBERT

Owner of Building MILDRED WARD

Location: 478 SE LAMOND AVE, LAKE CITY, FL 32055

Date: 01/21/2011

Henry Dickel

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)