



ATLNC 0311.01-19

Report Date: 04/02/19

Test Date: 03/11/19

Dade Certification # 18-0213.12
FBC Organizational # TST 1555
IAS Certification # TL-423

Test Requested By: Carolina Carports Inc.
187 Cardinal Ridge Trail
Dobson, NC 27017
Phone 800 670 4262

Test Standards: TAS 202, ASTM E330-02, ANSI / DASMA 108-2012

Test Conditions: 70-75 degrees F

Design Pressures: +50 psf, -55 psf

Description of product tested: 26 ga 10' x 8' Steel Roll Up Door as shown in Carolina Carport Inc. Roll-Up Sheet Door 10' Maximum Width drawing dated 3/29/19 sheet 1 of 1. Drawing is an integral part of the report and must accompany report.

Description of Unit:

Component	Number	Description	Location
Curtain	1	Curtain consisted of 26 ga steel galvanized corrugated sheets 10' wide x 19-1/4" high crimped together.	
Track	2	Rolled form 12 ga steel 3-3/4" x 2-1/4" as shown in drawing.	Each side of door attached to wood substrate with 5/16" x 3" washer head lag screws at 3-1/2" then 12" OC

Track insert	2	12 ga 1.38" wide then 110-degree angle .837" high clinched to the track at 3-1/2" OC (+ or - 1/2") as shown in drawing.	In track as shown in drawing.
Windlock Clip	3 per sheet	10 ga x 1" wide x 2.15" long with a 70-degree turn down .68" long as shown in drawing. Attached to the curtain and backer plate with (2) 3/16" x .440" pop rivets.	Side of door at every corrugation channel as shown in drawing.
Backer Plate	1 each windload clip	1" x 1.25" galvanized 12 ga steel plate	Attached to the curtain and windload clip with (2) 3/16" x .440" pop rivets
Roller Assembly	1	1.32" x 12 ga rod with tension springs attached to the roller assembly support brackets with 1/2" x 2" U-Bolts with washers and nuts.	Top of the tracks.
Roller Assembly Support Bracket	2	L bracket as shown in drawing.	Top of tracks as shown in drawing
Slide lock assembly	4	12 ga x 1" wide galvanized slide with assembly as shown in drawing. Note: only the bottom slide locks were engaged.	Bottom corners of door and 40" up from bottom.
Bottom Seal	1	Aluminum L frame with bottom bulb seal as shown in drawing	Bottom of door

STATIC AIR PRESSURE

TAS 202, ASTM E 330-02, DASMA 108-12

Specimen A

Design Loads +50 psf -55 psf

Range of
tests

Positive loads	Time Seconds	Load psf	Max.	Perm.	Recovery
½ Test	30	37.5	9-1/8"	1-16"	99%
Design	30	50	10-7/16"	3/16"	98%
Test Load	30	75	12-1/16"	1/4"	98%

Range of
tests

Negative loads	Time Seconds	Load psf	Max.	Perm.	Recovery
½ Test	30	41.3	9-1/8"	1/16"	99%
Design	30	55	9-1/4"	1/16"	99%
Test Load	30	82.5	11-3/16"	1/8"	99%

Forced Entry Test

Forced entry test was conducted in accordance with FBC TAS 202 with no deviations.
Specimen passed.

Note: 2 mil polyethylene film was used for the Static Air Pressure. It is the opinion of the undersigned that it had no influence on the results of the test.

Technician: Keith Owen

Observers-

Keith Owen / ATL
Samuel Poplin, Keith D. Owen, Jr. / ATL
Ashley Poplin / ATL
David W. Johnson, P.E.

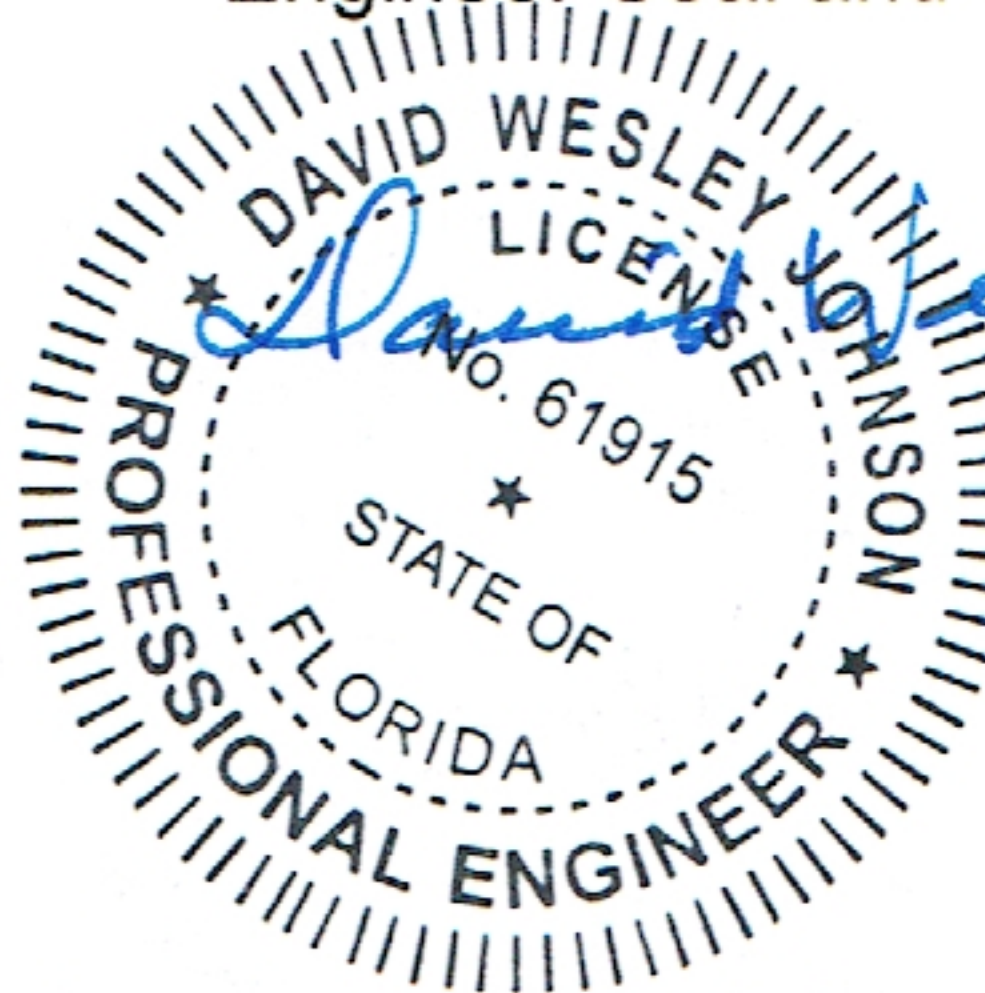
Keith Owen, Lab Director
American Test Lab, Inc.

Keith Owen
4/2/19

All Tests Witnessed and Certified by:

David Johnson P. E.
1122 Calvert Rd.
Brevard, NC 28712
Florida P.E. # 61915

Engineer Seal and Signature



David Wesley Johnson
4/2/19

Certificate of Independence: The witnessing engineer has no equity/ownership interest in American Test Lab of North Carolina, Clopay Garage Doors or their parts vendors. Witnessing engineer is in complete compliance of Florida Statue 9B-72, Section 72.110.

Disclaimer

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American Test Lab, Inc
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ADDENDUM

ATLNC Report # 0311.01-19

Date: 04/17/19

Test Date: 03/11/19

Test Requested By: Carolina Carports Inc.
187 Cardinal Ridge Trail
Dobson, NC 27017
Phone 800 670 4262

Subject- Track
Report Reads

Track	2	Rolled form 12 ga steel 3-3/4" x 2-1/4" as shown in drawing.	Each side of door attached to wood substrate with 5/16" x 3" washer head lag screws at 3-1/2" then 12" OC
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Report should read:

Track	2	Rolled form 12 ga steel 3-3/4" x 2-1/4" as shown in drawing.	Each side of door attached to wood substrate with 5/16" x 3" washer head lag screws at 6" then 12" OC
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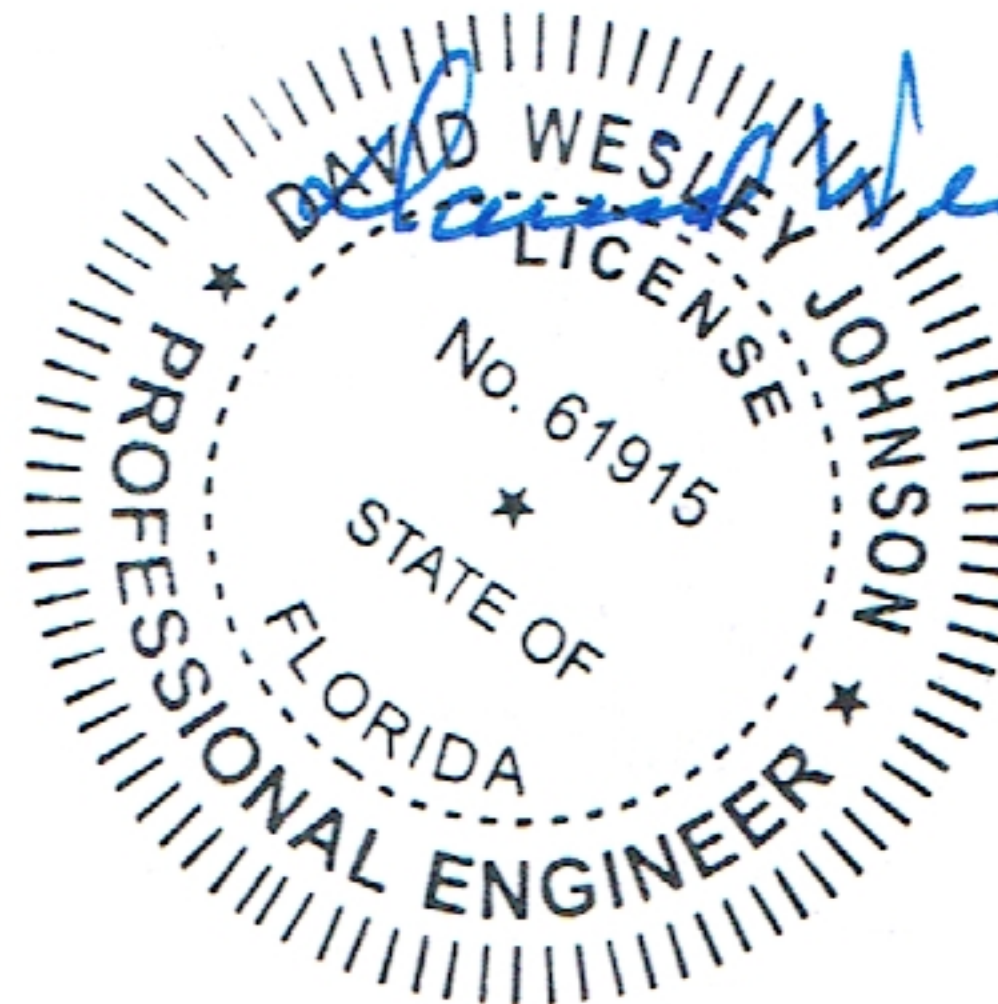
Keith Owen, Lab Director
American Test Lab, Inc.

Keith Owen
4/17/19

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Engineer Seal and Signature



David Wesley Johnson
4/17/19

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