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FL#

Application Type Code Version **Application Status** FL27403-R2

Revision

2020 Approved

Comments

Archived

Product Manufacturer

Address/Phone/Email

Carports Anywhere

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 Subcategory

Structural Components

Structural Wall

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida

FL27403 R2 COI Letter of Certification-Carports Anywhere sealed.pdf

Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Johnathan Green

Evaluation Report

Florida License

PE-88223

Quality Assurance Entity

PRI Construction Materials Technologies, LLC

Quality Assurance Contract Expiration Date

06/13/2023 Brian Jaks, P.E.

Validated By

Validation Checklist - Hardcopy Received

Certificate of Independence

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
 08/04/2020

 Date Validated
 08/10/2020

 Date Pending FBC Approval
 08/22/2020

 Date Approved
 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		
Impact Resistar Design Pressure Other: See Evalu	e outside HVHZ: Yes	Installation Instructions FL27403 R2 II Hampton Rib Wall Panel sealed.pdf Verified By: Johnathan E Green, P.E. 88223 Created by Independent Third Party: Yes Evaluation Reports FL27403 R2 AE Hampton Rib Wall Panel sealed.pdf Created by Independent Third Party: Yes		

kesi-Lap Siding Wall Paner kesi-Lap siding wall raner over open Framing Limits of Use **Installation Instructions** Approved for use in HVHZ: No FL27403 R2 II Resi-Lap Wall Panel DRAFT sealed.pdf Approved for use outside HVHZ: Yes Verified By: Johnathan E Green, P.E. 88223 Impact Resistant: N/A Created by Independent Third Party: Yes Design Pressure: +40.0 psf/-37.0 psf **Evaluation Reports** Other: +40.0 psf at 4'-0" o.c. -37.0 psf at 4'-0" o.c. Install per FL27403 R2 AE Resi-Lap Wall Panel DRAFT sealed.pdf Manufacturer's Details. Not for use in HVHZ Zones. Created by Independent Third Party: Yes



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Product Approval Accepts:



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Product Evaluation Report CARPORTS ANYWHERE

Hampton Rib Wall Panel over open framing

Florida Product Approval # 27403.1 R2

Florida Building Code 2020 Per Rule 61G20-3 Method: 2–B

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

> <u>Validator</u>: Brian Jaks, P.E. #70159

Contents: Evaluation Report Pages 1-4



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



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: Rib Height: 36" maximum coverage 36" major rib at 9" O.C.

Panel Rollformer: MRS Metal Rollforming Systems

Panel Fastener:

#12-14 x ¾" 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

	The state of the s				
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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Table "B" 29 Ga. Hampton Rib Wall Panel

	Table B ES out Hampton the Francis				
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.	
Substrate:	Min. 16ga. Steel Framing	Min. 16ga. Steel Framing	Min. 16ga. Steel Framing	Min. 16ga. Steel Framing	

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

Code Compliance:

The product described herein has demonstrated compliance with

The Florida Building Code 2020, Section 1709.2.

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

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. Certificate of Independence

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

(FBC Organization # ANE ID: 12901)



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



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 manufacturer's recommended details.

Insulation:

Manufacturer's approved product (Optional)

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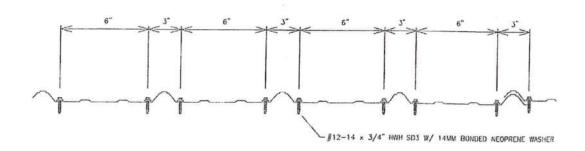
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26 GA. HAMPTON RIB FASTENER PATTERN 2-1-2-1



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





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

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 Subcategory Structural Components

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 Johnathan Green

Evaluation Report

PE-88223

Florida License **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

Date Submitted 08/04/2020 **Date Validated** 08/10/2020 Date Pending FBC Approval 08/19/2020 Date Approved 10/13/2020

Summary of Products

FL # Model, Number or Name		Description		
27402.1	Hampton Rib Roof Panel	Hampton Rib Roof Panel over Open Framing		
Impact Resista Design Pressur	se outside HVHZ: Yes int: N/A re: +54.7 psf/-57.3 psf	Installation Instructions FL27402 R2 II Hampton Rib Roof Panel DRAFT sealed.pdf Verified By: Johnathan E Green, P.E. 88223 Created by Independent Third Party: Yes Evaluation Reports		
Other: See evaluation report for various design pressures Install per Manufacturer's details. Not for use in HVHZ Zones.		FL27402 R2 AE Hampton Rib Roof Panel DRAFT sealed. Created by Independent Third Party: Yes		

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Product Approval Accepts:









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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

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



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Compliance Statement:

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

Florida Building Code 2020, Sections 1504.3.2, 1504.7.

Product Description:

Hampton Rib 26 Ga. and 29 Ga. Steel Roof Panel, 36" Wide, through fastened

structural roof 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 1507.4.3. Optional paint finish. Corrosion Resistance: Panel Material shall comply with Florida Building Code

2020, Section 1507.4.3.

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

#12-14 x 3/" HWH SD#3 with 14mm neoprene bonded washing or approved equal.

Corrosion Resistance: Per Florida Building Code 2020, Section 1507.4.4.

Substrate Description:

Panel Fastener:

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" 75 Co. Hammton Dib Book Danel

	Table A 26 Ga. Hampton Rib Root 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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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:

- ASTM E 1592-05 (2012) Test
 Force Engineering & Testing, Inc. (FBC Organization # TST-5328)
 Report No. 667-0060T-18A-E, 667-0061T-18A-D
- 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
- Certificate of Independence
 By Johnathan Green, P.E. (No. 88223) @ Force Engineering & Testing (FBC Organization # ANE ID: 12901

Test Standard Equivalency:

 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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Minimum Slope Range:

Minimum Slope shall comply with Florida Building Code 2020, 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 manufacturer's recommended details.

Insulation:

Manufacturer's approved product (Optional)

Roof Panel Fire Classification:

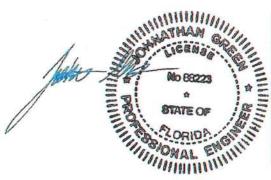
Fire classification is not part of this acceptance.

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 2020 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 2020 Chapter 22 for steel, and Chapter 16 for structural loading.



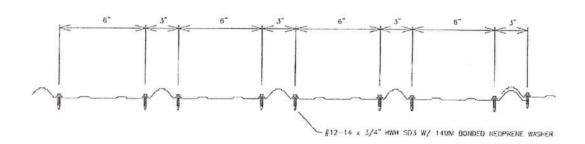
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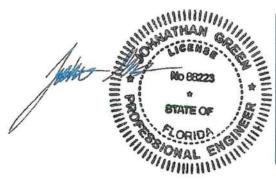


26 GA. HAMPTON RIB FASTENER PATTERN 2-1-2-1



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





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