

TALLEY ENGINEERING CONSULTING, LLC

Stalder Talley, PE Florida # 100433

300 N 11th St ■ Ponca City, OK 74601 ■ (405) 829-0258

TALLEY ENGINEERING CONSULTING, LLC**GARAGE DOOR EVALUATION REPORT N25-1607-26.6-3-1RG-I**

Model/Drawing Number:	N25-1607-26.6-3-IRG-I	Test Date:	1/5/26-1/8/26	Report Date:	2/10/26
Design Pressures:	+26.6 psf, -29.6 psf		Test Pressures:	+39.9 psf, -44.4 psf	
ASCE 7-22 Criteria:	Up to 5 Feet of Door Width in Zone 5; Any Roof Slope; Enclosed Building				
	Exp. B: 30' MRH	Exp. C: 15' MRH	Exp. C: 25' MRH	Exp. D: 15' MRH	Exp. D: 25' MRH
	162 mph	147 mph	140 mph	134 mph	129 mph
American Test Lab (ATL) Information	Test Location:	American Test Lab, Inc, Brevard, NC	Report # and Date:	ATLNC 0105.02-26	2/4/26
	Tests witnessed and certified by David Johnson, PE (FL PE #61915) for: Static Air Pressure Test • Large Missile Impact Test • Forced Entry Test • Cyclical Test				

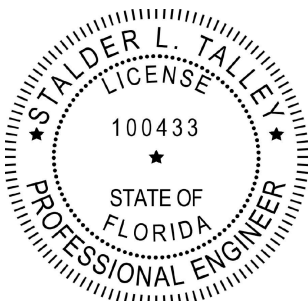
Description of Test Specimen:

A 16'-0" wide x 7'-0" high sectional garage door, Model # Regal 25N. All sections are made of 26 ga galvanized steel sheet with polyester top coat. The test unit is further described on Drawing N25-1607-26.6-3-IRG.

Test Standards and Report Conclusions:

The above referenced Test Reports state the following:

- The tests were conducted in accordance with ANSI/DASMA 108-17, 115-2017; ASTM E330-14; AAMA 1304
- The tests were witnessed and certified by: David Johnson, PE (FL PE #61915)
- The weight of the missile used for the Large Missile Impact Test was 9.3 lbs (#2 Southern Pine 2x4, 96" length).
- The maximum cycle time noted in the report is less than the maximum permitted based on the formula: (area of specimen -75) x (F) + 3, where F= 0.06 for sectional doors.
- All tests passed the referenced Test Standards.



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- The test facility at American Test Lab, Inc. is accredited by IAS, Certification #TL-423.

Summary:

The 16'-0"x7'-0" Model # Regal 25N door as described on drawing N25-1607-26.6-3-IRG meets or exceeds the testing criteria as described above. By comparison to the construction of the 16'-0"x7'-0" Model # Regal 25N, the following doors also meet or exceed the above testing criteria, when constructed in accordance with drawing N25-1607-26.6-3-IRG:

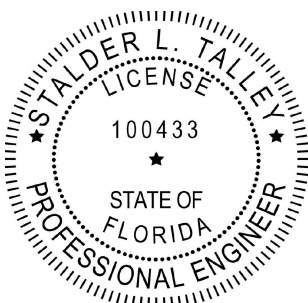
- 16'-0" x 7' Model Regal 25N doors, which have alternate embossment patterns in the skin
- Model Regal 25N doors, with widths up to 16'-0" and heights up to 14'-0"
- 8 windows may be installed in 1 section (16-3/4" x 10-5/8" DLO with 1/4" Tuffak polycarbonate glazing – screw together .055" 6060 extruded aluminum frame secured with (10) #8 x 1" screws)
- Windows are not required to be installed in any section.
- Models Regal 24N (25 Gage), Regal 24 (24 Gage), Village 25N (26 Gage with Crossbuck Pattern), and Village 24N (25 Gage with Crossbuck Pattern) utilize the same door construction and are considered alternate models for the Regal 25N.

To the best of my knowledge, the above garage door conforms to the requirements of the Florida Building Code 8th Edition (2023).

I certify that I have no financial interest in the testing lab(s) that performed the tests, nor in Garaga.

Submitted By:

Stalder Talley



Date:
2026.02.18
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