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GARAGE DOOR STATIC PRESSURE EVALUATION REPORT

Garage Door No.:	IRC-5316-169-26-I		Test Date:	10/4-10/6/2010	Project No.:	10-101
Design Pressures:	+43.4 psf, -49.3 psf		Report Date:	10/26/2020		
Test Pressures:	+65.1 psf, -73.9 psf		Test Location:	American Test Lab, Inc., Brevard, NC		
ASCE 7-16 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	
	218 mph	198 mph	188 mph	180 mph	173 mph	

Reference Test Report and Drawing:

American Test Lab, Inc. report number ATLNC-1004.01-10R dated 12/9/2010

Architectural Testing, Inc. report number A7420.01-106-18 dated 4/12/2011

Amarr Garage Doors drawing number IRC-5316-169-26-I dated 10/13/2010

Description of Test Specimen:

Amarr Garage Door 16' x 8' 24 ga steel garage door Model #500 Classica 1000 as shown in drawing IRC-5316-169-26-I.

Test Standards and Report Conclusion:

The above referenced American Test Lab reports state the following:

- The test was conducted in accordance with ASTM E330, E1886, E1996, and FBC TAS 201, 202 & 203
- The door was operable before and after test
- The test was witnessed and certified by David Johnson, P.E. of Brevard, NC (FL PE #00061915)

The above referenced Architectural Testing report states the following:

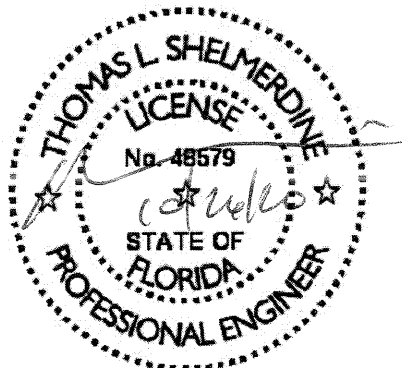
- The test was conducted in accordance with Miami Dade County Checklist #0220, ASTM D1654-08, and ASTM B117-09
- The coated steel test panels supplied by Amarr exhibited rust creepage ratings of 0, while the G-90 coated steel control samples displayed rust creepage of 6.
- The test was witnessed and certified by Joseph A. Reed, PE (FL PE #58920)

Summary:

The 16' x 8' Model 500 Classica 1000 door as described on Drawing IRC-5316-169-26-I meets the testing criteria as described above. By comparison to the construction of the 16' x 8' Model 500 Classica 1000, the following doors also meet the above testing criteria, when constructed in accordance with Drawing IRC-5316-169-26-I:

- Classica 1000 doors (which is an alternate name for the Model 500)
- Classica 2000 doors (which is the Model 500 with drop-in insulation)
- Model 500, Classica 1000 and Classica 2000 doors with widths of 9'-2" thru 11'-2" & 12'-0" thru 16'-0" and heights up to 8'-0"

Submitted by:



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Thomas L. Shelmerdine, PE (Florida PE #0048579)