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ATLNC 1011.01-17

Report Date: 01/10/18

Test Date: 10/11/2017

Dade Certification # 16-0525.01
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: ASTM E330-02, ANSI / DASMA 108-2012

Test Conditions: 70-75 degrees F

Design Pressures: +70 psf, -70 psf

Description of product tested: 26 ga 8' x 8' Steel Roll Up Door as shown in Carolina Carport Inc. Roll-Up Sheet Door 8' Maximum Width drawing dated 1/4/18 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 8' wide x 20-1/4" 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 1-5/8" 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 1 st then every 2 nd 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.	Bottom corners of door and 40" up from bottom.

STATIC AIR PRESSURE
ASTM E 330-02, DASMA 108-12

Specimen A
Design Loads +70 psf -70 psf

Range of tests

Positive loads	Time Seconds	Load psf	Max.	Perm.	Recovery
1/2 Test	10	52.5	7-3/8"	3/8"	95%
Design	10	70	8-7/8"	3/8"	96%
Test Load	10	105	11"	1/2"	95%

Range of tests

Negative loads	Time Seconds	Load psf	Max.	Perm.	Recovery
1/2 Test	10	52.5	8-5/16"	1-9/16"	82%
Design	10	70	9-5/8"	1-5/8"	83%
Test Load	10	105	11-9/16"	2"	83%

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

Technicians: Keith Owen
Keith Owen Jr
Samuel Poplin

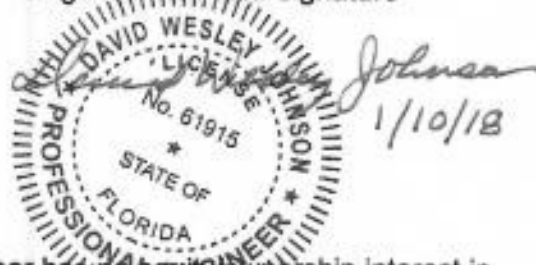
Observers-
Keith Owen / ATL
Samuel Poplin, Keith D. Owen, Jr. / ATL
Ashley Poplin / ATL
David W. Johnson, P.E.

Keith Owen, Lab Director
American Test Lab, Inc.

Keith Owen
1/10/18

All Tests Witnessed and Certified by:
David Johnson P. E.
1122 Calvert Rd.
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Engineer Seal and Signature



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.

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