As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	THERM -TRU	THERMITHU BENCHMAN DONES	2/135./
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	PGT INDUSTRIES	SUSSOO IMPACT	239.2
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	MID PE METAL	2999 MR WAL PARKE	31397-1
B. SOFFITS	7911/12 115/11	2197 1112 11/102	01.57 12.
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			4.0.
B. NON-STRUCT METAL	MIDE META	290 MR STRUCTURE	23490.1
C. ROOFING TILES	11.012 110.772	THE SHOOT OF THE	1
D. SINGLE PLY ROOF			
E. OTHER UNDERLAYMEN	LEVI'S BUXDING COMP	ROLOSHIEZO PRIMESA	41620-R1
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS		hy , , ,	
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS	`		
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

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) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be de	monstrated during inspection.
How Bowers 8/6/24	
Contractor or Owner Signature	NOTES:









Product Approval Menu > Product or Application Search > Application List > Application Detail

of the

FL31397-R2 Application Type Revision Code Version 2023 Application Status Approved

Comments Archived \Box

Product Manufacturer Mid Florida Metal Roofing Supply/Supplies, Inc. Address/Phone/Email 28328 County Road 561

Tavares, FL 32778 (352) 742-7070 amyprince@mfmrs.com

Authorized Signature Amy Prince amyprince@mfmrs.com

Technical Representative Address/Phone/Email

Quality Assurance Representative Address/Phone/Email

Category Subcategory

Structural Components Structural Wall

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed

the Evaluation Report

Quality Assurance Entity

Quality Assurance Contract Expiration Date

Validated By

Johnathan E. Green, P.E.

PE-88223

Keystone Certifications, Inc.

02/10/2026 Steven M. Urich, PE

Validation Checklist - Hardcopy Received

Certificate of Independence FL31397 R2 COI Letter of Certification.pdf

Referenced Standard and Year (of Standard)

Equivalence of Product Standards Certified By

Sections from the Code

1709.2

Product Approval Method

Method 2 Option B

 Date Submitted
 09/10/2023

 Date Validated
 09/13/2023

 Date Pending FBC Approval
 09/17/2023

 Date Approved
 12/13/2023

Summary of Products

FL #	Model, Number or Name	Description		
31397.1 29 Ga. MFMRS Multi-Rib Wall Panel over 2x4 Wood Girts		29 Ga. MFMRS Multi-Rib Wall Panel over 2x4 Wood Girts		
Approved for a Impact Resista Design Pressu	use in HVHZ: No use outside HVHZ: Yes ant: N/A re: +N/A/-105psf luation report for limits of use.	Installation Instructions FL31397 R2 II 29 Ga. MFMRS Multi-Rib Wall Panel.pdf Verified By: Johnathan E. Green, P.E. 88223 Created by Independent Third Party: Yes Evaluation Reports FL31397 R2 AE 29 Ga. MFMRS Multi-Rib Wall Panel.pdf Created by Independent Third Party: Yes		

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Next

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Product Approval Accepts:



securitymetrics



Product Evaluation Report MID FLORIDA METAL ROOFING SUPPLY, INC.

Minimum 29 Ga. MFMRS Multi-Rib Wall Panel Over 2x4 Wood Girts

Florida Product Approval # 31397.1 R2

Florida Building Code 2023 Per Rule 61G20-3 Method: 2 –B

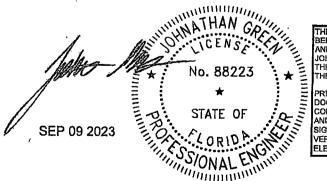
Category: Structural Components Subcategory: Structural Wall Compliance Method: 61G20-3.005(2)(b) NON HVHZ

Product Manufacturer:
Mid Florida Metal Roofing Supply, Inc.
28328 County Road 561
Tavares, Florida 32778

Engineer Evaluator: Johnathan Green, P.E. #88223 Florida Evaluation ANE ID: 12901

Contents:

Evaluation Report: Page 1 - 3 Installation Detail: Page 4



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Compliance Statement:

The product as described in this report has demonstrated compliance with the Florida Building Code

2023, Section 1709.2.

Product Description:

MFMRS Multi-Rib Panel, Min. 29 Ga. Steel, 36" Wide, through fastened wall panel. Structural

Application.

Panel Waterial/Standards:

Material: Minimum 29 Ga. Steel, ASTM A792 or ASTM A653 G90 conforming to Florida Building Code

2023.

Yield Strength: Min. 80.0 ksi.

Corrosion Resistance: Panel Material shall comply with Florida Building Code 2023.

Panel Dimension(s):

Thickness:

0.0145" min.

Width:

36" maximum coverage

Rib Height:

¾" major rib at 9" O.C.

Panel Fastener:

#12 x 1 1/2" WoodZac or WoodZip w/ sealing washer or approved equal. $\frac{12 \times 14 \times 7}{8}$ " HWH SD1 w/ EPDM washer through panel side laps at 12" O.C.

Corrosion Resistance: Per Florida Building Code 2023.

Substrate Description:

Minimum #2 SYP 2x4 wood girts spaced a maximum 24" O.C. Framing must be designed in

accordance w/ Florida Building Code 2023.

Allowable Design Pressures:

Table "A"

Maximum Design Pressure:	-105.0 psf
Fastener Pattern:	9"-9"-9"-6"-3"
Fastener Spacing:	24" O.C.

^{*}Design Pressure Includes a Safety Factor = 1.5.



Code Compliance:

The product described herein has demonstrated compliance with

The Florida Building Code 2023, Section 1709.2.

Evaluation Report Scope:

The product evaluation is limited to compliance with the structural wind load requirements of the Florida Building Code 2023, as relates to Rule 61G20-3.

Performance Standards:

The product described herein has demonstrated compliance with:

 ASTM E 1592-05 (2017) Test method for structural performance of sheet metal roof and siding systems by uniform static air pressure difference.

Reference Data:

1. ASTM E 1592-01

PRI Construction Materials Technologies

Report No. FAE-008-02-01

2. Certificate of Independence

By Johnathan Green, P.E. (No. 88223) @ Force Engineering & Testing

(FBC Organization # ANE ID: 12901)

Test Standard Equivalency:

The ASTM E 1592-01 test standard is equivalent to the ASTM E 1592-05 (2017) test standard.

Quality Assurance Entity:

The manufacturer has established compliance of roof panel products in accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.

Installation:

Install per manufacturers recommended details.

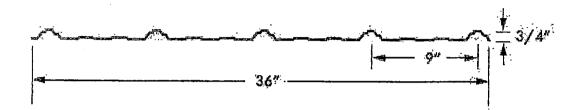
Shear Diaphragm:

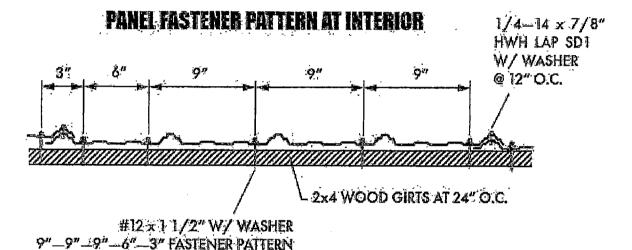
Shear diaphragm values are outside the scope of this report.

Design Procedure:

Based on the dimensions of the structure, appropriate wind loads are determined using Chapter 16 of the Florida Building Code 2023 for wall cladding wind loads. These component wind loads for wall cladding are compared to the allowable pressure listed above. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure and analyze the panel fasteners for pullout and pullover. Support framing must be in compliance with Florida Building Code 2023 Chapter 22 for steel, and Chapter 16 for structural loading.







PANEL FASTENER PATTERN AT PANEL ENDS/END LAPS

 $1/4 - 14 \times 7/8^n$ HWH LAP SDI W/ WASHER 6" @ 12" O.C. -2x4 WOOD GIRTS AT 24" O.C.

#12 x 1 1/2" W/ WASHER 6"-3"-6"-3"-6"-3"-6"-3" FASTENER PATTERN









Product Approval Menu > Product or Application Search > Application List > Application Detail



FL23490-R4 Application Type Revision Code Version 2023 Application Status Approved

Comments Archived 3

Product Manufacturer Mid Florida Metal Roofing Supply/Supplies, Inc. Address/Phone/Email 28328 County Road 561

Tavares, FL 32778 (352) 742-7070 amyprince@mfmrs.com

Authorized Signature Amy Prince amyprince@mfmrs.com

Technical Representative Address/Phone/Email

Quality Assurance Representative Address/Phone/Email

Category Structural Components Subcategory Roof Deck

Compliance Method Evaluation Report from a Florida Registered Architect or a Licensed Florida

Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

Quality Assurance Entity

Quality Assurance Contract Expiration Date

Validated By

Johnathan E. Green, P.E.

PE-88223

Keystone Certifications, Inc.

02/10/2026

Steven M. Urich, PE

🔯 Validation Checklist - Hardcopy Received

Certificate of Independence FL23490 R4 COI Letter of Certification.pdf

Referenced Standard and Year (of Standard) Standard <u>Year</u> **ASTM E1592** 2005 FM 4471 1992

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

 Date Submitted
 09/10/2023

 Date Validated
 09/13/2023

 Date Pending FBC Approval
 09/17/2023

 Date Approved
 12/13/2023

Summary of Products

FL # Model, Number or Name 23490.1 Multi-Rib Structural		Description 29 Ga. Through-Fastened Structural Roof Panels Over Minimum 2x4 Purlins				

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Product Approval Accepts:



securitymetrics



Product Evaluation Report MID FLORIDA METAL ROOFING SUPPLY, INC.

Minimum 29 Ga. MFMRS Multi-Rib Roof Panel over 2x4 Wood Purlins

Florida Product Approval # 23490.1 R4

Florida Building Code 2023 Per Rule 61G20-3 Method: 1 –D

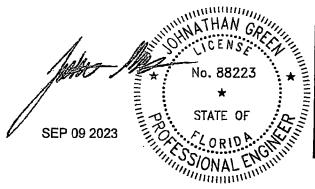
Category: Structural Components
Subcategory: Roof Deck
Compliance Method: 61G20-3.005(1)(d)
NON HVHZ

Product Manufacturer:
Mid Florida Metal Roofing Supply, Inc.
28328 County Road 561
Tavares, Florida 32778

Engineer Evaluator:
Johnathan Green, P.E. #88223
Florida Evaluation ANE ID: 12901

Contents:

Evaluation Report: Page 1 - 3
Installation Detail: Page 4



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY JOHNATHAN GREEN ON THE DATE ADJACENT TO THE SEAL

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Compliance Statement:

The product as described in this report has demonstrated compliance with the Florida Building Code

2023, Sections 1504.3.2, 1504.7.

Product Description:

MFMRS Multi-Rib Roof Panel, 29 Ga. Steel, 36" Wide, through fastened structural roof panel over 2x4

wood purlins. Structural Application.

Panel Material/Standards:

Material: Minimum 29 Ga. Steel, ASTM A792 or ASTM A653 G90 conforming to Florida Building Code

2023 Section 1507.4.3.

Yield Strength: Min. 80.0 ksi

Corrosion Resistance: Panel Material shall comply with Florida Building Code 2023, Section 1507.4.3.

Panel Dimension(s):

Thickness:

0.0145" min.

Width:

36" maximum coverage

Rib Height:

¾" major rib at 9" O.C.

Panel Fastener:

#12 x 1 1/2" WoodZac or WoodZip w/ sealing washer or approved equal. %-14 x 7/8" HWH SD1 w/ EPDM washer through panel side laps at 12" O.C. Corrosion Resistance: Per Florida Building Code 2023, Section 1507.4.4.

Substrate Description:

Min. 2x4 No. 2 SYP wood purlins at 24" O.C. complying with 2023 Florida Building Code. Framing must

be designed in accordance w/ Florida Building Code 2023.

Allowable Design Uplift Pressures:

Table "A"

Maximum Design Uplift Pressure:	-105.0 psf
Fastener Pattern:	9"-9"-9"-6"-3"
Fastener Pattern Spacing:	24" O.C.

^{*}Design Pressure includes a Safety Factor = 2.0



Code Compliance:

The product described herein has demonstrated compliance with

The Florida Building Code 2023, Section 1504.3.2, 1504.7.

Evaluation Report Scope:

The product evaluation is limited to compliance with the structural wind load requirements of the

Florida Building Code 2023, as relates to Rule 61G20-3.

Performance Standards:

The product described herein has demonstrated compliance with:

- ASTM E 1592-05 (2017) Test method for structural performance of sheet metal roof and siding systems by uniform static air pressure difference.
- FM 4471-92, Foot Traffic Resistance Test for Roof Panels.

Reference Data:

1. ASTM E 1592-01

PRI Construction Materials technologies LLC

Report No. FAE-008-02-01

2. FM 4471-92, Section 5.4 Foot Traffic Resistance Test

Force Engineering & Testing, Inc. Report No. 194-0134T-11A

3. Certificate of Independence By Johnathan Green, P.E. #88223

Test Standard Equivalency:

The ASTM E 1592-01 test standard is equivalent to the ASTM E 1592-05 (2017) test standard.

Quality Assurance Entity:

The manufacturer has established compliance of roof panel products in accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited

by an approved quality assurance entity.

Minimum Slope Range:

Minimum Slope shall comply with Florida Building Code 2023, including Section 1507.4.2 and in accordance with Manufacturers recommendations. For slopes less than 3:12, lap sealant must be

used in the panel side laps.

Installation:

Install per manufacturers recommended details.

Insulation:

Manufacturer's approved product (Optional)

Roof Panel Fire Classification:

Fire classification is not part of this acceptance.

Shear Diaphragm:

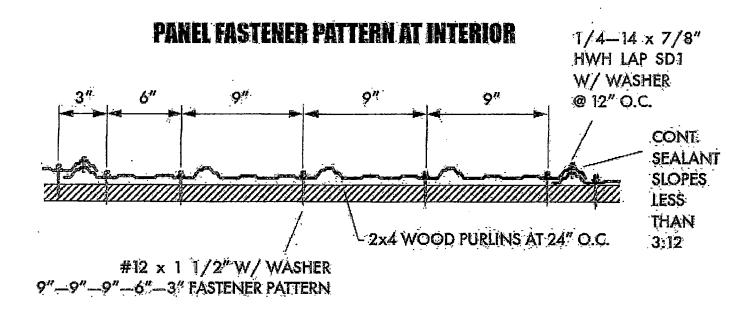
Shear diaphragm values are outside the scope of this report.

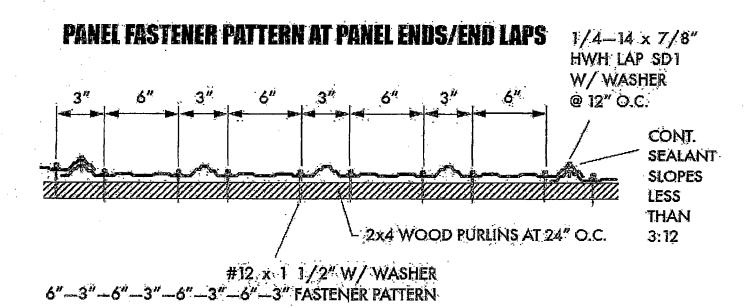
Design Procedure:

Based on the dimensions of the structure, appropriate wind loads are determined using Chapter 16 of the Florida Building Code 2023 for roof cladding wind loads. These component wind loads for roof cladding are compared to the allowable pressure listed above. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure and analyze the panel fasteners for pullout and pullover. Support framing must be in compliance with Florida Building Code 2023 Chapter 23 for wood, and Chapter 16 for structural

loading.







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Product Approval Menu > Product or Application Search > Application List > Application Detail

FL239-R29 Application Type Revision Code Version 2023 **Application Status** Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by

the POC and/or the Commission if necessary.

Comments

Archived

Product Manufacturer

Address/Phone/Email

PGT Industries 1070 Technology Drive North Venice, FL 34275

(941) 486-0100 Ext 21140 jrosowski@pgtindustries.com

Authorized Signature

Jens Rosowski

jrosowski@pgtindustries.com

Technical Representative Address/Phone/Email

Lynn Miller, P.E. 1070 Technology Dr N Venice, FL 34275

(941) 486-0100 Ext 21142 imiller@pgtindustries.com

Quality Assurance Representative

Address/Phone/Email

Category Windows Subcategory Single Hung

Compliance Method Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER Validated By Steven M. Urich, PE

Validation Checklist - Hardcopy Received

Referenced Standard and Year (of Standard)

Standard TAS 201, 202, 203 **Year** 1994

Equivalence of Product Standards

Certified By

Product Approval Method

Method 1 Option A

Date Submitted 08/10/2023 **Date Validated** 08/20/2023 Date Pending FBC Approval Date Approved

08/24/2023

Summary of Products

Summary of Products			
FL #	Model, Number or Name	Description	
239.1	SH5400 (Non-Impact)	Vinyl Single Hung Window	
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL239 R29 C CAC 23-0707,13,pdf Quality Assurance Contract Expiration Date 07/30/2025 Installation Instructions FL239 R29 II 23-0707.13,pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	
239.2	SH5500 (Large Missile Impact)	Vinyl Single Hung Window	
(NOA) for product perfor	side HVHZ: Yes	Certification Agency Certificate FL239 R29 C CAC 23-0707.12.pdf Quality Assurance Contract Expiration Date 07/30/2025 Installation Instructions FL239 R29 II 23-0707.12.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	
239.3	SH7600 (Non-Impact)	Aluminum Single Hung Window	
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL239 R29 C CAC 23-0707.11.pdf Quality Assurance Contract Expiration Date 08/23/2028 Installation Instructions FL239 R29 II 23-0707.11.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	
239.4	SH7700 (Large Missile Impact)	Aluminum Single Hung Window	
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see Miami-Dade County Notice of Acceptance (NOA) for product performance information, anchorage details, and anchor type, size, and spacing information.		Certification Agency Certificate FL239 R29 C CAC 23-0707.10.pdf Quality Assurance Contract Expiration Date 08/23/2028 Installation Instructions FL239 R29 II 23-0707.10.pdf Verlfied By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:	

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Product Approval Accepts:











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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

PGT Industries, Inc. 1070 Technology Drive North Venice, FL 34275

Scope:

Section.

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SH-5500" PVC Single Hung Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. MD-SH5500 REV D titled "Single Hung Window Installation - LM", sheets 1 through 13 of 13, dated 05/15/15 and last revised on 07/05/23, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 20-0401.03 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



Ishaq I. Chands

NOA No. 23-0707.12 Expiration Date: July 30, 2025 Approval Date: July 27, 2023

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 15-0519.05)
- 2. Drawing No. MD-SH5500-01 titled "Single Hung Window Installation LM", sheets 1 through 13 of 13, dated 05/15/15, with revision B dated 06/06/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E. (Submitted under NOA No. 17-0630.05)

B. TESTS

- 1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kodispace 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXTTM spacer system and XL EdgeTM spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. FTL-8717, FTL-8968 and FTL-8970, dated 11/16/15, 06/07/16 and 06/02/16 respectively, all signed and sealed by Idalmis Ortega, P.E.

(Submitted under NOA No. 16-0714.03)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a series 5500 PVC single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-7964, dated 11/15/14, signed and sealed by Idalmis Ortega, P.E.

(Submitted under NOA No. 15-0519.05)

- 3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a series 5500 PVC single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-7966, dated 08/21/14, signed and sealed by Idalmis Ortega, P.E.

(Submitted under NOA No. 15-0519.05)

Ishaq 1. Chanda

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 23-07071.12 Expiration Date: July 30, 2025

Approval Date: July 27, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- C. CALCULATIONS
 - 1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), dated 05/15/15 and 08/29/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

(Submitted under NOA No. 15-0519.05)

- 2. Glazing complies with ASTM E1300-09
- D. QUALITY ASSURANCE
 - 1. Miami-Dade Department of Regulatory and Economic Resources (RER).
- E. MATERIAL CERTIFICATIONS
 - 1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 01/19/17, expiring on 07/08/19.
 - 2. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 06/25/15, expiring on 07/04/18.
 - 3. Notice of Acceptance No. 16-0712.03 issued to ENERGI Fenestration Solutions USA for their "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/10/17, expiring on 02/28/18.
 - 4. Notice of Acceptance No. 16-0712.04 issued to ENERGI Fenestration Solutions USA, Inc. for their "Bronze and Lighter Shades of Cap Coated White Rigid PVC Exterior Extrusions for Windows and Doors" dated 09/15/16, expiring on 04/16/20.
 - 5. Notice of Acceptance No. 16-0712.05 issued to ENERGI Fenestration Solutions USA, Inc. for their "Performance Core Rigid PVC Exterior Extrusions for Windows and Doors" dated 09/15/16, expiring on 04/16/20.

F. STATEMENTS

- 1. Statement letter of conformance, complying with FBC 5th Edition (2014) and FBC 6th Edition (2017), dated June 22, 2017, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E. (Submitted under NOA No. 17-0630.05
- 2. Statement letter of no financial interest, dated June 22, 2017, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E. (Submitted under NOA No. 17-0630.05
- 3. Proposal No. 16-0125 issued by the Product Control Section, dated March 09, 2016, signed by Ishaq Chanda, P.E. (Submitted under NOA No. 16-0714.03)
- 4. Proposal issued by Product Control, dated 6/26/14 and revised on 8/19/14, signed by Jaime Gascon, P.E., Supervisor, Product Control Section.

 (Submitted under NOA No. 15-0519.05)

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED previous approval

A. DRAWINGS

1. Drawing No. MD-SH5500-01 titled "Single Hung Window Installation - LM", sheets 1 through 13 of 13, dated 05/15/15, with revision C dated 03/10/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per ASTM F588 and TAS 202-94

along with marked-up drawings and installation diagram of all PGT Industries, Inc. representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: FTL-7897, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14 FTL-20-2107.1, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal) FTL-20-2107.2, PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal) FTL-20-2107.3, PGT PW7620A Aluminum Fixed Window (unit 9 in proposal) and FTL-20-2107.4, PGT PW7620A Aluminum Fixed Window (unit 10 in proposal) dated 07/13/20, all signed and sealed by Idalmis Ortega, P.E

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), dated 05/15/15, 08/29/17 and updated on 03/10/20 to the new FBC 7th Edition (2020), prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 2. EVIDENCE SUBMITTED under previous approval(CONTINUED)
- E. MATERIAL CERTIFICATIONS
 - 1. Notice of Acceptance No. 19-0305.02 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.
 - Notice of Acceptance No. 18-0725.11 issued to Kuraray America, Inc. for their "Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer" dated 05/23/19, expiring on 05/23/24.
 - 3. Notice of Acceptance No. 18-0122.02, issued to ENERGI Fenestration Solutions USA, Inc., for their White Rigid PVC Exterior Extrusions for Windows and Doors, approved on 03/08/18, expiring on 02/28/23.
 - 4. Notice of Acceptance No. 18-1217.15, issued to ENERGI Fenestration Solutions USA, Inc., for their Bronze and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors, approved on 01/17/19, expiring on 04/16/20.
 - 5. Notice of Acceptance No. 18-1217.16, issued to ENERGI Fenestration Solutions USA, Inc., for their Performance Core Rigid PVC Exterior Extrusions for Windows and Doors, approved on 01/17/19, expiring on 02/04/21.

F. STATEMENTS

- 1. Statement letter of conformance, complying with FBC 6th Edition (2017) and the FBC 7th Edition (2020), dated March 10, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- 2. Statement letter of no financial interest, dated March 10, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- 3. Proposal No. 19-1155 TP issued by the Product Control Section, dated January 10, 2020, signed by Ishaq Chanda, P.E.

G. OTHERS

- 1. Notice of Acceptance No. 17-0630.05, issued to PGT Industries, Inc. for their Series "SH-5500" PVC Single Hung Window L.M.I. approved on 11/30/17 and expiring on 07/30/20.
- 2. Notice of Acceptance No. 16-0714.03, issued to PGT Industries, Inc. for their Series "5500" PVC Single Hung Window L.M.I. approved on 08/18/16 and expiring on 07/30/20.

Ishay 1. Chank

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 3. NEW EVIDENCE SUBMITTED
- A. DRAWINGS
- 1. Drawing No. MD-SH5500-01REV D titled "Single Hung Window Installation LM", sheets 1 through 13 of 13, dated 05/15/15 and last revised on 07/05/23, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- B. TESTS (submitted under previous approval)
 - 1. None.
- C. CALCULATIONS (submitted under previous approval)
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

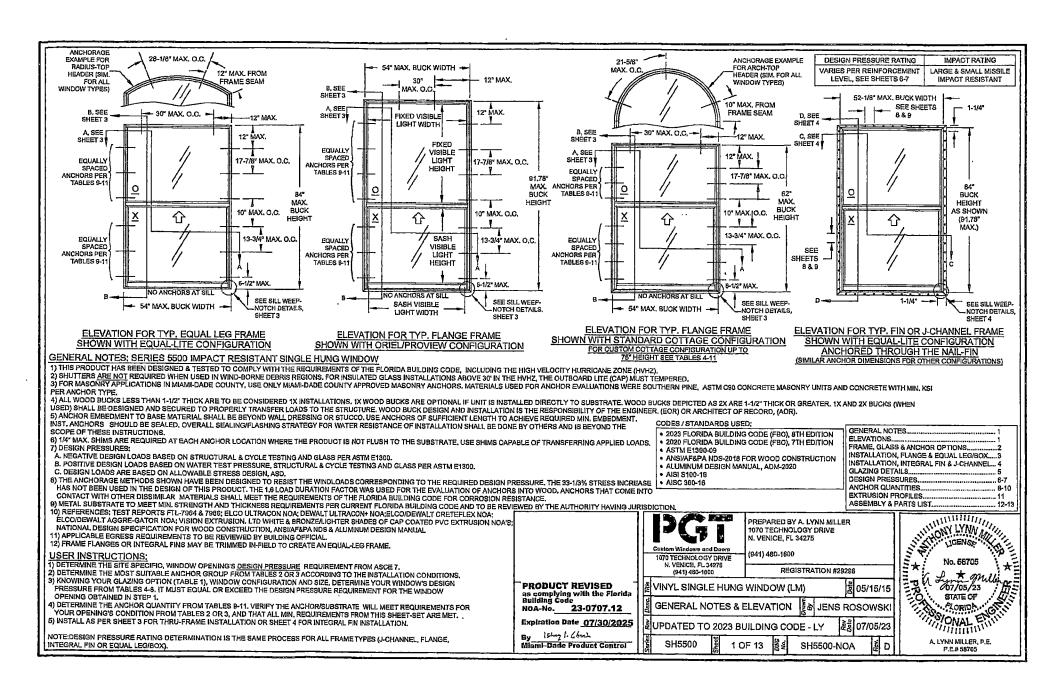
- 1. Notice of Acceptance No. 19-0305.02 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.
- 2. Notice of Acceptance No. 18-0725.11 issued to Kuraray America, Inc. for their "Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer" dated 05/23/19, expiring on 05/23/24
- 3. NOA No. 21-1109.04 issued to Vision Extrusions Group Limited, for their "White Rigid PVC Exterior Extrusions for Windows and Doors", expiring on 09/30/24.
- 4. NOA No. 22-0104.04 issued to Vision Extrusions Group limited for their "Bronze and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors", expiring on 04/16/25.
- 5. NOA No. 20-0203.04 issued to ENERGI Fenestration Solutions USA, Inc. for their "Performance Core Rigid PVC Exterior Extrusions for Windows and Doors" dated 02/27/20, expiring on 04/16/25.

F. STATEMENTS

- 1. Statement letter of conformance, complying with FBC 7th Edition (2020) and the FBC 8th Edition (2023), dated 07-05-23, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- 2. Statement letter of conformance, complying with FBC 6th Edition (2017) and the FBC 7th Edition (2020), dated March 10, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.É. (submitted under previous approval)

G. OTHERS

1. This NOA revises NOA No. 20-0401.03, expiring on 07/30/25. Shank



Glass	Description (Listed from Exterior to Interior)	Dosign Pressur	
Type		Table #	Sheet
- 5	7/8° Laminated I.G.: 1/8" A Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4,5	6
6	7/6" Laminated I.G.: 1/6" T Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/6" A Glass with .090" PVB Interlayer	4,6	6
7	7/8" Laminated I.G.: 3/16" A Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4, 6	6
- 8	7/8" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4,6	6
9	7/8" Laminated I.G.: 1/8" A Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	7	7
10	7/8" Laminated I.G.: 1/8" T Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	7	7
11	7/8" Laminated I.G.: 3/16" A Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	1	
12	7/8" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	1-7	
13	7/8" Laminated I.G.: 1/8" A Exterior Cap + 5/16" Air Space + 7/16" Laminated: (2) Lites of 3/16" A Glass with .090" SG interlayer	8	
14	7/8" Laminated I.G.: 1/8" T Exterior Cap + 5/16" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	- 8	
15	7/8" Laminated I.G.: 3/16" A Exterior Cap + 1/4" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer		
16	7/8" Laminated I.G.: 3/16" T Exterior Cap + 1/4" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer		

TARIF 2.	ALL OWARLE	ANCHORS	THROUGH THE ERAME

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment
	#10 SMS	P.T. Southern Pine (SG=0.55)	7/16°	1-3/8"
	(steel, 18-8 S.S.	Steel, A36*	3/8"	0.050*
	or 410 S.S.)	Steel Stud, A653 Gr. 33*	3/8"	0.0451" (16 Ga.)
Α		Aluminum, 6063-T5*	3/8"	0.050"
		P.T. Southern Pine (SG=0.55)	7/16"	1-3/6 ⁰
	3/16" steel Ultracon+	Concrete (mln. 3 ksi)	1"	1-3/6"
	·	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
- 1	#12 SMS	P.T. Southern Pine (SG=0.55)	9/16°	1-3/8"
В	(steel, 18-8 S.S. or 410 S.S.)	Steel, A36*	3/6"	0.050"
		Steel Stud, A653 Gr. 33*	3/8"	0.0451" (18 Ga.
		Aluminum, 6063-T5*	3/8"	0.063"
- 1	1/4" steel Ultracon+	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
l i	1/4" steel Creteflex	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	1/4" steel Aggre-Gator	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	1/4" steel Ultracon+	Concrete (min. 3 ksl)	1-3/16"	1-3/4"
C	- Steel Olliacoll	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
	1/4" steel Creteflax	Concrete (mln. 3.35 ksi)	1"	1-3/4"
	1/4" steel Ultracon+	Concrete (min. 3 kst)	2-1/2"	1-3/4"
L	in older Olliecolle	Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
ъΓ	1/4" steel Creteflex	Concrete (min. 3,35 ksl)	2-1/2"	1-3/4"
- Ł		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
	1/4" steel Aggre-Gator	Concrete (min. 3.275 ksl)	1-1/2"	1-3/8"
1	5.559916-38101	Grouted CMU, (ASTM C-90)	2"	2"

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE,

"UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

& 15 MA THE HV

	o Grana ioi	5-8	Orlel/Proview	Arch-Top &	management of the parties	(Into Meta	u - sneet 4, option /
SG Interlayer 7 7	(#1)		& Cottage	Radius-Top	Through the fran		ood Frame/Buckstrip - sheet 4, option 6
CLASS TOTAL TO ALL AS					of the window	Into Meta	i - sheet 4, option 8
GLASS TYPES 5, 7, 9, 11, 13 & 15 MAY NOT BE USED IN			Equal-Lite,	Caucas/Deat	Through the	Into 2XW	ood Frame/Buckstrip - sheet 4, option 5
THE HVHZ ABOVE 30°,	Integral Fin	5-8	Oriel/Proview	Arch-Top &	integral in	into Meta	l - sheet 4, option 7
	(#3)		& Cottage	Radius-Top	Through the fran		ood Frame/Buckstrip - sheet 4, option 6
	LJ				of the window	into Meta	l - sheet 4, option 8
<u> </u>	IGURE A: FRA	ME CONFIGUR	ATIONS	FIGURE B;	FRAME TYPES		
FIGURE C: FRAME SHAPES	EQUAL-LITE BUCK WIDTH		COTTAGE		INEL IN	TEGRAL FIN	"A" = ANNEALED "H" = HEAT STRENGTHENED "T" = TEMPERED "PUB" = .090" TROSIFOL® PVB BY KURARAY AMERICA, INC. "SG" = .090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC.

installation Options that may be used

...into Concrete/CMU - sheet 3, option 2

...Into Concrete/CMU - sheet 3, option 2

ş D

..into Metal - sheet 3, option 4

..Into Metal - sheet 3, option 4

...into Metal - sheet 4, option 7

...into 2X Wood Frame/Buckstrip - sheet 3, option 1

...Into 2X Wood Frame/Buckstrip - sheet 3, option 1

...Into 2X Wood Frame/Buckstrip - sheet 4, option 5

.through 1X Buckstrip into Concrete/CMU - sheet 3, option 3

.through 1X Buckstrip Into Concrete/CMU - sheet 3, option 3

FIGURE C: FRAME SHAPE	FS	EQUAL-LITE	-	DRIEL	COTTAG	E
BUCK WIDTH	BUCK HEIGHT	RADIUS-TOP	LEG HEIGHT;	BUCK HEIGHT	CH-TOP	- HEIGHT
WINDOW SHAPES AS AB	OVE	OR SIMILAR AF	REAF	PROVED.	SHAPES M	AY I

Frame

Types

(see Fig B)

Flange

(#2)

Box /

Equal-Leg

(#4)

J-Channel

Glass

Options

(see Table 1)

5 - 16

5 - 16

5-8

Frame

Configs.

(see Fig A)

Equal-Lite,

Oriel/Proview

& Cottage

Equal-Lite,

Orlel/Proview

& Cottage

Equal-Lite,

Orlel/Proview

Frame

Shapes

(see Fig C)

Arch-Top &

Radius-Top

Square/Rect.

Arch-Top &

Radius-Top

Square/Rect.

Arch-Top &

Through the frame

Through the frame

of the window...

Through the

integral fin,....

of the window...

WINDOW SHAPES AS ABOVE OR SIMILAR ARE APPROVED. SHAPES MAY BE USED BY INSCRIBING THE SHAPE IN A BLOCK AND OBTAINING DESIGN PRESSURES AND ANCHORAGE FOR THAT BLOCK SIZE FROM THE TABLES ON SHEETS 6-10.

PRODUCT REVISED

NOA-No.

By Ishay 1. Chande

as complying with the Florida Building Code

Miami-Dade Product Control

23-0707.12 Expiration Date <u>07/30/2025</u>

watena	MID. Fy	Min. Fu
Steel Screw	92 ksi	120 ksi
18-8 Screw	60 ksi	95 ksi
410 Screw	90 ksi	110 ksl
Elco/DeWalt Aggre-Gator®	57 ksl	95 ksl
3/16" DeWalt UltraCon+®	117 ksi	164 ksi
1/4" DeWalt UltraCon+®	148 ksi	164 ksi
410 SS Elco/Dewalt CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ks
A36 Steel	36 ksi	59 ksi
Gr. 33 Steel Stud	33 ksi	45 ksi

TABLE 3: ALLOWABLE ANCHORS THROUGH THE INTEGRAL FIN

Group		Substrate	Min. Edge Distance	Min. Embednient
E.]	2-1/2" x .131" Common Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
	2-1/2" Ring-shank Roofing Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
ı	#40 7 1 1 5145	P.T. Southern Pine (SG=.55)	1/2"	1-3/8*
	#10 Trusshead SMS (steel, 18-8 S.S.	Aluminum, 6083-T5°	3/8"	0.050°
ł	or 410 S.S.)	Steel Stud, Gr. 33*	3/8"	0.0451" (18 Ge.)
F		Steel, A36°	3/8"	0.050"
- 1	740 CMD	P.T. Southern Pine (SG=.65)	9/16*	1-3/8*
	#12 SMS (steel, 18-8 S.S.	Aluminum, 6083-T5*	3/8"	0.083"
l	or 410 S.S.)	Steel Stud, Gr. 33*	3/8*	0.050"
	0.0.,	Steel, A36°	3/8"	0.050*

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.



N. VENICE, FL 34275 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600

(941) 480-1600

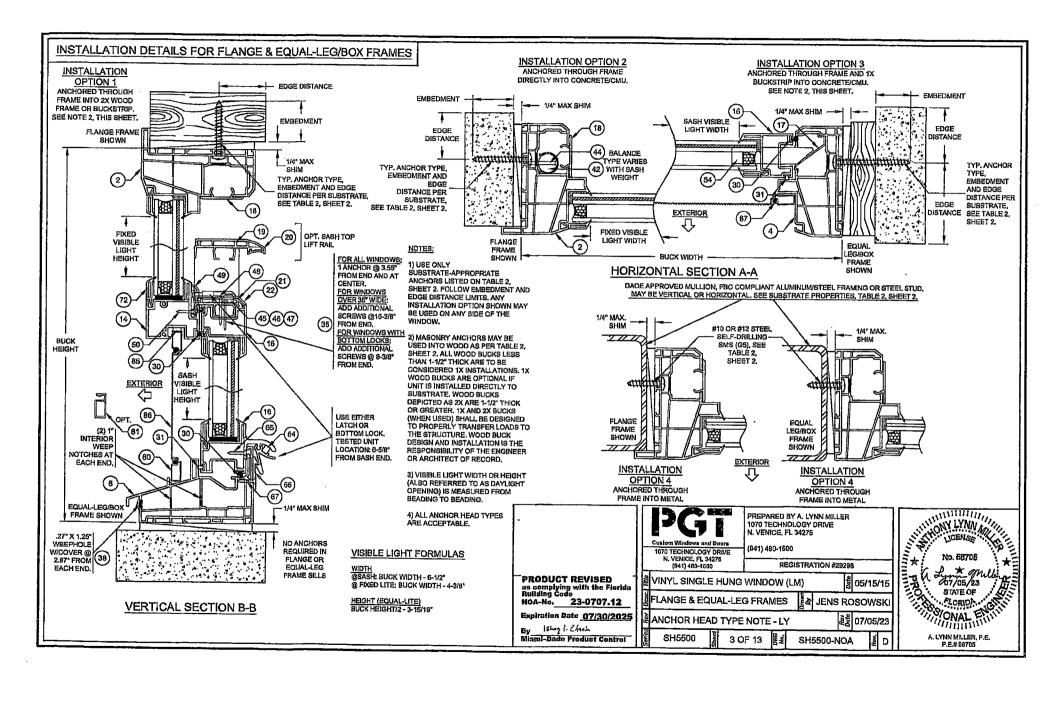
REGISTRATION #29296 VINYL SINGLE HUNG WINDOW (LM) ই 05/15/15

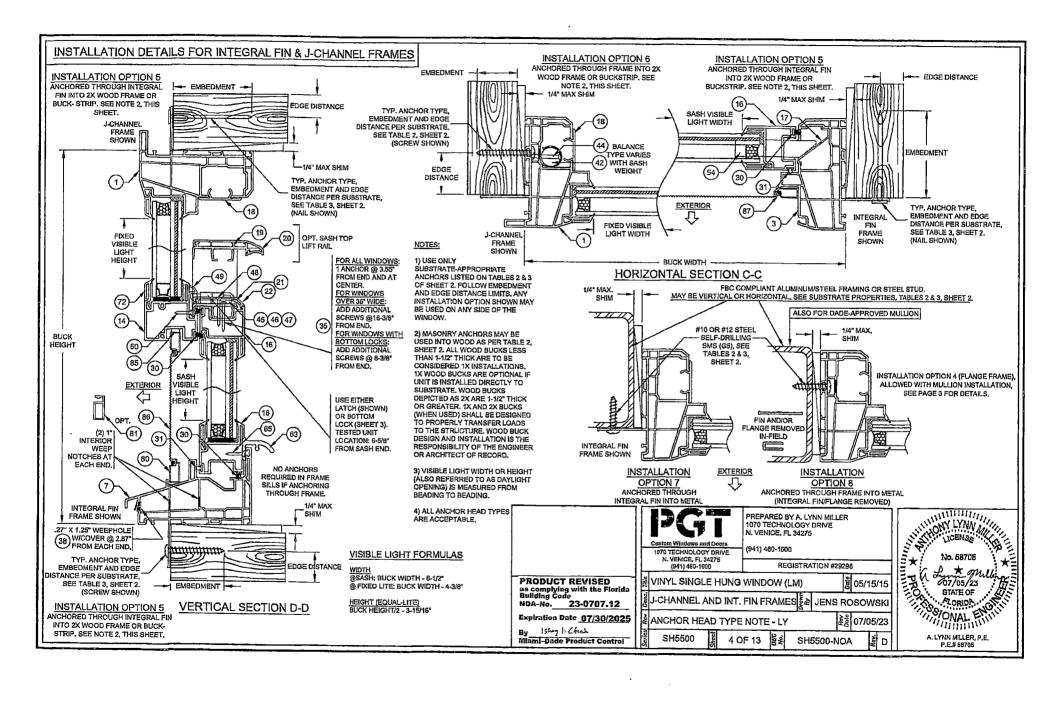
PREPARED BY A. LYNN MILLER

1070 TECHNOLOGY DRIVE

GLASS/ANCHOR/FRAME OPTIONS A JENS ROSOWSKI 图REMOVED ULTRACONS - LY हे हैं 07/05/23

SH5500 2 OF 13 SH5500-NOA A. LYNN MILLER, P.E. P.E.# 58705





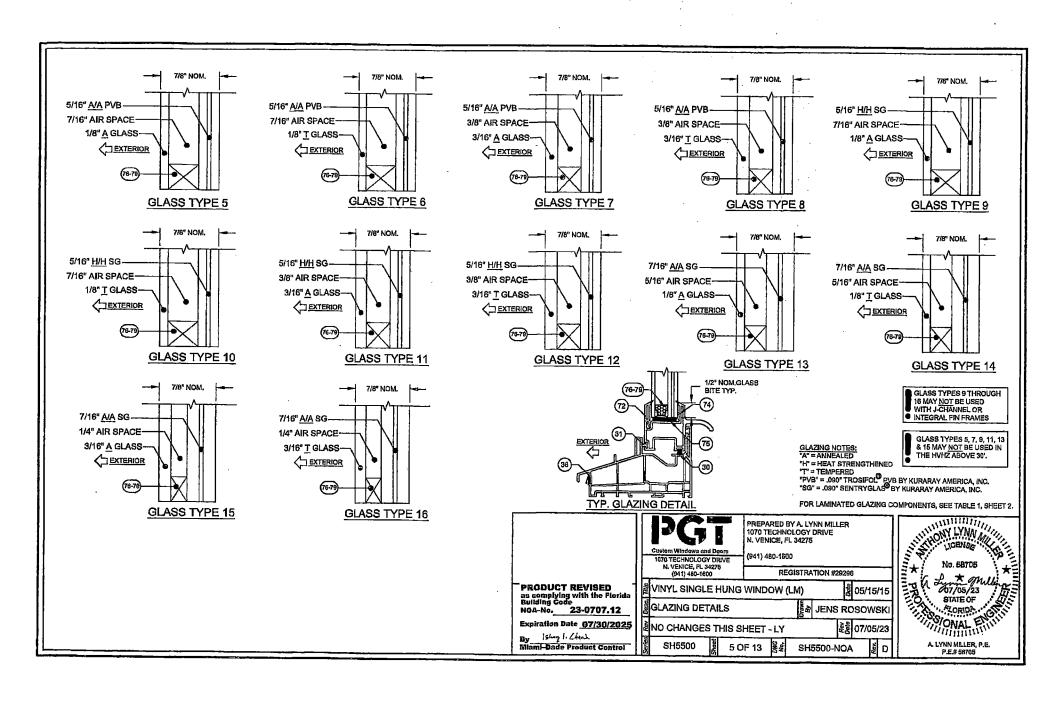
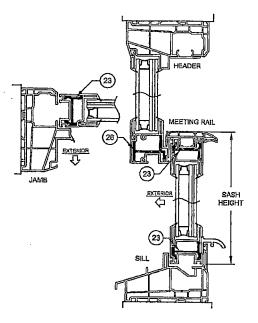


TABLE 4:	
Glass Types 5, 6, 7 & B	Design Pressure, lbalft ²
	+/- 50.0
Reinf, Level	For all window & sests sizes

SEE TABLE 9, SHEET 8 FOR ANCHOR GROUP AND QUANTITY.



SECTION DETAIL FOR WINDOWS WITH LEVEL R1 REINFORCEMENT & GLASS TYPES 5, 6, 7 & 8 (REINFORCEMENTS SHOWN IN FIGURES ABOVE APPLY TO ALL FRAME TYPES & CONFIGURATIONS)

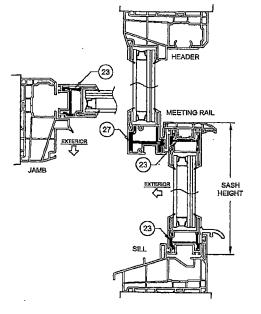
T/	BLE 5:						
	dasa Typo	Bottom Sash	· · · · · · · · · · · · · · · · · · ·	T			7
L	5	Description for given	Sash Height			ssure, l	
Re	inf. Level	Renge & Window Height Shown	Range (in)	W	ndow Bu	ck Width	(în)
_	R2				0.48		125
	23.5	Equalita	11,391	+65,0		+65,0	-70.0
	28	Standard Cottage	14.517 - 15.870	+65.0	-70.0	+65.0	-70.0
	28	Equalitio	11.583 - 14.518	+65.0	-70.0	+65.0	-70.0
		Standard Proviow	11,377 - 11,582	+65.0	-70.0	+65.0	-70.0
1	l .	Taliost	23.517 - 25.285	+65.0	-70.0	+65.0	₂ 70.0
1	37,375	Standard Cottage	20.958 - 23.515	+65.0	-70.0	+65.0	-70.0
1	37.375	Equal-lile Stondard Proview	17.517 - 20.857	+65.0	-70,0	+65.0	-70.0
	1		14.517 - 17.518	+65.0	-70.0	+65.0	-70.0
		Shortest Tellesi	11.377 - 14.515 27.583 - 31.911	+65.0	-70.0	+65.0	-70.0
li		Custom Size		+65.0	-70.0	+85.0	-70.0
Ш		Standard College	28.517 - 27.562	+65,0	-70.0	+65.0	-70.0
ŀ	44		23.517 - 26.518	+65.0	-70.0	+65.0	-70.0
1		Equalitie Standard Proview	20.517 - 23.516 17.517 - 20.518	+65.0	-70.0	+65.0	-70.0
. 1		Custom Size	14.517 - 17.518	+65.0	-70.0	+85.0	-70.0
		Shortest		+65.0	-70.0	+05.0	-70.0
		Tailest	11.377 - 14.515 31.583 - 35.911	+65.0 +65.0	-70.0	+65.0	-70.0
1		Standard Coltage	26.517 - 31.582	+65.0	-70.0	+85.0	-70.0
		Equalita	20.517 - 20.518		-70.0	+85.0	-70.0
	48	Standard Provew	17.517 - 20.518	+65.0	-70.0	+05.0	-70.0
	70	Custom Size	14.517 - 17.516	+65.0	-70.0	+65.0	-70.0
		Custom Size	12.517 - 14.518	+65.0	-70,0	+65.0	-70.0
		Shortest	11.377 - 12.518	+65.0	-70,0	+65.0	-70.0
(E)		Tolical	33.200 - 37.536	+65.0	-70,0	+65,0	-70.0
Holon		Standard Cottage	26.517 - 33.207	+65.0	-70.0	+65.0	-70.0
Ŧ,		Equalita	23.517 - 26,518		-70.0	+65.0	-70.0
Wandow Breck		Custom Size	20.517 - 23.515	+65.0 +65.0	-70,0	+65.0	-70.0
8	49.625	Standard Proview	17.517 - 20.518		-70.0	+65.0	-70.0
ŝ	1	Custom Size		+53.0	-70.0	+65.0	-70.0
-1	1	Custom Size	14.517 - 17.518 12.517 - 14.518	+65.0	-70.0	+65.0	-70.D
	1	Shortesi	11.377 - 12.516	+65.0	-70.6	+65.0	-70.0
1		Tellest	35.517 - 41.644	+65.0	-70.0	+65.0	-70.0
1	1	Stendard Collage	31.517 - 30.518	+65,0 +65.0	-70,0	+65.0	-70,0
		Equalitie			-70.0	+65.0	-70.0
Į		Standard Provious	28.517 - 31.516	+65.0	-70.B	+65.0	-70.0
- (62	Custom Size	23,517 - 25,518	+65.Q	-70,0	+65.0	-70.0
	- 1	Custom Size	17.517 - 20.516	+65.0	-70.0	+65.Q	-70.0
-1	1	Custom Size	14.517 - 17.516	+65.0	-70.0	+65,0	-70.0
- 1	1	Custom Size		+65.0	-70.0	+65.0	-68.1
- 1		Shortes!	13.017 - 14.516	+65.0	-70.0	+65.0	-67.3
1		Triffost	11.684 - 13.016	+65.0	-70.0	+65.0	-68.5
١	-	Custom Size	38.517 - 41.644	+65.0	-70.0	+65.0	-70.0
ı		Equal-lite	35,517 - 38,516	+65.D	-70.0	465.0	-70.0
Į	75	Custom Size	32.517 - 35.516		93	+65.0	-70.0
-[" }	Standard Proview	29.517 - 32.518	+65.0	-70.0	+65.0	-70.0
١	1	Custom Size		+65.0	-70.0	+65.0	-70.0
١	ļ		25.517 - 29.516	+65.0	-70.0	+65.0	-67.3
ł		Shortest Equalitie	24.864 - 24.518	+65. 0	-70.0	+65.0	-60.5
1	84		38.517 - 41.644	+65.0	-70,0	+65.0	-70.0
- 1	89	Custom Size	35.517 - 38.516	+65.0	-70.0	+65.0	67.3
}	91,73	Standard Proving	33.864 - 35.518	+65.0	-70.0	+65.0	-65.5
_	01,10	Tallest	- 41,644	+65,0	-70,0	+65.0	-65.5

SEE TABLE 10, SHEET 9 FOR ANCHOR GROUP AND QUANTITY. " MIN. SASH HEIGHT = WINDOW BUCK HEIGHT -50,136

(APPLIES TO ANY HEIGHT 91.78" OR LESS)

TABLE 6: 6,7 & 8 Design Pressure, Ibs/ft2 Reinf. Leve R2 For all window and sash sizes

SEE TABLE 10, SHEET 9 FOR ANCHOR GROUP AND QUANTITY.



SECTION DETAIL FOR WINDOWS WITH LEVEL R2 REINFORCEMENT & GLASS TYPES 5, 6, 7 & 8 (REINFORCEMENTS SHOWN IN FIGURES ABOVE APPLY TO ALL FRAME TYPES & CONFIGURATIONS)

1) USE THESE TABLES FOR ALL WINDOWS INSTALLED THROUGH THE FRAME OR INTEGRAL FIN.

2) FRAME DIMENSIONS ARE BUCK, SASH HEIGHT IS AS PER THE FIGURE,

3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE,

PRODUCT REVISED as complying with the Florida Building Code 23-0707.12

Expiration Date 07/30/2025

By ISMy 1- Link
Miami-Dade Product Control

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275

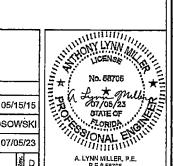
(941) 480-1600 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600

륅VINYL SINGLE HUNG WINDOW (LM)

REGISTRATION #29296 閡 05/15/15 DESIGN PRESSURE TABLE A JENS ROSOWSKI

MO CHANGES THIS SHEET - LY 홅闐 07/05/23 SH5500

6 OF 13 SH5500-NOA ğ D



ŤΔ	BLE 7:						
	lass Type	Bottom Sash		г			
	2, 15 8, 16	Description for given	Sash Haight	l	Design Pres	seure, lbs/ft²	
Re	int. Level	Range @ Window	Rango (n)		Window Box	k Wiskh (In)	
	3	Height Shown		ug to 40	48	52,125	64
_	23.6	Equalitie	11,394	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Standard Coltage	14.517 - 15.870	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
	28	Equalitie	11.563 - 14.510	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Standard Proview	11.377 - 11.682	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Talksi	23.517 - 25.286	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Standard Collage	20,658 - 23,516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
	37,375	Equal-file	17.517 - 20.957		7410		
	31,514	Standard Proview	14.517 - 17.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -109.0 +70.0 -110.0
				+70.0 -110.0	+70.0 -110.0	+70,0 -110.0	7555
		Shortest	11,877 - 14,516	+70.0 -110.0	+70.0 -110.0	+70.0 -107.0	+70,0 -103.0
		Tallest	27,583 -31,911	+70.0 -110.0	+70.0 -99.0	+70.0 -83.0	+70.0 -80.0
		Custom Size	26,517 - 27,582	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
١.		Standard Cottage	23.517 - 26.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
	44	Equal-life	20,517 - 23,516	+70,0 -110,0	+70,0 -110,0	+70.0 -110.0	+70.0 -110.0
		Standard Provious	17.517 - 20.518	+70,0 -110,0	+70.0 -110.0	+70.0 -110.0	+70,0 -110.0
		Custom Size	14.517 - 17.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Shartesi	11,377 - 14,518	+70.0 -110.0	+70.0 -110.0	+70.0 -107.0	+70.0 -103.0
		Tallest	31,583 - 35,911	+70.0 -110.0	+70.0 -99.0	+70.0 -93.0	+70.0 -60.0
	l	Standard Cottago	26,517 - 31,582	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Equal-life	20.517 - 28,516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
	48	Standard Proteon	17.517 - 20.818	+70.0 -110.0	→70.0 -110.0	+70.0 -110.0	÷70.0 -110.0
		Custom Sizo	14.517 - 17.518	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Custom Stre	12.517 - 14.516	+70.0 -110.0	+70.0 -110.0	+70,0 -110.0	+70.0 -110.0
E		Shortest	11.377 - 12.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
ă		Talleat	33,208 - 37,536	+70.0 -110.0	+70.0 -99.0	+70,0 -93,0	+70.0 -€0.0
Wandow Buck Height		Standard Cottage	28.517 - 33.207	+70.0 -119.0	+70.0 -110.D	+70.0 -110.0	+70.0 -110.0
ð	1	Equal-lity .	23,517 - 20,516	+70.0 -110.0	÷70.0 -110.0	+70.9 -110.0	+70.0 -110.0
₫.		Custom Size	20.517 - 23,516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
á	49.625	Standard Proview	17.517 - 20.518	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
ŧ	Ì	Custom Size	14,517 - 17,516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.D	≠70.0 -110.0
-		Custom Size	12.517 - 14.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Shortest	11.377 - 12.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
	_	Tellost	39,517 -41,644	+70.0 -110.0	+70.0 -110.0	+70.8 -110.0	+70.0 -110.0
		Standard Cottone	31,517 - 36,616	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Equal-Ita	28.517 - 31.518	+70.0 110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
	;	Standard Protes	23.517 - 26,616	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
	62	Custom Size	20.517 - 20.516	+70.0 -110.0	+70.0 -110.0	+70.0 1-110.0	+70.0 -110.0
	~	Custom 6ize	17.517 - 20.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	
		Custom Size	14,517 - 17,516	+70.0 -110.0			
	1				****		+70.0 -110.0
		Cuntam Size	13.017 - 14.616	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Bhartes!	11.854 - 13.016	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Talleat	39.517 -41.644	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Custom Size	38.517 - 38.616	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Equal-life	35.517 - 38.518	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.D -110.C
	75	Custom Stze	32,517 - 33,516	+70,0 -110.0	+70,0 -110.0	+70.0 -110.0	+70.0 -110.0
	,	Standard Proview	29.517 - 32.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
ı		Custom 6fze	26.517 - 28.516	+70.0 -110.0	+70.0 -110.0	+70.8 -110.D	+70.0 -110.0
1		Shortesi	24.684 - 28.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
1		Equalita	38.517 - 41.644	+70.0 -110.0	+70.0 -110.0	+70,0 -110.0	+70.0 110.0
	64	Custom Size	35.517 - 38.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
		Standard Proview	33.864 - 35.616	+70.0 -11a.0	+70.0 -110.0	+70.0 -110,0	+70,0 -110,0
	91.78	Tallest	** - 41,844	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70,D -110.0

SEE TABLE 11, SHEET 10 FOR ANCHOR GROUP AND QUANTITY.
** MIN. SASH HEIGHT = WINDOW BUCK HEIGHT - 50,138
(APPLIES TO ANY HEIGHT 91.78" OR LESS)

_											
	BLE 8:		,								
1	13 & 14	Bottom Sash					Dasian Pre	saure (ba/ft²			
Į.	TJ & TA	Description for given Range @ Window	Seah Height Range (in)					ok Widin (In)			
١,	3	Height Shown	retuille fint	16	24	32	96 S6	40 40	48	52,125	F 54
۲	23.5	Equal-the	11,394	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70,0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
1	1-7.2	Standard Cottege	14.517 - 15.870	+70.0 -110.0	+70.0 -110.0	+70.0 110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
١	28	Equal-like	11.583 - 14.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
1		Stendard Provious	11,377 - 11,582	•70.0 •110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
H	—	Tallest	23.517 - 25.288	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	
ł	[·]	Etendard Cottons	20.958 - 23.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0		+70.0 -110.0
1	37,375	Equal-De	17.517 - 20.957	+70.0 -110.0	470.0 -110.0	+70.0 110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0 +76.0 -110.0	+70.0 -110.0
1	1	Standard Proview	14,617 - 17,518	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 (-110.0	+70.0 -110.0	+70.0 -110.0	
ł		Shortest	11,377 - 14,516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -107.0	+70.0 -110.0
Т		Tallest	27,583 - 31,911	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0 +70.0 -110.0	+70.0 -110.0	+70.0 -09.0	1111	
Т	1 1	Custom Size	26.517 - 27.582	+70.0 -110.D	+70.0 -110.0	+70.0 -118.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -93.0 +70.0 -110.0	+70.0 -80.0
Т		Stondard College	23.517 - 28.518	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
Т	44	Equal-lite	20.517 - 23.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
Т	1 1	Standard Proview	17.517 - 20.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
1	1 1	Custom Size	14.517 - 17.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
1	1 1	Shortest	11,377 - 14,516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -107.0	+70.0 -103.0
Т		Tallest	31,583 - 35,911	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -09.0	+70.0 -93.0	+70.0 -90.0
Т	1	Standard Cottage	26.517-31.582	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70,0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
1	1 1	Equal-lite	20.517 - 28.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
1	48	Standard Proview	17.517 - 20.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
1	'	Custom Size	14.517 - 17.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
1	1 1	Custom Size	12.517 - 14.518	+70,0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
12		Shortesi	11,377 - 12.516	+70.0 -110.0	+70.0 -110.0	+70.0 -410.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
Minches History Majorit Re-		Tallest	33.208 - 37.536	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70,0 -98.0	+70.0 -93.0	+70.0 -50.0
1	1	Standard College	28.517 - 33.207	470.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.D -110.0	+70.0 -110.0
1		Equal-lile	23.517 - 26,516	+70,0 -110,0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
13	49.625	Custom Size	20.517 - 23.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.B	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
١ŧ	40,020	Standard Province	17,517 - 20,518	+70,0 -110,0	+70,0 -110,0	+70.0 -110.0	+70,0 -110,0	+70.0 -110.0	+70,0 -110,0	+70.0 -110.0	+70,0] -110,0
3	1	Custom Bize	14.617 - 17,518	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -119.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
П	1 1	Custom Size	12.617 - 14.916	+70.0 -110.0	≠70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
П		Shortest	11,377 - 12,518	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0
П	1	Tallest	38.517 - 41.844	+70.0 -110.0	+70.0 -110.0	+70.0 -410.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -105.7
П	1	Standard Cottage	31.517-38.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -108.5	+70.0 -103.0
П	1 1	Equal-lite	26,517 - 31,516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	470.0 -107.8	+78.0 -102,4
П	i 1	Standard Proview	23.517 - 28.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -105.2
1	62	Gustam Size	20.517-23.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70,0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -107.0
Т		Custom Size	17.517 - 20.516	+70.0 -110.0	+70.0 -110,0	+70,0 -110,0	+70.0 -110.0	+70,Q -110.Q	+70.0 -110.0	470.0 -510.D	+70.0 -109,6
1		Custom Size	14.517 - 17.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -106.0	+70,0 -102,5	+70.0 -100.5	+76.0 -100.5	+70.0 -100.5
ı		Custom Size	13.017 - 14.616	+70.0 -110.0	+70.0 -110.0	+70.0 -108.2	+70.0 -100.7	+70.0 -97.1	+70.0 -D4.A	+70.0 -04.4	+70.0 -64.4
Ł		Shortes!	11.664 - 13.016	+70.0 -110.0	+70.0 -110.0	+70.0 -102.6	+70.0 97.0	+70.0 -93.3	+70.0 -80.1	+70.0 -80.0	+70.0 -00.0
	1 1	Tollest	39.517 - 41.844	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -101.5	+70.0 -66.0
	i i	Custom Size	38.517 - 39.516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -101.7	+70.0 -96.3
1	1 1	Equal-lite	35.517 - 38.510	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110,0	+70.0 -110.0	+70.0 -110.0	+70.0 ·100,4	+70.0 -05.0
ı	75	Custom Size	32.517 - 35.518	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -100.7	+70.0 95.2
ı		Standard Proview	29.517 - 32,516	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110,0	+70.0 -110.0	+70.0 -109.8	+70.0 -101.6	+70.0 -96.1
ı]]	Custom Size	26.517 - 28.516	+70.0 -110.0	+70.0 -110.0	+70.0 -107.8	+70.0 -102.4	+70.0 -98.9	+70.0 -98.4	+70.0 -96.4	+70.D -96.A
ı		Shortest	24.884 - 26.516	+70.0 -110.0	+70.0 -110.0	+70.0 -104.6	+70.0 -99,1	+70.0 -95.4	+70.0 -92.4	+70.0 -92.4	+70.0 -82.4
1	1 1	Equal-tite	38.517 - 41.644	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -110.0	+70.0 -109.8	+70.0 -96.7	+70.0 -01.1
ļ	84	Custom Size	35.517 - 38.516	+70.0 -110.0	+70.0 -110.0	+70.0 -107.8	+70.0 -102.4	+70.0 -98.8	+70.0 -88.4	+70.0 -98.4	+70,0 -91,8
1	L.	Standard Proview	33.634 - 35.516	+70.0 -110.0	+70,0 -110.0	+70,0 -102.8	+70.0 -97.0	+70.0 -93.3	+70.0 -90.1	+70.0 -90.0	+70,0 -90,0
L	91.7B	Tallest	·· - 41.644	+70.0 -110.0	+70,0 -110,0	+70.0 -102.8	+70.0 -87.0	+70.0 -93.3	+70.0 -90.1	+70.0 -50,0	+70,0 -60,0

PRODUCT REVISED
as complying with the Florida
Building Code

Expiration Date 07/30/2025

By Shop I. Chash. Miami-Dade Product Control

NOA-No. 23-0707.12

SEE TABLE 11, SHEET 10 FOR ANCHOR GROUP AND

** MIN. SASH HEIGHT = WINDOW BUCK HEIGHT -50.138

(APPLIES TO ANY HEIGHT 91.78" OR LESS)

NOTES:

1) USE THESE TABLES FOR ALL WINDOWS INSTALLED THROUGH THE FRAME,

2) FRAME DIMENSIONS ARE BUCK, SASH HEIGHT IS AS PER THE FIGURE.

3) FOR SIZES NOT SHOWN, ROUND $\underline{\sf UP}$ TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE,

DC.

GLASS TYPES 9 THROUGH
10 MAY NOT BE USED WITH
J-CHANNEL OR INTEGRAL
FIN FRAMES
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275

SECTION DETAIL FOR
WINDOWS WITH
LEVEL R3 REINFORCEMENT
& GLASS TYPES 9-16
(REINFORCEMENTS SHOWN
IN FIGURES ABOVE APPLY
TO ALL CONFIGURATIONS)

(941) 480-1600

1070 TECHNOLOGY DRIVE N. VENICE, R. 34275 (941) 480-1600

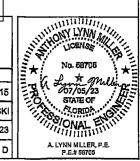
REGISTRATION #29296

붙VINYL SINGLE HUNG WINDOW (LM)

B DESIGN PRESSURE TABLE NO CHANGES THIS SHEET - LY

환경 07/05/23 NOA . D

 SH5500-NOA



SASH HEIGHT

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Max. Anchor O.C. Spacing for "Integral-Fin" Installation

NOTES:

1) USE THE ABOVE "ANCHOR QUANTITIES REQUIRED......" TABLE FOR ANCHORS INSTALLED THROUGH THE FRAME.

2) USE THE ABOVE "MAX. ANCHOR O.C. SPACING....." TABLE FOR ANCHORS INSTALLED THROUGH THE INTEGRAL FIN,

3) FRAME DIMENSIONS ARE BUCK. "MR" = MEETING RAIL.

4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE,

5) REFER TO TABLES 2 & 3, SHEET 2 FOR ANCHOR GROUP DESCRIPTIONS.

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1070 TECHNOLOGY DRIVE N. VENICE, FL 34275

1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600

(941) 480-1600 REGISTRATION #29298

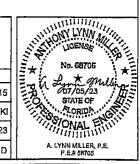
EVINYL SINGLE HUNG WINDOW (LM)

월 05/15/15 Ems Rosowski

호형 07/05/23

NO CHANGES THIS SHEET - LY SH5500

ž D SH5500-NOA



PRODUCT REVISED as complying with the Florida Building Code 23-0707.12

Expiration Date <u>07/30/2025</u> By | Stary | Chiel

8 OF 13

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Max. Anchor O.C. Spacing for "Integral-Fin" Installation Anchor Group F

** MIN. SASH HEIGHT = WINDOW BUCK HEIGHT - 50.136 (APPLIES TO ANY HEIGHT 91.78* OR LESS)

NOTES:

1) USE THE ABOVE "ANCHOR QUANTITIES REQUIRED....." TABLE FOR ANCHORS INSTALLED THROUGH THE FRAME.

2) USE THE ABOVE "MAX. ANCHOR O.C. SPACING....." TABLE FOR ANCHORS INSTALLED THROUGH THE INTEGRAL FIN.

3) FRAME DIMENSIONS ARE BUCK. "MR" = MEETING RAIL.

4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE,

5) REFER TO TABLES 2 & 3, SHEET 2 FOR ANCHOR GROUP DESCRIPTIONS.

Custom Windows and Doors

PRODUCT REVISED

as complying with the Florida Building Code

Expiration Date <u>07/30/2025</u>

By Ishay I. Chall
Nilami-Dade Product Control

NOA-No. 23-0707.12

1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600

SH5500

PREPARED BY A, LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275

(941) 480-1600

REGISTRATION #29296

VINYL SINGLE HUNG WINDOW (LM)

1) 출 05/15/15 출 JENS ROSOWSKI

NO CHANGES THIS SHEET - LY

9 OF 13

환출 07/05/23 SH5500-NOA 최 D

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GLASS TYPES 9 THROUGH 16 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES

** MIN. SASH HEIGHT = WINDOW BUCK HEIGHT - 50.136 (APPLIES TO ANY HEIGHT 91.78" OR LESS)

NOTES:

1) FRAME DIMENSIONS ARE BUCK. "MR" = MEETING RAIL,

2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE,

3) REFER TO TABLES 2, SHEET 2 FOR ANCHOR GROUP DESCRIPTIONS.

SH5500

PRODUCT REVISED

as complying with the Florida Building Code

Expiration Date 07/30/2025

By | Start L. Chart
Nilami-Dade Product Control

NOA-No. 23-0707.12

N. VENICE, FL 34275 (941) 480-1600 1070 TECHNOLOGY DRIVE

N. VENICE, FL 34275 (941) 480-1600

a VINYL SINGLE HUNG WINDOW (LM)

10 OF 13

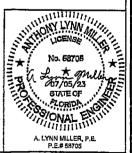
월 05/15/15 BANCHOR QUANTITY TABLE male jens rosowski

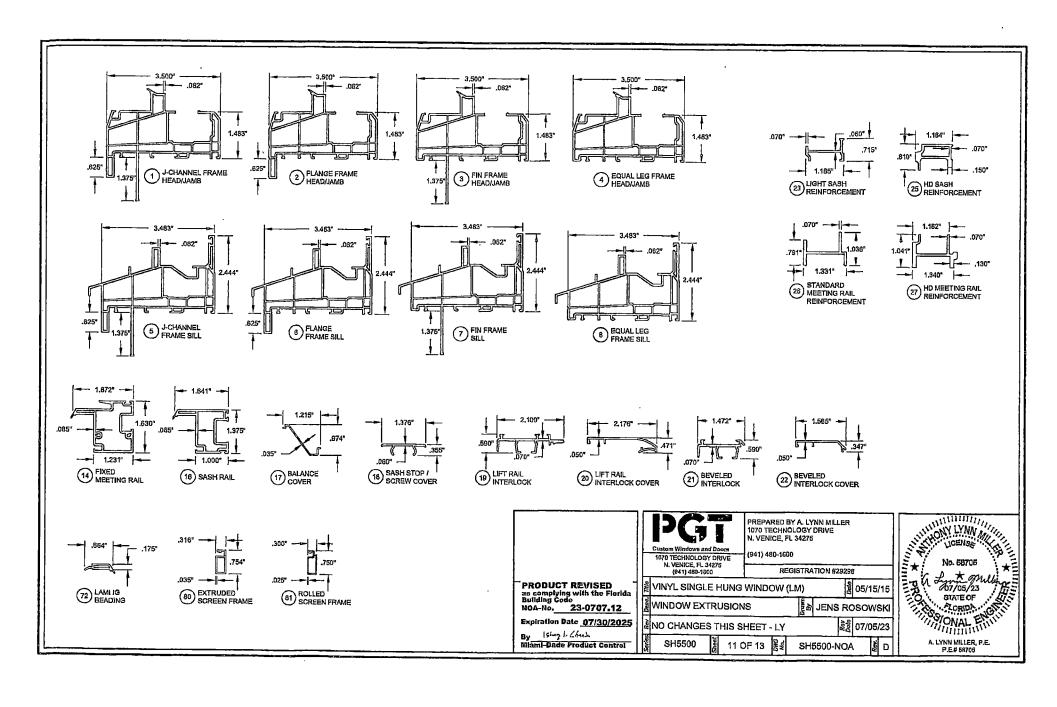
REGISTRATION #29296

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE

NO CHANGES THIS SHEET - LY

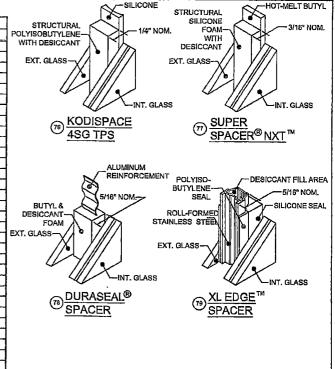
ਛੇਛੂੰ 07/05/23 ē D SH5500-NOA





		Bill of Material	
#	Part #	Description	Material
1	620101	Single Hung Frame Head & Jambs - J-Channel	PVC
2	620102	Single Hung Frame Head & Jambs - Flange	PVC
3	620103	Single Hung Frame Head & Jambs - Fin	PVC
4	620104	Single Hung Frame Head & Jambs - Equal Leg/Box	PVC
5	620105	SH/DH Frame Sill - J-Channel	PVC
6	620106	SH/DH Frame Silt - Flange	PVC
7	620107	SH/DH Frame Sill - Fin	PVC
8	620108	SH/DH Frame Sill - Equal Leg/Box	PVC
14	620131	Fixed Meeting Rail	PVC
16	620129	Sash Rall (Sides, Top & Bottom)	PVC
17	620134	Balance Cover	PVC
18	620133	Sash Stop/Screw Cover	PVC
19	620156	Pull Rall Interlock	6005 T5 A
20	620144	Pull Rail Interlock Cover	PVC
21	620157	Beveled Interlock	6005 T5 A
22	620145	Beveled Interlock Cover	PVC
23	620150	Light Sash Reinforcement	6063 T6 A
25	620152	HD Sash Reinforcement	6063 T6 A
26	620153	Standard Meeting Rall Reinforcement	6005 T5 A
27	620154	HD Meeting Rail Reinforcement	6005 T5 A
30	61644	Weatherstrip, .187" x .270" Fin Pile	
31	6Q300	Weatherstrip, .190" x .300" Foam Bulb	Flex PVC
32	61719	Weatherstrip, .187" x .220" PolyPile	
33	61825	Weatherstrip Plug, .220" Finseal	
35	78X1MTTT	#8 x 1" Ph. PH SDS (Interlock Mounting Screw)	
36	78X3THPX	#8 x 3" Ph. PH SMS (Meeting Rall Screw)	410 SS
37	71669SP	Meeting Rall Screw Support Plate	6063 T6 A
38	720210	Weep Hole Cover	PVC
40	72000000	Constant Force Balance	
41		#8 x 3/4" Ph. FH SMS (Con. Force Balance Screw)	SS
42		Spiral Balance	
43	720205	Spiral Balance Shoe	Nylon
44	78X114FPAX	#8 x 1-1/4" Ph. FH SMS (Spiral Balance Screw)	410 SS

TABLE 12, CONT.:					
Bill of Material, cont.					
#	Part #	Description	Material		
45	720197	Auto Lock Mechanism	C Steel		
46	720198&9	Sweep Lock	Cast Zinc		
47	720195&6	Auto Lock Cover Assembly	Cast Zinc		
48		#6 x 1-1/8" Ph. FH SDS (Auto and Sweep Lock Screw)	SS		
49	720200	Auto and Sweep Lock Keeper Cas			
50	776X34PPA	#6 x 3/4" PH. PH SDS (Keeper Screw) SS			
51		Beveled Tilt Latch Comer Key PVC			
52	420182 L/R	Pull Rail Tilt Latch Corner Key PVC			
53	7634PHFL	#6 x 3/4" Ph. FH SDS (Corner Key Screw) SS			
54	420183	Tilt Latch			
55	420184	Tilt Latch Retainer	PVC		
56	720207	1" Tilt Latch Spring	SS		
57	420186	Plastic Tilt Latch Finger Pull	PVC		
58	720192	Metal Tilt Latch Finger Pult	Cast Zinc		
59	420180	Pivot Bar Corner Key PVo			
.60	720206	Pivot Bar			
63	720191	Sash Pull Handle	Cast Zinc		
64	720194	Sash Pull Handle With Latch Assembly Cast Zi			
65	7834FPT	#8 x 3/4" Ph. FH SDS (Pull Handle Screw) SS			
66	420188	Bottom Latch Strike Plate	Cast Zinc		
67	77858B	#8 x 5/8" Ph. FH SMS (Strike Plate Screw)	SS		
72	720135	Lamí I.G. Bead	PVC		
74		Backbedding, GE 7700 or Dow 791 or Dow 983	Silicone		
75	71646N	Setting Block (7/8" x 1" x 1/8"), 85 +/- 5 duro.	EPDM		
80	61012	Extruded Screen Frame	Alum		
81	61011	Roll-Formed Screen Frame	Alum		
82	7CKGLB21	Screen Comer Key for Extruded Frame X4	PVC		
83	47042	Screan Corner Key with Pull Ring X2	PVC		
84	47041	Screen Corner Key without Pull Ring X2	PVC		
85	7CASPM	Tension Spring			
86	61816C48	Screen Cloth Fiberglass			
87	61635/61614	.140" Screen Spline (Machine/Hand Rolled)	Vinyi		



Part#	Description	Material			
76	Kommerling 4SG TPS Spacer System	See this Sheet for Materials			
77	Quanex Super Spacer nXT with Hot Melt Butyl				
78	Quanex Duraseal Spacer				
79	Cardinal XL Edga Spacer				
REFERENCE TEST REPORTS: FTL-8717, 8968 & 8970					

1) PVC BY VISION EXTRUSION, LTD., TO BE LABELED FOR AAMA EXTRUDER CODE. 2) ITEMS # 9-13, 15, 24, 28, 29, 34, 39, 61, 62, 68-71, & 73 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL. 1070 TECHNOLOGY DRIVE N. VENICE, FL 34276 (941) 480-1600

PRODUCT REVISED

as complying with the Florida Building Gode

NGA-No. 23-0707.12 Expiration Date 07/30/2025

By Island Lines.
Milami-Dade Product Control

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600

REGISTRATION #29296

[원VINYL SINGLE HUNG WINDOW (LM)

12 OF 13

BILL OF MATERIALS

SH5500

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RECHANGED EXTRUDER TO VISION - LY 호텔 07/05/23

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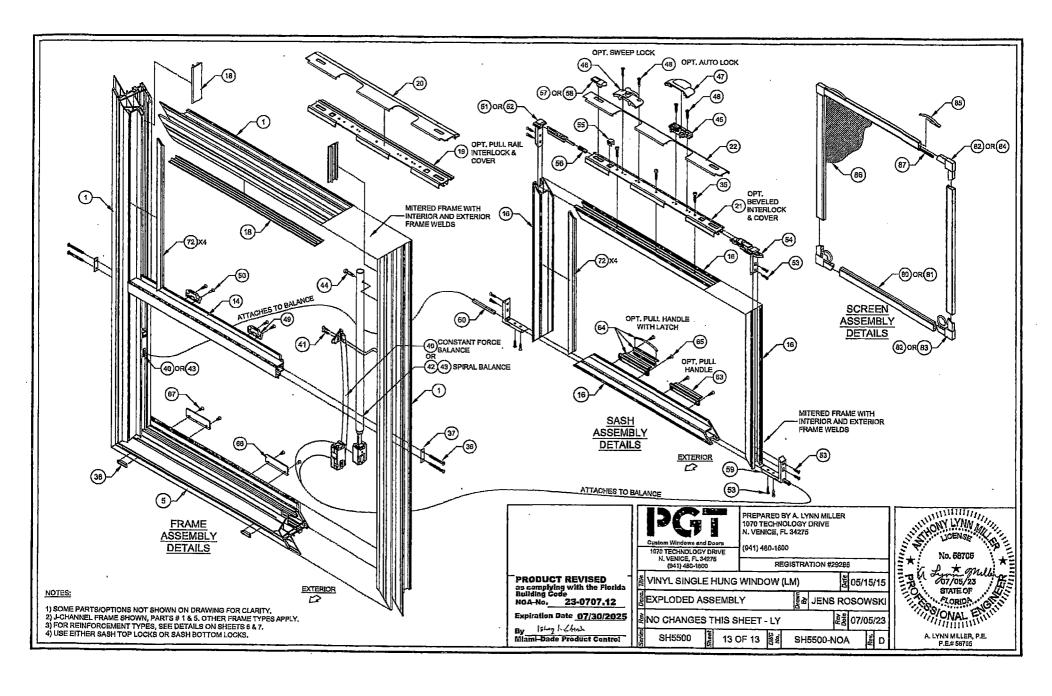
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JONA A. LYNN MILLER, P.E. P.E.# 58705







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FL21135-R6

Revision





Product Approval Menu > Product or Application Search > Application List > Application Details

Application Type

Code Version 2023 Application Status Approved

Comments Archived

 \Box

Product Manufacturer Address/Phone/Email

Therma-Tru Corporation 1750 Indian Wood Circle Maumee, OH 43537 (800) 843-7628 sjasperson@thermatru.com

Authorized Signature

Vivian Wright

rickw@rwbldgconsultants.com

Technical Representative Address/Phone/Email

Quality Assurance Representative Address/Phone/Email

Category Subcategory **Exterior Doors**

Swinging Exterior Door Assemblies

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida

Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed

the Evaluation Report

Florida License

Quality Assurance Entity

Quality Assurance Contract Expiration Date

Validated By

Lyndon F. Schmidt, P.E.

PE-43409

National Accreditation and Management Institute

12/31/2026 Ryan J. King, P.E.

Validation Checklist - Hardcopy Received

Certificate of Independence FL21135 R6 COI (k) Cert of Independence.pdf

Referenced Standard and Year (of Standard)

Standard Year **ASTM E1300** 2004 ASTM E330 2002 ASTM E331 2000 TAS 202 1994

Equivalence of Product Standards

Certified By

Florida Licensed Professional Engineer or Architect

FL21135 R6 Equiv of Standards (k).pdf

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted08/21/2023Date Validated08/21/2023Date Pending FBC Approval08/29/2023Date Approved10/17/2023

Summary of Products					
FL #	Model, Number or Name	Description			
21135,1	a. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Opaque Wood Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door (Inswing/Outswing; X configuration)			
additional use limitations particulars. (For Benchm approval requires the us	side HVHZ: Yes	Installation Instructions FL21135 R6 II (k) Inst 21135.1.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.1.pdf Created by Independent Third Party: Yes			
21135.2	b. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Opaque Wood Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door with Sidelite(s) (Inswing/Outswing; XO, OX or OXO configurations)			
additional use limitations particulars. (For Benchm product approval require	side HVHZ: Yes	Installation Instructions FL21135 R6 II (k) Inst 21135.2.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.2.pdf Created by Independent Third Party: Yes			
21135.3	c. Therma-Tru Benchmark Doors	Nominal 8'0 "Non-Impact" Opaque Wood Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door (Inswing/Outswing; X configuration)			
additional use limitations particulars. (For Benchm approval requires the use		Installation Instructions FL21135 R6 II (k) Inst 21135.3.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.3.pdf Created by Independent Third Party: Yes			
21135.4	d. Therma-Tru Benchmark Doors	Nominal 8'0 "Non-Impact" Opaque Wood Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door with Sidelite(s) (Inswing/Outswing; XO, OX or OXO configurations)			
additional use limitations particulars. (For Benchman product approval requires		Installation Instructions FL21135 R6 II (k) Inst 21135.4.pdf Verified By: Lyndon F. Schmidt, P.E. P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.4.pdf Created by Independent Third Party: Yes			
21135.5	e. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Glazed Wood Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door			

		(Inswing/Outswing; X configuration)				
additional use limitation particulars. (For Benchr requires the use of "J" p	tside HVHZ: Yes					
21135.6	f. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Glazed Wood Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door with Sidelite(s) (Inswing/Outswing; XO, OX or OXO configurations)				
additional use limitation particulars. (For Benchn product approval require	t sīde HVHZ: Yes	Installation Instructions FL21135 R6 II (k) Inst 21135.6.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.6.pdf Created by Independent Third Party: Yes				
21135.7	g. Therma-Tru Benchmark Doors	Nominal 8'0 "Non-Impact" Glazed Wood Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door (Inswing/Outswing; X configuration)				
additional use limitations particulars. (For Benchmapproval requires the us	side HVHZ: Yes	Installation Instructions FL21135 R6 II (k) Inst 21135.7.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.7.pdf Created by Independent Third Party: Yes				
21135.8	h. Therma-Tru Benchmark Doors	Nominal 8'0 "Non-Impact" Glazed Wood Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door with Sidelite(s) (Inswing/Outswing; XO, OX or OXO configurations)				
additional use limitations particulars. (For Benchm product approval require		Installation Instructions FL21135 R6 II (k) Inst 21135.8.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.8.pdf Created by Independent Third Party: Yes				
21135.9	I. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Opaque Wood Edge Fiberglass Door Panels with Vented Sidelite(s) (Inswing; XX, XXX or XXXX configurations)				
additional use limitations particulars. (For Benchm product approval require:		Installation Instructions FL21135 R6 II (k) Inst 21135.9.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.9.pdf Created by Independent Third Party: Yes				
21135.10	j. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Opaque Composite Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door (Inswing/Outswing; X configuration)				

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additional use limitation particulars. (For Benchm product approval require	side HVHZ: Yes	Installation Instructions FL21135 R6 II (k) Inst 21135,10.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.10.pdf Created by Independent Third Party: Yes				
21135.11	k. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Opaque Composite Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door with Sidelite(s) (Inswing/Outswing; XO, OX or OXO configurations				
additional use limitations particulars. (For Benchm product approval require	side HVHZ: Yes	Installation Instructions FL21135 R6 II (k) Inst 21135.11.pdf Verified By: Lyndoor F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports V. FL21135 R6 AF (k) Eval 21135 11 pdf				
21135.12	I. Therma-Tru Benchmark Doors	Nominal 8'0 "Non-Impact" Opaque Composite Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door (Inswing/Outswing; X configuration)				
additional use limitations particulars. (For Benchman product approval requires	NHZ: No side HVHZ: Yes 12 for Design Pressure Ratings, any installation instructions and product ark Door and Sidelite panels, this is the use of "1" part numbers for been stained or painted within six	Installation Instructions F121135 R6 II (k) Inst 21135.12.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports F121135 R6 AE (k) Eval 21135.12.pdf Created by Independent Third Party: Yes				
21135.13	m. Therma-Tru Benchmark Doors	Nominal 8'0 "Non-Impact" Opaque Composite Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door with Sidelite(s) (Inswing/Outswing; XO, OX or OXO configurations				
additional use limitations, particulars. (For Benchma product approval requires		Installation Instructions FL21135 R6 II (k) Inst 21135.13.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.13.pdf Created by Independent Third Party: Yes				
21135.14	n. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Glazed Composite Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door (Inswing/Outswing; X configuration)				
additional use limitations, particulars. (For Benchma product approval requires	/HZ: No ide HVHZ: Yes 14 for Design Pressure Ratings, any installation instructions and product rk Door and Sidelite panels, this the use of "J" part numbers for seen stained or painted within six	Installation Instructions FL21135 R6 II (k) Inst 21135.14.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.14.pdf Created by Independent Third Party: Yes				
21135.15	o. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Glazed Wood Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door with Sidelite(s) (Inswing/Outswing; XO, OX or OXO configurations)				
imits of Use Approved for use in HY Approved for use outsi		Sidelite(s) (Inswing/Outswing; XO, OX or OXO configurations) Installation Instructions F1.21135 R6 II (k) Inst 21135.15.pdf Verified By: Lyndon F. Schmidt, P.E. 43409				

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additional use limitations particulars. (For Benchm product approval require		Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.15.pdf Created by Independent Third Party: Yes
21135.16	p. Therma-Tru Benchmark Doors	Nominal 8'0 "Non-Impact" Glazed Composite Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door (Inswing/Outswing; X configuration)
additional use limitations particulars. (For Benchm product approval require		Installation Instructions FL21135 R6 II (k) Inst 21135.16.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.16.pdf Created by Independent Third Party: Yes
21135.17	q. Therma-Tru Benchmark Doors	Nominal 8'0 "Non-Impact" Glazed Composite Edge "Smooth Surface" or "Wood Grain" Fiberglass Single Door with Sidelite(s) (Inswing/Outswing; XO, OX or OXO configurations)
additional use limitations particulars. (For Benchm product approval require		Installation Instructions FL21135 R6 II (k) Inst 21135.17.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports FL21135 R6 AE (k) Eval 21135.17.pdf Created by Independent Third Party: Yes
21135.18	r. Therma-Tru Benchmark Doors	Nominal 6'8 "Non-Impact" Opaque Composite Edge Fiberglass Door Panels with Vented Sidelite(s) (Inswing; XX, XXX or XXXX configurations)
additional use limitations particulars. (For Benchma product approval requires		Installation Instructions Fl.21135 R6 II (k) Inst 21135.18.pdf Verified By: Lyndon F. Schmidt, P.E. 43409 Created by Independent Third Party: Yes Evaluation Reports Fl.21135 R6 AE (k) Eval 21135.18.pdf Created by Independent Third Party: Yes

Back Next

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Product Approval Accepts: Credit Card Safe

security metrics

THERMA TRU. Benchmark, Doors

')

WOOD EDGE OPAQUE FIBERGLASS SINGLE DOOR

INSWING/OUTSWING "NON-IMPACT"

GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023)
 Florida Building Code (FBC) structural requirements excluding the "High Velocity
 Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction,
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- Benchmark Door panels require the use of "J" part numbers and must be stained or painted within six months of installation.

	TABLE OF CONTENTS						
SHEET #	DESCRIPTION						
ï	Typical Elevations, Design Pressures & General Notes						
2	Door Panel Delais						
3	Elevations						
4	Horizontal & Vertical Cross Sections (2X Buck)						
5	Horizontal & Vertical Cross Sections (1X Buck)						
6	Horizontal & Vertical Cross Sections (Direct to Masonry)						
. 7	Vertical Cross Sections (Thresholds)						
. 8	Buck & Frame Anchoring						
9	Hardware Details						
10	Components						
11	Bill of Materials						

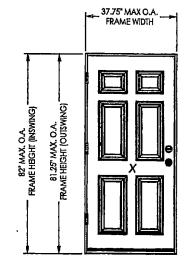


Digitally signed by Lyndon F Schmidt Date: 2023.08.21,10:04:51 -04'00'

This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the sea

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

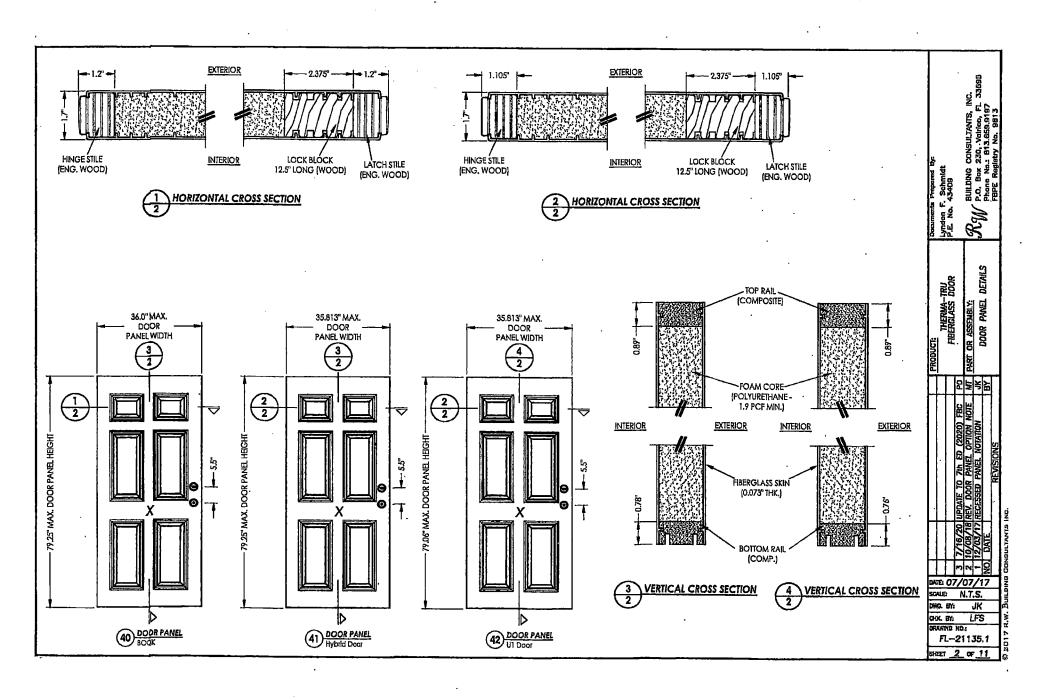
THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

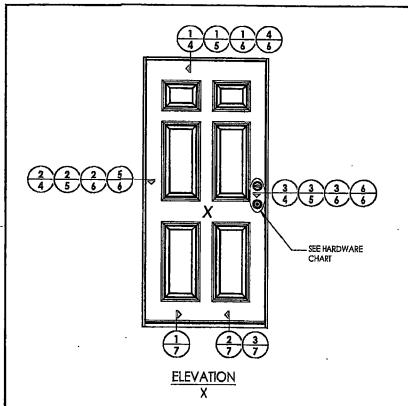


CONFIGURATION	rock		ESSURE (PSF) VING	DESIGN PRESSURE (PSF) OUTSWING		
	HARDWARE	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	
Х	Latch & Deadbolt	+67.0	-67.0	+67.0	-67.0	

See Sheet 3 for Hardware Specifications

8	3	<u>~</u>		7	5	_		
PRODUCT:	THERMA-TRI	FIBERGIASS DOOR		PART OR ASSEMBLY:	MONTH IN THE WORLD	December A company unite	-	
			Od	MF	χŗ	Ж		
			3 7/16/20 UPDATE TO 7th ED (2020) FBC	2 10/08/18 REV. DOOR PANEL OPTION NOTE	1 12/03/17 RECESSED PANEL NOTATION	INO, DATE	REVISIONS	7 2017 R.W. BUILDING CONGULTANTS IND.
EX SS	E:	07	<u>//</u>	<u>07</u>	<u>/</u> 1	7	_	PING PING
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KWIKSET	KNOB; DEADBOLT:	SIGNATURE SERIES SIGNATURE SERIES (980)
SCHLAGE	KNOB: DEADBOLT:	F51 B60
MANUFACTURER		MODEL
	HAROWARE	TABLE

|--|--|--|--|--|--|--|--|--|--|--|--|--|

Benchmark Door Panel Options

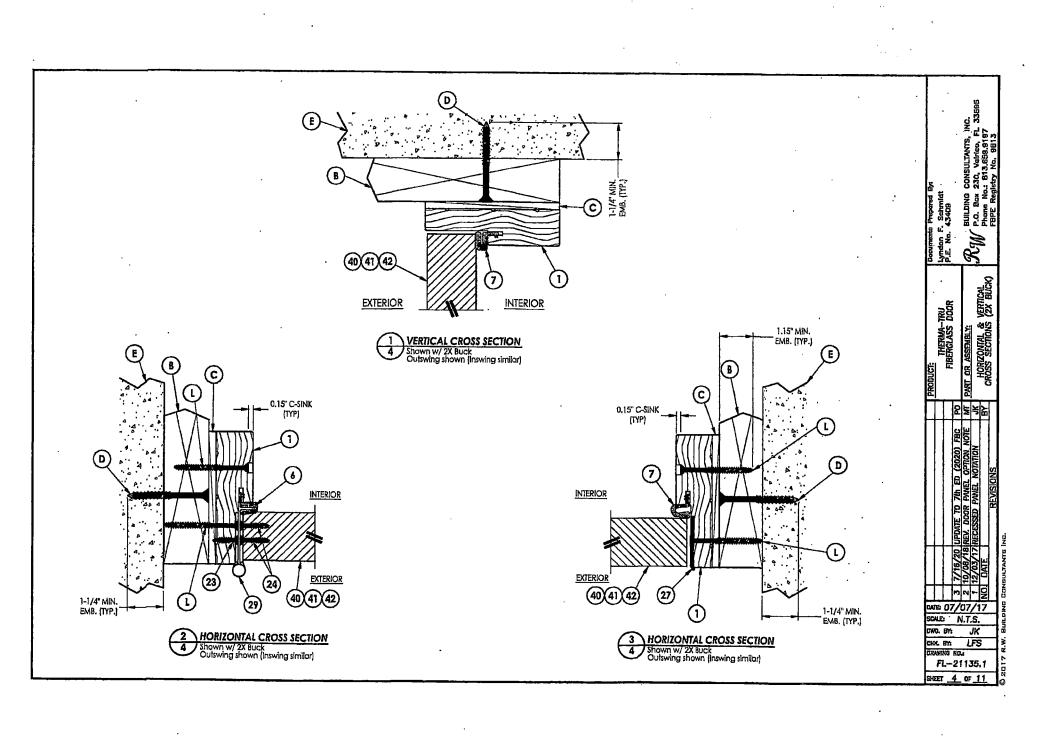
Products approved include all embossed and recessed panel doors.

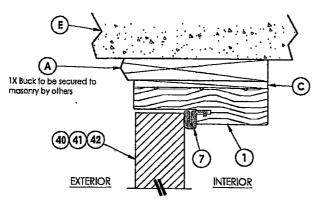
Similar opaque panel configurations are allowed.

Panels shown are for illustration and are representative only.

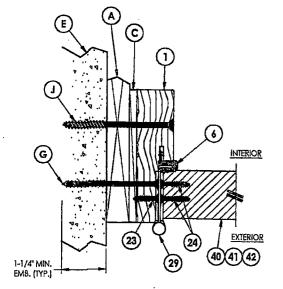
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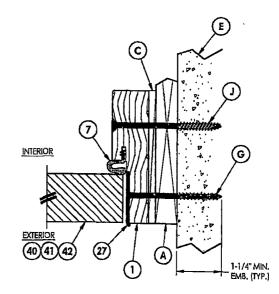




1 VERTICAL CROSS SECTION
5 Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

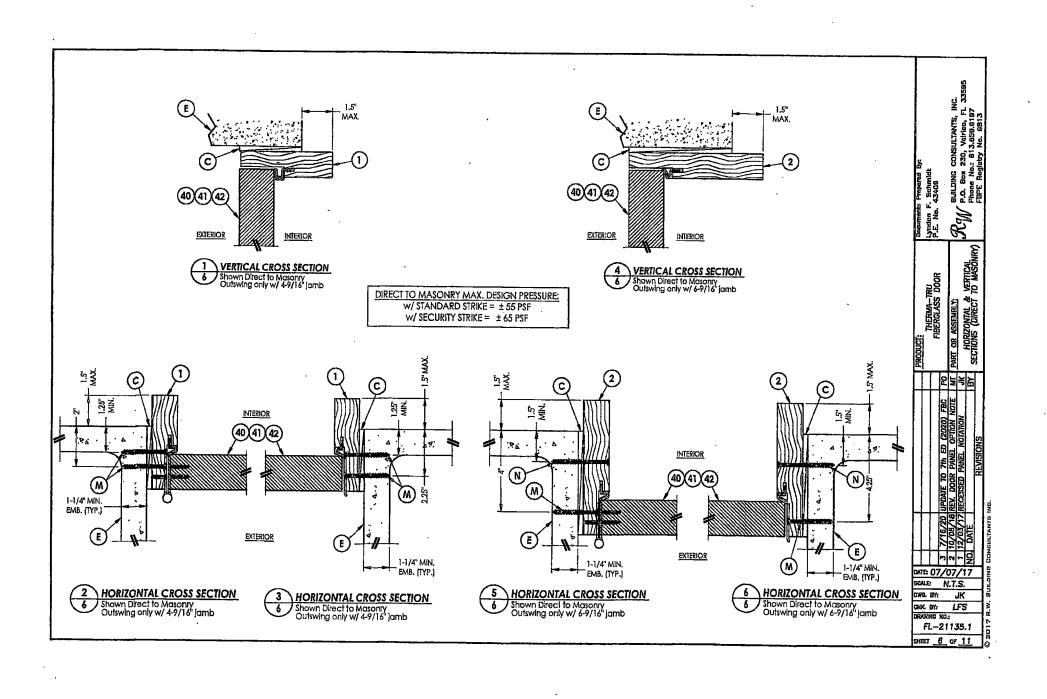


The street of th



HORIZONTAL CROSS SECTION
Shown w/ 1X sub-buck
Outswing shown (Inswing similar)

Documents Prepared By:	Lyndon F. Schmidt	P.E. No. 43409		SON BUILDING CON	J. N. 91/ P.O. Box 230.	Phone No. 81	FBPE Registry	
PRODUCT:	THERMA_TRI	FIBERGIASS DOOR		PART OR ASSEMBLY:		HURIZONIAL & VERTICAL	לוכסם אברווקונים (וא פתרות)	
			5	¥	¥	凼		
DAT	E	07	7/16/20 UPDATE TO 7th ED (2020) FBC		O 1 12/03/17 RECESSED PANEL NOTATION	2 NO DATE	REVISIONS	2 2017 R.W. BUILDING CONSULTANTS INC.
DW	G, 1	Y:			JK Ec	_		#. B⊔
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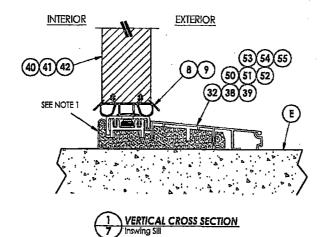


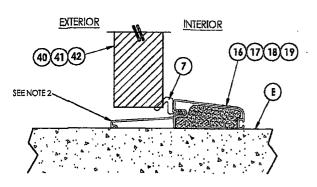
- Notes:

 1. Sill Item #'s 32, 38, 39, 50, 51, 52, 53, 54 & 55 are attached to jambs
 w/ (3) #8 X 2-1/2" pfh screws or (3) 2.5" staples at each end.

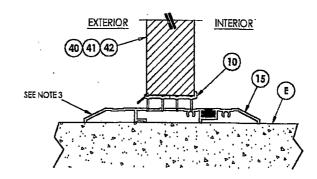
 2. Sill Item #'s 16, 17, 18 & 19 are attached to jambs w/ (2) #8 X 2-1/2" pfh screws at each end.

 3. Sill Item #15 is attached to jambs utilizing (2) #10 X 2" pph SMS screws at each end.



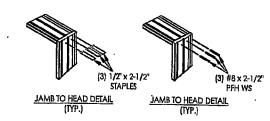


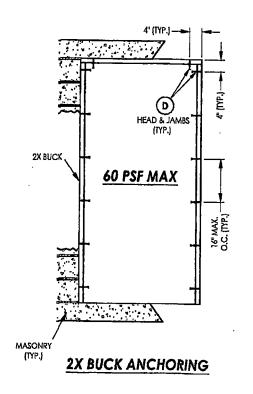


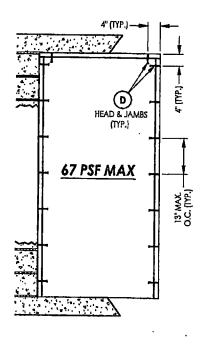




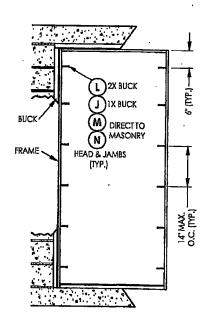
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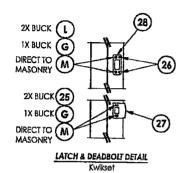


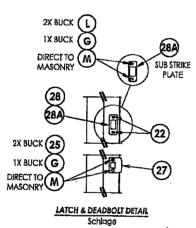
2X BUCK ANCHORING



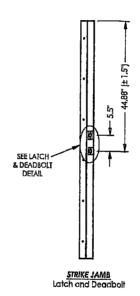
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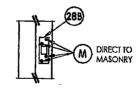
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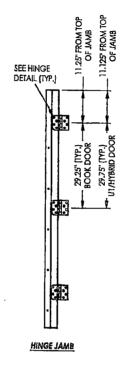


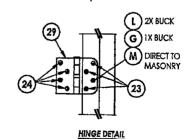
LATCH & DEADBOLT STRIKE DETAILS
(Standard Deadbolt Strike Plate)



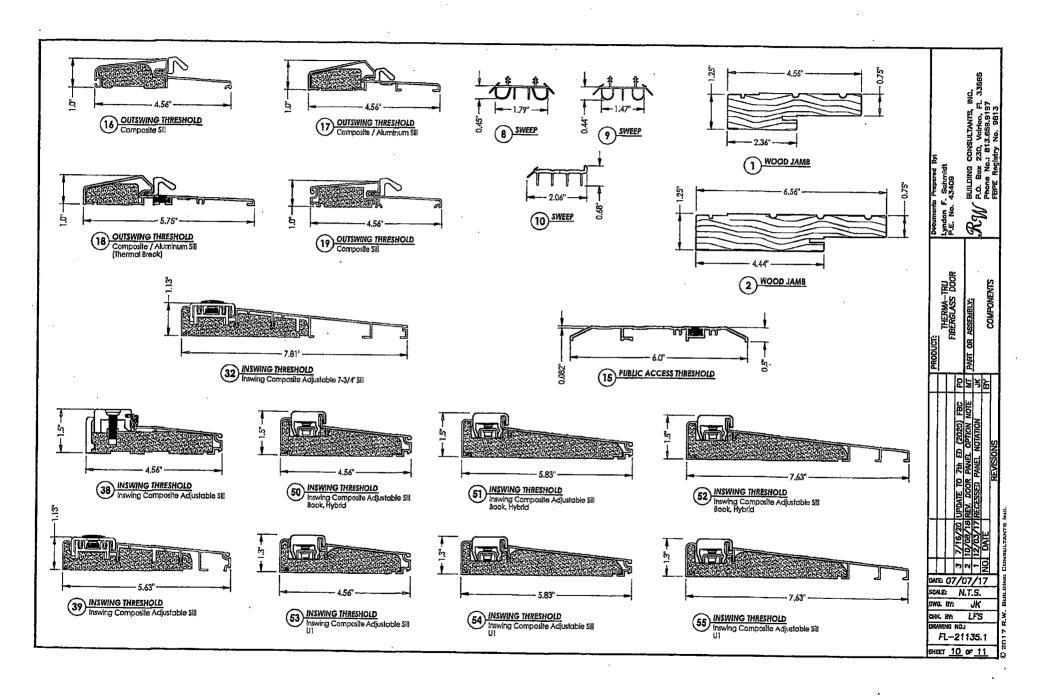


DEADBOLT STRIKE DETAILS (Security Deadbolt Strike Plate)





PRODUCT:	THFRMA-TRU	FIBERGLASS DOOR		PART OR ASSEMBLY:		HAKUMAKE DEIAILS	
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	BILL OF MATERIALS		BILL OF MATERIALS			
ITEM #	DESCRIPTION	MATERIAL	ITEM #	DESCRIPTION	MATERIAL	
Α	1X BUCK (\$G >= 0.42)	WOOD	25	#8 x 2-1/2" PFH WOOD SCREW	STEEL	
<u>B</u>	2X BUCK (\$G >= 0.42)	WOOD	26	#8 x 5/8" PFH WOOD SCREW	STEEL	
C	1/4" MAX. SHIM SPACE	-	27	LATCH STRIKE PLATE	STEEL	
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	28	DEADBOLT STRIKE PLATE (STANDARD)	STEEL	
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI	COMPART	28A	DEADBOLT SUB STRIKE PLATE	STEEL	
	301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	28B	DEADBOLT STRIKE PLATE (SECURITY)	STEEL	
G	3/16" X 3-1/4" ITW CONCRETE SCREW	STEEL	29	4" X 4" HINGE		
_ <u>J</u>	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL	32	INSWING THRESHOLD	STEEL	
<u> L </u>	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN, EMBEDMENT)	STEEL	38	INSWING THRESHOLD	ALUM/COM	
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL	39	INSWING THRESHOLD	ALUM/COM	
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL	40	DOOR PANEL (BOOK)	ALUM/COM	
1	JAMB (FINGER JOINT PINE)	WOOD	41	DOOR PANEL (HYBRID)		
_ 2	JAMB (FINGER JOINT PINE)	WOOD	42	DOOR PANEL (U1)		
6	WEATHERSTRIP (MEDIUM REACH)	FOAM	50	INSWING THRESHOLD	4/11/4/00/1	
_7	WEATHERSTRIP (LONG REACH)	FOAM	51	INSWING THRESHOLD	ALUM/COM	
8	SWEEP	VINYL	52	INSWING THRESHOLD	ALUM/COM	
9	SWEEP	VINYL	53	INSWING THRESHOLD	ALUM/COM	
10	SWEEP (USE W/ PUBLIC ACCESS THRESHOLD)	VINYL	54	INSWING THRESHOLD	ALUM/COM	
15	PUBLIC ACCESS THRESHOLD	ALUM	55	INSWING THRESHOLD	ALUM/COMI	
16	OUTSWING THRESHOLD	ALUM/COMP	- 33	וואסאוואס ותוגנטחטנט	ALUM/COMI	
17	OUTSWING THRESHOLD	ALUM/COMP				
18	OUTSWING THRESHOLD	ALUM/COMP		•		
19	OUTSWING THRESHOLD	ALUM/COMP				
22	#8 x 3/4" PFH WOOD SCREW	STEEL				
72	#10 × 31/4" PEH WOOD CODEM	31666				

STEEL

STEEL

23

24

#10 x 3/4" PFH WOOD SCREW

#10 x 1" PFH WOOD SCREW

CONCRETE	ANCHOR	NOTEC:

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min.

Concrete anchor locations at me corners may be adjusted to maintain the min.
edge distance to mortar joints.
 Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to
maintain the min. edge distance to mortar joints, additional concrete anchors
may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
 Concrete anchor table;

ANCHOR TYPE	ANCHOR SUE	MIN. Enibedment	MIN CLEARANCE TO MASONEY FORE	MIN CLEARANCE TO ADJACENT
ITW TAPCON®	1/4ª	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	7"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

Documents Prepared By:	School C Schooldt	P.E. No. 43408		THE CONSTITUTE	1.91/ P.O. Box 230 Vol.	Phone No. 813 65	FBPE Registry No. 9	
PRODUCT:	TUEDIAA_TOU	ď		PART OR ASSEMBLY:		BILL OF MATERIALS		
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R_W_B

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry
P.O. Box 230 Value, FL 33595 Phone 813,659,9197

Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.:

FL-21135.1

Date:

August 18, 2023

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Therma Tru Corporation 118 Industrial Drive Edgerton, OH 43517 Phone 419.298.1740	ThermaTru Benchmark Doors "Smooth Surface" and "Wood Grain" Fiberglass Door "Non-Impact" Inswing/Outswing

Scope:

This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. for Therma Tru Corporation based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

- 1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 3. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 4. Site conditions that deviate from the details of drawing FL-21135.1 require further engineering analysis by a licensed engineer or registered architect.
- 5. Benchmark Door panels require the use of "J" part numbers and must be stained or painted within six months of installation.
- 6. See drawing FL-21135.1 for size and design pressure limitations.

Supporting Documents:

)

Test Standard
TAS 202 (94)
ASTM E330 (02)
ASTM E330 (02) / E

ASTM E330 (02) / E331 (00)

2. <u>Drawing No.</u> No. FL-21135.1

Prepared by RW Building Consultants, Inc. (# 9813)

3. <u>Calculations</u> Anchoring Prepared by RW Building Consultants, Inc. (# 9813)

Testing Laboratory
ETC Laboratories

Testing Evaluation Lab.,Inc. Testing Evaluation Lab.,Inc. Signed by

V.K. Wright

Wendell W. Haney, P.E. V.K. Wright

Signed & Sealed by Lyndon F. Schmidt, P.E. Signed & Sealed by

Lyndon F. Schmidt, P.E.

4. Quality Assurance

Certificate of Participation issued by National Accreditation and Management Institute, certifying that Therma Tru Corporation is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F. Schmidt Date: 2023:08.21 08:51:48 -04'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by L. F. Schmidt on 8-21-23.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA





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Product Approval Menu > Product or Application Search > Application List > Application Detail



FL41620-R1 Application Type Revision 2023 Code Version Application Status Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by

the POC and/or the Commission if necessary.

Comments

Archived

 \Box

Product Manufacturer

Address/Phone/Email

Levi's Building Components LLC

400 Burkholder Drive Ephrata, PA 17522 (717) 868-7175 justin@levisbc.com

Authorized Signature

Justin Smoker justin@levisbc.com

Technical Representative Address/Phone/Email

Justin Smoker 400 Burkholder Drive Ephrata, PA 17522 (717) 868-7175

Justin@levisbuildingcomponents.com

Quality Assurance Representative Address/Phone/Email

Category Subcategory Roofing Underlayments

Compliance Method

Evaluation Report from a Product Evaluation Entity

Evaluation Entity

Quality Assurance Entity

Quality Assurance Contract Expiration Date

Validated By

Intertek Testing Services NA, Inc.

Intertek Testing Services NA, Inc. - QA Entity

12/31/2026

Intertek Testing Services NA, Inc.

Certificate of Independence

Referenced Standard and Year (of Standard)

Standard ASTM D1970 <u>Year</u> 2017

Equivalence of Product Standards Certified By

Sections from the Code

Roloshield™ Prime SA Installation Instructions

Roloshield™ Prime SA is a weatherproof barrier used as underlayment for asphalt shingles, synthetic shingles, metal roofing, concrete and clay tiles, slate, and cedar shakes. It can be used on various decking materials such as plywood, composite wood, wood plank, metal, concrete, and gypsum sheathing. Please read and understand all instructions and precautions before application, and make sure to follow all local building codes while applying this product.

Storage

- Store at room temperature preferably between 40° and 90°F.
- Keep upright in original packaging until ready for use.
- Keep clear from open flames and corrosive substances.

Preparation

- Ensure deck surface is clean, dry, and free of protrusions or other debris that may damage the product.
- Priming is not required when attaching to wood or wood based surfaces.
- Concrete and masonry decks should be primed with a solvent or a water-based primer that meets ASTM D41 for asphalt-based self-adhesive membranes.
- For re-roofing projects, replace any water-damaged sheathing and ensure surface is free of dirt, dust, and obstructions.
- Use of salt for ice removal is not recommended.

Application

- Apply on dry deck in fair weather -- preferable temperature of 40°F or higher.
- For cold weather applications below 40°F a primer should be used and the laps blind nailed. Blind nail with 3/8" head roofing nails of 1" or longer in the 3" overlap area.
- It is also recommended to blind nail in the overlap area when applying on steep slopes of 6:12 or greater, or when applying at temperatures greater than 100°F.
- When installing lay parallel to the eave with the printed side up, using 3" horizontal laps and 6" vertical laps.
- Roloshield™ Prime SA can also be applied vertically. For vertical installation anchor with 3/8" head roofing nails along the uppermost edge 3" down with 6 equally spaced nails across the 36" width. Make sure roofing nails are perpendicular to the roof deck ensuring the head lays flat and seals well to the top surface of the product. Ensure vertical overlaps are a minimum of 6" and horizontal laps a minimum of 3".
- Always work from the low point to the high point of the roof. Make sure to apply the membrane in valleys before it is applied to the eaves.

- Cut the membrane into 10-15 ft lengths and re-roll loosely. Peel back 1-2ft of release liner, align the membrane, and continue to peel the release liner from the membrane. Hand press or walk on, following with a 40lb or heavier pressure roller to smooth and secure the membrane onto the roof deck and overlap.
- For valley and ridge application, peel the release liner, then center the sheet over the
 valley or ridge. Drape and press it into place. Work from the center of the valley or ridge
 outward in each direction, once again starting from the low point and working up the
 roof.
- For eave installation Roloshield™ Prime SA should be applied over the metal drip edge
 at the eave. Do not fold the product over the roof edge unless the edge is covered by a
 drip edge or other flashing material. Roloshield™ Prime SA should extend form the eave
 up the roof to a point 24" inside the exterior wall. Refer to local building codes for
 specific requirements.
- Repair holes, tears, or other damage to the membrane with a patch of membrane extending past the damaged area by 6" in all directions. If fasteners are removed leaving holes they also must be patched.
- Do not install fasteners in the membrane over any unsupported areas of the deck, such as over joints between adjacent structural panels.
- In areas with high elevation, high wind, and/or wind driven rain it is recommended to cover the entire roof with Roloshield™ Prime SA.

Precautions

- Do not leave Roloshield™ Prime SA exposed to outdoor elements for a long period of time. Final roofing should be installed within 180 days of Roloshield™ Prime SA installation.
- Depending on roof pitch and surface conditions, blocking may be recommended to support roofing materials placed on the roof. Make sure to seal the holes left by fasteners after they have been removed.
- Remember to protect completed roof areas to avoid damage during installation and material transportation by installing boardwalks.
- Do not place too much material in one area on the roof deck. Distribute weight over supports as much as possible.

Caution

As with any roofing product, always follow safe roofing codes & practices (OSHA), and always use and wear fall protection devices when working on roofs. Release liners are slippery and should be removed from work area immediately after application. Use caution when walking or standing as slip resistance may vary with surface conditions, weather, footwear and roof pitch. Failure to use proper safety gear and footwear can result in serious injury.



Code Compliance Research Report CCRR-0429

Issue Date: 09-14-2021 Revision Date: 10-16-2023 Renewal Date: 10-31-2024

DIVISION: 07 00 00 - THERMAL AND MOISTURE

PROTECTION

Section: 07 30 05 - Roofing Felt and Underlayment

REPORT HOLDER:

Levi's Building Components LLC 400 Burkholder Drive, Ephrata, PA 17522 USA (717) 868-7175 www.levisbuildingcomponents.com

REPORT SUBJECT:

Roloshield Prime (ROLOPRIME SA) Self-adhered Roofing Underlayment

1.0 SCOPE OF EVALUATION

- **1.1** This Research Report addresses compliance with the following Codes:
- 2021, 2018, and 2015 International Building Code® (IBC)
- □ 2021, 2018, and 2015 International Residential Code® (IRC)
- 2023 and 2020 Florida Building Code (FBC)
- **1.2** The underlayment has been evaluated for the following properties (see Table 1):
- Physical Properties
- Ice Barrier
- **1.3** The underlayment has been evaluated for the following uses (see Table 1):
- Use in the field of the roof as an alternative to ASTM D226, Type I and Type II, roof underlayments specified in Chapter 15 of the IBC and Chapter 9 of the IRC
- Use in areas of the roof required by IBC Section 1507 or IRC Section R905 to have an ice barrier roof underlayment, when installed as noted in Section 4.2

2.0 STATEMENT OF COMPLIANCE

Roloshield Prime self-adhered underlayment complies with the Codes listed in Section 1.1, for the properties stated in Section 1.2, and uses stated in Section 1.3, when installed as described in this report, including the Conditions of Use stated in Section 5.0.

3.0 DESCRIPTION

Roloshield Prime underlayment is a self-adhered synthetic underlayment comprised of a synthetic facer (non-woven scrim laminated onto a woven scrim), modified bitumen as the adhesive material, and a release liner. The underlayment is grey in color on the exposed side. The nominal weight of the underlayment is 15.4 pounds per 100 square feet. The underlayment is available in rolls of 36 inches wide by 72 feet long.

4.0 INSTALLATION

- **4.1 General:** Roloshield Prime underlayment must be installed in accordance with the manufacturer's published installation instructions, the applicable Code, and this Research Report. A copy of the manufacturer's instructions must be available on the jobsite during installation.
- **4.2 Application:** The roof deck must be in proper condition to ensure adhesion. Installation is limited to solid-sheathed decks of plywood substrates. The membrane is self-adhered to the substrate after the release liner is removed.

The membrane must be lapped a minimum of 3 inches on horizontal seams and 6 inches on vertical seams. Flashings around protrusions must be installed under the underlayment.

When used as an ice barrier, the membrane is applied from the lower edge of the roof, extending up the roof a distance of 24 inches inside the exterior wall line of the building.



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The roof covering may be installed immediately following the underlayment application, and the underlayment must be covered within the time designated in the report holder's published installation instructions.

5.0 CONDITIONS OF USE

- **5.1** Installation must comply with this Research Report, the manufacturer's published installation instructions, and the applicable Code. In the event of a conflict, this report governs.
- **5.2** Installation is limited to use with approved mechanically attached roof covering systems.
- **5.3** Installation is limited to structures where non-classified roof coverings are permitted or as a component of a classified roofing assembly when specifically recognized as such in a listing approved by the Code Official.
- **5.4** Installation is limited to roof systems that do not involve hot asphalt or coal-tar pitch.
- **5.5** Installation is limited to roofs with slope of 2:12 (17%) or greater.
- **5.6** Attic ventilation must be provided in accordance with the applicable Code since there are no requirements to evaluate vapor permeability of the underlayments.
- 5.7 Roloshield Prime underlayment is manufactured under a quality control program with inspections by Intertek Testing Services NA, Inc.

6.0 SUPPORTING EVIDENCE

- **6.1** Reports of tests in accordance with ASTM D1970-18.
- **6.2** Data in accordance with the ICC-ES Acceptance Criteria for Roof Underlayments (AC188), dated February 2012 (editorially revised December 2015).
- **6.3** Intertek Listing Report "Levi's Synthetic Roofing Underlayments", on the <u>Intertek Directory of Building Products</u>.

7.0 IDENTIFICATION

Roloshield Prime self-adhered roofing underlayment is identified with the manufacturer's name (Levi's Building Components), address and telephone number, the product name (Roloshield Prime), the Intertek Mark as shown below, and the Code Compliance Research Report number (CCRR-0429).



8.0 OTHER CODES

8.1 Florida Building Code:

- **8.1.1 Scope** of Evaluation: Roloshield Prime underlayment was evaluated for compliance with the 2023 and 2020 Florida Building Code Building and the 2023 and 2020 Florida Building Code Residential.
- **8.1.2 Conclusion:** The Roloshield Prime underlayment described in Sections 2.0 to 7.0 of this report complies with the 2023 and 2020 *Florida Building Code Building* and the 2023 and 2020 *Florida Building Code Residential* including High-Velocity Hurricane Zones (HVHZ), subject to the following conditions:
- The underlayment must be installed in accordance with the provisions noted in Section 2.0 through 7.0 of this report, Sections 1507.1.1.1, 1507.1.1.2, or 1507.1.1.3 of the Florida Building Code Building, and Section R905.1.1.1, R905.1.1.2, or R905.1.1.3 of the Florida Building Code Residential
- Roloshield Prime may be used where underlayments complying with ASTM D1970 are permitted in TAS 110, as referenced in Florida Building Code — Building, Section 1515.1.4
- Roloshield Prime underlayment may be installed with clay and concrete tiles outside of the HVHZ when installed in accordance with Florida Building Code – Building, Section 1507.3.3 and Florida Building Code – Residential, Section R905.3.3
- Intertek is an approved evaluation entity and quality assurance entity pursuant to Florida Statute 553.842
 Product Evaluation and Approval



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9.0 CODE COMPLIANCE RESEARCH REPORT USE

- **9.1** Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.
- **9.2** Code Compliance Research Reports shall not be used in any manner that implies an endorsement of the product by Intertek.
- **9.3** Reference to the https://bpdirectory.intertek.com is recommended to ascertain the current version and status of this report.

TABLE 1 - PROPERTIES EVALUATED

PROPERTY	2021 IBC SECTION	2021 IRC SECTION	2023 FBC Section (BUILDING)	2023 FBC Section (RESIDENTIAL)
Physical Properties	104.11, 1506, and 1507	R104.11, R904, and R905	1506, 1507.1.1, and 1515.1.4	R904, R905.1.1
lce Barrier	1 507	R905	N/A	N/A

NOTE: Section numbers may be different for earlier versions of the Codes.

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