



18.0 Sealant's Used:

Location	Sealant
Perimeter Sealant	Dow Corning 795 Silicone Sealant
Frame Joint Sealant	

INSTALLATION

19.0 Following is a description of how this sample was installed in the steel test buck when viewed from the exterior:

Location	Anchor Schedule
Frame Head	The frame head was attached to the steel opening using two (2) #1/4" x 1-1/2" HH Tek self drilling fastener, located 2" away from the geometric center of the head member, one on each side.
Threshold	The threshold was attached to the steel opening using two (2) #1/4"-20 x 1-1/4" FHP (drilled and tapped) fasteners, located 2" away from the geometric center of the head member, one on each side.
Frame Jamb	The frame jambs were attached to the steel opening using three(3) #1/4" - 1-1/2" HH Tek self drilling fasteners, located 2-3/8", 42-1/4" and 80-3/8" from the bottom of the frame.

NOTE: There was a 1/4" shim space used around the perimeter of each test sample at the head, sill and jamb locations.


TEST RESULTS
NS213

20.0 SUMMARY OF RESULTS:

Test Method	Test Conditions	Measured	Allowed
Air Infiltration Test (ASTM E283)	1.57 psf	0.56 cfm/ft ²	1.00 cfm/ft ²
	6.24 psf	1.35 cfm/ft ²	n/a
Uniform Load Deflection Test (ASTM E330)	+ 60 psf	Deflection	
		Geometric Center of Doors	
	- 60 psf	1.27"	n/a
		Geometric Center of Doors	
Uniform Load Structural Test (ASTM E330)	+ 90 psf	Permanent Set	
		Geometric Center of Doors	
	- 90 psf	0.18"	0.33"
		Geometric Center of Doors	
Forced Entry Resistance Test (AAMA 1304-02)	300-lb.	PASS	

• **THESE TESTS WERE COMPLETED ON 12/21/05**

ENGINEER OF RECORD


1/16/06



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TEST RESULTS
NS213

20.0 SUMMARY OF RESULTS:

Test Method	Test Conditions	Measured	Allowed
Air Infiltration Test (ASTM E283)	1.57 psf	1.28 cfm/ft ²	1.00 cfm/ft ²
Uniform Load Deflection Test (ASTM E330)	+ 25 psf	Deflection	
		Geometric Center of Doors	
	- 25 psf	0.66"	n/a
		Geometric Center of Doors	
Uniform Load Structural Test (ASTM E330)	+ 37.5 psf	Permanent Set	
		Geometric Center of Doors	
	- 37.5 psf	0.07"	0.33"
		Geometric Center of Doors	
Forced Entry Resistance Test (AAMA 1304-02)	300-lb.	PASS	

• THESE TESTS WERE COMPLETED ON 12/21/05

ENGINEER OF RECORD

1/16/06