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GARAGE DOOR EVALUATION REPORT

Garage Door No.:	IRC-1209-155-15-I	Model #	1200	Report Date:	2/10/2022
Design Pressures:	+38.7 psf, -48.3 psf	Test Pressures:	+58.1 psf, -72.5 psf	Project No. 14-117	
Test Date:	11/29-12/1/2021	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
	202 mph	183 mph	174 mph	166 mph	160 mph

Reference Drawing and Test Report(s):

- Entrematic Drawing number IRC-1209-155-15-I dated 07/28/2021
- American Test Lab, Inc. report number ATLNC 1129.02-21 dated 02/10/2022
 - 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 • Tensile Test

Description of Test Specimen:

9'-0"x7'-0" Model 1200, 24 ga exterior / 27 ga interior steel garage door as shown in drawing IRC-1209-155-15-I

Test Standards and Report Conclusions:

The above referenced Test Reports state the following:

- The tests were conducted in accordance with ANSI/DASMA 108-17; ASTM E330-14; FBC TAS 201 202 203; ASTM E8 E330-14 F588-07; ANSI/DASMA 108-17 115-17
- 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
- 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.
- The test facility at American Test Lab, Inc. is accredited by IAS, Certification #TL-423

Summary:

The 9'-0"x7'-0" Model 1200 as described on drawing IRC-1209-155-15-I meets or exceeds the testing criteria as described

- 9' x 7' Amarr Heritage 3000 doors, which is an alternate name for Model 1200
- 9' x 7' Amarr Oak Summit 3000 doors, which have an alternate embossment pattern in the skin
- Short, Long, Flush, and Oak Summit Panels, which are alternate embossment patterns in the skin
- Model 1200 doors up to 9'-0" wide and up to 14'-0" high
- 4 short panel windows (18-1/8" x 10-5/8" x 1/4" polycarbonate) or 2 long panel windows (38-1/16" x 10-5/8" x 1/4" polycarbonate) may be installed in 1 section

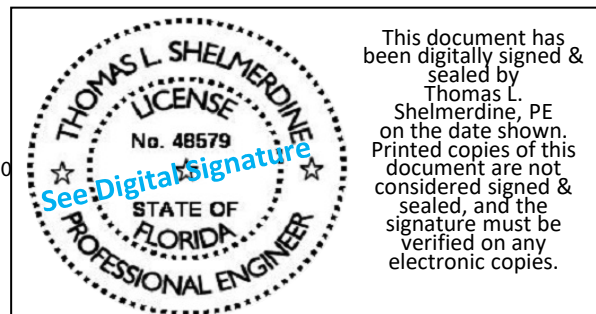
To the best of my knowledge, the above garage door conforms to the requirements of the Florida Building Code 7th Edition (2020).

I certify that I have no financial interest in the testing lab(s) that performed the tests, nor in Entrematic, nor in Amarr Garage Doors.

Submitted By:

Thomas L
Shelmerdine

Digitally signed by Thomas L Shelmerdine
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dnQualifier=A01410D0000017E7DCF965F0
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Date: 2022.02.10 15:59:46 -05'00'



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