

ROLL UP DOOR INC. TEST REPORT

SCOPE OF WORK

ANSI/DASMA 108 UNIFORM STATIC AIR PRESSURE TESTING ON RDI SERIES 3000-WL
ROLLING DOOR

REPORT NUMBER

T1661.01-550-44 R0

TEST DATE(S)

10/21/25

ISSUE DATE

10/21/25

RECORD RETENTION END DATE

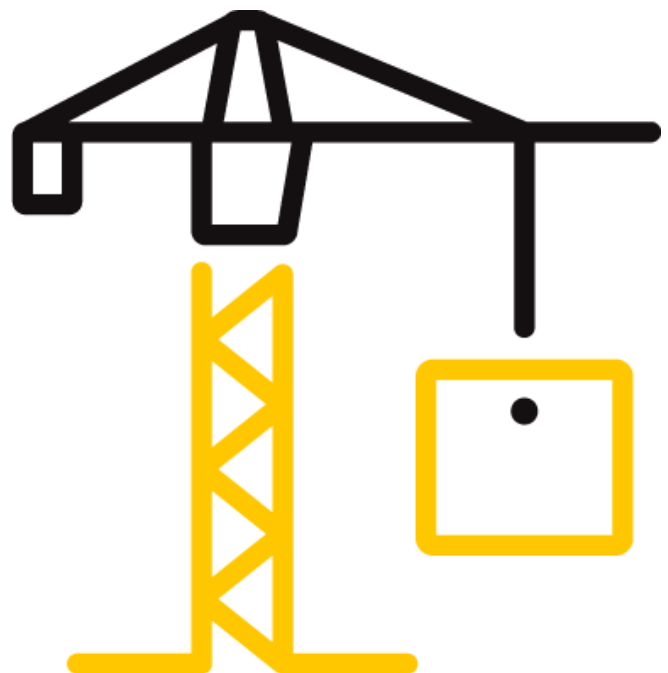
10/22/29

PAGES

11

DOCUMENT CONTROL NUMBER

ATI 00532 (06/24/24)
RT-R-AMER-Test-2962
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TEST REPORT FOR ROLL UP DOOR INC.

Report No.: T1661.01-550-44 R0

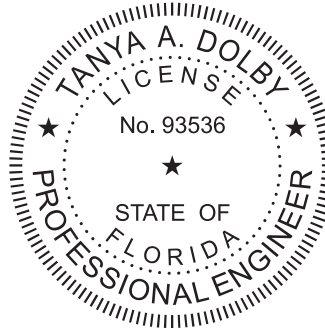
Date: 10/21/25

REPORT ISSUED TO

ROLL UP DOOR INC.

505 Main Street

Blackshear, GA 31516



SECTION 1

SCOPE

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Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by Roll Up Door Inc. to perform structural performance testing per ANSI/DASMA 108 guidelines on their RDI Series 3000-WL Rolling Door. The specimen was tested per Section 1709.5.2.1 of the 2023 Florida Building Code, Building. Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at Intertek B&C test facility in Lithia Springs, GA.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. Intertek B&C will service this report for the entire test record retention period. The test record retention period ends four years after the test date. Test records, such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation, will be retained for the entire test record retention period.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule, also called "Shared Risk approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity

For INTERTEK B&C:

COMPLETED BY:	Melissa Nuttall, FMPC
TITLE:	Laboratory Manager
SIGNATURE:	 Digitally Signed by: Melissa Nuttall
DATE:	10/21/25

REVIEWED BY:	Tanya Dolby, P.E.
TITLE:	Engineering Manager – Engineering Services
SIGNATURE:	 Digitally Signed by: Tanya Dolby
DATE:	10/21/25

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SECTION 2**SUMMARY OF TEST RESULTS****Product Type:** Rolling Door**Series/Model:** RDI Series 3000-WL**Design Pressure:** +24.0/-24.0 psf.**SECTION 3****TEST METHOD(S)**

The specimens were evaluated in accordance with the following:

ANSI/DASMA 108-2017, *Standard Method for Testing Sectional Garage Doors and Rolling Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference*

2023 Florida Building Code, *Building*

SECTION 4**MATERIAL SOURCE/INSTALLATION**

Test specimen was provided by the client. Representative samples of the test specimen will be retained by Intertek B&C for a minimum of four years from the test completion date.

The door was installed into a test chamber by representatives of Roll Up Door Inc. according to the printed installation instructions. The specimen was installed into a Southern Yellow Pine wood buck. The exterior perimeter of the door was sealed with sealant.

SECTION 5**EQUIPMENT**

Pressure Mechanism: Computer controlled centrifugal blower with electronic pressure measuring device

Deflection Measuring Device: Linear transducers

SECTION 6**LIST OF OFFICIAL OBSERVERS**

NAME	COMPANY
Amy McLean	Intertek B&C
Melissa Nuttall	Intertek B&C

TEST REPORT FOR ROLL UP DOOR INC.

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TEST SPECIMEN DESCRIPTION

Product Type: Rolling Door

Manufacturer: Roll Up Door Inc

Location of Manufacturer: Blackshear, GA

Series/Model: RDI Series 3000-WL

Product Size(s):

OVERALL AREA:	WIDTH	HEIGHT
12.0 ft ²	inches	inches
Opening Size	144	120

Test Specimen Installation: The 14Ga Guide and 14Ga Wind Bar were secured to the wood jambs with 5/16" x 2-1/4" Tapcon screws 6" on center through every predrilled hole. A stop was secured to the top of each guide. The roller bracket was attached to the head with three 3/8" x 3" lag bolts per plate.

Door Construction: The 20" high panels were constructed from 26ga steel and snapfit to each other. Wind clips were secured on each side of the panels at every other valley with three rivets per clip. The bottom bar assembly is constructed from a 6063-T6 aluminum bottom bar extrusion, with a rubber astragal at the bottom. The head catch and two 11ga steel L brackets were secured to the bottom bar with 1/4" thru carriage bolts with lock nut.

Hardware Details: A latch was located on each side of the of the bottom bar assembly.

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TEST RESULTS

The ambient temperature during testing was 69.4°F. The results are tabulated as follows:

UNIFORM STATIC AIR PRESSURE LOAD (psf)	INDICATOR LOCATION	DEFLECTION (in.)	PERMANENT SET (in.)
		MEASURED	MEASURED
+12.0 Preload – 50% of Design Pressure	Center of Door	6.45	0.06
+24.0 Design Pressure	Center of Door	9.04	0.13
+36.0 Test Pressure – 150% of Design Pressure	Center of Door	10.80	0.34
-12.0 Preload – 50% of Design Pressure	Center of Door	6.20	0.02
-24.0 Design Pressure	Center of Door	9.06	0.07
-36.0 Test Pressure – 150% of Design Pressure	Center of Door	11.42	0.08

Note 1: See Sketch No. 1 for indicator locations.

Note 2: Loads were held for 10 seconds.

Note 3: Tape and film were not used to seal against air leakage during structural testing. In our opinion, the tape and film did not influence the results of the test.

Note 4: Observations: The door remained in the opening for all loads and was operable at the completion of testing.

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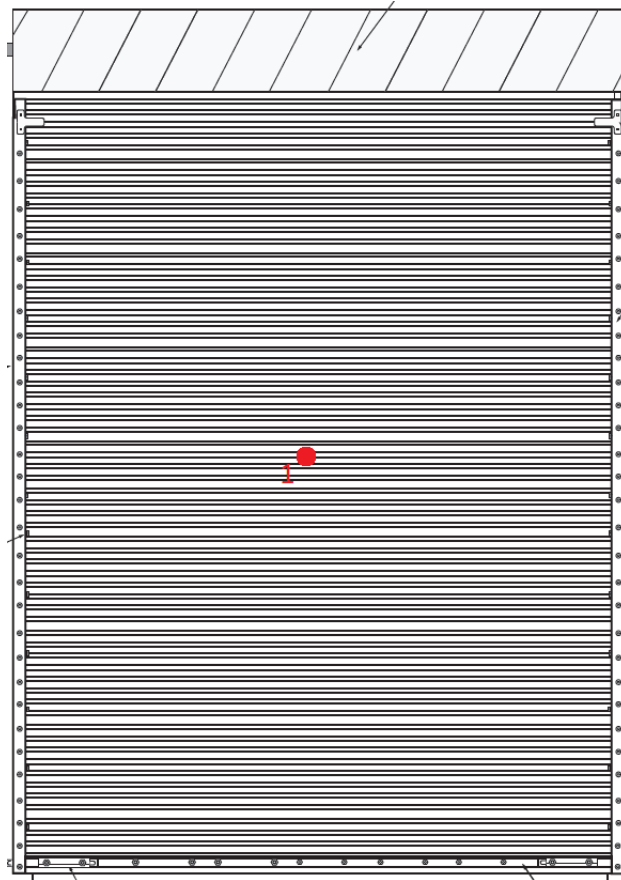
SECTION 9

CONCLUSION

Upon completion of testing, the specimen met the requirements of ANSI/DASMA 108-2017 and Section 1709.5.2.1 of the Florida Building Code, Building (2023). The specimen(s) tested successfully met the uniform static air pressure performance requirements for +24.0/-24.0 psf.

SECTION 10

SKETCH



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SECTION 11

PHOTOGRAPHS



Photo No. 1
Interior of Door, Exterior of Chamber



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1701 Westfork Drive, Suite 106
Lithia Springs, Georgia 30122

Telephone: 770-941-6916
Facsimile: 717-764-4129
www.intertek.com/building

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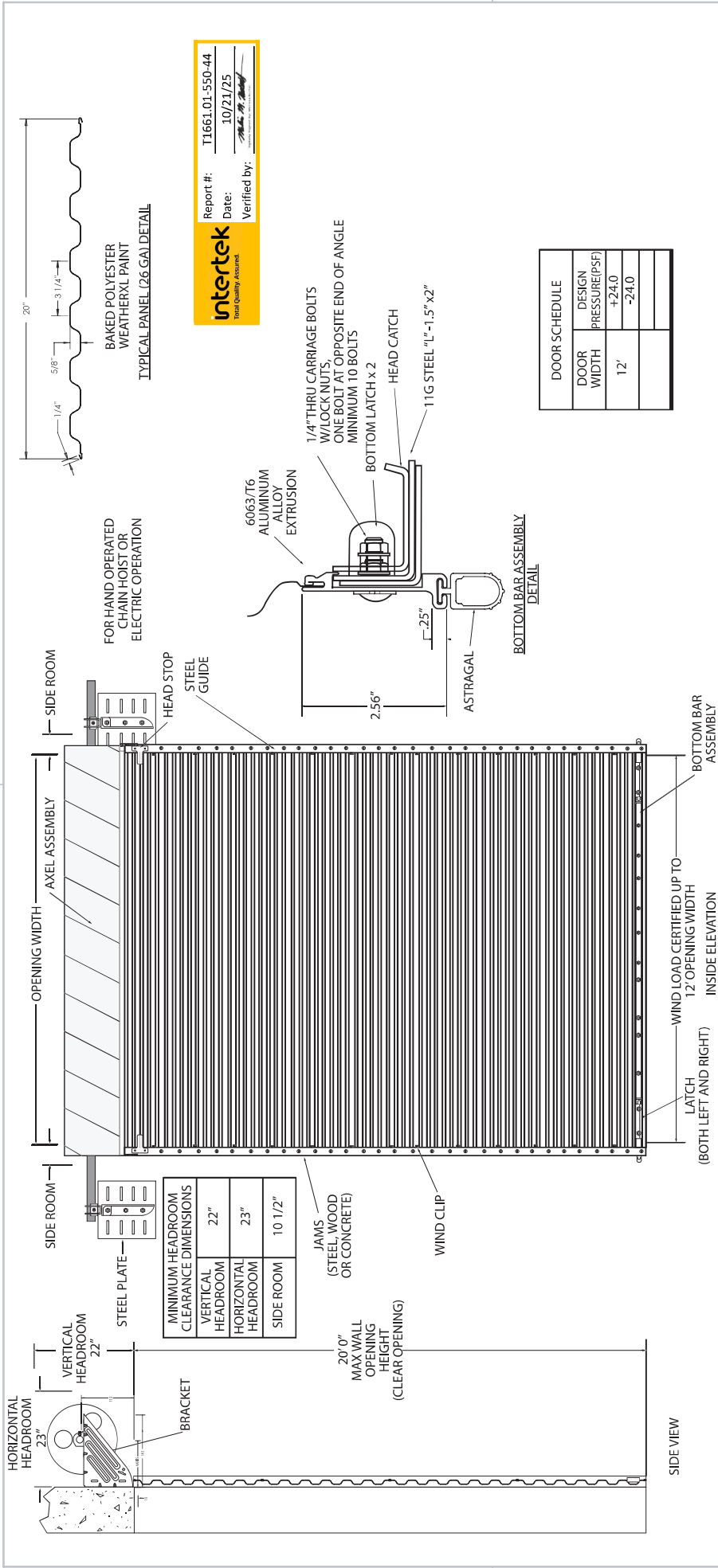
Date: 10/21/25

SECTION 12

DRAWINGS

The test specimen drawings have been reviewed by Intertek B&C and are representative of the test specimen(s) reported herein. Test specimen construction was verified by Intertek B&C per the drawings included in this report. Any deviations are documented herein or on the drawings.

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Report #:

T1661.01-550-44

Date:

10/21/25

Verified by:

intertek

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DOOR SCHEDULE	
DOOR WIDTH	DESIGN PRESSURE(PSF)
12'	+24.0
	-24.0

WIND CLIPS- With 3 wind clip on each end of the corrugated sheets resulting in minimum of 6 wind clips per sheet.

(SEE METAL WIND CLIP 1 DRAWING)

UNLESS OTHERWISE SPECIFIED:

- DIMENSIONS ARE IN INCHES
- TOLERANCES:
 - FRACTIONAL: ± 1/16"
 - ANGLES: ± 3°
 - TWO PLACE DECIMAL ± 0.01
 - THREE PLACE DECIMAL ± 0.005

NAME	DATE
KMN	10/02/25
DRAWN	
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	

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ROLL UP DOOR INC.

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Blackshear, GA 31516

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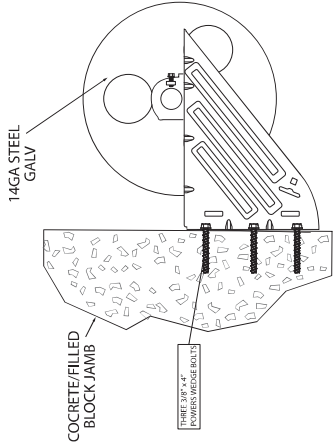
TITLE: RDI SERIES 3000-WL
MAX. 12'-0" WIDE x MAX 14'-0" HIGH

SIZE	DWG. NO.	REV
A	WRD-3002	B

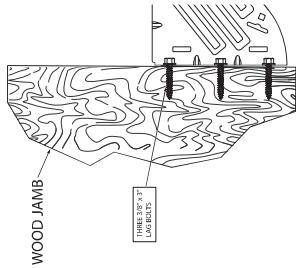
SHEET 1 OF 2

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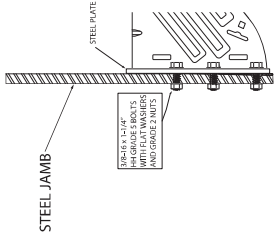
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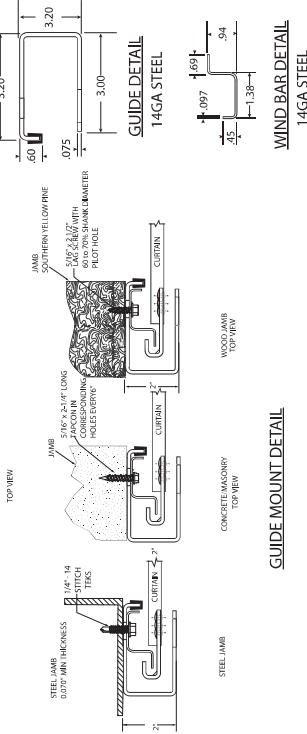
BRACKET MOUNTING TO MASONRY DETAIL



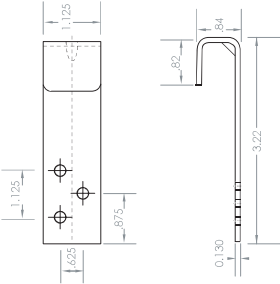
BRACKET MOUNTING TO WOOD DETAIL



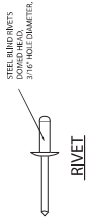
BRACKET MOUNTING TO STEEL DETAIL



GUIDE MOUNT DETAIL



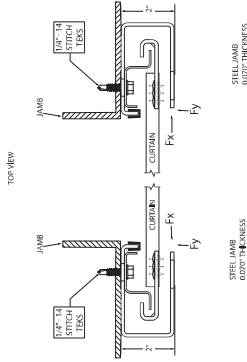
WINDCLIP



RIVET

EACH WINDCLIP IS ATTACHED TO EACH CURTAIN WITH THREE STEEL RIVETS WITH .1875 BODY DIA.

DOOR WIDTH	SUPERIMPOSED WIND CLIP FORCES	
	F _x	F _y
120"	773.8	145.1
80"	336.6	122.3



RIGHT AND LEFT GUIDE MOUNT DETAIL LOAD DIAGRAM
MIN 0.070" STEEL JAMB SHOWN

intertek

Best Quality. Proven.

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Verified by: *[Signature]*

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		KMN	10/02/25
TOLERANCES:			
FRACTIONAL: 1/16"			
ANGLES: ± 3°			
TWO PLACE DECIMAL ± 0.01			
THREE PLACE DECIMAL ± 0.005			
Q. A.			
COMMENTS:			
MATERIAL 26G Steel			
FINISH Coated			
		SIZE	REV
		A	B
		DWG. NO.	
		WRD-3002	
		SHEET 2 OF 2	

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ROLL UP DOOR INC.

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rdi

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TITLE: RDI SERIES 3000-WL

MAX. 12'-0" WIDE x MAX 14'-0" HIGH



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REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	10/21/25	N/A	Original Report Issue