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**Product Approval**  
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FL # FL27402-R2  
Application Type Revision  
Code Version 2020  
Application Status Approved

Comments  
Archived

Product Manufacturer Carports Anywhere  
Address/Phone/Email 10858 S.E. County Road 221  
Starke, FL  
(352) 468-1116  
bodom@carportsanywhere.com

Authorized Signature Brandie Odom  
bodom@carportsanywhere.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 Johnathan Green  
Florida License PE-88223  
Quality Assurance Entity PRI Construction Materials Technologies, LLC  
Quality Assurance Contract Expiration Date 06/23/2023  
Validated By Brian Jaks, P.E.  
Validation Checklist - Hardcopy Received

Certificate of Independence [FL27402 R2 COI Letter of Certification-Carports Anywhere sealed.pdf](#)

Referenced Standard and Year (of Standard)	Standard	Year
	ASTM E 1592	2005
	FM 4471	1992

Equivalence of Product Standards  
Certified By

Sections from the Code

Product Approval Method Method 1 Option D



42592



**Product Evaluation Report**  
**CARPORTS ANYWHERE**

***Hampton Rib Roof Panel over open framing***

**Florida Product Approval # 27402.1 R2**

Florida Building Code 2020  
Per Rule 61G20-3  
Method: 1 -D

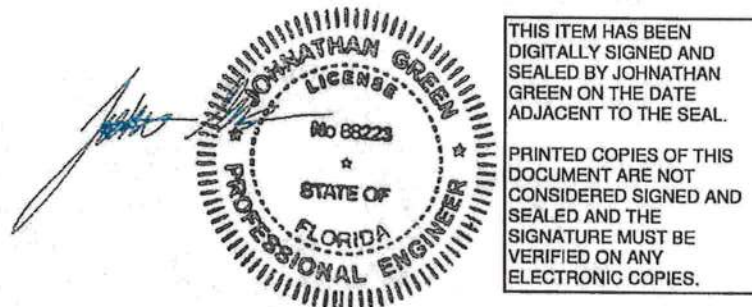
Category: Structural Components  
Subcategory: Roof Deck  
Compliance Method: 61G20-3.005(1)(d)  
NON HVHZ

Product Manufacturer:  
Carport Anywhere  
10858 S.E. County Road 221  
Starke, Florida 32091

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

Validator:  
Brian Jaks, P.E. #70159

Contents:  
Evaluation Report      Pages 1-4



**FL# 27402.1 R2**

## Force Engineering & Testing

19530 Ramblewood Drive  
Humble, Texas 77338

Phone: (281) 540-6603 FAX: (281) 540-9966

Website: [www.forceengineeringtesting.com](http://www.forceengineeringtesting.com)

Table "B" 29 Ga. Hampton Rib Roof Panel

Maximum Design Pressure:	-57.3 psf	-150.9 psf	+39.0 psf	+143.1 psf
Fastener Pattern:	6"-3"-6"-3"-6"-3"-6"	6"-3"-6"-3"-6"-3"-6"	6"-3"-6"-3"-6"-3"-6"	6"-3"-6"-3"-6"-3"-6"
Fastener Spacing:	4'-0" O.C.	2'-0" O.C.	4'-0" O.C.	2'-0" O.C.

\*Design Pressure includes a Safety Factor = 2.0.

**Code Compliance:**

The product described herein has demonstrated compliance with  
The Florida Building Code 2020, 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 2020, as relates to Rule 61G20-3.

**Performance Standards:**

The product described herein has demonstrated compliance with:

- ASTM E 1592-05 (2012) 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

**Reference Data:**

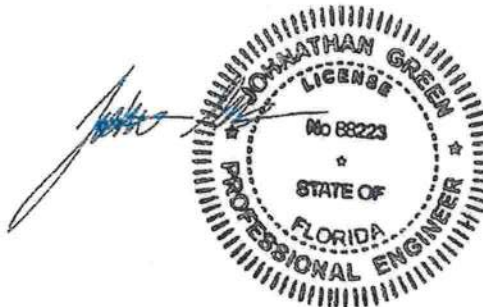
1. ASTM E 1592-05 (2012) Test  
Force Engineering & Testing, Inc. (FBC Organization # TST-5328)  
Report No. 667-0060T-18A-E, 667-0061T-18A-D
2. FM 4471-10, Section 4.4 Foot Traffic Resistance Test  
Force Engineering & Testing, Inc. (FBC Organization # TST-5328)  
Report No. 667-0060T-18F, 667-0061T-18E
3. Certificate of Independence  
By Johnathan Green, P.E. (No. 88223) @ Force Engineering & Testing  
(FBC Organization # ANE ID: 12901)

**Test Standard Equivalency:**

1. The FM 4471-10, Foot Traffic Resistance test standard is equivalent to  
FM 4471-92.

**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.



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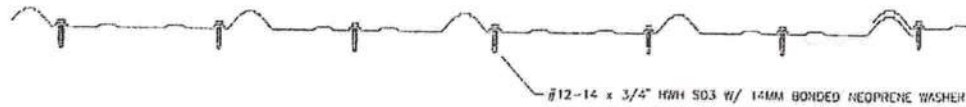
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Humble, Texas 77338

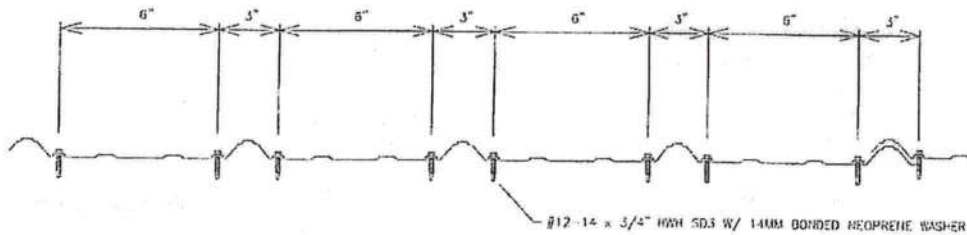
Phone: (281) 540-6603 FAX: (281) 540-9966

Website: [www.forceengineeringtesting.com](http://www.forceengineeringtesting.com)

26 GA. HAMPTON RIB FASTENER PATTERN 2-1-2-1



29 GA. HAMPTON RIB FASTENER PATTERN 6"-3"-6"-3"-6"-3"-6"-3"



*[Handwritten signature]*



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Date Submitted  
Date Validated  
Date Pending FBC Approval  
Date Approved

08/04/2020  
08/10/2020  
08/22/2020  
10/13/2020

#### Summary of Products

FL #	Model, Number or Name	Description
27403.1	Hampton Rib Wall Panel	Hampton Rib Wall Panel over open Framing
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +46.9 psf/-57.3 psf Other: See Evaluation Report for various Design Pressures. Install per Manufacturer's Details. Not for use in HVHZ Zones.		<b>Installation Instructions</b> <a href="#">FL27403 R2 II Hampton Rib Wall Panel sealed.pdf</a> Verified By: Johnathan E Green, P.E. 88223 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL27403 R2 AE Hampton Rib Wall Panel sealed.pdf</a> Created by Independent Third Party: Yes
27403.2	Resi-Lap Siding Wall Panel	Resi-Lap Siding Wall Panel over open Framing
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +40.0 psf/-37.0 psf Other: +40.0 psf at 4'-0" o.c. -37.0 psf at 4'-0" o.c. Install per Manufacturer's Details. Not for use in HVHZ Zones.		<b>Installation Instructions</b> <a href="#">FL27403 R2 II Resi-Lap Wall Panel DRAFT sealed.pdf</a> Verified By: Johnathan E Green, P.E. 88223 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL27403 R2 AE Resi-Lap Wall Panel DRAFT sealed.pdf</a> Created by Independent Third Party: Yes

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Phone: (281) 540-6603 FAX: (281) 540-9966

Website: www.forceengineeringtesting.com

**Compliance Statement:** The product as described in this report has demonstrated compliance with the Florida Building Code 2020, Sections 1709.2.

**Product Description:** Hampton Rib 26 Ga. and 29 Ga. Steel Wall Panel, 36" Wide, through fastened structural wall panel. Structural Application.

**Panel Material/Standards:** Material:  
26 Ga. Steel, ASTM A792 or ASTM A653 G90 Grade 50  
29 Ga. Steel, ASTM A792 or ASTM A653 G90 Grade 80  
Conforming to Florida Building Code 2020 Section 1405.2.

**Panel Dimension(s):** Thickness: 26 Ga.: 0.0185" min. order thickness  
29 Ga.: 0.0142" min. order thickness  
Width: 36" maximum coverage  
Rib Height: 3/4" major rib at 9" O.C.  
Panel Rollformer: MRS Metal Rollforming Systems

**Panel Fastener:** #12-14 x 3/4" HWH SD#3 with 14mm neoprene bonded washing or approved equal.  
Corrosion Resistance: Per Florida Building Code 2020.

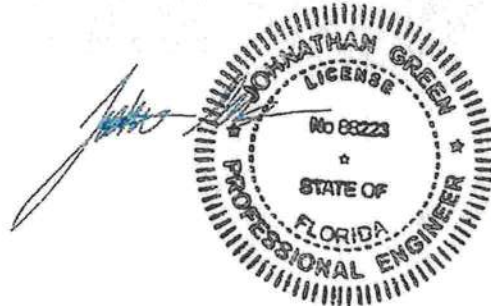
**Substrate Description:** Minimum 14 Ga. (Grade 50) Steel framing, Minimum 16 Ga. (Grade 50) Steel framing, or Minimum 18 Ga. (Grade 50) Steel framing. See Table A & B for steel gauge. Framing must be designed in accordance w/ Florida Building Code 2020.

**Allowable Design Pressures:**

Table "A" 26 Ga. Hampton Rib Wall Panel

Maximum Design Pressure:	-57.3 psf	-72.9 psf	-67.7 psf	+46.9 psf	+54.7 psf
Panel Fastener Pattern:	2-1-2-1	2-1-2-1	2-1-2-1	2-1-2-1	2-1-2-1
Panel Span:	5'-0" O.C.	4'-0" O.C.	4'-0" O.C.	5'-0" O.C.	4'-0" O.C.
Substrate:	Min. 14 Ga. Steel Framing	Min. 14 Ga. Steel Framing	Min. 14 Ga. Steel Framing	Min. 18 Ga. Steel Framing	Min. 18 Ga. Steel Framing

\*Design Pressure includes a Safety Factor = 2.0.



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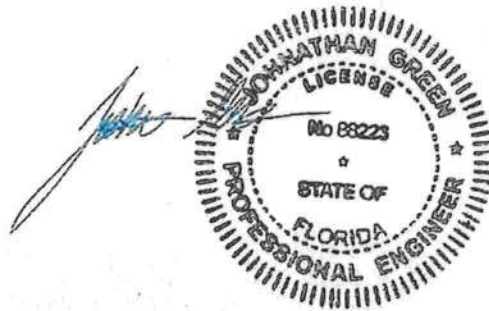
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Humble, Texas 77338  
Phone: (281) 540-6603 FAX: (281) 540-9966  
Website: [www.forceengineeringtesting.com](http://www.forceengineeringtesting.com)

<b>Quality Assurance Entity:</b>	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.
<b>Installation:</b>	Install per manufacturer's recommended details.
<b>Insulation:</b>	Manufacturer's approved product (Optional)
<b>Panel Fire Classification:</b>	Fire classification is not part of this acceptance.
<b>Shear Diaphragm:</b>	Shear diaphragm values are outside the scope of this report.
<b>Design Procedure:</b>	Based on the dimensions of the structure, appropriate wind loads are determined using Chapter 16 of the Florida Building Code 2020 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 2020 Chapter 22 for steel, and Chapter 16 for structural loading.



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**Product Approval**  
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FL #	FL17996-R1				
Application Type	Affirmation				
Code Version	2017				
Application Status	Approved				
Comments					
Archived					
Product Manufacturer	Elxlr Door and Metal Company				
Address/Phone/Email	1215 Pope Drive Douglas, GA 31533 (912) 493-2215 ryarberry@elixirdmc.com				
Authorized Signature	Randall Yarberry ryarberry@elixirdmc.com				
Technical Representative	PTC Product Design Group				
Address/Phone/Email	PO Box 520775 Longwood, FL 32752 (321) 690-1788 info@ptc-corp.com				
Quality Assurance Representative					
Address/Phone/Email					
Category	Exterior Doors				
Subcategory	Swinging Exterior Door Assemblies				
Compliance Method	Certification Mark or Listing				
Certification Agency	American Architectural Manufacturers Association				
Validated By	American Architectural Manufacturers Association				
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ASTM E330</td> <td>2002</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM E330	2002
<u>Standard</u>	<u>Year</u>				
ASTM E330	2002				
Equivalence of Product Standards Certified By					

I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity      Yes    No    N/A

[FL17996 R1 COC Affirmation FL17996 418-1208 ss.pdf](#)



		<a href="#">FL17996 R1 AE PER 1951 Rev1a 415-0705 ss.pdf</a> Created by Independent Third Party: Yes
17996.6	Series 430 W9	Vinyl Steel Out-swinging Regular Door - 9-Lite Window (1'8" x 3'0")
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +33/-40 Other:		<b>Certification Agency Certificate</b> <a href="#">FL17996 R1 C CAC EXR 430-W9 E330 plus5.pdf</a> Quality Assurance Contract Expiration Date 09/14/2020 <b>Installation Instructions</b> <a href="#">FL17996 R1 II FLIX0053 Rev-A OS MODEL 430-W9 ss.pdf</a> Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17996 R1 AE PER 1951 Rev1a 415-0705 ss.pdf</a> Created by Independent Third Party: Yes
17996.7	Series 6400 W9 Cottage	Series 6400-W9 Non-Impact Inswing Painted Steel Door w/Storm Door
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +66/-56 Other:		<b>Certification Agency Certificate</b> <a href="#">FL17996 R1 C CAC EXR 6400 E330 plus5.pdf</a> Quality Assurance Contract Expiration Date 09/16/2019 <b>Installation Instructions</b> <a href="#">FL17996 R1 II FLIX0056 Rev-A IS MODEL 6400-W9 WITH STORM DOOR ss.pdf</a> Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17996 R1 AE PER 1954 Rev2 415-0705 ss.pdf</a> Created by Independent Third Party: Yes
17996.8	Series 7500 Oval	Series 7500 Non-Impact Inswing Vinyl Laminated Steel Door w/Adjustable Threshold
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +34/-50 Other:		<b>Certification Agency Certificate</b> <a href="#">FL17996 R1 C CAC EXR 7500 Oval 21 adjustable threshold E330 plus5.pdf</a> Quality Assurance Contract Expiration Date 09/17/2019 <b>Installation Instructions</b> <a href="#">FL17996 R1 II FLIX0055 Rev-A IS MODEL 7500 OVAL 21 WITH ADJUSTABLE THRESHOLD ss.pdf</a> Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17996 R1 AE PER 1955 Rev2 415-0705 ss.pdf</a> Created by Independent Third Party: Yes
17996.9	Series 7500 Oval	Series 7500 Non-Impact Inswing Vinyl Laminated Steel Door w/Storm Door and PVC Jamb
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:		<b>Certification Agency Certificate</b> <a href="#">FL17996 R1 C CAC EXR 7500 Oval 23 E330 plus5.pdf</a> Quality Assurance Contract Expiration Date 09/16/2019 <b>Installation Instructions</b> <a href="#">FL17996 R1 II FLIX0060 Rev-A IS MODEL STR 7500 23 OVAL WITH STORM DOOR ss.pdf</a> Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17996 R1 AE PER 1955 Rev2 415-0705 ss.pdf</a> Created by Independent Third Party: Yes
17996.10	Series 8400 W9 Cottage	Series 8400-W9 Non-Impact Oval Inswing Vinyl Laminated Steel Door w/Storm Door
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:		<b>Certification Agency Certificate</b> <a href="#">FL17996 R1 C CAC EXR 8400 E330 plus5.pdf</a> Quality Assurance Contract Expiration Date 09/16/2019 <b>Installation Instructions</b> <a href="#">FL17996 R1 II FLIX0057 Rev-A IS MODEL 8400-W9 OVAL WITH STORM DOOR ss.pdf</a> Verified By: Robert J. Amoruso, PE FL PE No. 49752 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17996 R1 AE PER 1954 Rev2 415-0705 ss.pdf</a> Created by Independent Third Party: Yes

		<b>Evaluation Reports</b> <a href="#">FL17996 R1 AF PER 1953 Rev2 415-0705 ss.pdf</a> Created by Independent Third Party: Yes
17996.17	Series BFIF7N	Series BFIF7N Non-Impact IS Fiberglass Door
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +38/-38 Other:		<b>Certification Agency Certificate</b> <a href="#">FL17996 R1 C CAC EXR BFIF7N E330 plus5.pdf</a> Quality Assurance Contract Expiration Date 09/15/2019 <b>Installation Instructions</b> <a href="#">FL17996 R1 II ELIX0040 AFIF7N-BFIF7N RevA SS.pdf</a> Verified By: Robert J. Amoroso, PE FL PE No. 49752 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17996 R1 AF PER 1952 Rev2 415-0705 ss.pdf</a> Created by Independent Third Party: Yes
17996.18	Series BFIF7S	Series BFIF7S Non-Impact IS Fiberglass French Door
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +38/-38 Other:		<b>Certification Agency Certificate</b> <a href="#">FL17996 R1 C CAC EXR BFIF7S E330 plus5.pdf</a> Quality Assurance Contract Expiration Date 09/15/2019 <b>Installation Instructions</b> <a href="#">FL17996 R1 II ELIX0046 BFIF7S RevA ss.pdf</a> Verified By: Robert J. Amoroso, PE FL PE No. 49752 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17996 R1 AF PER 1952 Rev2 415-0705 ss.pdf</a> Created by Independent Third Party: Yes
17996.19	Series BFOF7N	Series BFOF7N Non-Impact OS Fiberglass Door
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +30/-30 Other:		<b>Certification Agency Certificate</b> <a href="#">FL17996 R1 C CAC EXR BFOF7N E330 plus5.pdf</a> Quality Assurance Contract Expiration Date 04/06/2020 <b>Installation Instructions</b> <a href="#">FL17996 R1 II ELIX0042 AFOP7N-BFOF7N RevA ss.pdf</a> Verified By: Robert J. Amoroso, PE FL PE No. 49752 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17996 R1 AF PER 1952 Rev2 415-0705 ss.pdf</a> Created by Independent Third Party: Yes
17996.20	Series BVI63S	Series BVI63S Non-Impact Single Inswing Door w/Fixed Lite Insert and Outswing Storm Door
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +65/-65 Other:		<b>Certification Agency Certificate</b> <a href="#">FL17996 R1 C CAC EXR BVI63S E330 plus5.pdf</a> Quality Assurance Contract Expiration Date 12/17/2021 <b>Installation Instructions</b> <a href="#">FL17996 R1 II ELIX0051 BVI63S RevA ss.pdf</a> Verified By: Robert J. Amoroso, PE FL PE No. 49752 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL17996 R1 AF PER 2244 Rev2 415-0705 ss.pdf</a> Created by Independent Third Party: Yes

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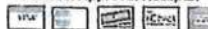


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Product Approval Accepts:



ELIXIR DOOR & METAL CO.  
MODEL 407 NON-IMPACT OUTSWING  
VINYL LAMINATED STEEL DOOR  
INSTALLATION ANCHORAGE DRAWING

GENERAL NOTES:

1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE DESIGN VELOCITY HURRICANE ZONE AND THE DESIGN PRESSURE(S) STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT DALLAS LABORATORIES, INC. 441270 AND ASSOCIATED LABORATORY STAMPED DRAWINGS.
3. ADEQUACY OF THE EXISTING STRUCTURAL 2X FRAMING OR STEEL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
4. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS OR A SPECIFIC SITE. THE ENGINEER OR ARCHITECT OF RECORD SHALL OBTAIN ALL NECESSARY INFORMATION AND REQUIREMENTS FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

1. IN AREAS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN IMPACT PROTECTIVE SYSTEM (ICPS) IS REQUIRED. THE ICPS SHALL BE FOR WINDBORNE DEBRIS REGIONS IS MANDATORY FOR THE PRODUCT HEREIN.
2. FRAME MATERIAL: ALUMINUM ALLOY 6063-T6
3. DOOR PANEL MATERIAL: .02 MIL VINYL LAMINATED GALVANIZED STEEL 015' SKIN W/ URETHANE FOAM CORE
4. DESIGNATIONS: "X" STAND FOR THE FOLLOWING:
  - X: OPERABLE PANEL
  - X: FIXED PANEL
5. HARDWARE:
  - A. HALF HINGES: HJ 6063-T6 EXTRUDED ALUMINUM
  - B. LATCH LOCK MECH
  - C. DEAD BOLT: SINGLE CYLINDER
6. SEE SHEET 1 FOR DESIGN PRESSURE CHART.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
2. THE INSTALLATION ANCHORS AT THE SPACINGS SHOWN ARE THE MINIMUM NUMBER OF ANCHORS AND MAXIMUM SPACINGS TO BE USED FOR PRODUCT INSTALLATION.
3. SHIMS AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING BRIMS. MAXIMUM ALLOWABLE SHIM SIZE OF 1/4 INCH. SHIM WHERE SPACE OF 1/10 INCH OR LESS. ANCHOR SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. ANCHORS FOR INSTALLATION INTO WOOD FRAMING OR 14GA. MINIMUM STEEL FRAMING SHALL BE AS SHOWN IN "ANCHOR SCHEDULE" THIS SHEET.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
6. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED IN THE "ANCHOR SCHEDULE" THIS SHEET.
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

DESIGN PRESSURE RATING (PSF)		IMPACT RATING
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	NONE
..	+10.0 / -45.0	

\*\*UNIT MUST BE INSTALLED BENEATH AN APPROVED OVERHANG

TABLE OF CONTENT	
SHEET	DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	ELEVATION, ANCHORING LAYOUT
3	VERTICAL CROSS SECTIONS
4	HORIZONTAL CROSS SECTIONS

ANCHOR SCHEDULE				
SUBSTRATE	DOOR FRAME TYPE	TYPE	SIZE	MANUFACTURER AND/OR SPECIFICATION
SHEET METAL/STEEL TUBING 14 GA. MIN. THICKNESS	FIN (2-BAR)	PAN HEAD	NO. 8	ASME B18.6.1 (TAPPING SCREW)
2X WOOD FRAMING	FIN (2-BAR)	PAN HEAD	NO. 8	ASME B18.6.1 (WOOD SCREW) OR ASME B18.6.1 (TAPPING SCREW)
EMBEDMENT (IN) (1)				
MIN. 3 THREADS PAST INSIDE SURFACE OF SUBSTRATE				
EDGE DISTANCE (IN) (1)				
3/8"				
ANCHOR CAPACITIES BASED ON				
MIN. 33 KSI YIELD STRENGTH				
WOOD WITH MINIMUM SPECIFIC GRAVITY OF 0.42				

- NOTES:
- 1) FOR WOOD OR TAPPING SCREWS IF SLITTING IS A CONCERN, DRILL 0.032" PLOT HOLE (DRILL SIZE 45).
  - 2) EDGE DISTANCE MEASURED FROM EITHER SIDE OF ANCHOR TO EDGE OF SUBSTRATE

ELIXIR DOOR & METAL CO.		1215 POPE DRIVE DOUGLAS, GEORGIA 31533	
MODEL 407 NON-IMPACT OUTSWING VINYL LAMINATED STEEL DOOR GENERAL AND INSTALLATION NOTES		DATE: 02/29/12 REV: N.T.S.	
PROJECT NUMBER: 415-0705		1 OF 4	
REV	DESCRIPTION	DATE	BY
1	UPDATE TO 5TH EDITION (2014) TMA	8/3/15	RA
2			
3			
4			
5			

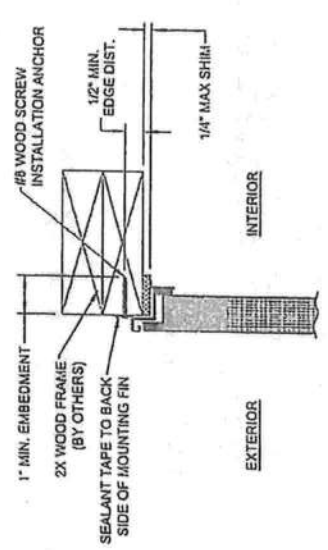
Robert J. Anderson, P.E.  
FL P.E. No. 49792



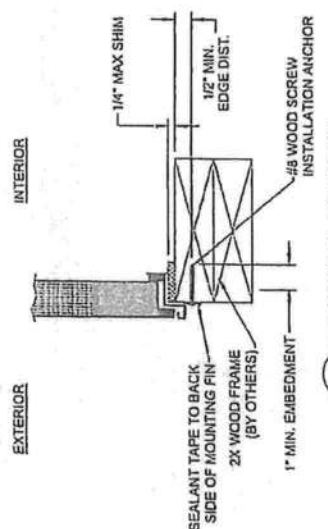
Digitally signed by Robert J. Anderson  
DN: cn=Robert J. Anderson, o=Dallas Laboratories, Inc., ou=Engineering, email=robert@dlabs.com, c=US  
Date: 2015.08.05 09:15:54 -0400



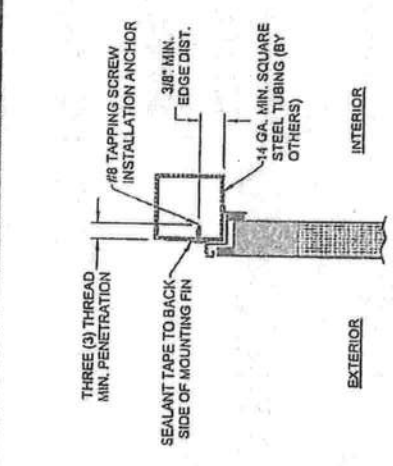
		MODEL 407 NON-IMPACT OUTSWING VINYL LAMINATED STEEL DOOR VERTICAL CROSS SECTIONS	
DOUGLAS, GEORGIA 31533 1215 POPE DRIVE ELIXIR DOOR & METAL CO.		415-0705	
DATE 8/3/15	BY RJA	REV A	DESCRIPTION UPDATE TO 5TH EDITION
3 OF 4		SHEET ELIX0052	DATE 02/29/12
SCALE N.T.S.		DRAWN BY J.H.	CHECKED BY N.T.S.
PROJECT NUMBER 415-0705		Robert J. Amoroso, P.E. FL P.E. No. 19752	
Digitally signed by Robert J. Amoroso DN: cn=Robert J. Amoroso, o= Amoroso, ou= Amoroso, email=robert.j. amoroso@amoro so.com, c=US Date: 2015.08.03 09:52:18 -0500			



**B** VERTICAL SECTION  
WOOD FRAME SUBSTRATE



**C** VERTICAL SECTION  
STEEL TUBING SUBSTRATE



**D** VERTICAL SECTION  
STEEL TUBING SUBSTRATE



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<b>FL #</b>	FL21450-R5								
<b>Application Type</b>	Revision								
<b>Code Version</b>	2020								
<b>Application Status</b>	Approved								
<b>Comments</b>	Archived								
<b>Product Manufacturer</b>	Janus International Group, LLC.								
<b>Address/Phone/Email</b>	135 Janus International Blvd. Temple, GA 30179 (770) 562-6135 Ext 360 curts@janusintl.com								
<b>Authorized Signature</b>	Curtis Schroeder curts@janusintl.com								
<b>Technical Representative</b>	Curtis L. Schroeder								
<b>Address/Phone/Email</b>	134 Janus International Blvd. Temple, GA 30179 (770) 562-2850 Ext 360 curts@janusintl.com								
<b>Quality Assurance Representative</b>	Chris Meyer								
<b>Address/Phone/Email</b>	135 Janus International Blvd Temple, GA 30179 (770) 562-2850 chris.meyer@janusintl.com								
<b>Category</b>	Exterior Doors								
<b>Subcategory</b>	Roll-Up Exterior Door Assemblies								
<b>Compliance Method</b>	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer Evaluation Report - Hardcopy Received								
<b>Florida Engineer or Architect Name who developed the Evaluation Report</b>	John E. Scates								
<b>Florida License</b>	PE-51737								
<b>Quality Assurance Entity</b>	National Accreditation and Management Institute								
<b>Quality Assurance Contract Expiration Date</b>	12/31/2021								
<b>Validated By</b>	Kurt Dietrich PE Validation Checklist - Hardcopy Received								
<b>Certificate of Independence</b>	<a href="#">FL21450_R5_COI_Cert_of_Ind_Scates_2020s.pdf</a>								
<b>Referenced Standard and Year (of Standard)</b>	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ANSI/DASMA 108</td> <td>2012</td> </tr> <tr> <td>ANSI/DASMA 115</td> <td>2012</td> </tr> <tr> <td>ASTM E330</td> <td>2002</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ANSI/DASMA 108	2012	ANSI/DASMA 115	2012	ASTM E330	2002
<u>Standard</u>	<u>Year</u>								
ANSI/DASMA 108	2012								
ANSI/DASMA 115	2012								
ASTM E330	2002								
<b>Equivalence of Product Standards Certified By</b>									

		<a href="#">FL21450_R5_AE_EvalRept_Model3100-IM_r5s.pdf</a> Created by Independent Third Party: Yes
21450.7	Series 750	Series 750 - 26 Gauge Door Assembly Max Size: 3'-0" x 12'-0"
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-45 Other: Not for use in High Velocity Hurricane Zones		<b>Installation Instructions</b> <a href="#">FL21450_R5_II_T1000_RevF_s.pdf</a> Verified By: John E. Scates, P.E. 51737 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL21450_R5_AE_EvalRept_Model750_1100_r5s.pdf</a> Created by Independent Third Party: Yes
21450.8	Series 750	Series 750 - 26 Gauge Door Assembly Max Size: 6'-0" x 12'-0"
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +19.9/-24.4 Other: Design Pressures listed as a test width of 6'-0". For pressures vs. widths, see table, sheet 1 of 2, dwg T1001. Not for use in High Velocity Hurricane Zones.		<b>Installation Instructions</b> <a href="#">FL21450_R5_II_T1001_RevF_s.pdf</a> Verified By: John E. Scates, P.E. 51737 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL21450_R5_AE_EvalRept_Model750_1100_r5s.pdf</a> Created by Independent Third Party: Yes
21450.9	Series 750	Series 750 - 26 Gauge Door Assembly Max Size: 8'-8" x 12'-0"
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +24.4/-27.0 Other: Not for use in High Velocity Hurricane Zones.		<b>Installation Instructions</b> <a href="#">FL21450_R5_II_T1002_RevF_s.pdf</a> Verified By: John E. Scates, P.E. 51737 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL21450_R5_AE_EvalRept_Model750_1100_r5s.pdf</a> Created by Independent Third Party: Yes
21450.10	Series 750	Series 750 - 26 Gauge Door Assembly Max Size: 10'-0" x 12'-0"
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +19.4/-22.7 Other: Not for use in High Velocity Hurricane Zones.		<b>Installation Instructions</b> <a href="#">FL21450_R5_II_T1003_RevF_s.pdf</a> Verified By: John E. Scates, P.E. 51737 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL21450_R5_AE_EvalRept_Model750_1100_r5s.pdf</a> Created by Independent Third Party: Yes

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