

Weatherseals: One (1) strip of aluminum with a neoprene strip was located on the bottom rail interior and attached with # 6 x 0.750" stainless steel screws. One (1) adjustable aluminum strip with two (2) strips of (0.220") high single fin weatherstrip was attached to the active lock stile with # 6 x 0.625" Phillips flat head screws.

Weeps: N/A

Sealant: A small joint sealant was used at each frame joint. Dow Corning 795 silicone sealant was used to seal the exterior perimeter of the specimen to the wooden test buck.

Interior & Exterior Surface Finish: Anodized Aluminum.

Insect Screen: N/A

Installation: The specimens were secured to the wooden test buck with twenty three (23) # 12 x 3" long Phillips flat head wood screws located in the head and jambs. The sill was attached with four (4) # 12 x 2" long Phillips flat head wood screws.

Header: Seven (7) located at 8" from each end 14.0" on center thereafter

Jambs: Eight (8) located at 6" from each end 14" on center thereafter

Sill: Four (4) located at 4" from each end 28" on center thereafter

TEST RESULTS

<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
Air Infiltration - ASTM E283		
1.57 psf (25 mph)	0.025 cfm/ft ²	0.3 cfm/ft ²
 **Uniform Load Structural - ASTM E330	 Set	 Set
D/ P + 20 psf - 20 psf		
20.0 psf Exterior	0.034"	0.384"
20.0 psf Interior	0.042"	0.384"
 Test Load		
30.0 psf Exterior	0.196"	0.384"
30.0 psf Interior	0.136"	0.384"

Deflection and Set measurement taken at mid-span of active door.

Loc # 1 Maximum Allowable Permanent Set (0.4% of 96" span) = 0.384"

** No glass breakage or permanent damage causing the unit to be inoperable
* Specimen passed all specification



FORCED ENTRY RESISTANCE TEST RESULTS

All Specimens

Forced Entry Resistance

*Forced Entry Resistance - Florida Building Code
Section 1707.4.2*

Meets as Stated

*The specimen tested meets the criteria of Chapter 36 of the South Florida Building Code for
Forced Entry Resistance.*

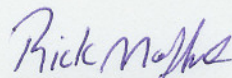
Observers – *Mr. Daniel Ocasio (NCTL)*
Mr. Rick Moffett (NCTL)
Mr. Jim Stropoli (PTC Engineering, Inc.)
Mr. Joe Lewis (PTC Engineering, Inc.)
Mr. David McComas (AFG Glass)
Mr. Ivan Zuniga (AFG Glass)

TEST COMPLETED 11/03/05

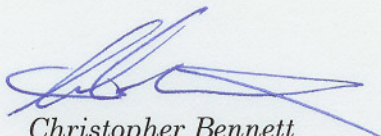


Detailed drawings were available for laboratory records and comparison to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by NCTL. The results obtained apply only to the specimen tested. No conclusions of any kind regarding the adequacy or inadequacy of the glass in the test specimen may be drawn from this test. This report does not constitute certification of the product, which may only be granted by a certification program validator.

NATIONAL CERTIFIED TESTING LABORATORIES



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Laboratory Technician



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NATIONAL CERTIFIED TESTING LABORATORIES

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