



HURRICANE TEST LABORATORY, INC.

Windows • Doors • Store-Fronts • Curtain Walls • Shutters • EIFS • Metal Building Systems

STRUCTURAL TEST REPORT – WALL PANEL

Test Date: 08/13/98

Job Tracking #: 0168-0808-98

Specimen #: 2

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8.0 AIR INFILTRATION TEST RESULTS:

8.1 TEST DATA :

Test Pressure (psf)	q (ft ³ /min)	q _A (ft ³ /min*ft ²)
1.57	5.53	0.09
6.24	9.40	0.15

q = Measured Air Leakage

q_A = Air Leakage Per unit length of Specimen

8.2 REMARKS:

The air infiltration measured through this specimen fell within the allowable limits for this type of product. As such, this sample was found to satisfy the requirements of Metro-Dade County Protocol PA 202.

9.0 WATER LEAKAGE TEST RESULTS:

9.1 TEST CONDITIONS:

Test Pressure (0.15P_d) = 9.00 psf
 Test Duration = 15.00 min.
 Spray Rate = 5.0 gal/(ft²*hr)

9.2 REMARKS:

At the conclusion of the test duration, there was no moisture detected inside the specimen. This specimen was found to satisfy the requirements of Metro-Dade County Protocol PA 202.

10.0 UNIFORM STATIC LOAD TEST RESULTS:

10.1 TEST LOAD (P_t) COMPUTATION:

Manufacturer Specified Design Pressures:

Inward Acting Design Pressure (P_d)_{in} = 60.00 psf
 Outward Acting Design Pressure (P_d)_{out} = 60.00 psf

Conversion to Equivalent Test Load:

Maximum Inward Acting Test Load (P_t)_{in} = 1.5(P_d)_{in} = 90.00 psf
 Maximum Outward Acting Test Load (P_t)_{out} = 1.5(P_d)_{out} = 90.00 psf

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